Table 2.1 Sample locations around Antarctica in this study and references

No.	Site name	Latitude	Longitude	Sample type	Sampling area*	Sample depth (cm)	Reference
1	178-1099B	-64.95	-64.32	Sand	I	107-130	This study
2	178-1096B	-67.57	-76.96	Sand	I	100-123	This study
3	35-324	-69.05	-98.79	Clay&Claystone	I	95-118	This study
4	28-271	-76.72	-175.05	Silty clay	II	94-117	This study
5	28-273A	-74.54	174.63	Coarse sand	II	84-107	This study
6	318-U1358A	-66.09	143.31	Clast-rich sandy diamict	III	12-38	This study
7	318-U1357A	-66.41	140.43	Diatom bearing Sand	III	20-43	This study
8	318-U1355A	-63.84	138.82	Clayey sand	III	75-98	This study
9	28-268	-63.95	105.16	Sand	IV	71-94	This study
10	119-740A	-68.76	76.68	Sand	V	79-102	This study
11	119-741A	-68.39	76.38	Sandstone	V	100-123	This study
12	113-692B	-70.72	-13.82	Sand/sandstone	VIII	40-63	This study
13	DF80-34	-69.92	162.83	Sand rich layer	II	213-226	Pierce et al. (2014)
14	38521	-77.30	160.92	Conglomerate	II	N/A	Paulsen et al. (2017b)
15	32746	-77.80	160.55	Sandstone	II	N/A	Paulsen et al. (2017a)
16	DF79-47	-66.67	148.73	Sand rich layer	III	563-567; 568-576	Pierce et al. (2014)
17	NBP 01-01JPC11	-66.56	143.05	Diamict	III	2305-2310; 2370-2375	Pierce et al. (2014)
18	ELT37-09	-65.55	141.10	Sand rich layer	III	137-139; 140-144	Pierce et al. (2014)
19	ELT37-13	-64.67	132.98	Sand rich layer	IV	112-117; 113-120	Pierce et al. (2014)
20	ELT37-16 A	-63.97	127.45	Sand rich layer	IV	228-233	Pierce et al. (2014)
21	NBP01-01 JPC25	-68.75	76.70	Diamict	V	1305, 1405	Pierce et al. (2014)
22	ODP Site 1166A	-67.70	74.79	Diamict and fluvial	V	60, 80, 100	van de Flierdt et al. (2008)
23	NBP01-01 JPC34	-68.25	72.73	Diamict	V	70, 292, 345	Pierce et al. (2014)
24	ODP Site 1165B	-64.37	67.22	Ice rafted debris	VI	35, 70, 80, 100-102, 120	Pierce et al. (2014)
25	NBP01-01 JPC40	-67.18	65.74	Diamict	VI	2370	Pierce et al. (2014)
26	IO 1277-23	-67.90	14.58	Sand rich layer	VII	887-889; 889-891	Pierce et al. (2014)
27	IWSOE 70 3-18-1	-70.30	-6.81	Sand rich layer	VII	31-33	Pierce et al. (2014)
28	IO 1578-16	-70.61	-10.06	Sand rich layer	VII	128-130	Pierce et al. (2014)
29	IWSOE 70 3-17-2	-71.17	-12.37	Sand rich layer	VIII	55-59	Pierce et al. (2014)
30	IO 1578-28	-72.19	-15.31	Sand rich layer	VIII	235.5-237	Pierce et al. (2014)
31	IO 1578-27	-72.41	-19.42	Sand rich layer	VIII	735.5-737	Pierce et al. (2014)
32	IWSOE 70 03-11-03	-73.98	-23.65	Sand rich layer	VIII	228-230	Pierce et al. (2014)
33	IWSOE 68 13	-75.45	-26.55	Sand rich layer	VIII	8-14	Pierce et al. (2014)
34	IWSOE69 G21	-72.80	-29.37	Sand rich layer	VIII	79-82	Pierce et al. (2014)
35	IWSOE 69 G17	-76.88	-32.83	Sand rich layer	VIII	158-162	Pierce et al. (2014)
36	IWSOE 70 2-22-1	-77.53	-37.97	Sand rich layer	IX	22-27	Pierce et al. (2014)

*Sampling area is divided according to the area of ice flow of Antarctic ice sheet (Rignot et al., 2011)

Note: The weightings are 4% for I, 29% for II, 6% for III, 10% for IV, 18% for V, 6% for VI, 8% for VII, 3% for VIII and 16% for IX.

Reference

Paulsen, T., Deering, C., Sliwinski, J., Bachmann, O., Guillong, M., 2017a. New detrital zircon age and trace element evidence for 1450Ma igneous zircon sources in East Antarctica. Precambrian Res. 300, 53-58.

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Pierce, E.L., Hemming, S.R., Williams, T., van de Flierdt, T., Thomson, S.N., Reiners, P.W., Gehrels, G.E., Brachfeld, S.A., Goldstein, S.L., 2014. A comparison of detrital U–Pb zircon, 40Ar/39Ar hornblende, 40Ar/39Ar biotite ages in marine sediments off East Antarctica: Implications for the geology of subglacial terrains and provenance studies. Earth-Science Reviews 138, 156-178.

Rignot, E., Mouginot, J., Scheuchl, B., 2011. Ice Flow of the Antarctic Ice Sheet. Science 333, 1427-1430.

van de Flierdt, T., Hemming, S.R., Goldstein, S.L., Gehrels, G.E., Cox, S.E., 2008. Evidence against a young volcanic origin of the Gamburtsev Subglacial Mountains, Antarctica. Geophysical Research Letters 35.

Table 2.2 Sample locations in Australia

Sample	Latitude	Longitude	Watercourse/Desert	Sampling area*
Sample from rivers				
Murray	-35.13	139.29	Murray	II
Bega	-36.67	149.83	Bega	II
Murrumbidgee	-34.53	144.84	Murrumbidgee	II
Shaw	-20.71	119.33	Shaw	III
Ord	-15.51	128.42	Ord	VI
De Grey	-20.32	119.26	De Grey	III
Sample from top of soil†				
2007190248	-28.06	139.28	Cooper Creek	VI
2007190223	-27.69	138.28	Warburton River	VI
2007191087	-22.22	146.56	Belyando River	I
2007191519	-17.96	140.84	Flinders River	VI
2007190313	-13.83	130.73	Daly River	VI
2007191457	-15.45	130.35	Victoria River	VI
2007191043	-17.74	123.65	Fitzroy River	VI
2007190066	-20.32	119.26	De Gray River	III
2007191415	-21.98	115.03	Ashburton River	III
2007190475	-27.63	114.25	Murchison River	III
2007190251	-31.68	135.39	Lake Everard	VI
2007190134	-30.17	137.75	Mulgaria Watercourse	VI
2007190907	-32.16	135.86	Lake Torrens	VI
2007190238	-27.27	122.94	Lake Wells	VII
2007190398	-28.75	122.19	Lake Carey	VII
2007190707	-33.40	117.74	Lake Dumbleyung	VII
2007190717	-30.96	121.29	Lake Brown	VII
2007190914	-27.39	117.77	Nalla Creek	VII
2007191130	-30.84	118.27	Lake Campion	VII
Sample from sand dunefield‡				
BJ103	-19.78	121.06	Great Sandy Desert	VII
CPL61	-28.31	124.75	Great Vicoria Desert	VII
BJ200	-20.76	134.25	Tanami Desert	VII
CTJ98	-23.61	138.51	Simpson Desert	VI
SP135	-35.77	140.80	Lowan Sand	II
SP221	-27.04	138.40	Simpson Desert	VI
CTJ64	-21.04	125.99	Great Sandy Desert	VII
BJ67	-25.52	118.05	Great Victoria Desert	VII
CTJ20	-24.04	122.27	Great Victoria Desert	VII
CPL17	-28.54	131.17	Great Victoria Desert	VII

*Sampling area is divided according to the study of Stein et al. (2014) and shown in Fig. 2.2

†: Sample from National Geochemical Survey of Australia (NGSA; www.ga.gov.au/ngsa). NGSA samples from top of soil (Caritat and Cooper, 2011, 2016) were obtained from Geoscience Australia.

‡: Samples of sand dunes were from the sample archive of the study of Pell, S.D. (1994).

Note: The weightings are 6% for I, 7% for II, 8% for III, 9% for IV, 14% for V, 18% for VI and 38% for VII.

References:

De Caritat, P., Cooper, M., 2011. National Geochemical Survey of Australia: The Geochemical Atlas of Australia. Geoscience Australia Record 2011/20 (2 Volumes), 557 pp.

De Caritat, P., Cooper, M., 2016. A continental-scale geochemical atlas for resource exploration and environmental management: the National Geochemical Survey of Australia. Geochemistry: Exploration, Environment, Analysis 16, 3-13.

Pell, S.D., 1994. The provenance of the Australian continental dunefields.

Stein, J.L., Hutchinson, M.F., Stein, J.A., 2014. A new stream and nested catchment framework for Australia. Hydrol. Earth Syst. Sci. 18, 1917-1933.

Table 2.3 Acquisition time of selected masses for zircon U-Pb dating by LA-ICP-MS.

Mass	Element Name	Acqusition time (ms)
Session: 20191107		
29	Si	5
31	P	10
49	Ti	20
51	V	10
89	Y	10
91	Zr	5
93	Nb	10
139	La	10
140	Ce	10
141	Pr	10
146	Nd	10
147	Sm	10
153	Eu	10
163	Dy	10
172	Yb	10
175	Lu	10
177	Hf	10
181	Ta	10
206	Pb	35
207	Pb	35
208	Pb	35
232	Th	35
238	U	35
	Total	**355**

Table 2.4 Chosen age comparison between ^{207}Pb and ^{208}Pb correction for common Pb for zircons (<900 Ma) from sample 119-741A.

		^{207}Pb correction								^{208}Pb correction							
Sample ID	Age differences	Best age (Ma)	2SE	Age type*	$^{206}Pb/^{238}U$	$^{206}Pb/^{238}U$ age	$^{207}Pb/^{235}U$	$^{207}Pb/^{235}U$ age	Concordance %	Best age (Ma)	2SE	Age type	$^{206}Pb/^{238}U$	$^{206}Pb/^{238}U$ age	$^{207}Pb/^{235}U$	$^{207}Pb/^{235}U$ age	Concordance %
Seesion: 20200814																	
119-741A_1		553	15	6/38	0.089	551	0.702	540	101	553	15	6/38	0.088	545	0.601	478	101
119-741A_2	6.5	919	14	Pbcor6/38	0.153	919	1.427	900	102	926	14	6/38	0.155	927	1.649	989	97
119-741A_5	0.4	552	15	Pbcor6/38	0.089	552	0.715	548	101	552	15	Pbcor6/38	0.089	552	0.713	547	101
119-741A_7	1.0	523	15	Pbcor6/38	0.084	523	0.657	513	102	522	15	Pbcor6/38	0.084	522	0.652	510	102
119-741A_9	0.4	558	15	Pbcor6/38	0.090	558	0.726	554	101	558	15	Pbcor6/38	0.090	558	0.724	553	101
119-741A_10	0.0	535	10	Pbcor6/38	0.086	535	0.682	528	101	535	10	6/38	0.087	539	0.780	586	102
119-741A_17	2.3	482	9	Pbcor6/38	0.078	482	0.619	489	98	484	9	Pbcor6/38	0.078	484	0.652	510	95
119-741A_18	1.2	498	11	Pbcor6/38	0.080	498	0.629	495	100	499	11	Pbcor6/38	0.080	499	0.656	512	97
119-741A_19	1.2	522	8	Pbcor6/38	0.084	522	0.669	520	100	523	8	6/38	0.085	527	0.787	589	98
119-741A_20	1.4	537	13	Pbcor6/38	0.087	537	0.686	530	101	536	13	6/38	0.086	533	0.613	485	106
119-741A_21	6.2	439	14	Pbcor6/38	0.070	439	0.554	448	98	445	14	6/38	0.067	418	0.119	114	86
119-741A_23	0.4	555	9	Pbcor6/38	0.090	555	0.726	554	100	555	9	Pbcor6/38	0.090	555	0.720	551	101
119-741A_24	2.4	555	11	Pbcor6/38	0.090	555	0.728	556	100	553	11	6/38	0.091	560	0.819	608	104
119-741A_25	1.8	736	13	Pbcor6/38	0.121	736	1.064	736	100	734	13	Pbcor6/38	0.121	734	1.025	716	102
119-741A_26	1.0	547	10	Pbcor6/38	0.089	547	0.708	544	101	546	10	6/38	0.088	545	0.665	518	102
119-741A_28	1.0	587	20	Pbcor6/38	0.095	587	0.773	582	101	586	20	6/38	0.097	594	0.933	669	102
119-741A_29		541	11	6/38	0.087	540	0.712	546	99	541	11	6/38	0.088	544	0.780	586	99
119-741A_31	7.4	836	13	Pbcor6/38	0.138	836	1.347	866	96	843	13	6/38	0.140	847	1.539	946	90
119-741A_32	3.9	530	14	Pbcor6/38	0.086	530	0.713	547	97	534	14	Pbcor6/38	0.086	534	0.766	577	92
119-741A_34	0.1	520	13	Pbcor6/38	0.084	520	0.685	530	98	520	13	Pbcor6/38	0.084	520	0.668	519	100
119-741A_38		565	15	6/38	0.092	566	0.790	591	101	565	15	6/38	0.093	574	0.894	648	101
119-741A_39		566	10	6/38	0.092	567	0.780	586	100	566	10	6/38	0.092	566	0.737	561	100
119-741A_41		754	15	6/38	0.124	754	1.137	771	98	754	15	6/38	0.125	761	1.241	820	98
119-741A_42	3.4	804	18	Pbcor6/38	0.133	804	1.245	821	98	807	18	Pbcor6/38	0.133	807	1.284	838	96
119-741A_44		545	8	6/38	0.088	545	0.733	558	98	545	8	6/38	0.088	544	0.695	536	98
119-741A_45	2.1	257	4	Pbcor6/38	0.041	257	0.307	272	95	259	4	Pbcor6/38	0.041	259	0.329	289	90
119-741A_46	1.5	535	13	Pbcor6/38	0.087	535	0.715	547	98	537	13	6/38	0.087	539	0.757	573	96
119-741A_48	2.4	562	22	Pbcor6/38	0.091	562	0.782	587	96	564	22	6/38	0.094	578	1.073	740	96
119-741A_50	0.8	571	7	Pbcor6/38	0.093	571	0.781	586	97	572	7	6/38	0.093	574	0.810	602	96
119-741A_51	1.8	570	6	Pbcor6/38	0.093	570	0.789	591	97	572	6	Pbcor6/38	0.093	572	0.791	592	97
119-741A_53	0.9	552	7	6/38	0.089	553	0.741	563	100	553	7	Pbcor6/38	0.090	553	0.725	554	100
119-741A_55	2.0	515	19	Pbcor6/38	0.083	515	0.678	526	98	517	19	Pbcor6/38	0.084	517	0.702	540	96
119-741A_57	2.0	802	12	Pbcor6/38	0.132	802	1.225	812	99	804	12	6/38	0.133	807	1.308	849	97
119-741A_59	0.6	529	19	Pbcor6/38	0.086	529	0.695	536	99	530	19	6/38	0.086	533	0.754	571	103
119-741A_60	1.5	550	10	Pbcor6/38	0.089	550	0.737	561	98	548	10	6/38	0.089	547	0.664	517	103
119-741A_62	1.6	594	11	Pbcor6/38	0.097	594	0.822	609	98	592	11	Pbcor6/38	0.096	592	0.761	575	103
119-741A_64	0.8	902	21	Pbcor6/38	0.150	902	1.469	918	98	903	21	6/38	0.151	908	1.552	951	98
119-741A_66	1.0	548	9	6/38	0.089	550	0.739	562	102	549	9	Pbcor6/38	0.089	549	0.703	541	102
119-741A_67	3.4	528	14	Pbcor6/38	0.085	528	0.712	546	97	525	14	6/38	0.083	515	0.414	352	109
119-741A_70	1.7	297	10	Pbcor6/38	0.047	297	0.353	307	97	299	10	6/38	0.045	287	0.133	127	94
119-741A_72		560	12	6/38	0.091	561	0.760	574	99	560	12	6/38	0.092	569	0.907	655	99
119-741A_73	0.2	546	22	Pbcor6/38	0.088	546	0.719	550	99	546	22	Pbcor6/38	0.088	546	0.718	549	99
119-741A_74	0.2	504	12	Pbcor6/38	0.081	504	0.669	520	97	504	12	Pbcor6/38	0.081	504	0.645	506	100
119-741A_76	0.7	554	15	Pbcor6/38	0.090	554	0.737	561	99	553	15	Pbcor6/38	0.090	553	0.711	545	101
119-741A_77	1.7	549	8	6/38	0.089	551	0.736	560	102	551	8	Pbcor6/38	0.089	551	0.731	557	99
119-741A_78	2.4	518	23	6/38	0.084	517	0.594	474	109	520	23	Pbcor6/38	0.084	520	0.726	554	94
119-741A_81	0.3	491	10	Pbcor6/38	0.079	491	0.640	502	98	491	10	6/38	0.079	492	0.656	512	97
119-741A_82		668	21	6/38	0.109	667	0.945	675	100	668	21	6/38	0.113	689	1.385	883	100
119-741A_83		542	30	6/38	0.086	531	0.671	521	88	542	30	6/38	0.085	526	0.577	463	88
119-741A_84		548	6	6/38	0.089	549	0.740	562	100	548	6	6/38	0.089	548	0.700	539	100
119-741A_85		858	30	7/6	0.160	958	1.597	969	104	858	30	7/6	0.159	954	1.468	917	104
119-741A_87		567	9	6/38	0.092	568	0.761	574	100	567	9	6/38	0.092	570	0.800	597	100
119-741A_88		945	34	7/6	0.178	1057	1.872	1071	101	945	34	7/6	0.180	1065	2.034	1127	101
119-741A_92	1.4	269	7	Pbcor6/38	0.043	269	0.327	287	94	270	7	Pbcor6/38	0.043	270	0.329	289	94
119-741A_94	0.5	538	13	Pbcor6/38	0.087	538	0.711	546	99	538	13	6/38	0.087	536	0.657	513	102
119-741A_95		562	15	6/38	0.091	562	0.772	581	99	562	15	6/38	0.091	559	0.676	524	99
119-741A_96	0.6	285	10	Pbcor6/38	0.045	285	0.344	300	95	285	10	Pbcor6/38	0.045	285	0.336	294	97
119-741A_97	1.2	568	11	Pbcor6/38	0.092	568	0.772	581	98	567	11	Pbcor6/38	0.092	567	0.725	553	102
119-741A_100	0.9	561	23	Pbcor6/38	0.091	561	0.732	557	101	560	23	Pbcor6/38	0.091	560	0.717	549	102
119-741A_102	4.7	533	20	Pbcor6/38	0.086	533	0.691	534	100	537	20	Pbcor6/38	0.087	537	0.788	590	91
119-741A_103		556	14	6/38	0.090	558	0.753	570	101	556	14	6/38	0.091	561	0.801	598	101
119-741A_104	1.5	542	12	Pbcor6/38	0.088	542	0.709	544	100	540	12	6/38	0.087	536	0.586	468	106
119-741A_107	1.4	667	11	Pbcor6/38	0.109	667	0.936	671	99	668	11	6/38	0.109	665	0.884	643	98
119-741A_108		520	20	6/38	0.084	517	0.650	509	100	520	20	6/38	0.084	518	0.684	529	100
119-741A_110	2.3	567	13	Pbcor6/38	0.092	567	0.754	570	99	569	13	6/38	0.092	565	0.705	542	96
119-741A_111	0.6	516	8	Pbcor6/38	0.083	516	0.645	505	102	515	8	Pbcor6/38	0.083	515	0.650	508	101
119-741A_112		512	12	6/38	0.082	510	0.641	503	101	512	12	6/38	0.082	505	0.550	445	101
119-741A_113	0.4	580	8	Pbcor6/38	0.094	580	0.762	575	101	580	8	Pbcor6/38	0.094	580	0.778	584	99
119-741A_114	0.6	557	16	Pbcor6/38	0.090	557	0.725	554	101	558	16	6/38	0.090	553	0.639	502	109
119-741A_115	2.3	494	13	Pbcor6/38	0.080	494	0.611	484	102	496	13	6/38	0.078	482	0.381	328	96
119-741A_116	0.4	548	10	Pbcor6/38	0.089	548	0.687	531	103	548	10	Pbcor6/38	0.089	548	0.709	544	101
119-741A_117	5.2	520	14	Pbcor6/38	0.084	520	0.663	517	101	525	14	6/38	0.085	525	0.779	585	91
119-741A_118	2.5	535	19	Pbcor6/38	0.087	535	0.690	533	101	533	19	6/38	0.085	528	0.549	444	110
119-741A_119	0.3	549	16	Pbcor6/38	0.089	549	0.686	530	103	549	16	6/38	0.091	559	0.939	672	106
119-741A_120	1.9	302	8	Pbcor6/38	0.048	302	0.341	298	101	304	8	6/38	0.045	287	0.049	48	95
119-741A_121	0.4	882	11	Pbcor6/38	0.147	882	1.322	855	103	881	11	Pbcor6/38	0.147	881	1.375	878	100
119-741A_123		648	9	6/38	0.105	645	0.845	622	99	648	9	6/38	0.106	648	0.945	675	99
119-741A_124	0.2	510	10	6/38	0.082	508	0.615	487	102	509	10	Pbcor6/38	0.082	509	0.667	519	98
119-741A_126	0.7	713	11	6/38	0.117	711	0.952	679	103	712	11	Pbcor6/38	0.117	712	1.042	725	98
119-741A_127	0.0	547	12	Pbcor6/38	0.089	547	0.684	529	103	547	12	Pbcor6/38	0.089	547	0.715	548	100
119-741A_128		521	16	6/38	0.084	521	0.644	505	103	521	16	6/38	0.085	528	0.819	607	103
119-741A_129	0.4	560	15	Pbcor6/38	0.091	560	0.683	529	106	560	15	6/38	0.089	552	0.568	456	107
119-741A_131		489	10	6/38	0.079	487	0.575	462	103	489	10	6/38	0.079	489	0.643	504	103
119-741A_132	2.8	550	12	Pbcor6/38	0.089	550	0.668	520	106	547	12	Pbcor6/38	0.089	547	0.661	515	106
119-741A_133	2.8	273	4	Pbcor6/38	0.043	273	0.294	262	104	276	4	6/38	0.041	261	0.071	70	91
119-741A_135	0.3	568	9	Pbcor6/38	0.092	568	0.716	548	104	567	9	Pbcor6/38	0.092	567	0.743	564	101
119-741A_136		869	14	6/38	0.143	864	1.238	818	102	869	14	6/38	0.145	871	1.485	924	102
119-741A_138		520	18	6/38	0.083	516	0.595	474	103	520	18	6/38	0.084	522	0.774	582	103
119-741A_139		521	11	6/38	0.084	517	0.619	489	98	521	11	6/38	0.083	514	0.591	472	98
119-741A_140		499	8	6/38	0.080	497	0.588	469	100	499	8	6/38	0.080	499	0.675	524	100
119-741A_142		534	17	6/38	0.086	531	0.636	500	104	534	17	6/38	0.085	524	0.535	435	104
119-741A_143		494	17	6/38	0.079	492	0.575	461	104	494	17	6/38	0.080	496	0.699	538	104
119-741A_144	0.5	527	8	Pbcor6/38	0.085	527	0.634	499	106	527	8	Pbcor6/38	0.085	527	0.691	533	99
119-741A_145	4.2	942	17	Pbcor6/38	0.157	942	1.424	899	105	946	17	Pbcor6/38	0.158	946	1.624	980	97

119-741A_146		545	9	6/38	0.087	540	0.648	507	98	545	9	6/38	0.088	544	0.773	581	98
119-741A_147	1.3	542	19	Pbcor6/38	0.088	542	0.648	507	107	544	19	Pbcor6/38	0.088	544	0.733	558	97
119-741A_149	1.0	552	11	Pbcor6/38	0.089	552	0.674	523	106	551	11	6/38	0.089	548	0.647	507	108
119-741A_150		314	5	6/38	0.050	312	0.340	297	101	314	5	6/38	0.047	299	0.090	87	101
119-741A_151	2.0	579	22	Pbcor6/38	0.094	579	0.726	554	105	577	22	6/38	0.092	568	0.537	437	113
119-741A_152	4.1	285	8	Pbcor6/38	0.045	285	0.305	270	105	289	8	6/38	0.044	275	0.121	116	88
119-741A_153	0.8	537	9	6/38	0.087	537	0.663	517	103	538	9	Pbcor6/38	0.087	538	0.721	551	98
119-741A_156	1.9	559	15	Pbcor6/38	0.091	559	0.697	537	104	561	15	Pbcor6/38	0.091	561	0.775	582	96
119-741A_158	1.6	502	7	Pbcor6/38	0.081	502	0.602	478	105	504	7	Pbcor6/38	0.081	504	0.674	523	96
119-741A_161	1.4	531	8	Pbcor6/38	0.086	531	0.653	510	104	533	8	Pbcor6/38	0.086	533	0.715	548	97
119-741A_162		569	10	6/38	0.092	569	0.732	558	101	569	10	6/38	0.092	568	0.733	559	101
119-741A_163	3.5	527	11	6/38	0.084	523	0.639	502	97	523	11	Pbcor6/38	0.085	523	0.686	530	99
119-741A_165		512	9	6/38	0.082	510	0.626	493	100	512	9	6/38	0.083	511	0.682	528	100
119-741A_166		525	13	6/38	0.085	524	0.652	510	100	525	13	6/38	0.085	528	0.768	579	100
119-741A_167		853	10	6/38	0.142	853	1.247	822	104	853	10	6/38	0.141	850	1.242	820	104
119-741A_169	1.0	537	7	Pbcor6/38	0.087	537	0.670	521	103	536	7	Pbcor6/38	0.087	536	0.677	525	102
119-741A_170		524	15	6/38	0.085	523	0.636	500	103	524	15	6/38	0.086	530	0.807	601	103
119-741A_171	3.1	539	13	Pbcor6/38	0.087	539	0.668	519	104	536	13	Pbcor6/38	0.087	536	0.636	500	107
119-741A_172	2.1	574	14	Pbcor6/38	0.093	574	0.737	561	102	572	14	Pbcor6/38	0.093	572	0.716	548	104
119-741A_174	4.2	907	14	Pbcor6/38	0.151	907	1.426	900	101	911	14	6/38	0.152	912	1.556	953	98
119-741A_175	0.1	528	9	Pbcor6/38	0.085	528	0.673	523	101	528	9	Pbcor6/38	0.085	528	0.679	526	100
119-741A_177	2.2	605	11	Pbcor6/38	0.098	605	0.807	601	101	607	11	6/38	0.099	607	0.856	628	97
119-741A_178	0.6	544	8	Pbcor6/38	0.088	544	0.701	539	101	543	8	Pbcor6/38	0.088	543	0.698	537	101
119-741A_181	3.3	496	14	Pbcor6/38	0.080	496	0.602	478	104	499	14	6/38	0.081	500	0.710	545	96
119-741A_182		544	8	6/38	0.088	544	0.704	541	100	544	8	6/38	0.088	543	0.692	534	100
119-741A_184	1.0	513	18	Pbcor6/38	0.083	513	0.651	509	101	514	18	6/38	0.084	522	0.842	620	105
119-741A_185	5.8	773	12	Pbcor6/38	0.127	773	1.139	772	100	779	12	6/38	0.131	794	1.602	971	94
119-741A_189		537	19	6/38	0.086	534	0.672	522	99	537	19	6/38	0.087	540	0.815	605	99
119-741A_190	0.2	561	11	Pbcor6/38	0.091	561	0.729	556	101	560	11	Pbcor6/38	0.091	560	0.733	558	100
119-741A_191	6.7	513	15	Pbcor6/38	0.083	513	0.641	503	102	520	15	6/38	0.084	520	0.805	599	91
119-741A_196	0.1	540	6	Pbcor6/38	0.087	540	0.694	535	101	540	6	Pbcor6/38	0.087	540	0.700	539	100
119-741A_197	2.7	557	13	Pbcor6/38	0.090	557	0.724	553	101	560	13	6/38	0.091	563	0.839	619	97
119-741A_198	3.2	543	12	Pbcor6/38	0.088	543	0.709	544	100	546	12	6/38	0.089	550	0.852	626	95
119-741A_199	0.9	424	5	Pbcor6/38	0.068	424	0.530	432	98	425	5	Pbcor6/38	0.068	425	0.535	435	98
119-741A_200	1.0	545	16	Pbcor6/38	0.088	545	0.695	536	102	546	16	6/38	0.089	549	0.784	587	104

*Age type: 6/38, uncorrected $^{206}Pb/^{238}U$ age; Pbcor6/38, corrected $^{206}Pb/^{238}U$ age.

Table 3 Comparison of uncorrected and ^{207}Pb corrected $^{206}Pb/^{238}U$ ages for sample Murray

Sample ID	Best age (Ma)*	2SE	Age type†	Difference‡	Uncorrected $^{206}Pb/^{238}U$ age	^{207}Pb corrected $^{206}Pb/^{238}U$ age
20170201_Murray1-10	502	27	6/38	0	502	502
20170201_Murray1-11	571	24	Pbcor6/38	2	569	571
20170201_Murray1-12	247	11	Pbcor6/38	1	247	247
20170201_Murray1-13	575	25	Pbcor6/38	1	574	575
20170201_Murray1-21	404	18	Pbcor6/38	1	405	404
20170201_Murray1-22	511	26	6/38	3	511	514
20170201_Murray1-25	525	30	Pbcor6/38	2	527	525
20170201_Murray1-31	448	21	Pbcor6/38	2	450	448
20170201_Murray1-32	562	25	Pbcor6/38	1	561	562
20170201_Murray1-35	586	27	6/38	1	586	585
20170201_Murray1-38	526	23	Pbcor6/38	1	527	526
20170201_Murray1-39	574	25	6/38	0	574	574
20170201_Murray1-40	417	19	Pbcor6/38	1	419	417
20170201_Murray1-45	834	36	Pbcor6/38	2	836	834
20170201_Murray1-46	508	23	Pbcor6/38	1	509	508
20170201_Murray1-48	143	8	Pbcor6/38	1	144	143
20170201_Murray1-49	473	21	Pbcor6/38	1	474	473
20170201_Murray1-52	596	27	Pbcor6/38	1	595	596
20170201_Murray1-53	232	11	Pbcor6/38	2	230	232
20170201_Murray1-57	589	25	Pbcor6/38	2	587	589
20170201_Murray1-61	565	24	Pbcor6/38	1	564	565
20170201_Murray1-62	543	26	Pbcor6/38	6	537	543
20170201_Murray1-66	326	15	Pbcor6/38	1	327	326
20170201_Murray1-68	542	24	Pbcor6/38	1	544	542
20170201_Murray1-69	550	28	Pbcor6/38	3	547	550
20170201_Murray1-70	220	12	Pbcor6/38	1	218	220
20170201_Murray1-72	578	25	Pbcor6/38	2	577	578
20170201_Murray1-73	528	23	Pbcor6/38	2	531	528
20170201_Murray1-76	181	9	Pbcor6/38	0	182	181
20170201_Murray1-78	569	26	Pbcor6/38	2	567	569
20170201_Murray1-79	325	15	6/38	0	325	325
20170201_Murray1-80	507	24	Pbcor6/38	2	509	507
20170201_Murray1-83	501	26	Pbcor6/38	0	501	501
20170201_Murray1-84	541	24	6/38	1	541	540
20170201_Murray1-85	608	27	Pbcor6/38	1	607	608
20170201_Murray1-86	590	26	6/38	1	590	589
20170201_Murray1-87	320	15	Pbcor6/38	2	322	320
20170201_Murray1-88	411	19	6/38	0	411	410
20170201_Murray1-89	635	30	Pbcor6/38	5	640	635
20170201_Murray1-90	745	37	Pbcor6/38	12	757	745
20170201_Murray1-91	593	28	Pbcor6/38	1	594	593
20170201_Murray1-92	582	29	Pbcor6/38	0	582	582
20170201_Murray1-94	603	31	6/38	0	603	603
20170201_Murray1-95	461	23	Pbcor6/38	4	465	461
20170201_Murray1-96	460	22	Pbcor6/38	1	461	460
20170201_Murray1-98	750	35	Pbcor6/38	3	753	750
20170201_Murray1-99	512	24	Pbcor6/38	3	515	512
20170201_Murray1-100	540	26	Pbcor6/38	5	535	540
20170201_Murray2-5	533	23	6/38	0	533	533
20170201_Murray2-6	550	23	6/38	0	550	551
20170201_Murray2-7	557	26	6/38	1	557	558
20170201_Murray2-9	549	23	Pbcor6/38	2	547	549
20170201_Murray2-10	509	23	6/38	0	509	508
20170201_Murray2-19	534	27	6/38	1	534	533
20170201_Murray2-20	499	22	Pbcor6/38	1	500	499
20170201_Murray2-21	512	22	6/38	1	512	513
20170201_Murray2-23	463	20	Pbcor6/38	1	463	463
20170201_Murray2-24	576	25	6/38	0	576	576
20170201_Murray2-28	570	27	Pbcor6/38	4	566	570
20170201_Murray2-29	537	24	Pbcor6/38	1	537	537
20170201_Murray2-30	588	26	Pbcor6/38	5	583	588
20170201_Murray2-32	175	9	Pbcor6/38	2	173	175
20170201_Murray2-33	619	26	6/38	1	619	619
20170201_Murray2-35	582	25	6/38	1	582	583
20170201_Murray2-36	558	24	Pbcor6/38	0	558	558
20170201_Murray2-37	524	22	Pbcor6/38	2	526	524
20170201_Murray2-39	594	25	Pbcor6/38	0	595	594
20170201_Murray2-40	575	26	Pbcor6/38	4	571	575
20170201_Murray2-41	928	39	6/38	2	928	930
20170201_Murray2-42	548	27	Pbcor6/38	1	549	548
20170201_Murray2-43	480	24	6/38	0	480	480
20170201_Murray2-44	500	21	Pbcor6/38	1	501	500
20170201_Murray2-45	598	27	Pbcor6/38	2	596	598
20170201_Murray2-46	652	30	Pbcor6/38	2	650	652
20170201_Murray2-47	600	28	Pbcor6/38	1	601	600
20170201_Murray2-48	594	25	Pbcor6/38	1	593	594
20170201_Murray2-52	851	38	6/38	1	851	852
20170201_Murray2-54	493	22	6/38	0	493	494
20170201_Murray2-56	503	22	Pbcor6/38	1	503	503
20170201_Murray2-57	576	24	Pbcor6/38	0	576	576
20170201_Murray2-59	193	9	6/38	1	193	193
20170201_Murray2-60	571	26	Pbcor6/38	1	570	571

*: The age closer to Concordia

†: 6/38, uncorrected $^{206}Pb/^{238}U$ age; Pbcor6/38, corrected $^{206}Pb/^{238}U$ age;

‡: Difference between uncorrected and corrected age.

Table 4.1 U-Pb isotopic and trace element data for detrital zircons from Antarctica analyzed in this study and references.

Sample ID	Best age*	2SE†	Age type‡	Ratio $^{206}Pb/^{238}U$	2SE	Ratio $^{207}Pb/^{235}U$	2SE	Ratio $^{207}Pb/^{206}Pb$	2SE	Age (Ma) $^{206}Pb/^{238}U$ age	2SE	Age (Ma) $^{207}Pb/^{235}U$ age	2SE	Age (Ma) $^{207}Pb/^{206}Pb$ age	2SE	concordance %§	2SE %	Concentration (ppm) P	Ti	Y	Zr	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	Th	U	Th/U	Lu_N/Dy_N	Full REE+Y (molar)	P (molar)	S-type
28-268_1	1420	70	7/6	0.2317	0.0028	2.8500	0.3800	0.0898	0.0033	1343	15	1362	100	1420	70	99	7	165	3.2	265	474900	0.155	6.75	0.199	1.18	1.38	0.47	5.20	1.61	20.0	7.8	41.6	10.5	104.7	27.0	9450	0.36	145.4	259.0	0.56	13.50	4.53	5.32	
28-268_2	579	12	Pbcor6/38	0.0936	0.0021	0.7230	0.1100	0.0566	0.0049	576	12	540	67	475	191	101	13	283	3.5	540	470900	Below LOD	7.35	0.045	0.77	2.40	0.14	14.00	4.80	54.2	17.5	79.3	14.6	127.0	25.0	11550	0.37	34.6	157.9	0.22	4.61	8.53	9.13	
28-268_3	1235	75	7/6	0.1980	0.0035	2.2000	0.3000	0.0816	0.0031	1164	19	1180	93	1235	75	99	8	297	12.3	862	471000	Below LOD	9.19	0.060	0.82	2.51	0.43	15.90	5.68	78.5	29.3	141.3	28.2	254.2	50.0	10660	0.74	117.4	164.7	0.71	6.37	13.60	9.58	
28-268_4	1324	98	7/6	0.1911	0.0037	2.2400	0.3100	0.0854	0.0043	1127	20	1187	96	1324	98	95	8	246	12.1	787	493200	0.029	6.72	0.127	1.68	3.60	0.49	17.00	5.84	74.7	27.7	129.3	25.8	237.3	48.0	10420	1.64	64.1	125.8	0.51	6.43	12.55	7.94	
28-268_5	1509	70	7/6	0.2741	0.0037	3.5400	0.4700	0.0941	0.0035	1561	19	1528	110	1509	70	102	7	263	6.0	715	468000	0.104	17.68	0.123	0.76	2.30	0.26	11.70	4.37	56.2	23.5	124.6	27.8	261.7	56.5	12100	1.27	83.1	187.0	0.44	10.05	11.80	8.48	
28-268_6	1107	159	7/6	0.2152	0.0054	2.2800	0.3400	0.0765	0.0061	1256	29	1182	110	1107	159	106	10	171	6.7	389	458500	Below LOD	5.86	0.011	0.60	1.31	0.17	7.68	2.62	35.2	13.3	64.3	14.0	115.0	24.3	10390	2.04	49.6	93.6	0.53	6.90	6.22	5.52	
28-268_7	530	6	Pbcor6/38	0.0857	0.0011	0.6800	0.0970	0.0576	0.0036	530	6	521	59	514	137	100	12	224	9.8	911	464800	Below LOD	16.99	0.079	2.35	4.86	0.22	23.70	7.25	85.5	29.4	136.0	26.3	223.0	43.6	9710	1.70	226.4	372.0	0.61	5.10	14.44	7.23	
28-268_8	1563	74	7/6	0.2709	0.0040	3.5700	0.4800	0.0968	0.0038	1545	20	1546	110	1563	74	100	7	232	11.0	929	478000	Below LOD	17.49	0.142	2.94	5.96	1.50	26.60	8.11	85.9	31.0	141.9	28.6	258.2	52.2	10100	0.31	181.3	168.0	1.08	6.08	14.94	7.48	
28-268_9	1094	158	7/6	0.2230	0.0067	2.3300	0.3500	0.0760	0.0060	1296	35	1202	100	1094	158	108	9	267	15.1	674	464700	Below LOD	31.60	0.203	2.22	4.17	0.73	19.80	5.41	63.8	22.9	104.3	21.0	192.0	39.3	9660	1.30	128.0	90.0	1.42	6.16	11.54	8.61	
28-268_10	1221	112	7/6	0.2048	0.0050	2.2700	0.3200	0.0810	0.0046	1200	27	1189	100	1221	112	101	9	277	9.9	1181	466200	Below LOD	7.77	0.147	2.18	5.80	0.54	29.50	9.46	116.9	40.7	186.0	35.4	310.0	58.9	9810	1.48	74.5	127.0	0.59	5.04	18.50	8.94	
28-268_11	1189	116	7/6	0.2014	0.0030	2.2400	0.3200	0.0797	0.0047	1183	16	1178	100	1189	116	100	9	266	12.7	730	471000	Below LOD	7.80	0.043	0.78	1.80	0.28	13.40	4.98	64.5	25.1	120.5	24.3	216.9	44.2	11460	0.99	85.4	133.2	0.64	6.86	11.51	8.58	
28-268_12	689	19	Pbcor6/38	0.1133	0.0034	1.0400	0.1800	0.0665	0.0067	692	19	702	88	821	210	100	13	178	23.7	875	447400	0.069	4.18	0.259	5.65	8.40	0.47	33.50	9.11	94.8	31.5	135.5	24.9	209.7	43.2	7320	0.57	77.2	67.4	1.15	4.56	13.91	5.74	
28-268_13	1128	193	7/6	0.1829	0.0044	1.9700	0.3200	0.0773	0.0075	1082	24	1076	120	1128	193	101	11	249	16.9	751	495000	0.286	7.32	0.211	2.04	4.10	0.43	15.20	5.59	68.2	24.7	117.8	24.8	213.0	43.7	10310	1.39	47.5	86.4	0.55	6.41	11.87	8.03	
28-268_14	536	10	Pbcor6/38	0.0866	0.0016	0.6760	0.0980	0.0568	0.0037	535	10	518	59	483	144	100	12	268	11.0	598	466000	Below LOD	10.40	0.136	1.63	3.84	0.26	18.20	5.39	58.5	20.5	88.8	17.0	154.0	30.7	10880	0.75	233.0	264.8	0.88	5.25	9.57	8.65	
28-268_15	1128	95	7/6	0.2035	0.0045	2.1360	0.2900	0.0773	0.0037	1193	24	1153	95	1128	95	103	9	224	5.8	537	461900	0.064	10.99	0.058	0.60	1.08	0.15	9.10	3.19	43.3	17.2	89.5	19.2	185.2	39.6	10740	1.18	128.4	164.3	0.78	9.14	8.74	7.23	
28-268_16	1213	88	7/6	0.1996	0.0025	2.2200	0.3000	0.0807	0.0036	1173	14	1178	98	1213	88	100	8	234	15.4	614	478500	0.132	11.24	0.282	1.65	2.06	0.24	12.50	4.45	56.1	20.7	100.0	20.2	183.9	36.0	11270	2.00	146.4	265.1	0.55	6.41	9.89	7.55	
28-268_17	1261	144	7/6	0.1994	0.0042	2.2300	0.3300	0.0827	0.0061	1171	23	1174	110	1261	144	100	10	456	5.3	1061	487500	Below LOD	6.20	0.061	1.11	2.21	0.08	19.00	7.08	90.2	36.0	176.6	36.6	329.0	65.0	12450	1.39	57.2	107.9	0.53	7.21	16.47	14.71	
28-268_18	1156	154	7/6	0.1837	0.0042	1.9600	0.2900	0.0784	0.0061	1087	23	1085	100	1156	154	100	9	208	9.0	504	474900	Below LOD	6.68	Below LOD	0.78	1.72	0.17	9.40	3.44	43.2	17.3	85.7	16.6	156.8	31.3	10950	1.63	40.9	95.1	0.43	7.24	7.95	6.71	
28-268_19	774	10	6/38	0.1276	0.0017	1.2790	0.1700	0.0792	0.0023	774	10	835	76	1176	57	93	9	674	Below LOD	854	446100	Below LOD	7.27	Below LOD	Below LOD	0.75	0.21	6.20	3.08	56.9	27.5	162.1	42.3	475.0	106.6	13960	3.09	39.3	608.0	0.06	18.73	14.34	21.74	
28-268_20	1238	65	7/6	0.2087	0.0024	2.3430	0.3100	0.0817	0.0027	1222	13	1222	92	1238	65	100	8	195	6.5	577	457700	Below LOD	12.63	Below LOD	0.60	1.63	0.10	9.90	3.67	48.9	19.5	95.3	20.7	196.7	41.0	11370	1.47	218.1	336.0	0.65	8.38	9.40	6.29	
28-268_21	1280	163	7/6	0.2022	0.0055	2.3600	0.3600	0.0835	0.0070	1187	30	1226	110	1280	163	97	9	218	8.7	563	506000	0.460	15.70	0.680	3.70	3.20	0.36	12.10	3.32	45.2	17.9	89.2	20.7	215.0	43.2	12330	1.82	162.7	271.0	0.60	9.56	9.36	7.03	
28-268_22	1213	154	7/6	0.2020	0.0047	2.2400	0.3400	0.0807	0.0063	1185	25	1165	110	1213	154	102	10	241	12.0	899	472500	Below LOD	6.91	Below LOD	0.93	3.00	0.24	20.20	6.73	80.8	29.9	140.2	27.9	245.6	49.3	10540	1.36	43.0	70.4	0.61	6.10	13.98	7.77	
28-268_23	1242	89	7/6	0.2076	0.0032	2.3500	0.3200	0.0819	0.0037	1216	17	1225	91	1242	89	99	8	235	5.5	681	463100	Below LOD	11.60	0.034	0.65	1.77	0.11	10.90	4.44	57.8	22.2	114.6	23.4	218.0	45.1	11350	1.28	88.2	168.0	0.53	7.80	10.91	7.58	
28-268_25	1364	204	7/6	0.2085	0.0054	2.5400	0.4200	0.0872	0.0092	1220	29	1257	120	1364	204	97	10	301	45.1	322	466000	0.690	32.70	0.640	5.93	5.29	1.53	14.30	3.49	32.5	10.1	46.0	9.1	83.2	17.2	9040	0.26	115.8	52.4	2.21	5.28	6.20	9.71	
28-268_27	1221	136	7/6	0.2258	0.0057	2.4500	0.3500	0.0810	0.0056	1312	30	1254	110	1221	136	105	9	285	14.3	531	442800	1.010	11.40	0.380	2.41	1.86	0.24	10.40	3.44	45.0	17.1	86.5	18.6	172.0	36.2	9930	0.98	62.7	100.0	0.63	8.04	8.68	9.19	
28-268_28	1199	204	7/6	0.2150	0.0072	2.3700	0.3800	0.0801	0.0083	1254	38	1193	120	1199	204	105	11	240	15.5	450	469000	Below LOD	6.10	0.086	1.02	1.59	0.20	9.50	3.27	40.6	14.8	71.1	14.6	131.0	26.8	9650	0.59	34.7	42.7	0.81	6.60	7.14	7.74	
28-268_29	1240	91	7/6	0.1995	0.0027	2.2700	0.3100	0.0818	0.0038	1172	14	1195	97	1240	91	98	8	237	12.3	848	463000	0.253	12.80	0.149	1.84	2.49	0.37	15.10	5.55	73.9	27.7	140.4	29.1	269.0	54.6	10350	1.08	170.1	190.0	0.90	7.39	13.60	7.65	
28-268_30	1493	183	7/6	0.1848	0.0070	2.4000	0.3900	0.0933	0.0090	1091	38	1195	120	1493	183	91	10	354	20.0	687	468500	0.087	6.81	0.132	1.65	3.51	1.39	19.20	5.85	67.5	25.0	105.4	21.2	188.4	37.2	9950	0.67	56.2	43.9	1.28	5.51	10.96	11.42	
28-268_31	1275	115	7/6	0.2058	0.0034	2.3300	0.3200	0.0833	0.0049	1206	18	1216	100	1275	115	99	8	223	9.4	622	457300	0.120	9.44	0.096	1.19	2.11	0.15	10.70	3.86	52.2	21.1	104.0	22.4	206.5	42.4	11800	1.18	83.1	154.6	0.54	8.12	9.98	7.19	
28-268_32	1169	161	7/6	0.2030	0.0056	2.2300	0.3500	0.0789	0.0064	1190	30	1170	110	1169	161	102	10	229	15.8	719	497000	0.051	5.14	0.082	2.13	4.20	0.20	18.50	6.20	69.9	24.2	111.3	21.3	178.0	35.1	10580	0.60	71.3	81.7	0.87	5.02	11.24	7.39	
28-268_34	1199	118	7/6	0.1968	0.0037	2.1700	0.3100	0.0801	0.0048	1157	20	1164	96	1199	118	99	8	307	9.4	808	481700	0.047	7.20	0.114	1.80	3.45	0.58	17.00	6.18	76.9	27.4	127.2	25.5	222.2	45.0	10850	0.75	79.0	104.5	0.76	5.85	12.79	9.90	
28-268_35	811	14	Pbcor6/38	0.1340	0.0024	1.2130	0.1700	0.0663	0.0033	811	14	803	75	815	104	101	10	318	9.6	927	440700	Below LOD	7.71	0.077	1.20	2.83	0.11	18.50	6.44	83.1	31.8	148.7	29.2	252.2	49.5	10030	1.47	118.8	330.6	0.36	5.96	14.39	10.26	
28-268_36	1235	84	7/6	0.2199	0.0027	2.4900	0.3400	0.0816	0.0035	1281	14	1261	99	1235	84	102	8	183	8.3	422	457500	0.043	9.85	0.054	0.81	1.58	0.19	9.00	2.73	35.0	14.0	65.8	14.4	134.0	28.1	11430	0.91	116.1	216.0	0.54	8.01	6.85	5.90	
28-268_37	1223	78	7/6	0.1978	0.0024	2.2090	0.3000	0.0811	0.0032	1163	13	1178	95	1223	78	99	8	618	6.9	1303	475800	Below LOD	9.40	0.084	1.36	3.11	0.32	21.60	8.30	109.9	43.6	221.8	47.3	436.0	90.3	11240	1.35	97.4	255.4	0.38	8.22	20.56	19.94	S
28-268_38	1169	60	7/6	0.2127	0.0036	2.3080	0.3000	0.0789	0.0024	1243	19	1218	100	1169	60	102	9	790	9.6	2110	479000	1.100	29.20	1.920	15.10	17.20	4.80	60.00	19.40	220.0	62.1	254.0	45.9	396.0	77.9	14150	2.67	350.0	627.0	0.56	3.54	33.37	25.48	
28-268_39	1254	95	7/6	0.2040	0.0035	2.3000	0.3100	0.0824	0.0040	1197	19	1204	95	1254	95	99	8	284	8.7	771	468000	0.240	13.41	0.139	0.97	2.39	0.20	15.20	5.31	66.2	26.4	127.6	26.6	240.9	49.1	10600	1.37	110.2	190.2	0.58	7.42	12.38	9.16	
28-268_40	1225	123	7/6	0.2060	0.0032	2.3300	0.3400	0.0812	0.0051	1208	17	1214	100	1225	123	100	8	110	Below LOD	328	497000	Below LOD	6.45	Below LOD	Below LOD	0.47	0.12	4.10	1.46	21.6	9.6	57.4	15.6	165.0	39.9	15860	1.40	122.2	296.0	0.41	18.47	5.58	3.55	
28-268_41	1452	106	7/6	0.1800	0.0030	2.2500	0.3100	0.0913	0.0051	1067	16	1192	99	1452	106	90	8	396	25.4	1470	504300	1.670	48.30	2.680	14.70	13.80	3.94	39.40	12.80	148.0	47.9	217.0	45.5	392.0	78.6	12140	2.05	267.0	370.0	0.72	5.31	24.74	12.77	
28-268_42	1123	145	7/6	0.2067	0.0034	2.2200	0.3300	0.0771	0.0056	1211	18	1178	100	1123	145	103	9	321	6.4	960	494200	0.350	15.20	0.400	2.52	3.50	0.57	18.50	6.16	82.3	32.5	158.0	33.7	308.0	61.6	13970	1.03	142.1	171.0	0.83	7.48	15.38	10.35	
28-268_106	1211	147	7/6	0.2063	0.0055	2.3000	0.3500	0.0806	0.0060	1208	29	1185	110	1211	147	102	10	295	15.2	703	471600	Below LOD	8.23	0.067	0.87	2.70	0.35	15.40	5.12	62.3	23.8	114.3	23.8	211.2	42.1	9580	1.00	39.3	46.7	0.84	6.76	11.10	9.52	
28-268_107	1191	124	7/6	0.2014	0.0041	2.2300	0.3200	0.0798	0.0050	1182	22	1178	96	1191	124	100	8	201	15.3	495	468000	Below LOD	9.07	Below LOD	0.65	2.07	0.11	10.10	3.29	44.0	16.3	80.8	16.7	148.0	30.5	11140	1.44	63.8	95.5	0.67	6.93	7.94	6.48	
28-268_108	1191	72	7/6	0.1994	0.0019	2.2050	0.3000	0.0798	0.0029	1172	10	1182	98	1191	72	99	8	314	9.9	681	466300	0.128	15.91	0.121	0.86	1.90	0.29	11.90	4.25	55.1	21.9	111.7	23.3	217.0	43.3	11610	1.53	251.6	364.7	0.69	7.86	10.97	10.13	
28-268_109	1076	171	7/6	0.1983	0.0066	2.0600	0.3200	0.0753	0.0064	1165	36	1126	110	1076	171	103	11	144	17.1	719	471600	Below LOD	3.91	0.232	4.22	6.40	0.72	26.80	7.06	77.4	25.2	113.7	21.4	180.0	37.7	7870	0.58	41.8	43.0	0.97	4.87	11.46	4.65	
28-268_110	1016	216	7/6	0.2200	0.0110	2.2700	0.3700	0.0731	0.0078	1281	58	1197	120	1016	216	107	12	77	Below LOD	323	535000	Below LOD	0.11	Below LOD	Below LOD	Below LOD	Below LOD	0.74	0.51	12.1	7.9	60.4	18.8	222.0	62.6	13600	1.22	0.3	76.0	0.00	51.74	5.61	2.48	
28-268_111	1138	105	7/6	0.2052	0.0030	2.2400	0.3100	0.0777	0.0041	1203	16	1198	110	1138	105	100	9	288	7.7	530	497900	0.700	20.40	0.300	1.40	1.82	0.25	6.60	2.45	37.6	17.1	100.0	20.3	191.0	41.9	14260	2.57	86.3	288.6	0.30	11.14	8.90	9.29	
28-268_112	1335	162	7/6	0.2036	0.0048	2.4100	0.3700	0.0859	0.0072	1194	26	1218	110	1335	162	98	9	252	13.2	541	454800	Below LOD	4.95	0.064	0.72	1.58	0.27	10.92	3.78	48.3	18.5	87.0	17.6	157.4	31.6	8960	0.93	32.1	59.9	0.54	6.55	8.48	8.13	
28-268_113	1308	80	7/6	0.2046	0.0030	2.4000	0.3200	0.0847	0.0035	1199	16	1235	98	1308	80	97	8	212	14.0	496	464600	Below LOD	9.60	Below LOD	0.54	1.51	0.09	8.80	3.27	42.4	16.1	79.5	16.9	149.9	30.8	10500	1.31	97.0	188.7	0.51	7.26	7.93	6.84	
28-268_114	1161	121	7/6	0.1920	0.0033	2.0800	0.2900	0.0786	0.0048	1132	18	1129	99	1161	121	100	9	271	9.3	972	467800	Below LOD	11.94	Below LOD	1.15	3.11	0.14	18.90	6.87	85.1	33.0	158.1	30.8	268.0	53.5	12280	1.86	124.8	106.8	1.17	6.29	15.21	8.74	
28-268_115	1181	92	7/6	0.2095	0.0044	2.3300	0.3200	0.0794	0.0037	1226	23	1209	96	1181	92	101	9	271	10.7	1040	468000	0.270	9.27	0.316	2.82	4.90	0.66	25.40	8.10	98.0	36.0	168.0	32.9	286.0	58.7	10600	1.71	119.0	212.0	0.56	5.99	16.46	8.74	
28-268_116	1261	76	7/6	0.2278	0.0024	2.6100	0.3500	0.0827	0.0032	1323	13	1298	99	1261	76	102	8	235	4.6	1060	461700	0.040	20.60	0.094	1.26	2.81	0.36	20.60	7.01	95.3	35.9	174.0	36.5	317.0	65.5	11070	1.50	192.0	266.0	0.72	6.87	17.15	7.58	
28-268_117	1169	98	7/6	0.2066	0.0023	2.2500	0.3100	0.0789	0.0039	1211	12	1189	96	1169	98	101	8	184	4.4	428	474600	Below LOD	11.87	Below LOD	0.41	0.81	0.10	6.60	2.30	33.0	13.8	73.3	17.4	164.7	35.8	13320	2.19	96.7	238.3	0.41	10.85	7.10	5.94	
28-268_118	1136	164	7/6	0.2175	0.0068	2.2900	0.3500	0.0776	0.0064	1267	36	1194	110	1136	164	106	10	288	13.2	1340	469000	Below LOD	7.03	0.204	2.67	6.40	0.51	33.30	10.80	125.0	44.9	205.0	39.0	327.0	63.6	9340	0.86	94.0	85.0	1.11	5.09	20.62	9.29	
28-268_119	1233	87	7/6	0.2093	0.0028	2.3920	0.3200	0.0815	0.0036	1225	15	1235	97	1233	87	99	8	255	13.0	931	464000	0.204	17.18	0.310	2.64	4.67	0.55	21.90	7.37	87.3	31.3	148.0	29.5	257.0	51.3	10460	1.27	211.0	192.0	1.10	5.88	14.98	8.23	
28-268_120	414	9	Pbcor6/38	0.0667	0.0015	0.5430	0.0840	0.0589	0.0050	416	9	439	52	562	185	100	11	244	26.0	1195	485900	0.113	16.86	0.431	5.91	7.50	0.75	33.20	10.05	112.3	40.3	182.3	34.1	291.0	56.5	6940	2.72	379.0	200.0	1.90	5.03	18.81	7.87	
28-268_121	701	15	6/38	0.1150	0.0026	1.1770	0.1600	0.0817	0.0036	701	15	785	77	1238	86	89	9	867	10.4	1780	446800	0.261	16.00	0.940	10.30	15.00	5.10	52.50	17.90	187.0	63.3	275.0	54.6	490.0	98.0	11660	1.53	224.0	294.5	0.76	5.24	28.78	27.97	S
28-268_122	529	34	Pbcor6/38	0.0870	0.0057	0.8400	0.2500	0.0720	0.0210	537	34	560	150	985	594	102	26	243	23.0	482	453800	Below LOD	7.32	Below LOD	1.77	2.53	0.38	12.70	4.10	43.6	16.1	75.7	15.5	133.3	27.3	9280	0.43	28.2	30.2	0.93	6.26	7.64	7.84	
28-268_123	1223	56	7/6	0.2232	0.0028	2.5070	0.3300	0.0811	0.0023	1298	15	1270	96	1223	56	102	8	1315	3.6	2486	465700	Below LOD	2.18	0.068	0.77	2.15	0.19	23.60	12.30	189.7	81.0	425.0	93.2	844.0	169.7	12970	1.30	57.4	455.0	0.13	8.95	38.07	42.42	S
28-268_124	662	11	6/38	0.1082	0.0019	0.9910	0.1400	0.0717	0.0037	662	11	695	70	977	105	95	10	266	5.8	795	458500	Below LOD	13.26	0.077	1.20	2.91	0.18	17.20	5.53	71.7	26.6	129.6	25.5	214.0	41.6	10200	2.26	187.4	357.3	0.52	5.80	12.56	8.58	
28-268_125	706	14	6/38	0.1157	0.0024	1.1150	0.1600	0.0728	0.0040	706	14	752	79	1216	136	94	10	275	12.1	759	451400	Below LOD	11.95	0.050	1.20	2.24	0.34	15.10	5.67	66.6	25.3	128.0	25.5	232.2	47.2	10010	1.65	112.7	110.8	1.02	7.09	12.11	8.87	
28-268_126	1362	170	7/6	0.2002	0.0049	2.4100	0.3700	0.0871	0.0077	1176	26	1225	120	1362	170	96	10	338	21.5	1190	467000	Below LOD	10.17	0.290	4.50	8.50	1.09	38.50	10.71	123.6	41.5	183.8	33.4	286.9	53.4	9200	0.78	81.9	59.4	1.38	4.32	18.74	10.90	
28-268_128	1360	222	7/6	0.1947	0.0067	2.2900	0.3800	0.0870	0.0100	1146	36	1182	120	1360	222	97	10	471	12.5	1008	442700	Below LOD	6.41	0.081	1.63	3.08	0.19	23.50	7.83	93.1	34.8	162.4	31.6	289.0	57.8	10770	0.88	93.1	75.4	1.23	6.21	15.78	15.19	S
28-268_129	1247	200	7/6	0.2089	0.0067	2.3600	0.3900	0.0821	0.0084	1221	36	1194	130	1247	200	102	12	271	11.6	894	479000	Below LOD	5.90	0.084	0.84	3.90	0.34	20.50	6.95	84.3	30.8	142.0	27.7	237.0	47.9	10150	0.82	43.6	44.5	0.98	5.68	13.96	8.74	
28-268_130	1199	96	7/6	0.2004	0.0034	2.2200	0.3000	0.0801	0.0039	1177	19	1177	97	1199	96	100	8	661	7.7	1244	465500	Below LOD	5.33	0.044	1.61	3.76	0.15	25.90	8.54	113.8	42.8	206.4	42.7	377.0	77.3	10970	0.60	77.3	152.0	0.51	6.79	19.52	21.32	S
28-268_131	1032	123	7/6	0.1978	0.0038	2.0200	0.2900	0.0737	0.0045	1163	20	1106	98	1032	123	105	9	217	12.8	511	464000	Below LOD	8.72	Below LOD	Below LOD	1.59	0.29	8.30	3.36	42.1	16.6	85.1	18.5	172.8	37.1	10410	0.64	65.9	112.2	0.59	8.81	8.23	7.00	
28-268_132	1086	148	7/6	0.2004	0.0046	2.1300	0.3100	0.0757	0.0056	1177	25	1154	100	1086	148	102	9	282	Below LOD	666	510700	0.280	13.10	0.330	1.90	1.87	0.21	9.20	3.66	53.7	22.2	114.6	26.6	237.6	53.0	15710	2.26	111.5	303.0	0.37	9.87	10.93	9.10	
28-268_133	1259	85	7/6	0.1971	0.0028	2.2480	0.3000	0.0826	0.0036	1160	15	1190	98	1259	85	97	8	288	19.2	725	464500	0.161	8.76	0.300	2.29	3.17	0.36	15.10	5.52	64.4	24.0	114.9	23.7	208.0	41.2	10060	1.15	123.7	226.0	0.55	6.40	11.44	9.29	
28-268_134	879	20	6/38	0.1461	0.0036	1.4700	0.2200	0.0794	0.0066	879	20	909	89	1181	164	97	10	276	8.7	1651	432900	0.180	11.40	0.220	4.30	7.50	0.74	43.80	14.04	163.8	57.7	268.4	47.3	394.0	75.9	9150	1.89	112.5	160.0	0.70	4.63	25.77	8.90	
28-268_135	636	12	6/38	0.1037	0.0021	0.9770	0.1400	0.0789	0.0041	636	12	686	69	1169	103	93	9	225	10.4	707	480300	Below LOD	29.80	0.071	1.32	2.78	0.51	12.60	4.57	59.2	23.5	116.1	25.0	241.7	51.3	10850	0.71	97.1	120.0	0.81	8.67	12.03	7.26	
28-268_136	1199	84	7/6	0.2142	0.0035	2.3750	0.3200	0.0801	0.0034	1251	18	1234	92	1199	84	101	8	257	14.0	743	460500	Below LOD	12.34	0.110	1.56	3.00	0.19	15.50	5.38	68.9	25.1	118.0	24.8	215.0	42.9	10130	1.01	188.0	189.0	0.99	6.23	11.89	8.29	
28-268_137	1201	116	7/6	0.1947	0.0037	2.1600	0.3000	0.0802	0.0047	1146	20	1162	94	1201	116	99	8	257	13.2	616	479800	Below LOD	13.84	Below LOD	0.47	1.64	0.17	11.20	3.70	51.6	20.1	101.7	22.0	196.7	41.6	11730	1.06	99.2	135.7	0.73	8.07	9.98	8.29	
28-268_138	1371	97	7/6	0.1981	0.0045	2.4300	0.3300	0.0875	0.0044	1165	24	1248	100	1371	97	93	8	257	14.5	2310	504000	1.200	146.00	3.270	32.60	26.10	6.80	62.00	17.50	197.0	70.4	363.0	78.3	718.0	148.0	18810	7.58	274.0	626.0	0.44	7.51	40.84	8.29	
28-268_139	1282	105	7/6	0.2241	0.0046	2.5900	0.3600	0.0836	0.0045	1303	24	1291	100	1282	105	101	8	301	14.7	686	471000	0.106	20.20	0.126	1.83	3.34	0.60	15.50	5.22	60.7	22.0	113.6	23.1	211.0	45.0	10630	1.08	97.0	119.0	0.82	7.41	11.39	9.71	
28-268_140	1213	80	7/6	0.2101	0.0028	2.3280	0.3100	0.0807	0.0033	1229	15	1217	97	1213	80	101	8	361	8.3	885	442800	0.220	35.90	0.162	1.83	2.42	0.28	14.90	5.65	73.5	28.8	150.1	33.1	309.0	65.0	11810	4.05	316.0	374.0	0.84	8.84	15.06	11.65	
28-268_141	1176	105	7/6	0.1939	0.0037	2.1500	0.3000	0.0792	0.0042	1142	20	1153	96	1176	105	99	8	204	7.1	600	483300	Below LOD	7.90	Below LOD	0.72	1.47	0.13	10.00	4.14	51.3	20.3	101.7	19.7	183.7	36.8	11820	2.58	53.8	123.5	0.44	7.17	9.46	6.58	
28-268_142	1403	155	7/6	0.1976	0.0059	2.4200	0.3600	0.0890	0.0072	1161	32	1233	100	1403	155	94	8	244	21.7	432	479000	0.179	7.59	0.072	1.00	1.31	0.13	8.20	3.09	37.9	14.6	71.2	14.5	128.6	25.6	10270	0.77	61.5	50.3	1.22	6.74	6.91	7.87	
28-268_143	1282	128	7/6	0.2071	0.0048	2.4000	0.3500	0.0836	0.0055	1213	26	1222	110	1282	128	99	9	192	10.7	455	461700	Below LOD	8.02	Below LOD	0.38	1.10	0.15	7.85	3.21	40.6	15.5	78.8	16.1	148.4	31.1	11410	1.42	88.4	77.4	1.14	7.66	7.37	6.19	
28-268_144	1440	78	7/6	0.2656	0.0040	3.3400	0.4500	0.0907	0.0037	1518	20	1482	110	1440	78	102	8	394	12.7	1238	463600	Below LOD	11.04	0.115	2.08	4.06	0.36	25.70	8.58	110.2	41.6	201.2	40.8	364.8	73.2	9480	0.76	108.7	153.1	0.71	6.64	19.43	12.71	
28-268_145	836	18	Pbcor6/38	0.1411	0.0031	1.4900	0.2200	0.0824	0.0063	850	18	914	90	1254	150	106	9	234	12.2	465	462200	Below LOD	24.70	0.041	0.58	1.93	0.32	8.90	3.04	40.2	15.4	76.4	17.3	171.5	37.0	10940	1.48	147.8	114.4	1.29	9.20	8.19	7.55	
28-268_146	702	10	6/38	0.1151	0.0017	1.1900	0.1600	0.0852	0.0037	702	10	800	68	1319	84	88	8	287	7.0	541	504900	Below LOD	8.80	0.036	0.47	1.33	0.37	7.40	2.95	39.5	16.7	94.3	21.5	236.0	60.4	11650	0.42	112.0	244.0	0.46	15.29	9.13	9.26	
28-268_147	1099	144	7/6	0.2037	0.0051	2.1800	0.3300	0.0762	0.0055	1195	27	1178	95	1099	144	101	8	390	13.1	748	439100	0.790	15.20	0.420	2.46	2.04	0.30	13.70	5.02	64.8	26.3	125.4	26.6	233.1	48.8	9560	1.77	98.8	154.5	0.64	7.53	12.15	12.58	
28-268_148	971	151	7/6	0.2071	0.0049	2.0500	0.3000	0.0715	0.0053	1213	26	1120	110	971	151	108	11	324	8.5	708	471000	Below LOD	8.43	0.056	0.62	2.30	0.15	12.80	4.65	63.7	24.7	117.5	24.2	205.9	42.4	10450	1.22	52.1	72.7	0.72	6.66	11.20	10.45	
28-268_150	1194	44	7/6	0.2031	0.0019	2.2540	0.2900	0.0799	0.0018	1192	10	1196	92	1194	44	100	8	141	Below LOD	471	467200	Below LOD	9.47	Below LOD	0.43	0.52	0.09	4.53	2.19	32.0	14.1	81.1	21.1	229.2	52.5	14650	2.57	221.3	907.0	0.24	16.41	7.93	4.55	
28-268_151	1149	142	7/6	0.2122	0.0043	2.3100	0.3400	0.0781	0.0056	1245	24	1224	100	1149	142	102	9	374	18.8	1544	482200	Below LOD	10.63	0.431	6.19	11.40	0.95	49.00	14.31	161.0	52.6	232.0	42.4	349.0	67.1	9790	1.14	110.0	92.0	1.20	4.17	24.19	12.06	
28-268_152	1233	77	7/6	0.2081	0.0024	2.3550	0.3200	0.0815	0.0032	1218	13	1223	97	1233	77	100	8	202	5.5	569	479500	Below LOD	9.35	Below LOD	0.56	1.22	0.10	8.60	3.36	47.3	18.6	93.6	21.4	196.0	42.3	12300	1.19	147.6	260.0	0.57	8.94	9.19	6.52	
28-268_153	1431	156	7/6	0.2424	0.0053	3.0200	0.4700	0.0903	0.0074	1399	27	1395	120	1431	156	100	9	288	14.5	1170	445100	Below LOD	19.70	0.200	1.43	4.20	0.54	23.90	8.50	99.0	39.6	195.0	38.9	367.0	75.5	9810	0.79	113.0	137.0	0.82	7.63	18.70	9.29	
28-268_154	412	8	6/38	0.0659	0.0012	0.5090	0.0710	0.0606	0.0033	412	8	416	47	624	117	99	11	359	10.6	548	449200	Below LOD	4.81	0.249	3.69	7.60	0.55	27.20	7.07	61.6	18.9	75.1	13.2	113.0	22.1	9040	0.26	182.4	446.8	0.41	3.59	8.69	11.58	
28-268_155	1230	137	7/6	0.1973	0.0046	2.2100	0.3100	0.0814	0.0057	1160	25	1168	100	1230	137	99	9	341	7.0	985	488100	0.053	8.31	0.127	1.66	4.16	0.36	22.10	7.65	90.7	33.4	155.3	30.9	267.0	53.2	10270	1.18	61.6	78.2	0.79	5.87	15.43	11.00	
28-268_157	1068	145	7/6	0.2282	0.0049	2.3300	0.3400	0.0750	0.0054	1325	26	1209	100	1068	145	110	9	218	12.5	426	449700	1.140	22.70	0.250	2.47	2.49	0.37	10.10	2.92	39.0	14.1	67.9	14.8	138.3	30.4	10200	1.02	182.8	183.0	1.00	7.79	7.55	7.03	
28-268_158	1225	111	7/6	0.1922	0.0036	2.1700	0.3000	0.0812	0.0046	1133	20	1164	110	1225	111	97	9	259	12.8	728	472100	Below LOD	11.26	0.067	1.40	2.86	0.21	14.20	5.06	66.1	24.0	120.1	24.5	224.0	45.1	9860	1.01	76.6	111.7	0.69	6.82	11.67	8.35	
28-268_159	1333	183	7/6	0.2174	0.0056	2.6100	0.4200	0.0858	0.0081	1267	30	1278	120	1333	183	99	10	258	15.5	655	485000	0.640	21.50	0.239	1.89	2.76	0.18	13.40	4.48	58.7	21.7	106.3	21.7	185.1	38.8	10590	1.16	132.7	97.1	1.37	6.61	10.86	8.32	
28-268_160	1019	160	7/6	0.2071	0.0043	2.1000	0.3200	0.0732	0.0058	1213	23	1134	100	1019	160	107	10	219	6.5	587	476200	Below LOD	7.69	Below LOD	0.83	1.46	0.16	11.10	3.64	50.3	20.1	96.0	19.8	176.9	36.2	12880	2.46	44.2	121.0	0.37	7.20	9.26	7.06	
28-268_161	1176	122	7/6	0.2140	0.0041	2.3600	0.3300	0.0792	0.0049	1250	22	1219	110	1176	122	103	9	349	8.1	1291	484000	Below LOD	13.07	0.169	2.86	5.72	0.44	33.30	9.96	121.3	43.0	197.4	38.2	328.0	66.8	10260	0.62	169.9	145.0	1.17	5.51	20.25	11.26	
28-268_162	1159	56	7/6	0.1990	0.0025	2.1730	0.2900	0.0785	0.0022	1170	14	1170	92	1159	56	100	8	297	8.1	760	477400	Below LOD	17.54	0.090	0.81	1.74	0.26	13.30	4.69	66.2	25.4	129.2	27.2	245.9	49.0	13060	2.45	245.3	407.0	0.60	7.40	12.35	9.58	
28-268_163	999	218	7/6	0.1910	0.0059	1.9200	0.3200	0.0725	0.0078	1126	32	1044	110	999	218	108	12	348	18.8	866	492000	0.073	7.78	0.173	2.95	3.71	0.46	21.30	7.12	83.9	29.3	133.7	26.6	231.0	45.9	9790	0.59	70.3	41.8	1.68	5.47	13.68	11.23	
28-268_164	1206	135	7/6	0.2098	0.0046	2.3800	0.3500	0.0804	0.0055	1227	24	1235	94	1206	135	99	8	265	15.9	714	478400	Below LOD	8.59	0.101	1.26	2.39	0.43	15.80	5.55	64.9	24.1	113.9	23.8	214.0	43.2	9820	0.70	55.4	83.5	0.66	6.66	11.34	8.55	
28-268_165	1138	110	7/6	0.1995	0.0035	2.1500	0.3000	0.0777	0.0043	1172	19	1161	92	1138	110	101	8	305	9.1	1010	487900	Below LOD	46.00	0.090	2.52	5.44	1.10	27.80	8.51	97.4	34.5	159.9	31.4	276.2	56.2	9980	1.40	194.2	135.8	1.43	5.77	17.24	9.84	
28-268_166	1230	178	7/6	0.2072	0.0060	2.3100	0.3600	0.0814	0.0074	1213	32	1218	94	1230	178	100	8	248	63.0	665	438300	0.250	11.00	Below LOD	1.42	2.28	0.25	13.80	5.01	59.6	23.0	108.8	22.5	187.2	38.1	9410	0.55	109.1	133.1	0.82	6.39	10.62	8.00	
28-268_167	889	31	7/6	0.1920	0.0057	1.8500	0.3100	0.0687	0.0075	1131	31	1019	110	889	226	111	12	305	20.6	1097	481900	Below LOD	5.43	0.079	2.12	4.07	0.37	27.40	8.77	108.4	39.4	173.0	32.8	277.0	54.7	9110	1.01	47.9	45.4	1.05	5.05	17.11	9.84	
28-268_169	1278	119	7/6	0.2105	0.0045	2.4200	0.3400	0.0834	0.0051	1231	24	1244	95	1278	119	99	8	386	9.8	1432	469700	Below LOD	13.82	Below LOD	2.02	5.20	0.20	31.40	11.11	134.6	48.3	226.0	42.5	368.0	73.7	10780	1.90	139.9	133.2	1.05	5.48	22.43	12.45	
28-268_170	1337	135	7/6	0.1893	0.0039	2.2400	0.3200	0.0860	0.0060	1117	21	1176	100	1337	135	95	8	349	16.3	635	483100	Below LOD	18.48	0.063	0.89	2.86	0.35	13.80	4.59	55.4	21.6	103.0	22.3	211.0	43.7	10810	1.25	114.7	91.5	1.25	7.89	10.52	11.26	
28-268_171	1196	54	7/6	0.2083	0.0015	2.3380	0.3100	0.0800	0.0022	1220	8	1222	93	1196	54	100	8	94	Below LOD	280	490500	0.042	3.20	0.155	0.46	Below LOD	0.11	1.98	1.09	16.0	7.6	51.8	13.5	156.8	39.6	18320	2.40	80.0	873.0	0.09	24.75	4.79	3.03	
28-268_173	1225	94	7/6	0.2042	0.0035	2.3100	0.3100	0.0812	0.0039	1197	19	1206	98	1225	94	99	8	315	10.7	867	469300	Below LOD	42.80	0.074	1.21	3.09	0.48	16.60	5.89	72.1	29.1	142.8	29.6	282.0	59.3	10980	1.46	214.3	156.6	1.37	8.22	14.86	10.16	
28-268_174	1247	124	7/6	0.2127	0.0037	2.4500	0.3500	0.0821	0.0052	1243	19	1266	110	1247	124	100	9	314	12.6	912	494000	0.082	14.22	0.068	1.92	4.00	0.83	20.70	6.77	83.4	29.9	144.0	29.4	259.0	53.0	10410	1.00	151.2	178.8	0.85	6.35	14.61	10.13	
28-268_175	1397	97	7/6	0.2312	0.0041	2.8500	0.4000	0.0887	0.0045	1340	22	1362	110	1397	97	98	8	282	Below LOD	1541	462700	0.072	15.30	0.149	4.12	7.80	0.99	42.90	12.54	149.5	54.1	236.0	45.3	377.0	76.0	9250	0.50	131.8	168.7	0.78	5.08	24.26	9.10	
28-268_176	1362	93	7/6	0.1958	0.0034	2.3400	0.3300	0.0871	0.0042	1152	18	1221	100	1362	93	94	8	887	50.0	1096	433300	2.370	38.00	3.470	23.70	19.10	5.26	38.30	10.60	109.3	36.6	161.5	31.5	278.3	54.3	9500	1.78	238.7	400.4	0.60	4.97	18.48	28.61	
28-268_177	1156	154	7/6	0.1925	0.0047	2.1100	0.3200	0.0784	0.0061	1134	25	1130	110	1156	154	100	10	293	17.6	616	480600	Below LOD	30.50	Below LOD	0.92	1.59	0.40	12.90	3.96	51.4	20.7	99.4	21.8	197.8	42.7	10030	0.83	74.7	67.8	1.10	8.31	10.57	9.45	
28-268_178	1084	172	7/6	0.1984	0.0066	2.1100	0.3300	0.0756	0.0065	1166	35	1135	100	1084	172	103	10	310	10.5	676	451100	0.240	7.27	0.193	1.74	2.61	0.31	14.90	5.21	59.7	22.5	102.8	21.2	190.5	38.2	8910	1.37	47.6	80.4	0.59	6.40	10.62	10.00	
28-268_179	1030	135	7/6	0.2265	0.0084	2.3700	0.3600	0.0736	0.0049	1315	44	1227	110	1030	135	107	10	184	14.1	431	521000	1.380	30.30	1.520	7.10	5.80	0.86	11.50	3.36	38.9	14.4	67.4	16.1	162.1	38.3	11530	1.20	119.2	292.0	0.41	9.85	8.10	5.94	
28-268_180	528	22	Pbcor6/38	0.0850	0.0037	0.6600	0.1600	0.0540	0.0110	525	22	463	95	370	458	97	24	182	19.6	762	482000	Below LOD	8.64	0.490	7.30	10.10	1.53	37.60	9.72	89.9	26.5	105.3	18.0	142.0	27.5	8320	0.31	95.7	52.8	1.81	3.06	12.22	5.87	
28-268_181	1204	133	7/6	0.2021	0.0047	2.2600	0.3300	0.0803	0.0054	1186	25	1180	100	1204	133	101	9	407	15.1	1101	485900	0.890	11.27	0.550	4.36	5.60	1.14	29.10	9.31	107.0	38.5	173.9	34.2	290.4	59.4	9880	0.74	53.0	78.1	0.68	5.55	17.53	13.13	
28-268_182	1174	128	7/6	0.2047	0.0036	2.2400	0.3200	0.0791	0.0051	1200	20	1195	100	1174	128	100	9	264	10.2	653	466500	0.031	11.60	0.093	0.88	2.12	0.19	12.10	4.26	54.8	21.8	109.9	22.9	208.0	43.6	10070	1.05	88.9	117.7	0.76	7.96	10.50	8.52	
28-268_183	1273	103	7/6	0.2060	0.0045	2.4100	0.3300	0.0832	0.0044	1207	24	1234	99	1273	103	98	8	224	8.2	611	473100	Below LOD	8.19	Below LOD	0.40	1.50	0.18	11.10	4.33	53.5	20.7	99.2	21.3	194.9	40.6	11750	0.99	82.2	144.0	0.57	7.59	9.76	7.23	
28-268_184	1595	100	7/6	0.2914	0.0073	3.9700	0.5500	0.0985	0.0053	1648	36	1618	110	1595	100	102	7	254	8.9	476	448000	Below LOD	29.40	Below LOD	1.32	1.29	0.25	8.10	3.17	39.6	15.6	77.3	15.8	154.4	31.6	10750	0.97	86.7	112.0	0.77	7.98	8.32	8.19	
28-268_185	1201	79	7/6	0.2102	0.0029	2.3450	0.3100	0.0802	0.0032	1230	15	1220	96	1201	79	101	8	247	8.1	703	474100	Below LOD	13.87	Below LOD	0.90	2.24	0.25	12.90	4.58	60.7	23.3	114.5	22.5	204.7	41.8	10490	0.97	166.2	205.4	0.81	6.89	11.23	7.97	
28-268_186	1206	145	7/6	0.2048	0.0044	2.2900	0.3400	0.0804	0.0059	1201	23	1186	110	1206	145	101	10	351	24.5	1033	468900	0.075	8.79	0.167	3.28	6.30	1.15	27.80	8.91	104.0	36.0	162.0	30.7	264.0	51.5	9270	0.85	103.4	91.0	1.14	4.95	16.35	11.32	
28-268_187	1196	116	7/6	0.1962	0.0042	2.1800	0.3100	0.0800	0.0047	1155	22	1168	97	1196	116	99	8	213	3.8	830	480500	0.220	10.20	0.174	1.75	2.65	0.67	18.70	5.70	75.0	27.3	134.0	28.5	266.0	56.7	10010	0.83	115.0	160.6	0.72	7.56	13.41	6.87	
28-268_188	2735	74	7/6	0.5080	0.0140	13.4500	1.8000	0.1893	0.0085	2645	58	2695	130	2735	74	98	5	363	44.0	898	465000	0.042	46.30	0.103	2.84	4.49	1.35	20.50	6.69	80.0	29.8	142.4	28.2	251.4	52.8	8380	0.46	56.8	37.6	1.51	6.60	15.44	11.71	
28-268_189	1141	181	7/6	0.1978	0.0061	2.1200	0.3300	0.0778	0.0071	1162	33	1121	110	1141	181	104	11	266	72.0	810	455000	Below LOD	8.48	0.046	1.70	3.68	0.64	19.40	6.63	76.4	27.2	129.3	25.8	220.0	44.1	8930	0.40	46.6	49.4	0.94	5.78	12.78	8.58	
28-268_190	1225	94	7/6	0.2090	0.0030	2.3600	0.3200	0.0812	0.0039	1223	16	1221	99	1225	94	100	8	264	19.0	592	475000	0.056	11.61	0.102	1.08	2.01	0.31	12.50	4.22	53.6	19.3	95.3	19.2	169.2	35.2	9500	1.21	115.7	178.0	0.65	6.57	9.56	8.52	
28-268_191	1221	116	7/6	0.2123	0.0043	2.3800	0.3300	0.0810	0.0048	1240	23	1223	110	1221	116	101	9	335	11.1	746	483400	Below LOD	13.60	Below LOD	0.43	1.77	0.36	14.10	4.75	63.8	24.6	127.0	27.2	239.0	49.9	10980	1.18	80.7	112.0	0.72	7.82	12.02	10.81	
28-268_192	907	31	6/38	0.1512	0.0056	1.6700	0.3000	0.0860	0.0100	907	31	982	120	1337	224	92	12	649	18.7	1306	454500	Below LOD	14.90	0.183	3.30	6.40	1.79	32.80	10.74	127.4	43.8	203.7	39.4	340.0	67.7	9370	0.70	61.5	51.6	1.19	5.31	20.72	20.94	S
28-268_193	528	14	Pbcor6/38	0.0857	0.0024	0.7160	0.1100	0.0614	0.0059	530	14	542	69	652	206	101	13	310	19.6	1251	476800	0.056	11.83	0.506	6.30	10.70	1.37	44.70	12.68	129.3	42.6	184.2	33.4	273.0	52.1	9260	0.97	128.6	157.0	0.82	4.03	19.66	10.00	
28-268_194	613	10	Pbcor6/38	0.0994	0.0018	0.7920	0.1100	0.0574	0.0033	611	10	587	63	506	126	100	11	131	24.6	198	473100	0.053	8.65	0.275	4.39	7.07	0.39	25.60	4.95	30.9	6.4	17.7	2.2	12.4	2.0	11740	1.27	842.0	315.6	2.67	0.65	3.49	4.23	
28-268_195	1191	124	7/6	0.2004	0.0046	2.2100	0.3100	0.0798	0.0050	1177	25	1170	100	1191	124	101	9	269	11.1	718	470000	0.021	9.64	0.063	1.01	2.49	0.19	13.90	5.57	65.7	24.9	116.4	23.4	207.1	42.1	10310	1.71	56.6	96.7	0.59	6.41	11.44	8.68	
28-268_196	1171	250	7/6	0.2490	0.0140	2.8300	0.5400	0.0790	0.0100	1427	72	1300	150	1171	250	110	14	210	13.9	634	501000	Below LOD	3.74	0.105	0.84	2.51	0.30	13.70	4.41	57.9	21.0	100.0	20.3	187.0	40.7	10830	0.49	21.9	105.0	0.21	7.03	10.00	6.77	
28-268_198	1233	152	7/6	0.2074	0.0054	2.3600	0.3500	0.0815	0.0063	1214	29	1213	110	1233	152	100	9	175	14.7	560	505000	Below LOD	6.22	0.075	0.65	1.69	0.19	10.70	3.71	48.6	18.6	91.7	18.7	175.8	35.8	10800	0.85	42.6	92.0	0.46	7.37	8.85	5.65	
28-268_199	1509	66	7/6	0.1784	0.0070	2.1900	0.3100	0.0941	0.0033	1058	38	1176	93	1509	66	90	8	283	9.1	732	525000	0.330	17.20	0.350	3.10	2.50	0.37	11.40	4.67	59.5	24.3	127.7	27.0	255.0	54.7	15220	2.13	111.9	294.0	0.38	9.19	12.03	9.13	
28-268_200	1216	83	7/6	0.2145	0.0029	2.4100	0.3300	0.0808	0.0034	1252	16	1239	96	1216	83	101	8	272	6.1	651	464200	0.970	17.70	0.380	2.21	2.00	0.17	12.20	4.43	55.9	21.6	105.4	22.4	198.1	40.9	10710	1.33	205.3	270.3	0.76	7.32	10.68	8.77	
28-268_201	1046	258	7/6	0.2080	0.0084	2.1400	0.3800	0.0742	0.0095	1217	45	1139	120	1046	258	107	12	273	20.9	750	500200	Below LOD	8.96	0.109	0.96	3.33	0.45	15.40	5.48	69.1	25.3	117.2	24.6	218.9	43.4	10130	0.52	53.9	63.7	0.85	6.28	11.89	8.81	
28-268_202	1199	145	7/6	0.1995	0.0046	2.2100	0.3200	0.0801	0.0059	1172	25	1167	100	1199	145	100	9	235	11.4	825	472000	Below LOD	8.14	0.044	1.19	2.10	0.23	16.00	5.65	73.4	27.2	131.3	26.3	232.0	46.6	10510	0.92	90.0	94.8	0.95	6.35	12.91	7.58	
28-268_203	1331	138	7/6	0.2178	0.0047	2.6200	0.3800	0.0857	0.0061	1270	25	1296	100	1331	138	98	8	315	12.8	1268	505000	0.096	19.60	0.370	3.62	6.70	1.12	31.50	9.89	122.9	43.0	199.0	39.3	336.0	65.5	10840	0.94	216.0	170.0	1.27	5.33	20.28	10.16	
28-268_204	1204	106	7/6	0.2070	0.0035	2.3100	0.3200	0.0803	0.0043	1212	19	1203	100	1204	106	101	9	644	8.6	1454	472500	0.076	8.94	0.128	1.30	4.20	0.18	25.40	9.09	127.6	49.8	238.0	48.0	431.0	85.0	11180	1.14	106.2	138.9	0.76	6.66	22.65	20.77	S
28-268_205	1208	73	7/6	0.1931	0.0023	2.1620	0.2900	0.0805	0.0030	1138	13	1164	94	1208	73	98	8	214	9.9	1450	471000	0.118	15.10	0.103	1.14	2.27	0.19	19.30	8.18	116.0	47.0	234.0	49.0	424.0	79.8	12030	9.96	151.0	310.0	0.49	6.88	22.33	6.90	
28-268_206	1213	98	7/6	0.1999	0.0038	2.2700	0.3100	0.0807	0.0040	1174	20	1200	97	1213	98	98	8	228	13.9	776	516000	1.350	19.90	1.920	9.90	7.00	1.47	20.40	5.87	68.9	25.0	125.8	27.8	264.0	57.6	15230	1.55	112.3	291.0	0.39	8.36	13.04	7.35	
28-268_207	1143	105	7/6	0.2215	0.0045	2.4200	0.3400	0.0779	0.0041	1289	24	1233	110	1143	105	105	10	224	16.8	457	477600	Below LOD	23.71	Below LOD	0.59	1.43	0.41	9.40	3.21	40.2	15.2	73.6	16.3	154.2	32.6	9440	1.00	96.6	179.0	0.54	8.11	7.96	7.23	
28-268_208	1154	109	7/6	0.2096	0.0032	2.2800	0.3200	0.0783	0.0043	1226	17	1194	97	1154	109	103	8	703	8.0	1494	472000	0.188	9.77	0.152	2.33	3.86	0.17	23.50	9.59	128.9	49.7	242.8	49.4	439.0	87.7	10930	1.23	102.4	155.5	0.66	6.80	23.24	22.68	S
28-268_209	1223	99	7/6	0.2042	0.0033	2.3000	0.3200	0.0811	0.0041	1197	18	1202	100	1223	99	100	8	256	7.4	585	461600	0.144	10.57	0.330	2.40	2.52	0.71	13.40	4.54	54.8	18.6	94.7	19.7	182.5	38.1	10460	1.13	88.9	161.1	0.55	6.95	9.58	8.26	
28-268_210	1312	178	7/6	0.2110	0.0065	2.5100	0.3900	0.0849	0.0078	1232	35	1237	120	1312	178	100	10	315	21.9	863	476000	0.090	11.48	0.071	2.24	3.32	0.63	21.50	6.80	80.8	29.9	136.8	27.0	241.0	50.4	9680	0.84	49.2	54.0	0.91	6.24	13.81	10.16	
28-268_211	1230	193	7/6	0.2120	0.0064	2.3900	0.3800	0.0814	0.0080	1238	34	1201	120	1230	193	103	11	254	20.8	641	479900	Below LOD	9.71	Below LOD	0.80	2.20	0.27	12.00	4.67	55.5	21.9	99.9	20.1	178.0	37.2	9840	0.39	55.6	37.9	1.47	6.70	10.12	8.19	
28-271_1	209	5	6/38	0.0329	0.0007	0.2320	0.0340	0.0539	0.0062	209	5	208	28	366	260	100	14	389	6.5	1780	466300	0.057	49.60	0.290	4.63	8.30	2.50	41.20	13.40	159.0	58.8	279.0	57.7	515.0	107.8	9540	0.82	440.0	328.8	1.34	6.78	29.28	12.55	
28-271_4	226	7	6/38	0.0357	0.0012	0.2500	0.0390	0.0541	0.0069	226	7	223	31	374	288	101	14	281	Below LOD	1275	502000	0.166	47.80	0.153	1.26	3.63	0.86	20.50	7.62	100.1	40.1	203.0	45.1	433.0	91.0	11860	2.16	281.0	409.0	0.69	9.09	21.33	9.06	
28-271_5	501	8	6/38	0.0808	0.0014	0.6400	0.0690	0.0595	0.0032	501	8	503	45	585	117	100	9	260	3.8	900	465800	Below LOD	29.90	0.109	1.87	2.85	0.81	16.10	5.66	67.4	26.5	146.1	32.8	327.0	77.5	11820	0.85	405.0	450.0	0.90	11.50	16.15	8.39	
28-271_6	201	6	Pbcor6/38	0.0319	0.0010	0.2460	0.0420	0.0578	0.0081	203	6	217	32	521	308	103	14	226	6.7	990	461300	Below LOD	17.50	0.042	1.08	3.01	0.25	18.20	6.35	81.0	31.6	153.0	31.2	284.0	58.1	13640	0.52	313.0	389.0	0.80	7.17	15.61	7.29	
28-271_7	282	7	Pbcor6/38	0.0446	0.0011	0.2940	0.0420	0.0490	0.0054	281	7	256	33	147	258	102	14	635	11.4	2314	474200	Below LOD	21.88	0.255	4.61	9.43	2.40	52.50	17.91	220.5	79.7	372.0	72.5	615.0	121.9	9650	0.88	206.1	240.0	0.86	5.53	36.47	20.48	
28-271_8	213	13	Pbcor6/38	0.0339	0.0021	0.2620	0.0650	0.0590	0.0150	215	13	228	54	566	554	106	23	383	7.0	1880	445900	0.340	52.70	0.440	5.90	11.00	3.35	55.50	15.90	191.0	67.3	305.0	54.5	473.0	94.1	7800	0.91	195.0	172.0	1.13	4.93	31.10	12.35	
28-271_9	1169	123	7/6	0.1853	0.0043	1.9600	0.2100	0.0789	0.0049	1096	24	1093	74	1169	123	100	7	544	Below LOD	2984	446900	Below LOD	15.58	0.262	6.13	14.80	1.23	88.00	26.70	324.0	113.6	487.0	84.1	653.0	122.5	9070	0.84	64.7	189.2	0.34	3.78	46.77	17.55	
28-271_10	206	4	Pbcor6/38	0.0325	0.0007	0.2160	0.0250	0.0501	0.0034	206	4	198	21	199	158	104	11	211	4.9	792	470700	Below LOD	16.00	0.055	Below LOD	1.75	0.13	11.90	4.38	62.7	25.2	130.5	30.2	283.4	59.3	13210	5.38	300.0	859.0	0.35	9.46	12.83	6.81	
28-271_12	1208	142	7/6	0.1935	0.0041	2.0100	0.2300	0.0805	0.0058	1140	22	1110	81	1208	142	103	8	218	15.1	422	470900	Below LOD	19.12	0.141	1.85	3.05	0.66	14.80	3.93	40.8	13.7	62.5	12.3	108.1	22.4	8860	0.23	54.3	95.8	0.57	5.48	7.16	7.03	
28-271_13	197	13	6/38	0.0310	0.0021	0.3500	0.1100	0.0880	0.0280	197	13	257	78	1382	612	77	24	141	9.4	352	477400	Below LOD	2.06	Below LOD	Below LOD	1.27	0.26	7.90	2.75	30.5	11.6	57.5	11.8	106.1	23.3	7520	0.17	22.1	55.7	0.40	7.64	5.51	4.55	
28-271_14	679	17	6/38	0.1112	0.0030	1.1600	0.1600	0.0786	0.0071	679	17	774	74	1161	179	88	9	136	7.0	431	473800	Below LOD	4.39	0.130	2.69	4.77	0.82	17.90	4.69	47.8	16.2	65.5	11.7	97.2	19.0	9980	1.04	40.3	138.1	0.29	3.97	6.88	4.39	
28-271_15	201	7	6/38	0.0316	0.0011	0.2450	0.0430	0.0602	0.0092	201	7	217	35	610	330	92	15	513	10.9	2607	484000	Below LOD	73.20	0.249	3.72	11.40	1.20	66.90	21.68	251.6	89.1	393.9	73.3	614.0	116.5	9680	1.35	294.9	242.5	1.22	4.63	42.21	16.55	
28-271_16	457	11	Pbcor6/38	0.0739	0.0018	0.6240	0.0950	0.0613	0.0071	459	11	479	59	649	248	100	12	1030	15.6	2030	457500	Below LOD	7.36	0.191	2.71	7.90	1.13	46.00	15.65	191.0	66.9	314.0	62.8	508.0	102.2	9860	0.45	81.7	130.1	0.63	5.35	31.36	33.23	S
28-271_17	188	5	Pbcor6/38	0.0299	0.0008	0.2350	0.0370	0.0604	0.0079	190	5	209	30	617	282	107	13	251	5.3	1478	469200	0.039	13.22	0.208	3.67	8.00	0.92	37.00	11.27	136.1	50.5	234.0	45.4	396.0	81.5	9810	0.62	254.0	370.0	0.69	5.99	23.23	8.10	
28-271_19	201	7	Pbcor6/38	0.0323	0.0011	0.2760	0.0470	0.0652	0.0098	205	7	243	38	780	316	106	14	342	8.7	733	457700	0.520	27.90	0.154	1.40	2.46	0.42	14.80	5.12	61.6	23.4	112.2	23.5	212.0	45.4	10840	1.56	199.3	275.2	0.72	7.37	12.22	11.03	
28-271_21	102	5	6/38	0.0159	0.0008	0.1120	0.0230	0.0540	0.0100	102	5	106	21	370	418	96	20	297	Below LOD	2760	461900	0.176	18.58	0.320	4.38	11.30	0.11	72.90	24.30	279.0	99.7	432.0	78.3	603.0	108.1	9270	4.33	214.1	428.4	0.50	3.87	42.67	9.58	
28-271_23	571	13	Pbcor6/38	0.0926	0.0021	0.7190	0.0920	0.0592	0.0053	571	13	541	55	574	195	104	11	296	6.9	713	450500	Below LOD	10.33	0.035	0.84	2.68	0.48	16.10	5.35	65.2	24.3	113.6	22.6	195.2	40.9	9500	1.71	82.6	223.0	0.37	6.27	11.34	9.55	
28-271_24	214	6	6/38	0.0337	0.0010	0.2240	0.0350	0.0520	0.0067	214	6	201	29	284	294	106	16	424	6.6	1421	479000	Below LOD	67.90	0.100	1.98	5.42	0.96	30.90	10.62	135.7	48.6	225.1	43.5	369.7	72.8	10300	1.81	284.7	262.7	1.08	5.36	24.15	13.68	
28-271_25	623	11	6/38	0.1015	0.0018	0.8640	0.0960	0.0646	0.0041	623	11	628	52	760	134	99	8	282	26.1	150	436900	Below LOD	1.56	0.209	2.67	5.60	0.10	17.90	3.87	26.0	4.8	11.2	1.4	8.3	1.3	12950	0.38	228.5	397.9	0.57	0.50	2.49	9.10	
28-271_26	474	11	6/38	0.0763	0.0018	0.6190	0.0780	0.0624	0.0057	474	11	482	50	687	195	98	10	314	15.5	335	471400	Below LOD	3.49	0.098	2.06	4.25	0.17	14.00	3.35	31.8	11.1	52.0	10.3	96.0	20.2	11120	0.26	73.4	248.8	0.30	6.35	5.32	10.13	
28-271_27	531	11	6/38	0.0859	0.0018	0.7250	0.0930	0.0650	0.0057	531	11	542	55	773	185	98	10	1740	17.7	3380	475400	Below LOD	5.68	0.115	2.97	7.50	0.94	57.40	22.60	287.0	106.6	495.0	99.4	820.0	162.0	12060	0.61	64.0	154.0	0.42	5.64	50.87	56.13	S
28-271_28rim	540	13	6/38	0.0874	0.0021	0.6690	0.0950	0.0606	0.0064	540	13	513	58	624	228	105	12	1440	Below LOD	3120	506900	Below LOD	1.94	0.099	0.70	3.19	0.41	31.50	15.10	234.0	92.8	478.0	103.0	937.0	191.0	14620	1.05	39.0	372.0	0.10	8.16	47.05	46.45	S
28-271_28core	835	16	6/38	0.1383	0.0028	1.3380	0.1500	0.0735	0.0041	835	16	857	65	1027	113	97	8	880	Below LOD	1700	434100	0.540	50.10	0.360	3.10	6.90	2.32	31.10	10.60	137.0	53.5	265.0	56.9	536.0	118.0	9450	0.68	294.0	457.0	0.64	8.61	28.04	28.39	S
28-271_29	546	10	6/38	0.0884	0.0017	0.6930	0.0780	0.0611	0.0040	546	10	530	48	642	141	103	10	1246	7.7	2610	488300	Below LOD	2.85	Below LOD	1.19	3.58	0.29	34.80	15.21	216.0	83.2	413.0	83.5	722.0	141.8	13500	0.61	42.2	270.0	0.16	6.56	39.50	40.19	S
28-271_31	504	11	6/38	0.0813	0.0019	0.6700	0.0840	0.0631	0.0052	504	11	514	51	711	175	98	10	483	5.2	1457	452000	0.340	28.90	0.270	1.51	4.09	0.66	22.90	8.50	116.3	46.5	238.7	50.8	476.7	102.7	9880	1.54	249.0	304.0	0.82	8.83	23.52	15.58	
28-271_35	260	5	6/38	0.0412	0.0008	0.3040	0.0330	0.0584	0.0035	260	5	268	26	544	131	97	10	467	15.4	2440	485000	0.105	30.60	0.429	6.60	13.00	2.25	62.70	19.20	222.0	81.6	373.0	74.3	656.0	133.5	9660	2.18	890.0	906.0	0.98	6.01	38.57	15.06	
28-271_36	524	11	6/38	0.0847	0.0019	0.6570	0.0800	0.0615	0.0051	524	11	505	49	656	178	104	10	1312	10.8	2490	499300	Below LOD	5.06	0.134	2.31	8.10	0.85	47.60	17.20	218.0	84.1	403.0	85.3	768.0	160.0	13150	0.77	60.3	313.0	0.19	7.34	38.79	42.32	S
28-271_37	153	3	Pbcor6/38	0.0244	0.0005	0.1980	0.0260	0.0617	0.0057	155	3	182	22	663	198	105	10	311	3.3	1429	485200	0.106	51.60	0.225	3.12	5.90	1.20	26.10	9.16	112.1	44.1	226.8	49.8	473.7	104.9	11980	1.23	421.2	446.0	0.94	9.36	23.92	10.03	
28-271_38	214	6	Pbcor6/38	0.0344	0.0010	0.2910	0.0440	0.0661	0.0078	218	6	253	34	809	246	109	12	337	5.1	1238	474700	0.126	32.90	0.215	3.13	5.90	0.97	25.90	8.00	104.7	39.1	198.0	41.7	395.0	84.1	10180	0.81	310.0	320.0	0.97	8.03	20.36	10.87	
28-271_39	256	6	6/38	0.0405	0.0010	0.2830	0.0410	0.0551	0.0061	256	6	250	33	415	248	102	14	122	5.2	1038	500700	0.300	42.70	0.260	1.32	2.41	0.92	12.90	3.78	55.1	26.7	165.9	44.8	502.0	124.0	11600	1.01	530.0	646.0	0.82	22.50	18.09	3.94	

28-271_40	1535	101	7/6	0.1834	0.0028	2.2700	0.2400	0.0954	0.0051	1085	15	1194	75	1535	101	91	6	254	7.5	763	456700	Below LOD	9.55	0.087	1.58	3.12	0.21	19.10	6.09	71.5	26.6
28-271_41	167	5	Pbcor6/38	0.0263	0.0008	0.1890	0.0320	0.0517	0.0078	167	5	170	27	271	346	99	16	278	13.0	863	462600	Below LOD	8.21	0.079	2.03	4.60	0.26	22.80	6.81	78.5	28.0
28-271_43	343	4	Pbcor6/38	0.0548	0.0006	0.4160	0.0360	0.0555	0.0018	344	4	352	26	431	72	101	7	672	5.4	2176	450500	0.107	11.96	0.294	4.23	7.70	0.68	47.00	15.59	188.8	70.1
28-271_44	1555	121	7/6	0.2177	0.0054	2.8000	0.2700	0.0964	0.0062	1269	29	1348	76	1555	121	94	6	265	9.0	939	483600	1.600	10.60	0.680	4.10	6.30	0.79	23.60	7.70	88.0	32.3
28-271_45	209	7	Pbcor6/38	0.0331	0.0012	0.2390	0.0320	0.0542	0.0063	210	7	218	27	378	262	103	12	193	11.3	929	462000	Below LOD	33.90	0.125	2.17	4.34	1.39	21.00	6.41	80.1	29.8
28-271_46	118	5	Pbcor6/38	0.0184	0.0008	0.1130	0.0310	0.0450	0.0110	118	5	103	27	0	575	101	30	414	9.6	1900	467300	0.064	40.70	0.560	10.00	15.80	6.10	69.00	19.50	208.0	66.6
28-271_48	1278	98	7/6	0.1700	0.0083	1.9300	0.1900	0.0834	0.0042	1012	46	1090	67	1278	98	93	7	256	9.2	1210	506000	2.180	12.60	1.110	7.60	7.00	0.61	21.50	7.60	104.0	41.0
28-271_50	523	8	Pbcor6/38	0.0846	0.0014	0.6710	0.0710	0.0580	0.0040	524	8	520	41	529	151	101	8	407	3.7	1450	469200	0.068	20.80	0.099	1.69	4.03	0.50	26.10	8.80	122.0	47.7
28-271_51	187	6	Pbcor6/38	0.0296	0.0010	0.2190	0.0350	0.0537	0.0072	188	6	199	28	357	302	100	14	384	9.7	1846	453000	0.990	22.20	0.670	6.80	12.70	0.80	55.10	16.86	187.5	63.5
28-271_52	533	10	Pbcor6/38	0.0871	0.0017	0.7870	0.0910	0.0672	0.0054	538	10	582	53	843	167	102	9	799	7.0	2009	492600	0.098	9.91	0.121	1.91	4.48	0.63	32.20	12.96	169.7	66.9
28-271_53	100	6	Pbcor6/38	0.0159	0.0009	0.1250	0.0320	0.0580	0.0150	102	6	114	29	529	566	102	23	360	10.9	1175	470100	Below LOD	11.15	0.199	3.91	7.80	1.11	37.10	10.80	122.1	40.8
28-271_54	523	9	Pbcor6/38	0.0856	0.0015	0.7950	0.0760	0.0687	0.0039	529	9	594	45	889	117	102	7	1450	9.0	3290	470900	0.137	2.21	0.220	1.32	4.85	0.44	36.50	17.60	253.0	102.6
28-271_55	102	3	Pbcor6/38	0.0159	0.0004	0.1024	0.0120	0.0462	0.0040	102	3	100	12	7	208	99	12	311	Below LOD	2310	452800	0.022	31.10	0.420	5.58	11.70	0.27	63.10	20.40	236.0	81.0
28-271_57	118	2	6/38	0.0185	0.0003	0.1730	0.0200	0.0496	0.0043	118	2	161	17	175	202	73	8	359	4.7	1500	459300	0.200	17.30	0.202	2.10	4.17	0.90	28.60	10.05	129.8	48.9
28-271_61	540	10	Pbcor6/38	0.0881	0.0016	0.8160	0.1000	0.0651	0.0056	544	10	591	55	777	181	97	9	1124	4.1	2110	455500	0.940	4.32	0.306	1.82	2.69	0.29	20.10	10.12	161.4	68.6
28-271_62	497	10	Pbcor6/38	0.0802	0.0016	0.6620	0.0790	0.0584	0.0055	497	10	510	49	544	206	98	10	1071	Below LOD	3040	434900	0.199	28.40	0.520	8.30	14.20	2.59	69.20	24.10	292.0	103.2
28-271_63	815	94	6/38	0.1350	0.0170	1.2800	0.2000	0.0698	0.0029	815	94	819	92	922	85	100	16	890	Below LOD	2490	488000	0.190	10.40	0.146	1.76	4.30	0.28	30.10	13.20	192.0	76.0
28-271_64	370	7	Pbcor6/38	0.0595	0.0011	0.4940	0.0510	0.0608	0.0039	372	7	405	35	631	138	101	8	318	5.4	1710	444900	0.078	22.20	0.169	2.53	5.50	1.13	34.80	10.78	139.8	55.3
28-271_65	324	5	Pbcor6/38	0.0519	0.0008	0.4200	0.0400	0.0579	0.0027	326	5	354	28	525	102	99	7	342	Below LOD	1815	457500	0.164	21.02	0.176	2.08	5.70	1.04	29.20	10.69	139.8	56.8
28-271_67	284	14	6/38	0.0451	0.0022	0.3750	0.0870	0.0640	0.0150	284	14	296	62	741	496	96	21	219	16.2	1054	459200	Below LOD	7.61	0.197	3.31	5.17	3.03	26.70	7.84	93.7	34.6
28-271_69	175	4	Pbcor6/38	0.0277	0.0006	0.2070	0.0260	0.0558	0.0056	176	4	189	22	443	224	103	11	276	3.4	4020	494300	0.480	126.00	0.310	2.46	4.37	0.12	25.70	12.03	190.4	93.2
28-271_70	457	8	Pbcor6/38	0.0738	0.0014	0.6360	0.0680	0.0604	0.0043	459	8	497	43	617	154	97	8	623	7.8	1866	452000	Below LOD	8.80	0.126	1.22	5.30	0.62	32.80	11.96	165.9	64.7
28-271_71	537	7	Pbcor6/38	0.0869	0.0011	0.6790	0.0680	0.0580	0.0035	539	7	523	41	529	132	102	8	87	Below LOD	270	476300	Below LOD	3.74	Below LOD	Below LOD	Below LOD	0.08	2.49	1.12	16.1	7.6
28-271_72	817	30	Pbcor6/38	0.1358	0.0053	1.3100	0.2000	0.0702	0.0095	820	30	817	87	933	278	100	11	207	6.7	433	450800	Below LOD	5.42	Below LOD	0.61	1.18	0.17	7.30	2.75	38.6	14.6
28-271_74	223	6	Pbcor6/38	0.0356	0.0010	0.2880	0.0320	0.0585	0.0047	225	6	254	26	548	175	100	9	340	12.3	2322	477000	0.124	25.60	0.510	6.37	12.30	2.19	54.20	18.09	214.1	76.0

35-324-42	560	12	Pbcor6/38	0.0904	0.0020	0.7120	0.0210	0.0562	0.0017	558	12	545	12	459	67	99	3	218	10.5	252	414700	0.009	1.50	0.059	1.35	4.95	0.13	21.01	4.81	35.9	8.1	25.8	3.9	26.9	4.2	13000	0.08	33.4	278.1	0.12	1.17	4.04	7.03	
35-324-43	618	19	Pbcor6/38	0.1013	0.0032	0.9400	0.0580	0.0655	0.0039	622	19	669	31	790	125	98	5	215	10.0	273	384500	Below LOD	2.67	0.013	0.24	0.59	0.26	4.51	1.65	21.1	8.4	43.2	9.2	86.8	18.3	8340	0.19	60.3	150.1	0.40	8.70	4.24	6.94	
35-324-44	559	12	Pbcor6/38	0.0903	0.0021	0.7130	0.0400	0.0561	0.0032	557	12	543	24	455	127	98	5	229	11.5	371	417900	Below LOD	2.79	0.072	1.42	3.24	0.44	16.36	4.35	41.9	12.2	45.7	7.6	59.1	10.4	10350	0.32	63.2	145.7	0.43	2.49	5.74	7.40	
35-324-45	113	5	Pbcor6/38	0.0178	0.0008	0.1440	0.0300	0.0570	0.0120	114	5	134	26	491	464	97	17	670	3.5	259	392200	0.093	5.95	0.045	0.65	0.68	0.45	5.17	1.65	19.2	7.9	39.1	9.2	93.5	22.6	9140	0.21	26.8	83.7	0.32	11.77	4.29	21.61	
35-324-47	191	5	Pbcor6/38	0.0302	0.0008	0.2180	0.0130	0.0512	0.0031	192	5	199	11	249	139	98	6	435	10.4	1916	415800	0.025	33.80	0.212	3.83	9.17	1.56	46.50	15.18	180.1	64.6	296.0	57.1	494.0	96.6	9640	1.28	199.0	281.0	0.71	5.36	30.55	14.03	
35-324-48	195	5	Pbcor6/38	0.0307	0.0008	0.2240	0.0130	0.0513	0.0030	195	5	204	11	253	134	97	6	541	16.5	1222	424000	0.260	40.40	0.211	1.98	4.00	0.82	23.60	7.93	101.4	38.7	189.9	40.3	371.8	78.2	9930	1.81	142.5	375.0	0.38	7.71	20.18	17.45	S
35-324-49	580	13	6/38	0.0941	0.0021	0.7860	0.0250	0.0589	0.0020	580	13	591	15	562	74	98	3	175	24.9	79	419500	0.026	8.63	0.309	5.12	6.55	0.20	13.43	1.90	12.0	2.6	8.7	1.5	11.7	2.3	11140	0.24	271.0	247.7	1.09	1.92	1.59	5.65	
35-324-50	574	14	Pbcor6/38	0.0933	0.0024	0.8100	0.0250	0.0606	0.0019	575	14	602	14	624	68	97	3	540	16.7	1243	402800	0.093	3.47	0.121	1.08	2.91	0.20	19.60	7.59	102.9	39.5	199.3	42.5	384.4	79.3	11110	1.15	128.4	820.0	0.16	7.71	19.22	17.42	S
35-324-51	528	12	6/38	0.0853	0.0020	0.6850	0.0270	0.0568	0.0024	528	12	533	18	483	93	99	4	1437	5.8	2680	423200	Below LOD	1.57	0.047	0.78	2.63	0.18	24.20	12.42	194.1	84.8	462.0	102.5	938.0	184.9	12270	0.90	34.5	282.8	0.12	9.53	40.76	46.35	S
35-324-52	106	4	6/38	0.0167	0.0006	0.1140	0.0170	0.0485	0.0071	106	4	108	15	123	344	99	14	239	15.0	1242	433000	0.022	14.50	0.447	6.36	9.55	1.33	38.40	11.17	122.7	41.5	191.0	37.1	324.0	64.9	8960	0.84	96.0	112.0	0.86	5.29	19.80	7.72	
35-324-53	196	7	Pbcor6/38	0.0307	0.0011	0.1940	0.0230	0.0451	0.0050	195	7	179	19	0	256	99	12	263	5.6	1588	460400	0.017	45.60	0.206	3.26	7.78	1.43	38.30	12.44	145.1	52.5	242.2	47.8	418.0	84.3	11340	0.92	307.0	281.0	1.09	5.81	25.91	8.48	
35-324-54	497	12	6/38	0.0801	0.0019	0.6520	0.0250	0.0567	0.0021	497	12	508	15	479	82	98	4	496	10.1	2140	430000	0.050	12.40	0.425	7.10	11.60	0.96	57.40	17.90	208.0	72.5	320.0	59.0	480.0	91.6	10270	3.02	226.0	284.0	0.80	4.40	33.01	16.00	
35-324-55	128	3	Pbcor6/38	0.0201	0.0005	0.1437	0.0095	0.0495	0.0033	129	3	136	8	171	156	96	6	331	2.8	1005	393400	Below LOD	18.22	0.075	1.35	2.89	0.77	16.00	5.81	73.1	30.0	163.6	37.4	382.0	89.9	9670	1.04	261.0	522.0	0.50	12.30	16.44	10.68	
35-324-56	174	4	6/38	0.0273	0.0007	0.1880	0.0120	0.0476	0.0029	174	4	174	10	78	145	100	6	223	4.9	772	396100	Below LOD	11.10	0.045	1.08	2.95	0.36	16.30	5.47	67.8	25.1	123.3	25.8	233.1	47.6	9910	1.90	150.3	426.0	0.35	7.02	12.28	7.19	
35-324-57	1414	51	7/6	0.2331	0.0052	2.9710	0.0670	0.0895	0.0024	1351	27	1398	17	1414	51	97	2	315	18.4	1250	417600	0.014	9.32	0.110	2.21	4.78	0.59	27.92	9.34	113.0	41.0	191.2	37.0	319.7	62.6	9670	0.83	72.7	120.3	0.60	5.54	19.35	10.16	
35-324-59	187	6	Pbcor6/38	0.0293	0.0009	0.1950	0.0240	0.0480	0.0063	186	6	183	22	98	311	99	13	143	6.9	324	407300	Below LOD	6.39	0.028	0.66	1.17	0.36	7.00	2.21	26.0	10.1	49.9	11.1	113.3	26.0	10840	0.19	57.6	112.1	0.51	10.00	5.29	4.61	
35-324-60	1346	76	7/6	0.2625	0.0072	3.2800	0.1200	0.0864	0.0034	1502	37	1473	29	1346	76	102	3	294	8.4	1252	398500	Below LOD	8.11	0.096	1.96	4.50	0.27	26.60	9.10	111.1	41.4	191.2	37.3	323.0	62.9	9510	1.28	54.5	110.0	0.50	5.66	19.24	9.48	
35-324-61	114	4	Pbcor6/38	0.0180	0.0006	0.1270	0.0190	0.0515	0.0081	115	4	121	17	262	362	100	14	169	6.0	653	467300	Below LOD	15.30	0.044	1.18	2.04	0.59	12.40	4.06	53.2	20.7	103.0	22.0	212.0	46.0	11130	0.48	111.5	201.0	0.55	8.65	10.62	5.45	
35-324-62	197	5	6/38	0.0310	0.0007	0.2150	0.0100	0.0486	0.0023	197	5	199	8	128	111	99	5	510	5.7	1777	421800	0.023	33.20	0.214	4.02	8.00	0.48	42.10	13.88	165.3	60.1	277.3	53.4	458.0	89.3	9760	2.63	202.5	386.0	0.52	5.40	28.31	16.45	
35-324-63	182	6	Pbcor6/38	0.0289	0.0009	0.2330	0.0230	0.0564	0.0057	184	6	210	19	467	224	96	8	303	18.7	837	410600	0.112	14.59	0.139	2.12	3.72	0.73	19.20	6.10	75.9	27.3	130.8	26.6	239.0	47.7	8910	0.79	81.3	118.4	0.69	6.28	13.41	9.76	
35-324-64	224	6	6/38	0.0353	0.0010	0.2590	0.0210	0.0508	0.0040	224	6	233	17	231	182	96	8	206	15.0	755	395400	0.013	21.20	0.128	2.62	4.65	0.63	19.70	5.78	68.1	24.5	114.1	23.3	208.0	42.5	9240	0.49	225.0	198.0	1.14	6.24	12.34	6.65	
35-324-65	241	6	6/38	0.0380	0.0010	0.2760	0.0140	0.0504	0.0024	241	6	247	11	212	110	97	5	203	3.6	770	402800	0.051	22.80	0.073	0.87	2.10	0.60	12.50	4.32	56.8	23.1	122.0	27.3	278.0	63.4	11681	0.87	192.0	370.0	0.52	11.16	12.80	6.55	
35-324-66	533	14	6/38	0.0863	0.0024	0.7060	0.0390	0.0565	0.0028	533	14	540	23	471	110	99	5	243	10.1	460	430500	0.010	7.79	0.126	2.31	4.48	0.69	17.70	4.76	50.0	15.3	59.0	9.8	71.0	11.5	11170	1.32	113.0	191.0	0.59	2.30	7.22	7.84	
35-324-67	531	12	Pbcor6/38	0.0860	0.0021	0.7160	0.0230	0.0596	0.0019	532	12	547	13	588	69	99	3	1247	17.2	2850	450900	6.110	19.80	2.510	18.01	17.90	2.65	45.80	15.60	216.0	87.4	460.0	101.3	922.0	178.7	14900	1.68	214.0	493.0	0.43	8.27	44.07	40.23	S
35-324-68	179	5	Pbcor6/38	0.0283	0.0008	0.2080	0.0150	0.0519	0.0036	180	5	190	13	280	159	97	7	217	7.2	1402	417900	0.014	8.57	0.270	4.82	9.53	1.36	42.30	12.61	135.9	48.0	211.5	39.7	334.4	66.0	8330	0.40	106.9	158.8	0.67	4.86	21.81	6.99	
35-324-69	194	6	6/38	0.0305	0.0010	0.2100	0.0190	0.0480	0.0041	194	6	192	16	98	202	101	9	336	13.8	1450	437100	0.017	27.90	0.186	3.10	7.00	1.21	35.40	11.20	132.0	47.9	224.0	44.5	388.0	76.5	10200	0.94	161.0	157.0	1.03	5.80	23.17	10.84	
35-324-70	1051	111	7/6	0.1903	0.0056	1.9700	0.1000	0.0744	0.0041	1123	30	1100	36	1051	111	102	4	161	5.7	551	460000	0.025	2.84	0.062	1.38	2.13	0.30	14.00	4.16	51.5	19.1	90.4	18.8	163.0	35.7	9270	0.47	12.1	58.0	0.21	6.93	8.76	5.18	
35-324-71	97	3	6/38	0.0151	0.0005	0.1010	0.0120	0.0481	0.0060	97	3	97	11	103	294	100	12	195	9.8	1998	442000	0.170	13.65	0.402	5.94	11.63	0.26	60.10	18.55	210.5	70.2	298.0	52.3	411.0	73.4	7800	1.97	98.3	171.0	0.57	3.49	31.02	6.28	
35-324-73	574	14	Pbcor6/38	0.0930	0.0024	0.7530	0.0400	0.0578	0.0033	573	14	566	23	521	125	99	5	273	25.7	392	417300	Below LOD	3.54	0.045	0.90	1.96	0.12	10.85	3.33	38.5	13.5	60.2	11.5	99.6	19.2	11030	0.57	12.8	76.8	0.17	4.99	6.13	8.80	
35-324-74	178	5	Pbcor6/38	0.0279	0.0009	0.1870	0.0170	0.0475	0.0041	178	5	173	14	73	205	98	9	246	8.8	755	404000	0.016	23.38	0.112	1.74	4.04	0.61	20.80	6.29	70.4	25.2	115.8	22.9	202.0	40.6	9790	0.99	123.5	166.9	0.74	5.77	12.43	7.94	
35-324-75	593	20	Pbcor6/38	0.0961	0.0034	0.7760	0.0900	0.0581	0.0065	591	20	577	54	533	244	99	10	141	18.7	104	421900	0.021	30.79	0.141	1.86	2.83	0.98	7.43	1.49	12.9	3.3	12.1	1.9	15.6	2.8	8130	0.16	42.8	23.6	1.81	2.20	2.69	4.55	
35-324-76	187	6	6/38	0.0295	0.0009	0.2070	0.0170	0.0499	0.0038	187	6	190	14	189	177	98	8	354	10.2	954	421000	0.003	6.87	0.082	1.42	3.14	0.17	18.70	6.59	81.8	30.9	147.8	29.4	259.9	51.3	10940	0.64	78.1	154.0	0.51	6.27	14.72	11.41	
35-324-77	1591	46	7/6	0.3252	0.0088	4.4600	0.1200	0.0983	0.0024	1814	42	1720	22	1591	46	105	3	712	12.8	1358	405600	0.009	4.54	0.065	1.23	3.66	0.71	24.90	8.95	115.8	45.3	223.0	46.7	421.0	86.5	9970	0.60	35.9	78.4	0.46	7.47	21.13	22.97	S
35-324-78	144	5	Pbcor6/38	0.0227	0.0008	0.1630	0.0140	0.0538	0.0057	145	5	153	12	362	238	103	8	497	7.7	856	406500	0.720	13.60	0.251	1.67	2.41	0.49	14.40	5.14	66.8	26.7	137.0	30.2	297.0	65.9	9820	0.56	92.0	138.0	0.67	9.87	13.83	16.03	S
35-324-79	720	16	Pbcor6/38	0.1178	0.0028	0.9860	0.0290	0.0602	0.0019	718	16	695	15	610	68	99	3	563	16.3	1412	403900	Below LOD	4.36	0.107	2.44	6.47	0.12	34.80	11.37	131.7	46.1	207.0	39.5	330.0	62.7	10600	0.76	102.4	232.0	0.44	4.76	21.50	18.16	S
35-324-80	208	5	Pbcor6/38	0.0330	0.0008	0.2398	0.0089	0.0533	0.0020	209	5	218	7	341	85	101	4	445	5.5	1482	419200	0.150	38.20	0.153	1.78	4.99	1.43	30.20	10.53	129.0	47.0	222.0	46.0	414.0	83.1	11100	2.43	578.0	1002.0	0.58	6.44	23.98	14.35	
35-324-82	221	7	Pbcor6/38	0.0348	0.0010	0.2310	0.0130	0.0484	0.0027	220	7	211	11	118	132	100	6	364	7.5	1150	404100	2.610	71.40	0.730	5.70	6.80	1.77	28.40	8.40	96.0	33.8	169.0	36.5	355.0	81.1	10400	1.18	347.0	379.0	0.92	8.45	20.45	11.74	
35-324-84	619	16	Pbcor6/38	0.1005	0.0027	0.8020	0.0350	0.0574	0.0027	617	16	597	19	506	103	99	4	147	15.7	258	454900	0.051	6.07	0.099	1.37	2.48	0.14	11.50	3.15	29.4	8.2	31.2	5.6	44.4	9.0	11950	0.76	132.0	268.0	0.49	3.06	4.21	4.73	
35-324-85	184	6	Pbcor6/38	0.0289	0.0010	0.1800	0.0220	0.0466	0.0054	183	6	167	18	28	278	103	12	270	6.8	1020	467200	2.700	27.00	1.100	6.50	3.60	0.24	18.30	6.30	84.0	32.9	167.0	36.6	333.0	69.1	12720	1.49	183.0	398.0	0.46	8.23	16.77	8.71	
35-324-87	554	13	Pbcor6/38	0.0894	0.0021	0.6840	0.0220	0.0560	0.0020	552	13	528	13	451	79	101	4	161	6.1	628	420000	0.008	6.76	0.067	1.38	4.25	1.06	21.20	6.08	64.3	21.5	94.1	18.0	154.3	30.1	8560	0.74	51.0	192.2	0.27	4.68	10.00	5.18	
35-324-88	1035	104	7/6	0.1918	0.0051	1.9600	0.1000	0.0738	0.0038	1131	28	1095	35	1035	104	103	4	211	10.0	1060	396700	Below LOD	5.43	0.196	2.79	5.24	0.40	29.00	9.10	105.0	36.5	163.0	30.0	255.0	49.4	8040	0.93	28.1	61.2	0.46	4.70	16.45	6.81	
35-324-89	586	14	Pbcor6/38	0.0951	0.0024	0.7660	0.0330	0.0589	0.0027	585	14	575	19	562	100	101	4	205	4.4	542	413600	0.114	13.29	0.071	1.03	2.01	0.42	12.09	3.92	49.3	18.1	86.9	17.4	161.0	33.5	9710	0.74	72.6	107.4	0.68	6.80	8.89	6.61	
35-324-90	110	5	Pbcor6/38	0.0171	0.0009	0.1120	0.0140	0.0475	0.0062	110	5	107	13	73	310	100	13	243	4.6	1040	411000	Below LOD	40.20	0.046	1.04	2.39	0.83	16.40	5.97	80.3	32.1	169.0	36.7	345.0	73.7	9270	1.23	131.0	133.0	0.98	9.18	17.35	7.84	
35-324-91	185	5	Pbcor6/38	0.0292	0.0008	0.2030	0.0140	0.0506	0.0036	185	5	186	12	222	165	100	7	252	6.4	2323	444000	Below LOD	8.89	0.381	6.06	12.20	1.21	62.00	19.26	227.4	80.0	358.3	66.9	563.0	111.4	7940	0.52	194.4	295.0	0.66	4.90	36.01	8.13	
35-324-92	323	10	Pbcor6/38	0.0515	0.0017	0.4050	0.0360	0.0559	0.0050	323	10	340	26	447	199	98	8	187	26.3	1110	408400	0.031	8.45	0.499	9.08	12.80	2.05	47.40	11.93	122.1	38.9	164.0	29.5	249.0	49.8	6810	0.32	63.9	72.1	0.89	4.08	17.71	6.03	
35-324-93	103	4	Pbcor6/38	0.0162	0.0006	0.1210	0.0150	0.0539	0.0069	104	4	114	14	366	288	99	12	107	3.3	211	410600	Below LOD	4.70	0.016	0.17	0.66	0.15	3.70	1.33	16.7	6.4	34.2	7.7	82.5	19.6	10900	0.24	32.5	112.4	0.29	11.80	3.51	3.44	
35-324-94	180	5	Pbcor6/38	0.0283	0.0008	0.1910	0.0210	0.0489	0.0058	180	5	175	18	142	278	100	11	198	18.9	802	418800	0.035	7.94	0.335	4.80	7.85	1.82	29.40	7.91	82.8	26.8	115.4	21.3	181.6	35.2	8520	0.25	111.2	120.0	0.93	4.25	12.69	6.37	
35-324-95	149	7	Pbcor6/38	0.0234	0.0010	0.1540	0.0220	0.0478	0.0067	149	7	143	19	88	332	100	15	213	13.5	491	452000	0.009	4.88	0.047	0.90	2.19	0.29	11.97	3.85	45.1	16.5	76.8	15.5	139.5	29.1	8580	0.42	33.2	89.9	0.37	6.45	7.79	6.88	
35-324-96	1002	39	7/6	0.1609	0.0035	1.6500	0.0320	0.0726	0.0014	962	20	989	12	1002	39	97	2	481	7.0	3142	387100	0.049	20.38	0.247	4.62	11.08	0.29	63.90	22.70	285.2	107.1	495.7	93.3	758.6	142.5	9510	3.94	402.4	571.0	0.70	5.00	48.13	15.52	
35-324-97	521	11	6/38	0.0841	0.0019	0.6720	0.0240	0.0572	0.0021	521	11	520	14	498	81	100	3	604	22.2	4270	432000	0.226	116.70	1.560	24.30	44.30	17.59	183.30	46.70	461.0	142.0	592.0	109.4	915.0	171.9	8310	1.69	550.0	324.0	1.70	3.73	70.49	19.48	
35-324-98	113	4	Pbcor6/38	0.0175	0.0006	0.1070	0.0140	0.0429	0.0055	112	4	102	13	0	291	97	14	208	8.4	517	424800	0.005	10.71	0.032	0.72	1.84	0.42	10.27	3.51	42.5	16.3	80.5	17.1	162.6	34.7	10930	0.37	70.3	135.0	0.52	8.16	8.35	6.70	
35-324-100	96	6	Pbcor6/38	0.0152	0.0009	0.1270	0.0230	0.0610	0.0110	97	6	122	22	638	388	101	15	260	15.4	1052	408100	0.054	21.59	0.225	3.45	5.82	1.99	26.90	7.95	92.6	34.0	162.4	32.6	301.1	62.9	7670	0.32	76.8	50.3	1.53	6.79	17.00	8.37	
35-324-101	250	8	Pbcor6/38	0.0394	0.0013	0.2680	0.0210	0.0492	0.0042	249	8	240	17	156	200	100	8	117	3.7	370	425000	0.045	13.90	0.039	0.39	0.94	0.34	4.82	2.06	26.5	10.6	59.2	13.9	145.0	33.8	11790	0.96	85.0	235.0	0.36	12.75	6.32	3.76	
35-324-102	548	14	6/38	0.0888	0.0023	0.7280	0.0400	0.0575	0.0033	548	14	551	24	510	126	100	5	597	10.4	1061	416400	0.055	3.11	0.191	3.56	7.07	1.43	33.90	9.84	108.4	36.4	157.8	29.4	246.6	47.8	7710	0.22	25.0	82.5	0.30	4.41	16.51	19.26	S
35-324-103	638	16	6/38	0.1040	0.0028	0.8680	0.0580	0.0578	0.0041	638	16	630	32	521	156	101	6	395	23.8	606	392300	Below LOD	2.02	0.065	1.17	2.42	0.15	12.83	4.49	55.5	20.4	93.5	18.3	162.4	31.9	9440	0.40	21.0	61.7	0.34	5.74	9.32	12.74	
35-324-104	172	6	6/38	0.0270	0.0009	0.1905	0.0091	0.0490	0.0022	172	6	177	8	147	105	97	5	338	7.0	1480	392000	0.146	24.80	0.315	2.86	5.19	0.42	28.40	9.95	125.4	48.3	237.0	49.4	449.0	90.8	10760	2.07	323.0	624.0	0.52	7.24	23.57	10.90	
35-324-105	1057	105	7/6	0.1724	0.0044	1.8030	0.0890	0.0746	0.0039	1025	24	1043	32	1057	105	98	4	343	14.4	1263	453600	0.179	11.08	0.351	4.08	7.20	0.49	36.30	10.98	124.4	41.9	186.0	34.7	287.0	54.5	11170	1.03	181.0	174.0	1.04	4.38	19.67	11.06	
35-324-106	549	12	6/38	0.0889	0.0021	0.7150	0.0260	0.0561	0.0021	549	12	546	16	455	83	101	4	341	9.5	907	411100	0.015	8.38	0.065	1.05	2.96	0.47	17.44	6.24	78.4	29.7	142.5	28.4	254.0	51.8	9690	0.92	84.9	193.0	0.44	6.61	14.16	11.00	
35-324-108	1043	60	7/6	0.1758	0.0041	1.8470	0.0590	0.0741	0.0022	1044	22	1060	21	1043	60	98	3	325	6.2	2660	444600	0.036	19.09	0.398	6.58	12.60	0.43	64.60	21.50	256.0	90.3	405.0	73.8	595.0	107.7	10310	2.06	131.3	265.0	0.50	4.21	40.89	10.48	
35-324-109	103	3	6/38	0.0161	0.0004	0.1086	0.0074	0.0467	0.0029	103	3	104	7	33	149	98	7	275	3.6	1480	438000	0.035	33.80	0.171	3.25	6.86	2.24	31.60	10.01	121.3	45.2	225.0	48.7	470.0	104.5	10820	0.63	438.0	466.0	0.94	8.62	24.18	8.87	
35-324-110	175	5	Pbcor6/38	0.0277	0.0008	0.2100	0.0140	0.0540	0.0040	176	5	193	11	370	167	98	6	245	6.5	905	438000	0.018	17.14	0.053	0.95	2.73	0.15	15.68	5.82	74.4	29.1	146.5	29.8	267.9	53.3	11640	1.71	170.7	324.7	0.53	7.16	14.35	7.91	
35-324-111	1092	55	7/6	0.1865	0.0042	2.0090	0.0560	0.0759	0.0021	1102	23	1116	19	1092	55	99	3	287	12.2	852	425600	0.022	17.46	0.158	2.05	3.56	1.49	16.50	5.16	66.3	26.0	134.3	29.0	275.0	60.5	8330	0.41	82.0	125.7	0.65	9.13	13.77	9.25	
35-324-112	244	7	Pbcor6/38	0.0386	0.0011	0.2830	0.0210	0.0525	0.0042	244	7	251	17	306	182	99	7	97	2.4	167	427000	Below LOD	5.37	0.001	0.03	0.30	0.13	1.87	0.76	10.8	4.8	28.6	7.3	84.0	20.7	12120	1.16	29.1	160.0	0.18	19.17	2.90	3.13	
35-324-113	710	16	Pbcor6/38	0.1166	0.0028	1.0770	0.0580	0.0647	0.0036	711	16	740	28	764	117	97	4	488	6.9	687	411800	1.060	6.50	0.440	1.76	3.22	0.56	20.20	7.26	74.5	21.7	91.5	17.9	169.1	36.7	11940	0.66	19.3	240.8	0.08	4.93	11.15	15.74	
35-324-114	1716	16	7/6	0.2795	0.0068	4.1500	0.1000	0.1052	0.0009	1589	34	1663	20	1716	16	96	2	529	8.4	1290	438000	3.600	24.30	1.790	9.10	6.20	0.64	26.80	8.70	110.0	40.9	201.0	41.3	391.0	81.9	12480	7.00	338.0	1190.0	0.28	7.45	20.86	17.06	S
35-324-115	647	19	6/38	0.1056	0.0033	0.8880	0.0680	0.0590	0.0042	647	19	637	35	566	155	102	6	102	10.0	352	435100	0.011	4.84	0.056	0.88	2.10	0.15	9.40	2.91	34.0	12.4	57.0	11.3	101.4	21.2	7890	1.15	15.7	37.5	0.42	6.24	5.68	3.28	
35-324-116	1016	33	7/6	0.1771	0.0037	1.8190	0.0330	0.0731	0.0012	1051	20	1051	12	1016	33	100	2	405	4.4	1927	416900	0.013	16.61	0.042	1.18	3.95	0.38	28.90	11.69	157.6	62.4	309.0	61.9	522.0	97.7	12100	5.44	185.1	461.0	0.40	6.20	29.44	13.06	
35-324-117	574	12	Pbcor6/38	0.0932	0.0021	0.7460	0.0210	0.0591	0.0020	574	12	565	12	570	74	101	3	570	14.9	1487	458600	0.134	3.24	0.230	3.10	6.07	0.22	30.10	11.44	138.2	47.4	211.5	41.0	343.0	64.1	12730	2.20	78.5	975.0	0.08	4.64	22.57	18.39	S
35-324-118	104	3	Pbcor6/38	0.0163	0.0004	0.1133	0.0057	0.0498	0.0025	104	3	109	5	185	117	99	5	252	3.3	1132	420400	0.049	32.60	0.145	2.02	4.16	1.06	21.60	7.01	91.0	34.3	173.3	37.3	366.0	82.0	11400	1.94	316.0	711.0	0.44	9.01	18.71	8.12	
35-324-119	201	6	Pbcor6/38	0.0318	0.0009	0.2350	0.0220	0.0532	0.0048	202	6	217	19	336	204	99	9	438	10.0	1292	441700	0.054	31.70	0.151	2.16	5.03	1.26	26.50	8.82	108.7	41.0	200.1	41.0	374.0	78.0	9520	0.84	145.6	138.5	1.05	7.18	20.89	14.13	
35-324-120	1228	46	7/6	0.2032	0.0053	2.2410	0.0480	0.0813	0.0019	1193	28	1193	15	1228	46	100	3	329	8.2	1150	458700	0.064	10.47	0.169	2.06	3.79	0.69	20.80	7.70	99.5	36.6	176.0	34.8	301.0	60.7	10560	0.84	120.9	243.3	0.50	6.10	17.83	10.61	
35-324-122	1113	42	7/6	0.2015	0.0047	2.1570	0.0470	0.0767	0.0016	1183	25	1165	15	1113	42	102	3	469	7.5	921	422500	Below LOD	5.65	0.047	0.91	2.27	0.18	15.70	5.83	77.2	30.0	145.4	29.4	255.7	50.9	10650	0.51	79.8	175.0	0.46	6.59	14.13	15.13	S
35-324-123	869	31	Pbcor6/38	0.1459	0.0056	1.5910	0.0720	0.0774	0.0012	877	31	962	28	1131	31	98	4	634	8.2	1590	433300	0.417	6.61	0.730	6.08	10.10	3.06	44.80	15.10	169.0	55.0	241.0	46.1	396.0	72.5	11390	0.90	243.0	546.0	0.45	4.29	25.06	20.45	S
35-324-124	1738	24	7/6	0.3206	0.0070	4.7480	0.0680	0.1064	0.0014	1792	34	1775	12	1738	24	101	2	375	11.8	876	428500	0.023	11.52	0.073	1.09	2.66	0.36	16.72	5.93	74.3	28.7	135.9	26.9	237.9	46.9	10450	1.05	114.2	200.5	0.57	6.31	13.67	12.10	
35-324-125	276	7	Pbcor6/38	0.0439	0.0011	0.3260	0.0210	0.0532	0.0033	277	7	284	16	336	141	99	6	470	10.0	1565	417400	0.072	15.82	0.295	4.20	6.52	2.31	34.10	10.96	132.0	50.3	243.3	49.1	451.8	93.1	7910	0.61	116.8	185.0	0.63	7.05	24.54	15.16	
35-324-126	591	14	Pbcor6/38	0.0971	0.0023	0.9030	0.0320	0.0687	0.0022	597	14	652	17	889	66	101	3	234	19.9	1172	472000	2.290	36.10	2.800	17.80	14.20	2.84	42.20	12.10	126.7	37.9	162.6	32.3	276.0	49.8	10410	1.15	264.7	693.0	0.38	3.93	19.57	7.55	
35-324-127	556	15	Pbcor6/38	0.0901	0.0025	0.7370	0.0570	0.0592	0.0045	556	15	555	34	574	165	100	7	1127	14.9	2110	437200	0.022	4.35	0.091	1.81	5.08	0.51	36.40	13.60	180.0	68.8	330.0	65.6	573.0	110.9	10910	0.44	42.5	105.4	0.40	6.16	32.09	36.35	S
35-324-128	296	10	Pbcor6/38	0.0469	0.0017	0.3380	0.0250	0.0520	0.0033	295	10	299	21	284	145	100	8	202	6.6	557	438500	0.058	7.09	0.030	0.41	1.57	0.16	10.00	3.65	46.8	17.8	85.4	17.7	157.5	32.0	10570	0.65	80.8	199.0	0.41	6.84	8.73	6.52	
35-324-129	176	7	Pbcor6/38	0.0277	0.0011	0.1850	0.0170	0.0493	0.0048	176	7	171	15	161	228	101	10	268	6.9	687	401300	0.019	42.40	0.112	1.64	4.90	1.42	21.20	5.98	67.0	22.5	104.7	20.5	180.6	36.1	8890	1.21	144.0	226.0	0.64	5.39	12.11	8.65	
35-324-130	549	13	Pbcor6/38	0.0887	0.0022	0.6950	0.0290	0.0563	0.0023	548	13	534	17	463	91	99	4	177	17.9	134	413000	0.027	10.78	0.158	2.55	4.46	0.16	11.51	2.44	18.6	4.3	13.4	2.1	14.5	2.3	11580	0.47	318.0	174.8	1.82	1.25	2.47	5.72	
35-324-131	202	6	Pbcor6/38	0.0323	0.0010	0.2790	0.0300	0.0621	0.0068	205	6	247	24	677	234	99	8	230	59.0	873	412700	0.350	26.22	0.207	2.80	4.70	1.47	23.30	6.86	79.8	28.5	135.9	28.0	249.2	51.2	9560	0.51	117.4	138.2	0.85	6.42	14.45	7.42	
35-324-132	482	11	Pbcor6/38	0.0778	0.0018	0.6350	0.0170	0.0582	0.0015	483	11	498	11	536	56	99	3	423	4.1	1763	401400	0.095	10.43	0.156	1.97	5.19	0.67	34.60	11.87	151.1	57.2	278.0	55.2	478.0	95.8	11190	1.84	267.0	645.0	0.41	6.34	27.16	13.65	
35-324-133	1762	25	7/6	0.3123	0.0067	4.6770	0.0830	0.1078	0.0015	1752	33	1762	15	1762	25	99	2	740	12.9	1717	431300	0.120	7.00	0.131	2.16	4.51	0.34	29.70	10.96	142.5	55.2	268.9	53.6	465.0	90.6	11180	1.00	132.0	342.0	0.39	6.36	26.13	23.87	S
35-324-134	104	3	Pbcor6/38	0.0163	0.0005	0.1230	0.0110	0.0538	0.0055	104	3	117	10	362	230	98	8	169	4.0	707	395900	0.042	47.50	0.162	2.01	4.01	1.27	18.50	5.37	61.8	22.5	104.5	21.4	203.4	45.5	9840	0.43	310.0	306.9	1.01	7.36	12.61	5.45	
35-324-135	630	14	6/38	0.1026	0.0025	0.8650	0.0260	0.0600	0.0015	630	14	632	14	603	54	100	3	376	11.6	2420	400400	0.053	21.33	0.616	8.35	15.80	0.84	79.60	23.90	257.0	84.3	351.0	61.9	491.0	88.5	8500	6.07	414.0	541.0	0.77	3.44	37.79	12.13	
35-324-136	544	13	6/38	0.0880	0.0022	0.7200	0.0280	0.0585	0.0024	544	13	548	17	548	90	99	4	229	10.0	754	421100	0.045	33.04	0.402	5.34	8.45	3.84	30.00	7.84	79.4	24.3	101.7	19.1	163.8	31.4	8160	0.39	129.0	145.0	0.89	3.95	12.86	7.39	
35-324-137	526	13	Pbcor6/38	0.0847	0.0021	0.6580	0.0400	0.0554	0.0034	524	13	510	24	427	137	99	5	622	12.8	1358	434900	0.007	5.40	0.054	1.30	3.20	0.65	24.10	8.48	114.3	44.0	218.4	44.5	401.0	79.6	10180	0.66	44.6	116.9	0.38	6.96	20.93	20.06	S
35-324-139	207	5	6/38	0.0326	0.0008	0.2300	0.0160	0.0501	0.0034	207	5	209	13	199	158	99	7	482	7.8	1466	432600	0.041	36.33	0.196	3.66	6.52	2.06	32.40	10.60	125.9	46.2	221.0	45.4	414.0	85.1	8910	0.88	216.0	251.6	0.86	6.76	23.71	15.55	
35-324-140	190	6	6/38	0.0299	0.0009	0.2060	0.0170	0.0503	0.0041	190	6	190	14	208	189	100	8	663	8.2	2250	468600	0.017	12.17	0.116	2.50	6.54	0.20	42.20	15.90	197.0	73.5	347.0	68.8	586.0	110.0	12370	1.30	243.0	505.0	0.48	5.58	34.39	21.39	
35-324-141	120	5	Pbcor6/38	0.0189	0.0008	0.1260	0.0200	0.0479	0.0073	120	5	119	18	93	361	99	16	545	6.8	1450	464000	Below LOD	10.78	0.063	1.12	2.86	1.18	24.00	8.60	119.0	45.9	234.0	48.2	445.0	91.0	10120	0.86	94.0	188.0	0.50	7.65	22.57	17.58	
35-324-142	526	13	6/38	0.0850	0.0022	0.6820	0.0330	0.0561	0.0024	526	13	525	20	455	95	100	5	337	8.9	576	422900	0.024	5.36	0.027	0.43	1.37	0.16	9.26	3.62	48.7	18.5	92.2	19.3	174.4	35.9	10910	0.57	39.1	205.0	0.19	7.37	9.04	10.87	
35-324-144	161	6	Pbcor6/38	0.0254	0.0009	0.1900	0.0180	0.0536	0.0059	162	6	175	15	353	248	99	9	469	16.3	1640	452600	0.052	7.69	0.140	2.94	5.78	0.59	35.70	12.20	146.0	53.7	249.0	48.5	417.0	80.6	10860	0.92	115.0	222.0	0.52	5.52	25.12	15.13	
35-324-145	196	6	Pbcor6/38	0.0315	0.0010	0.2920	0.0240	0.0659	0.0052	200	6	261	20	802	165	98	6	260	6.5	1780	411100	0.025	5.70	0.351	5.88	11.54	0.99	55.20	16.30	183.0	62.2	268.0	49.1	408.0	77.4	8590	0.48	162.0	240.0	0.68	4.23	27.63	8.40	
35-324-146	98	4	6/38	0.0153	0.0006	0.1010	0.0150	0.0484	0.0076	98	4	98	14	118	370	100	15	231	11.3	1394	455000	0.026	31.60	0.253	3.98	7.29	1.69	33.90	10.04	122.2	44.5	210.0	42.8	383.0	80.2	10030	0.69	248.0	192.0	1.29	6.56	22.49	7.45	
35-324-147	165	5	Pbcor6/38	0.0261	0.0008	0.1960	0.0170	0.0536	0.0046	166	5	181	14	353	194	98	8	389	21.4	1611	436600	0.113	15.14	0.256	3.17	6.26	1.06	31.80	10.37	130.8	51.0	251.0	52.1	464.0	97.4	7200	0.91	250.0	258.0	0.97	7.45	25.07	12.55	
35-324-148	187	7	Pbcor6/38	0.0296	0.0011	0.2230	0.0200	0.0533	0.0044	188	7	205	17	341	187	98	8	360	15.9	1173	420900	0.010	26.20	0.116	2.03	4.15	1.55	23.40	7.69	96.5	37.6	182.2	37.1	336.0	71.6	7450	0.43	114.3	109.5	1.04	7.42	18.85	11.61	
35-324-149	295	7	Pbcor6/38	0.0469	0.0011	0.3430	0.0140	0.0527	0.0024	295	7	299	11	315	104	99	4	386	8.8	2563	414700	0.016	17.15	0.248	4.64	8.95	1.29	49.40	17.14	217.7	83.1	389.0	75.3	646.0	127.2	9800	0.54	294.0	359.0	0.82	5.84	39.17	12.45	
35-324-151	194	6	Pbcor6/38	0.0306	0.0010	0.2310	0.0290	0.0543	0.0067	195	6	208	24	383	278	99	11	368	12.0	1117	446600	0.910	45.40	0.410	3.26	4.56	0.75	22.60	7.64	95.9	35.7	174.2	36.0	328.6	68.9	9730	1.13	164.7	152.2	1.08	7.18	18.78	11.87	
35-324-153	198	5	Pbcor6/38	0.0312	0.0008	0.2240	0.0140	0.0510	0.0029	198	5	205	11	240	131	98	6	454	6.5	1622	431300	0.027	41.80	0.182	3.23	6.24	1.47	34.10	10.82	134.3	51.9	255.0	54.2	502.0	105.5	9790	0.77	313.0	312.0	1.00	7.86	26.43	14.64	
35-324-155	176	4	6/38	0.0277	0.0007	0.1930	0.0084	0.0495	0.0023	176	4	179	7	171	108	99	5	724	3.0	947	399000	0.890	13.06	0.750	4.30	4.06	0.55	17.70	5.63	72.3	28.7	152.8	34.6	348.0	75.8	9410	0.60	233.0	496.0	0.47	10.48	15.27	23.35	
35-324-157	2417	23	7/6	0.3942	0.0094	8.6400	0.1800	0.1565	0.0021	2141	43	2297	19	2417	23	93	2	221	8.9	701	416300	0.070	5.26	0.168	2.63	4.73	1.18	22.70	6.23	70.0	23.8	108.1	20.9	181.0	36.8	9150	0.51	61.2	189.0	0.32	5.26	11.12	7.13	
35-324-158	495	13	Pbcor6/38	0.0796	0.0022	0.6140	0.0310	0.0550	0.0029	494	13	485	19	411	118	99	5	386	7.0	1280	435700	0.017	26.40	0.113	1.83	5.10	0.74	25.80	8.84	110.0	41.5	202.0	41.7	370.0	76.4	11470	1.46	191.0	306.0	0.62	6.95	20.55	12.45	
35-324-159	548	12	6/38	0.0887	0.0020	0.7270	0.0280	0.0585	0.0022	548	12	552	17	548	82	99	4	193	12.6	1053	416800	0.004	9.04	0.183	3.64	8.55	0.46	35.80	10.40	110.6	34.9	145.9	26.1	212.3	37.6	9760	0.65	93.2	171.2	0.54	3.40	16.38	6.23	
35-324-160	1013	75	7/6	0.1824	0.0042	1.8600	0.0710	0.0730	0.0027	1080	23	1062	25	1013	75	102	3	256	11.3	809	422900	0.018	4.04	0.090	1.71	3.61	0.21	19.80	6.34	76.3	27.4	124.3	24.1	208.0	40.6	9610	0.54	38.1	92.7	0.41	5.32	12.54	8.26	
35-324-161	276	7	Pbcor6/38	0.0439	0.0012	0.3290	0.0180	0.0540	0.0028	277	7	288	13	370	117	99	5	944	15.1	1300	381700	3.120	22.50	1.410	8.20	5.80	1.00	27.00	9.10	113.0	39.9	196.0	38.9	349.0	70.1	8210	0.74	251.0	433.0	0.58	6.20	20.68	30.45	
35-324-162	604	18	Pbcor6/38	0.0990	0.0030	0.8990	0.0550	0.0665	0.0044	608	18	656	26	821	138	101	5	210	20.5	227	436300	0.051	1.39	0.047	0.60	0.92	0.17	5.10	1.72	20.4	7.2	33.8	6.9	66.5	14.9	7910	0.22	39.1	93.8	0.42	7.28	3.60	6.78	
35-324-163	235	6	Pbcor6/38	0.0371	0.0009	0.2600	0.0130	0.0510	0.0026	235	6	233	10	240	118	100	5	532	5.2	1580	414900	0.020	62.50	0.163	3.22	6.30	2.00	35.90	11.60	138.0	50.5	242.0	49.0	451.0	94.0	9110	1.02	361.0	366.0	0.99	6.81	26.47	17.16	
35-324-164	1762	29	7/6	0.2898	0.0066	4.2930	0.0730	0.1078	0.0017	1640	33	1693	13	1762	29	97	2	223	5.2	1403	425300	0.059	7.39	0.391	5.46	9.10	3.28	41.50	11.70	131.5	45.4	206.0	41.3	367.0	75.2	7230	0.50	121.7	125.1	0.97	5.72	21.97	7.19	
35-324-166	1176	102	7/6	0.1766	0.0053	1.9200	0.1100	0.0792	0.0041	1048	29	1084	39	1176	102	97	4	379	23.5	1052	382000	0.128	8.10	0.121	1.68	3.59	1.10	22.50	7.32	91.8	34.3	165.4	33.8	307.0	63.0	6920	0.36	25.5	84.2	0.30	6.86	16.50	12.23	
35-324-167	132	3	Pbcor6/38	0.0207	0.0005	0.1317	0.0047	0.0469	0.0017	132	3	126	4	43	87	101	4	190	7.7	932	421800	0.013	31.10	0.052	0.78	2.22	0.98	14.80	5.05	65.6	26.7	151.0	36.2	392.0	92.8	10450	1.62	580.0	906.0	0.64	14.15	15.96	6.14	
35-324-169	270	8	Pbcor6/38	0.0429	0.0013	0.3260	0.0240	0.0552	0.0038	271	8	285	19	419	154	100	7	850	25.0	950	394900	2.320	18.50	0.810	4.20	3.04	0.70	14.90	5.25	69.6	28.8	157.0	37.0	373.0	88.6	8940	0.66	153.0	333.0	0.46	12.73	15.81	27.42	
35-324-170	754	20	Pbcor6/38	0.1237	0.0035	1.0290	0.0800	0.0613	0.0049	752	20	707	41	649	172	101	7	542	4.2	1398	404800	0.063	5.39	0.526	8.61	11.90	1.24	49.10	13.36	142.8	46.8	199.1	36.7	310.0	58.9	8370	0.56	62.8	52.0	1.21	4.12	21.67	17.48	
35-324-171	1515	34	7/6	0.2520	0.0056	3.2590	0.0570	0.0944	0.0017	1449	29	1471	14	1515	34	99	2	1253	21.2	2031	418500	0.950	9.62	0.900	5.01	5.60	0.64	32.00	11.77	161.9	63.3	322.0	68.9	638.0	125.1	11420	0.73	76.6	405.0	0.19	7.73	31.27	40.42	S
35-324-172	120	4	Pbcor6/38	0.0187	0.0006	0.1100	0.0120	0.0432	0.0046	119	4	105	11	0	256	101	12	286	4.8	968	428600	Below LOD	20.88	0.090	1.53	3.18	0.89	17.70	6.21	77.1	29.8	148.5	32.2	312.6	66.1	10030	0.70	149.8	236.0	0.63	8.57	15.60	9.23	
35-324-173	548	12	Pbcor6/38	0.0886	0.0021	0.6740	0.0390	0.0566	0.0033	547	12	521	24	475	129	102	5	910	14.4	3260	438600	0.032	16.50	0.334	5.74	12.50	1.90	71.30	23.36	297.0	108.2	499.0	94.3	811.0	153.0	10570	0.90	263.0	271.0	0.97	5.15	50.00	29.35	
35-324-174	239	6	Pbcor6/38	0.0378	0.0010	0.2730	0.0120	0.0523	0.0019	239	6	244	9	298	83	100	5	275	10.9	1123	401700	0.050	20.72	0.248	3.71	6.09	0.92	24.90	7.72	93.4	34.9	171.3	35.8	331.0	68.9	9960	0.85	536.0	583.0	0.92	7.38	17.92	8.87	
35-324-175	566	15	Pbcor6/38	0.0920	0.0025	0.7620	0.0460	0.0606	0.0036	568	15	572	26	624	128	101	5	1262	17.9	2135	390900	0.150	5.69	0.256	3.89	8.86	1.10	54.20	17.54	203.4	70.1	304.0	57.0	478.0	91.4	9570	0.40	72.0	130.0	0.55	4.49	32.59	40.71	S
35-324-176	188	5	6/38	0.0297	0.0008	0.1990	0.0140	0.0501	0.0037	188	5	184	12	199	172	102	7	322	13.0	1508	461000	0.026	27.00	0.094	1.43	4.15	0.22	27.00	9.65	125.5	47.8	238.0	48.4	432.0	84.6	11490	2.57	170.0	311.0	0.55	6.74	23.79	10.39	
35-324-177	208	5	Pbcor6/38	0.0329	0.0009	0.2370	0.0190	0.0526	0.0042	208	5	214	16	311	182	100	8	264	9.0	783	420400	0.024	15.73	0.078	1.45	2.74	0.68	15.80	5.10	62.2	24.8	125.7	27.1	262.2	56.9	9500	0.48	154.8	201.2	0.77	9.15	12.69	8.52	
35-324-178	199	6	Pbcor6/38	0.0312	0.0009	0.2050	0.0140	0.0478	0.0033	198	6	188	12	88	164	100	7	978	10.1	2260	410500	0.023	2.42	0.079	1.64	5.46	0.09	38.70	14.90	196.0	73.7	348.0	69.2	587.0	112.7	11540	0.78	123.0	388.0	0.32	5.75	34.21	31.55	S
35-324-182	788	17	Pbcor6/38	0.1307	0.0030	1.2810	0.0320	0.0702	0.0017	792	17	836	14	933	50	99	3	580	10.3	1400	415200	0.103	120.00	0.203	3.57	7.70	2.42	40.00	11.60	131.0	45.1	203.0	39.3	334.0	65.6	9186	0.92	568.0	566.0	1.00	5.01	25.43	18.71	
35-324-183	507	12	Pbcor6/38	0.0820	0.0019	0.6690	0.0230	0.0591	0.0021	508	12	519	14	570	77	100	4	199	5.8	744	434200	0.034	10.06	0.066	0.84	1.82	0.67	12.01	4.28	55.3	22.4	122.6	28.3	296.0	70.4	11630	0.43	152.2	244.0	0.62	12.73	12.23	6.42	
35-324-185	402	10	Pbcor6/38	0.0642	0.0016	0.4750	0.0200	0.0533	0.0022	401	10	393	14	341	93	99	4	214	5.4	676	417800	0.225	9.99	0.204	1.90	2.46	0.75	12.50	4.25	54.1	21.1	109.0	24.4	243.0	55.3	11130	1.10	127.0	373.0	0.34	10.22	11.03	6.89	
35-324-186	528	11	Pbcor6/38	0.0854	0.0019	0.6940	0.0160	0.0586	0.0013	528	11	535	10	551	48	100	3	362	5.7	910	436100	0.052	15.03	0.121	2.11	4.35	0.96	22.02	6.80	77.3	28.5	138.9	28.8	266.3	56.4	9430	0.74	207.1	700.0	0.30	7.30	14.53	11.68	
35-324-187	1948	21	7/6	0.3677	0.0080	6.1300	0.0790	0.1195	0.0014	2018	38	1994	11	1948	21	101	2	239	4.8	1847	397000	0.061	12.31	0.516	6.93	11.52	0.94	57.30	16.49	180.3	62.3	270.1	48.9	405.7	75.0	8730	1.46	180.3	411.0	0.44	4.16	28.46	7.71	
35-324-190	112	4	Pbcor6/38	0.0176	0.0006	0.1250	0.0110	0.0518	0.0050	112	4	119	10	276	222	100	9	279	13.1	840	444600	0.019	12.51	0.099	1.76	3.67	0.40	19.50	6.03	74.0	26.4	122.8	24.0	208.0	40.9	10470	0.61	147.0	246.0	0.60	5.53	13.13	9.00	
35-324-191	885	22	6/38	0.1472	0.0040	1.3920	0.0510	0.0693	0.0022	885	22	884	22	907	65	100	4	365	5.5	1441	389400	0.102	4.98	0.166	1.41	3.30	0.44	21.10	8.12	112.1	46.4	236.1	49.4	451.0	94.1	9830	1.96	133.0	670.0	0.20	8.39	22.17	11.77	
35-324-192	199	9	6/38	0.0313	0.0014	0.2220	0.0380	0.0496	0.0082	199	9	196	32	175	386	101	17	357	34.7	856	425300	0.034	19.00	0.182	3.64	6.69	1.90	27.80	7.62	84.9	28.6	126.4	24.2	208.0	41.6	8030	0.43	39.8	32.2	1.24	4.90	13.91	11.52	
35-324-193	191	5	6/38	0.0300	0.0009	0.2100	0.0200	0.0512	0.0046	191	5	191	16	249	206	100	9	372	15.9	585	425600	0.022	2.14	0.138	2.43	6.32	0.20	32.10	8.43	75.3	19.2	66.6	10.9	80.9	14.1	11690	0.27	64.7	133.5	0.48	1.87	9.22	12.00	
35-324-194	539	11	Pbcor6/38	0.0871	0.0019	0.6783	0.0099	0.0577	0.0008	538	11	525	6	516	32	102	2	92	4.3	152	415700	Below LOD	3.28	0.009	0.23	0.65	0.20	4.07	1.37	15.3	4.8	20.1	3.4	26.9	5.0	14640	0.92	71.7	1244.0	0.06	3.27	2.37	2.95	
35-324-195	221	6	Pbcor6/38	0.0348	0.0009	0.2280	0.0170	0.0485	0.0037	221	6	207	14	123	180	102	8	372	12.4	1206	420000	0.039	67.00	0.183	3.01	6.12	1.60	33.10	9.98	115.0	40.2	182.5	35.0	305.0	59.9	9210	1.48	152.3	175.0	0.87	5.21	20.81	12.00	
35-324-196	253	6	Pbcor6/38	0.0399	0.0010	0.2600	0.0180	0.0482	0.0034	252	6	233	14	108	167	102	7	372	6.0	655	414200	0.015	10.04	0.030	0.71	1.43	0.18	10.24	3.83	51.0	20.4	104.7	22.5	204.6	42.5	11770	0.47	95.9	215.0	0.45	8.33	10.33	12.00	
35-324-197	591	14	Pbcor6/38	0.0958	0.0024	0.7520	0.0350	0.0585	0.0027	590	14	567	20	548	101	102	4	249	5.8	583	450100	0.124	11.30	0.122	1.18	2.27	0.29	12.10	4.22	52.8	19.2	93.8	20.0	182.0	37.7	12410	5.84	61.4	267.0	0.23	7.14	9.50	8.03	
35-324-198	120	5	6/38	0.0187	0.0007	0.1210	0.0160	0.0492	0.0068	120	5	115	14	156	324	104	13	183	13.9	694	468900	0.047	13.92	0.067	1.25	2.84	0.66	15.50	5.24	61.7	21.8	105.8	21.0	191.3	38.8	11480	0.32	177.4	201.1	0.88	6.29	11.13	5.90	
35-324-199	538	14	6/38	0.0871	0.0024	0.6890	0.0430	0.0589	0.0039	538	14	532	25	562	144	101	5	238	14.6	1334	421000	0.031	6.14	0.382	6.87	12.12	0.57	50.60	14.08	143.8	44.7	182.9	33.1	260.7	48.9	9900	0.58	60.0	74.0	0.81	3.40	20.71	7.69	
35-324-200	1060	54	7/6	0.1903	0.0043	1.9360	0.0540	0.0747	0.0020	1123	23	1091	18	1060	54	103	3	228	3.8	1526	412000	0.075	24.30	0.225	3.81	8.20	1.62	39.80	12.70	149.9	52.3	228.2	43.9	359.1	66.4	9820	1.58	72.9	278.4	0.26	4.43	24.16	7.35	
35-324-201	765	19	Pbcor6/38	0.1255	0.0033	1.0500	0.0440	0.0611	0.0024	762	19	727	22	642	84	101	4	314	18.6	614	442200	0.012	4.57	0.104	1.81	5.03	0.47	21.60	6.28	67.0	20.8	87.0	15.7	132.0	25.4	11890	0.48	44.0	239.0	0.18	3.79	9.70	10.13	
35-324-202	988	85	7/6	0.1660	0.0047	1.5930	0.0690	0.0721	0.0030	990	26	966	27	988	85	102	4	396	10.1	1358	467000	0.100	6.55	0.137	2.07	4.78	0.16	29.70	9.82	122.0	44.8	207.1	40.1	350.0	65.5	11670	1.08	93.2	250.8	0.37	5.37	20.80	12.77	
35-324-203	634	13	Pbcor6/38	0.1031	0.0023	0.8430	0.0250	0.0595	0.0016	633	13	622	13	585	58	100	3	249	8.2	561	423100	Below LOD	3.68	0.027	0.35	1.06	0.08	8.69	3.43	48.5	18.6	91.6	20.1	181.5	35.7	11000	3.08	91.0	394.0	0.23	7.36	8.77	8.03	
35-324-205	102	4	6/38	0.0159	0.0007	0.1070	0.0180	0.0498	0.0087	102	4	102	16	185	406	100	16	432	6.3	943	419000	0.003	14.28	0.079	1.57	3.59	1.47	21.60	6.48	83.1	31.6	151.9	31.1	286.0	60.1	9890	0.40	50.6	69.7	0.73	7.23	15.16	13.94	
35-324-206	564	13	Pbcor6/38	0.0915	0.0022	0.7700	0.0370	0.0603	0.0031	565	13	578	21	613	111	99	4	220	13.6	403	394900	Below LOD	4.49	0.244	3.51	5.90	0.96	19.30	4.37	41.8	13.9	59.9	11.1	97.0	18.8	9130	0.20	96.0	217.0	0.44	4.50	6.40	7.10	
35-324-207	108	3	Pbcor6/38	0.0169	0.0004	0.1096	0.0075	0.0472	0.0032	108	3	105	7	58	162	100	7	188	6.7	896	456800	0.204	20.50	0.091	0.43	0.95	0.35	6.62	2.77	45.4	23.2	151.5	43.0	530.0	151.7	14580	2.87	281.0	1590.0	0.18	33.41	16.19	6.06	
113-692B-1	1322	50	7/6	0.1884	0.0042	2.2070	0.0640	0.0853	0.0022	1112	23	1180	20	1322	50	94	3	214	3.7	1642	431200	0.026	12.26	0.413	7.07	11.70	0.48	55.00	15.30	165.0	54.2	232.0	41.0	331.0	62.2	10570	1.43	71.1	182.3	0.39	3.77	25.35	6.90	
113-692B-4	977	99	7/6	0.1632	0.0036	1.6100	0.0760	0.0717	0.0035	974	20	970	30	977	99	100	4	146	2.3	330	398500	Below LOD	4.78	0.023	0.16	0.77	0.02	6.13	2.37	29.4	11.7	55.7	11.3	101.3	20.2	10700	2.12	14.7	109.2	0.13	6.89	5.23	4.72	
113-692B-9	551	12	Pbcor6/38	0.0900	0.0021	0.8200	0.0600	0.0663	0.0051	556	12	604	32	815	161	100	5	215	4.7	553	447200	0.014	5.94	0.051	1.01	2.12	0.13	10.30	3.77	46.8	18.2	92.1	19.3	175.8	36.3	10330	1.64	47.1	158.5	0.30	7.76	8.76	6.94	
113-692B-10	629	12	Pbcor6/38	0.1027	0.0020	0.8790	0.0310	0.0619	0.0021	630	12	638	17	670	73	100	3	270	10.9	1077	440000	0.035	12.98	0.297	4.38	7.10	0.95	31.20	9.08	100.9	34.1	153.0	29.9	255.0	50.3	10360	0.65	147.0	226.0	0.65	4.99	16.86	8.71	
113-692B-14rim	588	11	Pbcor6/38	0.0961	0.0019	0.8600	0.0230	0.0646	0.0018	591	11	630	13	760	59	99	3	223	16.2	89	466500	0.200	2.69	0.170	2.73	5.06	0.27	14.40	2.54	14.3	2.8	8.1	1.1	8.4	1.3	12320	0.04	135.0	383.0	0.35	0.89	1.56	7.19	
113-692B-14core	631	13	Pbcor6/38	0.1025	0.0022	0.8420	0.0430	0.0587	0.0026	629	13	619	23	555	97	99	4	165	13.7	65	406500	Below LOD	2.49	0.066	2.47	5.03	0.53	15.10	2.03	11.7	2.2	5.6	0.7	4.9	0.7	10350	0.03	63.3	269.8	0.23	0.61	1.16	5.31	
113-692B-21	1049	79	7/6	0.1733	0.0037	1.7840	0.0690	0.0743	0.0029	1030	20	1036	25	1049	79	99	3	260	12.3	632	443300	0.006	11.34	0.079	1.18	2.76	0.66	14.66	4.83	58.5	21.3	101.7	20.3	180.5	36.2	9770	1.08	40.6	132.4	0.31	6.19	10.18	8.38	
113-692B-23	58	2	Pbcor6/38	0.0091	0.0003	0.0650	0.0110	0.0516	0.0086	59	2	63	10	267	382	100	15	343	11.7	2222	426800	0.022	10.37	0.231	4.08	8.56	1.20	48.60	15.57	188.9	68.7	322.1	62.3	536.0	104.7	9500	0.38	190.2	211.1	0.90	5.54	33.66	11.06	
113-692B-24	674	14	Pbcor6/38	0.1116	0.0023	1.1190	0.0490	0.0719	0.0032	682	14	759	23	982	91	99	3	225	4.7	1575	468700	0.038	5.83	0.426	6.95	11.94	1.22	49.90	14.57	160.2	52.3	223.2	40.0	330.1	61.1	12210	2.14	26.9	148.3	0.18	3.81	24.23	7.24	
113-692B-25	470	12	Pbcor6/38	0.0761	0.0020	0.6380	0.0500	0.0607	0.0051	473	12	498	31	628	181	100	6	830	14.3	2550	403800	0.730	16.80	0.530	6.76	10.42	2.05	64.20	20.00	235.0	84.4	377.0	70.6	590.0	112.2	9280	0.82	212.0	205.4	1.03	4.77	39.16	26.77	
113-692B-29	517	13	Pbcor6/38	0.0851	0.0023	0.8630	0.0640	0.0732	0.0054	527	13	628	36	1019	149	99	5	187	15.9	637	428500	0.007	5.53	0.177	3.35	5.33	0.53	23.60	6.40	68.7	21.7	90.8	16.6	137.3	25.3	9290	0.64	45.3	75.1	0.60	3.68	10.04	6.03	
113-692B-31	629	11	Pbcor6/38	0.1022	0.0020	0.8360	0.0340	0.0584	0.0022	627	11	614	19	544	82	99	4	434	6.1	798	436600	0.001	9.44	0.032	0.93	2.80	0.10	18.84	6.34	75.5	26.4	115.4	21.0	171.4	32.0	12610	0.53	24.8	214.3	0.12	4.24	12.34	14.00	
113-692B-32	664	14	Pbcor6/38	0.1087	0.0024	0.9620	0.0610	0.0637	0.0039	665	14	680	32	731	130	99	5	228	12.8	475	470100	0.006	17.26	0.059	0.87	2.18	0.33	9.01	3.30	40.6	15.1	77.5	16.4	156.3	32.2	12230	0.95	80.4	143.2	0.56	7.92	7.97	7.35	
113-692B-36	601	12	Pbcor6/38	0.0977	0.0021	0.8230	0.0360	0.0605	0.0025	601	12	608	20	621	89	99	4	240	4.6	346	441600	0.017	2.24	0.048	0.90	3.98	0.11	18.10	4.91	43.3	10.8	36.5	5.8	44.6	7.5	13240	0.50	60.8	339.1	0.18	1.74	5.43	7.73	
113-692B-45	1141	66	7/6	0.1674	0.0031	1.8150	0.0630	0.0778	0.0026	997	17	1051	21	1141	66	95	2	224	3.1	767	448200	0.006	9.86	0.025	0.94	2.63	0.35	17.49	5.64	69.8	26.4	127.2	25.6	229.0	47.3	11090	0.58	33.5	137.6	0.24	6.78	12.26	7.21	
113-692B-55	900	20	Pbcor6/38	0.1503	0.0035	1.5050	0.0470	0.0716	0.0024	903	20	930	20	974	68	99	3	232	3.1	741	432200	0.003	7.23	0.042	1.14	2.95	0.21	16.51	5.46	66.5	24.6	118.5	23.5	209.7	41.9	9710	0.67	35.1	129.6	0.27	6.30	11.64	7.48	
113-692B-64	476	10	Pbcor6/38	0.0777	0.0016	0.7320	0.0390	0.0676	0.0039	482	10	555	23	855	120	99	4	244	11.5	1671	399600	0.032	15.85	0.550	8.90	14.50	0.60	61.40	17.09	174.7	53.6	217.4	38.5	302.3	54.1	9857	0.72	213.6	254.1	0.84	3.10	25.86	7.87	
113-692B-67	886	21	Pbcor6/38	0.1481	0.0038	1.5040	0.0730	0.0728	0.0032	890	21	929	30	1008	89	99	4	142	3.4	245	406500	0.022	1.37	0.017	0.41	0.61	0.03	4.99	1.70	20.7	8.2	41.8	8.9	85.4	18.7	10110	0.91	18.0	191.7	0.09	9.01	3.91	4.56	
113-692B-69	1254	55	7/6	0.1975	0.0037	2.2770	0.0640	0.0824	0.0023	1162	20	1202	20	1254	55	97	2	512	8.5	1187	434000	0.019	2.50	0.157	3.39	6.64	0.29	33.20	9.82	112.5	38.7	171.2	32.3	275.7	53.5	9920	0.39	68.5	148.9	0.46	4.75	18.14	16.52	S
113-692B-70	1294	56	7/6	0.1786	0.0054	2.0980	0.0820	0.0841	0.0024	1059	30	1146	27	1294	56	92	3	254	6.9	753	472200	0.180	21.60	0.210	2.33	3.80	1.04	15.80	5.25	61.9	22.5	117.9	25.8	259.7	58.0	12520	0.82	132.0	463.0	0.29	9.37	12.59	8.19	
113-692B-72	530	15	Pbcor6/38	0.0872	0.0026	0.8950	0.0870	0.0725	0.0065	539	15	640	46	999	182	97	6	173	14.1	482	422000	0.520	8.61	0.196	1.63	2.95	0.21	15.33	4.20	48.6	16.6	71.6	13.3	113.3	20.9	9610	1.05	59.2	104.9	0.56	4.30	7.71	5.57	
113-692B-75	3524	37	7/6	0.6954	0.0150	30.5000	1.0000	0.3108	0.0074	3402	55	3494	33	3524	37	97	2	377	19.3	1787	440200	0.039	21.61	0.465	6.95	10.24	3.27	47.30	14.48	162.8	56.5	254.4	49.3	422.0	82.4	8260	0.77	45.4	38.3	1.18	5.06	27.86	12.16	
113-692B-82	3358	35	7/6	0.6330	0.0130	24.6200	0.5100	0.2792	0.0063	3161	53	3292	20	3358	35	96	2	202	10.6	450	420000	1.320	26.90	0.690	4.80	2.97	1.07	12.40	3.55	41.8	14.3	67.5	13.9	124.1	25.3	8920	0.70	119.4	157.1	0.76	6.06	7.94	6.52	
113-692B-85	1146	84	7/6	0.1670	0.0032	1.8420	0.0830	0.0780	0.0033	996	18	1059	29	1146	84	94	3	340	3.4	740	450000	0.073	5.50	Below LOD	0.72	2.50	0.79	18.00	4.20	71.0	22.0	110.0	27.0	230.0	50.0	11000	0.05	49.0	320.0	0.15	7.04	11.94	10.97	
113-692B-87	912	22	Pbcor6/38	0.1544	0.0039	1.7800	0.0820	0.0826	0.0043	925	22	1033	30	1259	102	99	3	545	29.0	2314	460500	0.590	14.08	1.000	10.60	14.40	1.13	64.80	19.20	220.5	75.3	336.0	62.6	519.0	96.8	10140	1.87	44.9	107.2	0.42	4.39	35.55	17.58	
113-692B-88	1049	68	7/6	0.1654	0.0033	1.7310	0.0610	0.0743	0.0025	987	18	1017	22	1049	68	97	3	358	3.6	1126	437800	0.014	12.36	0.140	2.07	3.66	0.57	22.80	7.17	89.5	34.9	168.4	35.2	314.0	64.7	10570	0.56	118.7	237.2	0.50	7.23	17.43	11.55	
113-692B-89	859	17	Pbcor6/38	0.1449	0.0031	1.6610	0.0780	0.0819	0.0031	872	17	991	30	1242	74	98	3	456	8.6	1719	428400	0.038	25.80	0.207	3.73	7.22	1.01	34.40	11.57	144.2	54.8	260.0	50.8	446.0	90.9	8180	0.50	66.7	195.6	0.34	6.30	26.86	14.71	
113-692B-95	1166	78	7/6	0.1767	0.0043	1.9570	0.0940	0.0788	0.0031	1049	23	1095	31	1166	78	96	3	279	7.0	1400	414200	0.043	59.40	0.570	7.20	10.90	3.02	43.30	12.30	135.0	45.2	198.0	38.5	324.0	63.1	8290	1.21	248.0	150.0	1.65	4.67	23.45	9.00	
113-692B-99	1065	72	7/6	0.1711	0.0036	1.7900	0.0670	0.0749	0.0027	1018	20	1038	25	1065	72	98	3	230	6.6	1371	476000	0.080	5.17	0.510	7.75	10.50	0.87	46.90	13.42	139.8	45.8	188.0	33.5	269.0	50.5	10580	0.42	67.4	142.0	0.47	3.61	21.03	7.42	
113-692B-106	715	14	Pbcor6/38	0.1193	0.0025	1.2990	0.0600	0.0775	0.0027	726	14	842	26	1133	69	98	3	165	1.9	1566	474500	0.064	9.03	0.275	4.10	7.45	0.70	39.60	12.23	144.0	51.6	232.0	42.0	351.8	70.9	8540	3.23	22.4	236.0	0.10	4.92	24.02	5.33	
113-692B-107	1247	52	7/6	0.1732	0.0039	1.9970	0.0780	0.0821	0.0022	1030	21	1112	27	1247	52	93	3	278	4.8	1084	443000	3.200	64.00	1.420	7.30	5.33	1.40	25.20	8.07	95.4	34.4	167.0	32.7	300.2	63.8	10390	1.42	159.6	243.0	0.66	6.69	18.98	8.97	
113-692B-113	1458	62	7/6	0.2085	0.0058	2.6850	0.1000	0.0916	0.0030	1220	31	1321	28	1458	62	92	3	305	8.4	1940	447400	0.015	15.00	0.377	6.03	11.80	0.46	55.20	16.80	191.0	65.5	281.0	50.0	412.0	78.2	10780	1.31	118.0	159.0	0.74	4.09	29.98	9.84	
113-692B-114	1191	74	7/6	0.1889	0.0047	2.0960	0.0930	0.0798	0.0030	1115	25	1144	30	1191	74	97	3	199	7.2	1366	488500	Below LOD	10.57	0.068	1.30	3.66	0.33	23.90	8.60	111.5	42.9	207.0	39.1	340.0	65.8	13640	2.11	53.8	232.0	0.23	5.90	20.69	6.42	
113-692B-115	584	15	Pbcor6/38	0.0955	0.0026	0.8620	0.0640	0.0651	0.0048	588	15	628	34	777	155	99	6	650	11.4	835	405100	0.700	31.40	0.800	8.87	9.80	1.05	35.30	9.23	92.7	28.2	117.9	20.8	172.0	32.7	9200	0.67	162.0	157.0	1.03	3.53	14.07	20.97	
113-692B-116	500	12	Pbcor6/38	0.0822	0.0020	0.8320	0.0410	0.0720	0.0035	509	12	611	22	985	99	98	4	259	8.7	574	429600	0.125	13.04	0.186	1.87	2.97	0.21	14.00	4.51	53.0	18.7	85.6	17.1	152.2	30.4	10140	1.04	94.5	335.0	0.28	5.74	9.26	8.35	
113-692B-125	1131	62	7/6	0.1871	0.0036	2.0250	0.0680	0.0774	0.0024	1105	20	1120	23	1131	62	99	3	331	7.5	1338	423300	0.238	10.59	0.338	4.60	7.37	0.67	35.10	10.98	127.6	43.7	195.5	36.0	301.3	60.1	8780	1.38	116.2	199.4	0.58	4.71	20.75	10.68	
113-692B-127rim	543	15	Pbcor6/38	0.0895	0.0026	0.9030	0.0700	0.0728	0.0049	553	15	650	38	1008	137	99	5	143	6.2	338	504900	0.092	4.48	0.050	0.84	1.89	0.19	8.21	2.55	31.8	10.5	48.6	9.8	86.8	17.4	11280	0.71	102.0	184.8	0.55	5.47	5.35	4.61	
113-692B-127core	624	15	Pbcor6/38	0.1022	0.0026	0.9310	0.0580	0.0648	0.0043	627	15	665	30	767	140	98	5	128	5.5	519	446000	0.068	4.13	0.058	1.81	2.99	0.51	14.80	4.64	52.2	17.5	76.6	14.6	128.2	25.1	9860	0.54	53.7	134.1	0.40	4.81	8.18	4.12	
113-692B-128	646	12	6/38	0.1054	0.0021	0.8970	0.0430	0.0609	0.0029	646	12	646	23	635	103	100	4	343	20.6	467	438300	Below LOD	16.44	0.080	1.80	4.53	0.74	20.88	5.78	55.5	14.7	55.0	8.8	62.6	10.7	12240	0.27	70.9	149.1	0.48	1.93	7.69	11.06	
113-692B-131	544	9	Pbcor6/38	0.0891	0.0016	0.8540	0.0330	0.0687	0.0026	550	9	624	18	889	78	99	3	49	2.6	110	437600	0.001	19.63	0.025	0.41	0.96	0.37	3.11	0.87	8.3	2.9	14.5	3.2	32.3	8.6	9820	0.05	103.2	347.7	0.30	10.28	2.38	1.56	
113-692B-135	502	12	Pbcor6/38	0.0825	0.0020	0.8260	0.0470	0.0717	0.0037	511	12	607	28	977	105	98	4	205	9.2	655	437800	0.007	13.90	0.085	1.62	3.25	0.11	18.70	5.69	63.9	22.0	98.0	18.1	153.6	29.1	11970	1.46	80.6	165.6	0.49	4.55	10.47	6.60	
113-692B-136	540	12	Pbcor6/38	0.0889	0.0020	0.9160	0.0680	0.0731	0.0036	549	12	656	36	1016	100	97	5	78	5.0	227	473000	0.045	3.64	0.078	0.59	0.50	0.34	3.73	1.15	16.7	6.4	35.2	8.1	89.7	23.0	10080	0.26	16.7	435.0	0.04	13.77	3.79	2.52	
113-692B-137rim	560	11	Pbcor6/38	0.0909	0.0018	0.7570	0.0400	0.0602	0.0033	561	11	568	23	610	118	100	4	159	8.1	402	443000	0.030	4.22	0.054	0.86	2.00	0.10	11.80	3.44	39.8	13.3	57.2	10.5	89.0	17.4	11990	0.45	86.3	182.8	0.47	4.37	6.29	5.13	
113-692B-137core	639	11	6/38	0.1041	0.0019	0.8940	0.0980	0.0611	0.0067	639	11	645	54	642	236	99	8	240	9.0	840	440000	Below LOD	3.40	0.120	2.10	2.00	0.21	25.00	9.20	93.0	32.0	120.0	20.0	200.0	34.0	11000	0.96	120.0	220.0	0.55	3.66	13.14	7.74	
113-692B-138	633	11	Pbcor6/38	0.1040	0.0019	0.9750	0.0390	0.0673	0.0027	638	11	688	20	846	83	99	3	302	9.9	877	441100	Below LOD	9.61	0.077	1.60	3.06	0.24	16.97	6.16	77.5	28.6	139.0	27.5	243.1	49.0	10040	0.84	142.1	233.7	0.61	6.33	13.73	9.74	
113-692B-142	905	25	Pbcor6/38	0.1515	0.0044	1.5600	0.1200	0.0739	0.0061	909	25	947	45	1038	167	99	5	740	2.5	1250	451700	3.800	17.50	0.580	4.90	7.30	0.62	34.90	9.90	120.0	41.4	185.0	34.8	281.0	55.2	8480	0.96	26.4	77.4	0.34	4.60	19.76	23.87	S
113-692B-154	1331	99	7/6	0.1923	0.0040	2.2600	0.0790	0.0857	0.0044	1134	21	1197	26	1331	99	95	3	323	5.9	1830	506900	0.130	15.30	0.203	2.66	4.46	0.27	30.70	11.73	151.0	57.7	278.0	55.6	481.0	94.9	13220	1.20	245.0	607.0	0.40	6.28	28.04	10.42	
113-692B-163	530	10	Pbcor6/38	0.0858	0.0016	0.7030	0.0170	0.0594	0.0014	531	10	542	11	581	51	100	3	1023	3.9	2019	425300	Below LOD	1.92	0.029	0.49	1.87	0.07	18.20	9.06	141.8	59.9	328.2	73.7	688.0	138.8	13520	2.44	52.7	553.0	0.10	9.79	30.58	33.00	S
113-692B-164	785	15	Pbcor6/38	0.1316	0.0026	1.4310	0.0570	0.0790	0.0034	797	15	899	23	1171	85	100	3	507	16.5	1049	445400	0.036	2.37	0.064	1.00	2.31	0.18	16.10	6.49	88.8	34.9	168.9	34.7	305.0	60.6	12440	0.87	47.9	241.6	0.20	6.82	16.09	16.35	S
113-692B-166	939	22	Pbcor6/38	0.1577	0.0040	1.6250	0.0730	0.0750	0.0030	944	22	976	28	1068	80	100	4	257	4.3	1509	435500	0.015	4.95	0.262	4.77	8.70	0.81	44.60	12.95	144.9	49.7	212.1	39.6	323.9	60.9	9900	0.88	72.9	182.8	0.40	4.20	23.00	8.29	
119-740A-1	723	27	Pbcor6/38	0.1196	0.0048	1.1560	0.0450	0.0695	0.0015	728	27	777	21	913	44	99	4	695	6.8	830	405100	0.036	4.93	0.030	0.39	1.24	0.22	7.12	3.75	57.3	26.6	162.3	44.3	501.0	114.8	11430	1.53	46.4	567.0	0.08	20.03	14.26	22.42	
119-740A-2	1278	51	7/6	0.2139	0.0070	2.4990	0.0580	0.0834	0.0022	1249	37	1271	17	1278	51	98	3	445	20.8	2300	458000	0.670	95.10	1.370	11.70	15.70	4.72	62.30	18.00	205.0	71.0	330.0	65.8	569.0	111.7	10470	1.64	594.0	380.7	1.56	5.45	38.18	14.35	
119-740A-4	1296	53	7/6	0.1823	0.0067	2.1030	0.0770	0.0842	0.0023	1079	37	1147	25	1296	53	94	4	435	21.1	849	410300	0.790	19.94	1.170	8.03	7.35	2.98	23.30	7.33	81.4	27.5	129.9	27.2	258.6	51.2	10760	1.06	121.1	239.9	0.50	6.29	14.08	14.03	
119-740A-5	752	23	Pbcor6/38	0.1245	0.0040	1.2050	0.0320	0.0695	0.0018	756	23	801	15	913	53	99	3	599	16.9	1241	428200	3.870	31.70	4.710	27.20	22.60	7.30	51.60	14.04	135.1	37.5	160.4	32.9	311.0	60.5	12280	1.29	91.8	340.5	0.27	4.48	20.93	19.32	S
119-740A-7	687	22	Pbcor6/38	0.1131	0.0044	1.0480	0.0380	0.0671	0.0017	695	22	730	18	840	53	100	4	820	20.5	2110	455000	3.470	21.30	4.200	26.70	25.10	9.70	86.00	25.10	243.0	59.0	208.0	32.4	236.0	38.0	13350	0.53	91.0	674.0	0.14	1.56	32.93	26.45	
119-740A-8	825	31	Pbcor6/38	0.1381	0.0054	1.4830	0.0930	0.0766	0.0042	834	31	916	37	1110	110	98	5	387	29.2	669	459700	1.350	12.67	1.810	11.00	9.19	5.94	22.90	6.64	69.2	21.5	97.9	22.0	211.1	40.4	13100	1.91	25.8	157.5	0.16	5.84	11.27	12.48	
119-740A-11	1008	78	7/6	0.1595	0.0057	1.6130	0.0630	0.0728	0.0028	954	31	971	25	1008	78	98	4	582	20.8	1626	437900	0.736	21.40	0.880	6.84	9.10	3.02	43.80	14.20	158.7	53.7	223.3	40.2	331.1	62.6	11300	5.91	80.5	210.5	0.38	3.94	25.41	18.77	
119-740A-12	806	26	6/38	0.1332	0.0046	1.2450	0.0800	0.0670	0.0045	806	26	813	37	837	140	99	6	92	4.9	107	448000	Below LOD	3.97	0.024	0.41	1.05	0.52	5.96	1.48	13.4	3.4	11.6	1.7	11.9	2.2	11640	0.18	32.9	49.5	0.66	1.61	1.76	2.97	
119-740A-13	2725	28	7/6	0.5394	0.0170	14.1100	0.2600	0.1881	0.0032	2781	71	2758	16	2725	28	101	3	577	45.9	1654	425000	0.042	17.07	0.281	4.05	6.14	1.43	35.70	11.81	141.8	52.5	243.4	48.6	420.0	82.5	8830	1.15	69.5	73.8	0.94	5.82	25.55	18.61	
119-740A-14	2868	17	7/6	0.5117	0.0160	14.5400	0.1400	0.2053	0.0021	2664	68	2785	9	2868	17	96	2	424	13.7	1111	465700	0.461	15.19	0.565	5.23	6.90	3.65	30.20	8.81	99.8	33.4	154.1	30.3	277.4	56.9	11150	0.46	88.0	234.0	0.38	5.70	17.56	13.68	
119-740A-20	1110	44	7/6	0.1630	0.0057	1.7200	0.0480	0.0766	0.0017	973	32	1018	19	1110	44	96	4	712	11.6	2227	430700	1.010	20.64	1.570	10.50	13.40	2.60	56.10	17.35	208.8	72.5	325.3	61.3	514.0	98.3	11000	6.58	266.0	388.0	0.69	4.71	34.55	22.97	
119-740A-21	560	18	Pbcor6/38	0.0918	0.0030	0.8800	0.0340	0.0689	0.0026	566	18	639	19	895	78	99	4	659	52.1	1308	483000	1.930	13.50	2.140	12.40	10.10	3.60	29.20	10.00	117.5	39.3	187.0	41.3	410.0	82.1	14330	1.32	45.4	374.0	0.12	6.99	20.96	21.26	S
119-740A-23	930	41	Pbcor6/38	0.1565	0.0073	1.6840	0.0750	0.0771	0.0018	936	41	998	29	1123	47	99	5	1385	32.9	2510	445500	3.500	39.40	4.580	29.30	28.00	10.80	90.70	27.90	277.0	75.8	275.0	48.2	376.0	58.4	12330	0.68	173.0	422.0	0.41	2.11	39.61	44.68	S
119-741A_1	553	15	6/38	0.0896	0.0025	0.7420	0.0950	0.0617	0.0070	553	15	546	55	663	244	101	11	267	12.1	628	442000	0.239	33.00	1.290	12.80	11.40	2.11	35.90	7.89	75.1	21.3	81.9	14.8	114.0	20.3	9390	0.46	336.0	160.0	2.10	2.70	10.97	8.61	
119-741A_2	919	14	Pbcor6/38	0.1545	0.0026	1.5760	0.1100	0.0764	0.0033	926	14	957	44	1105	86	102	5	342	Below LOD	639	432900	1.410	11.90	1.210	7.90	5.90	2.25	23.10	6.77	66.6	20.7	84.3	14.8	137.6	27.5	9950	1.70	123.6	524.0	0.24	4.13	10.37	11.03	
119-741A_5	552	15	Pbcor6/38	0.0906	0.0026	0.8530	0.0860	0.0691	0.0057	559	15	619	48	901	170	101	7	163	6.1	424	489000	0.205	21.00	0.380	2.75	2.62	0.71	12.40	3.69	37.7	13.7	61.5	13.1	123.3	25.6	11010	0.84	256.0	288.0	0.89	6.79	7.29	5.26	
119-741A_6	292	7	Pbcor6/38	0.0469	0.0012	0.4000	0.0390	0.0628	0.0058	295	7	339	29	701	197	101	8	166	11.7	453	486500	Below LOD	34.80	0.203	3.29	5.20	0.73	18.10	4.70	46.6	15.0	65.0	12.6	105.8	21.8	11470	0.85	225.0	230.0	0.98	4.68	8.19	5.35	
119-741A_7	523	15	Pbcor6/38	0.0845	0.0025	0.6620	0.0920	0.0582	0.0075	522	15	492	56	536	282	102	12	169	11.4	382	475000	Below LOD	13.53	0.088	0.88	2.10	Below LOD	9.50	3.23	38.8	12.8	57.4	11.3	97.1	18.7	10640	1.21	46.6	100.5	0.46	4.83	6.32	5.45	
119-741A_9	558	15	Pbcor6/38	0.0906	0.0025	0.7450	0.0940	0.0602	0.0068	559	15	545	57	610	244	101	11	266	7.7	898	466800	Below LOD	17.00	0.314	4.52	9.00	1.12	36.40	9.20	99.6	30.1	130.1	23.0	190.0	34.9	9620	0.44	182.0	127.0	1.43	3.50	14.50	8.58	
119-741A_10	535	10	Pbcor6/38	0.0865	0.0016	0.6840	0.0620	0.0583	0.0043	535	10	523	37	540	161	101	7	346	4.1	1360	485000	0.236	21.50	1.250	14.20	18.70	2.48	70.00	17.10	162.0	47.2	182.0	32.1	250.0	46.1	9190	1.77	327.0	279.0	1.17	2.85	22.04	11.16	
119-741A_11	274	10	Pbcor6/38	0.0441	0.0015	0.3910	0.0520	0.0654	0.0088	280	10	332	40	786	282	102	11	268	7.8	1250	473300	0.125	28.60	0.890	12.60	15.80	3.32	59.40	15.50	152.0	43.8	167.0	28.2	216.0	37.2	9020	0.97	148.0	97.0	1.53	2.45	20.53	8.65	
119-741A_12	979	153	7/6	0.1816	0.0036	1.7600	0.1600	0.0718	0.0054	1075	20	1021	58	979	153	105	6	172	Below LOD	519	483800	0.041	4.91	0.130	1.65	1.86	0.63	11.70	3.47	41.9	16.2	85.1	18.8	178.0	41.6	9980	0.17	57.3	119.7	0.48	9.93	8.36	5.55	
119-741A_13	1049	122	7/6	0.1678	0.0025	1.6900	0.1400	0.0743	0.0045	1000	14	995	52	1049	122	101	5	211	Below LOD	542	445400	Below LOD	8.17	0.116	1.76	2.57	0.79	11.30	3.07	42.9	16.9	91.7	20.9	226.0	52.3	9060	0.50	148.3	225.5	0.66	12.19	9.01	6.81	
119-741A_15	1120	140	7/6	0.1792	0.0049	1.8700	0.1700	0.0770	0.0054	1062	27	1057	61	1120	140	100	6	205	8.6	665	438200	Below LOD	6.64	0.061	1.61	3.93	0.19	17.70	5.83	65.7	23.5	105.1	20.1	170.5	36.5	7840	0.73	55.9	134.1	0.42	5.56	10.56	6.61	
119-741A_16	1268	101	7/6	0.2290	0.0058	2.6000	0.1900	0.0830	0.0043	1328	31	1292	55	1268	101	103	5	430	8.5	834	435400	0.169	13.10	0.370	3.70	4.30	0.78	18.20	5.68	71.6	27.1	128.8	26.4	244.7	50.0	9030	0.51	153.4	216.6	0.71	6.98	13.27	13.87	
119-741A_17	482	9	Pbcor6/38	0.0791	0.0015	0.8000	0.0680	0.0725	0.0047	490	9	594	37	999	132	98	5	1460	11.4	2418	429300	1.590	17.70	3.250	22.70	16.00	5.12	56.20	18.90	228.0	80.8	362.0	71.9	586.0	111.5	10400	1.34	101.4	616.0	0.16	4.89	37.61	47.10	S
119-741A_18	498	11	Pbcor6/38	0.0810	0.0018	0.7160	0.0810	0.0646	0.0064	502	11	533	48	760	208	100	9	253	8.3	601	486600	0.167	12.08	0.060	0.59	1.74	0.12	8.87	3.37	46.9	19.4	104.9	23.0	230.5	48.5	11140	1.25	191.4	140.5	1.36	10.35	9.84	8.16	
119-741A_19	522	8	Pbcor6/38	0.0845	0.0013	0.6930	0.0500	0.0598	0.0027	523	8	531	30	595	98	100	6	390	10.7	1230	463300	1.430	33.90	2.710	20.10	17.60	4.06	53.50	15.10	146.0	43.6	177.0	31.9	263.0	50.4	10300	1.53	704.0	635.0	1.11	3.45	20.74	12.58	
119-741A_20	537	13	Pbcor6/38	0.0868	0.0022	0.6690	0.0730	0.0569	0.0056	536	13	508	45	487	218	101	10	212	11.2	633	465300	Below LOD	23.79	0.132	2.40	4.12	0.90	21.30	6.12	63.8	21.4	92.0	18.5	156.0	30.5	9830	0.80	223.0	153.7	1.45	4.78	10.58	6.84	
119-741A_21	439	14	Pbcor6/38	0.0716	0.0024	0.6930	0.0930	0.0690	0.0089	445	14	518	56	898	266	98	10	191	4.0	501	472000	Below LOD	22.70	0.099	2.21	3.03	1.04	12.10	4.19	44.0	15.6	78.3	16.5	152.7	33.5	9010	0.81	50.0	70.4	0.71	7.61	8.57	6.16	
119-741A_22	1324	54	7/6	0.2377	0.0028	2.8060	0.1700	0.0854	0.0024	1375	14	1355	45	1324	54	100	4	273	8.8	1404	480600	0.104	6.70	0.311	5.19	7.90	1.62	36.60	11.43	136.4	47.2	221.2	42.8	376.0	76.4	8340	1.06	194.9	462.1	0.42	5.60	22.08	8.81	
119-741A_23	555	9	Pbcor6/38	0.0897	0.0015	0.6930	0.0580	0.0562	0.0036	554	9	529	36	459	142	100	7	146	8.1	336	466300	Below LOD	16.18	Below LOD	0.59	1.04	0.17	6.20	2.18	27.7	10.3	52.2	11.3	109.6	22.6	11260	0.97	190.0	332.0	0.57	8.16	5.71	4.71	
119-741A_24	555	11	Pbcor6/38	0.0897	0.0019	0.6960	0.0580	0.0562	0.0033	553	11	530	35	459	130	100	7	187	9.7	589	476300	0.063	19.20	0.240	3.40	4.10	0.69	19.00	5.90	62.0	20.1	88.0	16.8	141.0	26.9	10570	0.88	231.0	254.0	0.91	4.34	9.81	6.03	
119-741A_25	736	13	Pbcor6/38	0.1219	0.0022	1.1870	0.1100	0.0708	0.0053	741	13	790	50	951	153	100	6	813	9.6	2788	440000	0.960	19.40	2.150	20.40	22.20	3.30	95.90	28.40	304.0	100.2	417.0	78.1	636.0	126.8	8590	2.48	343.0	428.7	0.80	4.17	44.37	26.23	
119-741A_26	547	10	Pbcor6/38	0.0885	0.0017	0.7020	0.0570	0.0580	0.0037	546	10	535	35	529	140	101	7	133	8.7	366	467000	0.048	22.75	0.149	2.28	3.71	0.41	11.90	3.43	36.3	11.7	52.8	10.3	94.1	18.4	10340	0.94	330.0	438.0	0.75	5.07	6.44	4.29	
119-741A_28	587	20	Pbcor6/38	0.0953	0.0033	0.7700	0.1100	0.0593	0.0089	586	20	574	61	577	326	101	11	237	17.9	971	508000	1.900	33.30	1.000	13.20	11.40	0.96	41.70	11.57	108.1	32.3	142.0	25.7	207.0	38.9	10850	1.74	225.0	179.0	1.26	3.60	16.32	7.65	
119-741A_29	541	11	6/38	0.0875	0.0019	0.7190	0.0600	0.0589	0.0035	541	11	544	35	562	129	99	7	223	5.8	448	465300	0.093	23.25	0.181	2.20	3.65	0.36	12.60	4.12	45.7	14.2	66.4	13.5	110.7	21.8	9880	1.11	242.7	268.3	0.90	4.78	7.75	7.19	
119-741A_30	1070	118	7/6	0.1936	0.0040	2.0000	0.1500	0.0751	0.0044	1140	22	1104	53	1070	118	103	5	206	10.6	702	460600	0.028	8.47	0.190	3.70	4.90	0.67	20.10	6.22	67.4	22.6	108.1	20.7	175.7	35.1	9320	0.46	127.4	183.0	0.70	5.21	11.10	6.65	
119-741A_31	836	13	Pbcor6/38	0.1398	0.0022	1.5200	0.1400	0.0755	0.0052	843	13	932	55	1081	138	96	6	554	10.8	1105	472000	1.220	12.20	1.950	12.50	8.90	3.67	38.70	12.50	126.0	37.1	151.4	28.6	229.0	42.5	12140	1.12	147.4	354.0	0.42	3.37	17.79	17.87	S
119-741A_32	530	14	Pbcor6/38	0.0864	0.0023	0.8010	0.0790	0.0650	0.0054	534	14	592	45	773	175	97	7	218	11.5	671	472300	Below LOD	11.51	0.216	3.14	5.70	0.84	23.10	6.80	73.2	22.1	95.0	17.3	143.5	27.2	9670	0.91	116.4	188.6	0.62	3.72	10.78	7.03	
119-741A_33	1049	98	7/6	0.1785	0.0028	1.8900	0.1300	0.0743	0.0036	1058	15	1076	50	1049	98	98	5	469	6.4	882	453300	0.470	8.40	0.243	2.00	2.52	0.31	15.50	5.41	74.5	28.8	145.0	28.8	264.0	54.2	9880	0.63	111.0	267.0	0.42	7.28	13.84	15.13	S
119-741A_34	520	13	Pbcor6/38	0.0847	0.0022	0.7600	0.1200	0.0639	0.0098	524	13	561	70	737	324	98	12	179	11.3	309	434900	0.350	11.30	Below LOD	1.15	1.95	0.23	8.10	2.90	28.8	9.8	45.7	9.3	81.3	16.0	8820	0.88	100.4	185.3	0.54	5.56	5.14	5.77	
119-741A_35	962	175	7/6	0.1661	0.0036	1.6800	0.1700	0.0712	0.0061	990	20	991	66	962	175	100	7	255	Below LOD	1272	457900	Below LOD	4.39	0.212	2.79	5.12	0.84	35.20	10.43	125.6	43.7	199.9	35.4	305.0	58.9	9100	0.63	57.9	120.5	0.48	4.69	19.67	8.23	

119-741A_36	539	30	Pbcor6/38	0.0864	0.0051	0.6200	0.1800	0.0500	0.0150	533	30	420	110	194	698	98	34	289	40.2	537	466200	0.084	12.34	0.580	8.00	9.20	1.77	29.10	6.97	65.1	18.6	71.8	12.5	98.3	18.4	9190	0.46	60.9	27.4	2.22	2.83	8.89	9.32	
119-741A_38	565	15	6/38	0.0916	0.0026	0.7590	0.0870	0.0567	0.0057	565	15	557	51	479	222	101	10	284	10.0	1085	468200	Below LOD	16.93	0.426	7.59	13.30	1.80	52.00	12.76	126.9	38.4	148.0	26.1	205.0	37.6	9960	0.57	170.9	121.8	1.40	2.96	17.48	9.16	
119-741A_39	566	10	6/38	0.0918	0.0016	0.7640	0.0680	0.0578	0.0041	566	10	568	39	521	156	100	7	172	8.9	421	469200	Below LOD	15.72	0.151	1.44	3.22	0.42	13.30	3.76	42.3	13.8	61.4	11.8	104.4	20.5	10310	0.91	188.0	263.0	0.71	4.85	7.02	5.55	
119-741A_40	285	11	Pbcor6/38	0.0457	0.0018	0.3890	0.0670	0.0594	0.0099	288	11	317	49	581	362	96	14	254	26.0	792	480800	0.111	16.32	0.680	9.40	12.70	2.50	41.80	10.16	95.9	27.7	105.6	18.0	139.9	25.4	9640	0.57	121.1	56.2	2.15	2.65	13.00	8.19	
119-741A_41	754	15	6/38	0.1241	0.0026	1.1350	0.0920	0.0643	0.0041	754	15	770	41	751	135	98	6	626	5.2	1174	445400	Below LOD	3.25	0.103	1.46	3.70	0.14	24.50	8.55	106.0	40.0	187.5	37.4	327.0	65.7	9840	0.54	74.1	191.1	0.39	6.20	18.12	20.19	S
119-741A_42	804	18	Pbcor6/38	0.1338	0.0031	1.3700	0.1000	0.0724	0.0036	810	18	874	44	996	101	98	5	348	11.7	891	468000	0.860	18.30	1.050	7.30	5.50	1.31	22.50	7.32	86.1	29.7	137.0	27.6	240.0	46.8	10200	2.42	142.7	456.0	0.31	5.44	14.46	11.23	
119-741A_44	545	8	6/38	0.0882	0.0014	0.7250	0.0570	0.0578	0.0033	545	8	553	35	521	125	98	6	152	12.2	379	469000	Below LOD	22.60	0.099	1.51	2.33	0.31	10.21	3.19	36.2	12.5	56.2	11.2	101.3	20.2	10810	1.30	272.9	329.0	0.83	5.59	6.59	4.90	
119-741A_45	257	4	Pbcor6/38	0.0411	0.0006	0.3480	0.0250	0.0582	0.0031	259	4	303	19	536	117	95	6	1290	25.1	2430	453000	6.640	49.00	11.390	73.40	51.70	18.60	113.00	33.90	312.0	79.0	298.0	53.2	444.0	83.5	14930	5.38	88.0	1276.0	0.07	2.68	41.07	41.61	S
119-741A_46	535	13	Pbcor6/38	0.0869	0.0023	0.7490	0.0780	0.0609	0.0055	537	13	558	47	635	194	98	8	271	19.1	549	483000	1.070	20.10	0.580	6.00	5.50	1.16	19.50	5.32	57.6	18.9	82.7	15.5	131.2	26.2	10550	0.63	142.6	215.5	0.66	4.55	9.30	8.74	
119-741A_48	562	22	Pbcor6/38	0.0915	0.0037	0.8400	0.1300	0.0632	0.0092	564	22	590	75	714	310	96	13	201	42.7	306	499700	Below LOD	15.31	0.360	3.79	4.90	0.93	16.70	4.05	36.0	10.7	41.4	7.1	54.8	10.4	10240	0.53	131.1	68.3	1.92	2.89	5.27	6.48	
119-741A_49	513	6	Pbcor6/38	0.0841	0.0010	0.8590	0.0560	0.0702	0.0029	520	6	627	31	933	85	95	4	246	4.9	694	450300	0.067	13.10	0.191	1.73	2.93	0.52	15.00	5.13	64.2	23.0	110.7	22.0	203.1	39.6	9310	2.00	135.4	503.8	0.27	6.17	11.19	7.94	
119-741A_50	571	7	Pbcor6/38	0.0928	0.0012	0.8020	0.0590	0.0607	0.0032	572	7	594	33	628	114	97	5	300	8.5	1140	481000	0.308	38.10	0.690	7.40	12.10	2.68	48.90	11.75	117.1	35.6	146.6	26.1	214.9	42.8	9510	0.55	556.0	562.0	0.99	3.65	18.74	9.68	
119-741A_51	570	6	Pbcor6/38	0.0934	0.0010	0.8960	0.0740	0.0670	0.0043	576	6	645	41	837	134	97	6	496	25.6	1170	480000	0.680	6.72	0.430	3.68	4.50	0.52	31.50	11.13	132.3	38.2	140.3	22.1	166.0	30.7	13190	0.77	152.0	566.0	0.27	2.32	18.08	16.00	S
119-741A_52	303	5	Pbcor6/38	0.0486	0.0008	0.4160	0.0300	0.0595	0.0034	306	5	352	22	585	124	96	6	232	13.1	516	476000	0.390	33.60	0.800	5.40	5.20	0.98	19.90	5.44	53.9	16.2	69.7	13.2	111.5	22.2	10830	1.20	625.0	603.0	1.04	4.12	9.14	7.48	
119-741A_53	552	7	6/38	0.0894	0.0012	0.7290	0.0610	0.0577	0.0038	552	7	550	36	517	145	100	7	117	5.9	176	466000	Below LOD	28.60	0.095	1.18	1.53	0.50	5.47	1.48	16.2	5.4	22.9	4.6	40.7	8.9	10090	0.32	205.0	405.0	0.51	5.51	3.63	3.77	
119-741A_54	399	12	Pbcor6/38	0.0650	0.0019	0.6620	0.0600	0.0692	0.0047	406	12	514	37	904	140	93	6	1070	Below LOD	1670	427000	0.680	13.20	0.830	7.10	7.20	1.71	41.50	14.10	159.0	56.9	249.0	51.9	431.0	80.8	10930	2.31	280.0	714.0	0.39	5.08	26.08	34.52	
119-741A_55	515	19	Pbcor6/38	0.0834	0.0032	0.7020	0.0850	0.0596	0.0062	516	19	543	55	588	226	98	10	209	25.5	420	483600	1.000	29.90	0.660	5.04	4.69	0.58	14.70	4.17	43.8	13.7	59.0	11.3	92.2	17.8	10130	1.21	148.0	118.0	1.25	4.06	7.53	6.74	
119-741A_57	802	12	Pbcor6/38	0.1328	0.0022	1.2630	0.0910	0.0679	0.0035	804	12	833	37	865	107	99	5	452	8.4	1142	421400	0.530	10.80	1.060	6.90	7.20	2.19	29.50	10.60	116.9	39.2	178.6	33.2	282.0	54.0	10080	2.21	135.2	442.0	0.31	4.62	18.13	14.58	
119-741A_59	529	19	Pbcor6/38	0.0858	0.0031	0.7200	0.1100	0.0600	0.0086	530	19	517	67	603	310	99	14	258	31.1	634	487000	0.101	16.90	0.620	8.10	9.00	1.73	30.60	7.99	75.7	22.1	87.9	15.3	122.5	22.7	9380	0.60	96.0	66.4	1.45	3.00	10.56	8.32	
119-741A_60	550	10	Pbcor6/38	0.0887	0.0016	0.7030	0.0620	0.0559	0.0036	548	10	534	36	447	143	98	7	359	20.4	1130	465500	0.285	43.50	1.940	20.50	20.60	0.84	63.50	15.00	140.4	40.0	155.6	26.1	202.9	37.9	9470	1.11	932.0	438.0	2.13	2.70	19.30	11.58	
119-741A_61	1070	153	7/6	0.2019	0.0065	2.1400	0.2000	0.0751	0.0057	1184	35	1148	65	1070	153	103	7	333	13.2	1510	447100	0.180	7.28	0.440	7.40	12.10	4.49	50.70	14.00	160.0	53.3	226.0	42.4	352.0	69.3	6340	0.40	97.7	109.8	0.89	4.33	23.87	10.74	
119-741A_62	594	11	Pbcor6/38	0.0960	0.0018	0.7570	0.0980	0.0551	0.0066	591	11	559	58	415	268	98	11	211	15.0	605	492000	0.115	17.20	0.780	7.60	9.00	1.29	26.90	7.00	71.3	21.5	88.0	16.2	133.5	26.1	10560	1.05	180.0	218.0	0.83	3.66	10.20	6.81	
119-741A_63	324	9	Pbcor6/38	0.0519	0.0014	0.4520	0.0630	0.0597	0.0080	326	9	370	44	592	290	95	11	547	17.5	638	436900	0.360	57.60	1.140	11.70	14.40	3.70	36.70	8.47	76.6	22.2	85.4	14.9	121.2	21.6	7350	0.48	289.0	158.2	1.83	2.82	12.04	17.65	
119-741A_64	902	21	Pbcor6/38	0.1505	0.0037	1.5030	0.1200	0.0707	0.0044	903	21	926	51	948	127	98	6	638	34.0	700	436100	0.700	17.20	1.380	9.00	6.80	2.15	20.00	5.90	69.0	22.9	99.0	19.1	184.0	37.8	10140	1.12	103.0	302.0	0.34	5.48	11.56	20.58	
119-741A_65	506	15	Pbcor6/38	0.0830	0.0025	0.8320	0.0800	0.0706	0.0058	514	15	603	45	945	168	97	7	357	8.9	1033	478200	0.450	15.68	1.180	7.90	8.10	1.83	30.70	9.65	109.1	35.3	152.0	27.6	230.9	42.7	11550	1.87	202.6	180.0	1.13	3.91	16.53	11.52	
119-741A_66	548	9	6/38	0.0888	0.0015	0.7100	0.0580	0.0563	0.0037	548	9	539	35	463	146	102	7	163	9.2	377	468000	0.251	13.82	0.159	1.23	1.79	0.20	9.40	3.25	35.6	12.4	56.7	11.8	102.7	21.1	10120	1.06	134.1	257.6	0.52	5.93	6.32	5.26	
119-741A_67	528	14	Pbcor6/38	0.0849	0.0024	0.6490	0.1000	0.0529	0.0081	525	14	480	61	323	348	97	14	184	5.2	641	468600	0.094	11.30	0.245	3.80	4.80	1.03	19.70	6.10	65.0	21.1	94.0	18.1	160.0	31.4	10660	0.77	72.2	81.5	0.89	4.83	10.35	5.94	
119-741A_68	542	10	Pbcor6/38	0.0889	0.0017	0.9010	0.0920	0.0690	0.0060	549	10	648	48	898	179	94	6	345	8.1	1252	424900	Below LOD	5.82	0.190	2.40	5.40	0.44	28.60	9.75	109.9	41.5	198.6	37.4	325.0	63.8	8790	0.43	154.6	296.0	0.52	5.81	19.16	11.13	
119-741A_69	1027	102	7/6	0.1759	0.0027	1.8460	0.1400	0.0735	0.0037	1045	15	1053	48	1027	102	99	5	251	3.7	1230	473800	Below LOD	11.12	0.183	3.97	8.20	0.58	37.70	11.42	126.4	43.5	187.0	34.9	290.0	54.6	9840	1.37	162.6	206.3	0.79	4.32	19.32	8.10	
119-741A_70	297	10	Pbcor6/38	0.0474	0.0016	0.3760	0.0620	0.0557	0.0090	299	10	319	47	439	360	97	14	189	5.9	735	515600	Below LOD	7.70	0.170	0.99	2.26	0.35	8.00	3.52	51.0	20.8	115.0	28.0	275.0	60.9	11320	4.32	105.0	193.8	0.54	11.94	11.62	6.10	
119-741A_71	263	7	Pbcor6/38	0.0420	0.0011	0.3600	0.0450	0.0588	0.0066	265	7	307	34	559	244	94	10	232	9.0	719	501200	0.036	33.50	0.160	1.55	4.46	0.45	17.80	5.90	68.5	23.3	110.2	22.9	202.8	40.9	11450	2.21	132.9	144.7	0.92	5.97	12.32	7.48	
119-741A_72	560	12	6/38	0.0908	0.0019	0.7540	0.0640	0.0584	0.0036	560	12	563	37	544	135	99	7	213	8.4	574	463000	0.067	66.70	0.307	4.30	6.90	1.56	22.00	5.66	58.1	18.8	83.1	15.9	134.2	27.2	9270	1.02	452.0	302.0	1.50	4.68	11.17	6.87	
119-741A_73	546	22	Pbcor6/38	0.0878	0.0036	0.6500	0.1200	0.0530	0.0100	542	22	479	80	328	428	99	19	260	17.5	855	458000	0.160	11.70	0.390	4.60	6.80	1.27	27.10	8.84	89.2	29.8	125.6	23.0	193.0	36.7	9000	0.71	66.0	51.6	1.28	4.11	13.63	8.39	
119-741A_74	504	12	Pbcor6/38	0.0819	0.0020	0.7460	0.0640	0.0638	0.0042	507	12	559	37	734	139	97	6	260	18.1	1011	489500	0.313	18.35	0.790	10.20	13.00	1.26	45.80	11.85	124.0	35.6	151.6	26.8	215.1	38.4	10720	1.90	200.2	238.5	0.84	3.19	16.56	8.39	
119-741A_76	554	15	Pbcor6/38	0.0893	0.0025	0.6920	0.0710	0.0552	0.0050	551	15	523	42	419	202	99	9	209	6.9	732	470600	0.063	18.20	0.550	7.70	9.30	0.69	31.40	8.00	84.0	24.4	104.0	18.7	156.0	29.4	10870	1.11	203.0	170.2	1.19	3.50	12.09	6.74	
119-741A_77	549	8	6/38	0.0890	0.0014	0.7170	0.0630	0.0571	0.0043	549	8	541	38	494	166	102	7	455	10.0	842	465600	Below LOD	3.58	0.092	1.27	2.15	0.08	16.30	6.11	73.0	26.7	126.5	24.0	210.0	40.5	11130	1.02	153.7	340.1	0.45	5.55	12.76	14.68	
119-741A_78	518	23	6/38	0.0837	0.0039	0.6100	0.1000	0.0590	0.0100	518	23	475	69	566	370	109	17	164	10.5	449	489100	Below LOD	8.38	0.041	1.27	2.06	0.44	10.60	3.40	42.2	14.6	70.2	14.6	128.7	26.2	10360	1.15	33.2	47.0	0.71	6.21	7.24	5.29	
119-741A_79	260	7	Pbcor6/38	0.0419	0.0011	0.3950	0.0570	0.0647	0.0098	265	7	335	41	764	320	94	10	1210	42.0	2510	427000	4.700	42.80	5.500	38.00	37.20	8.40	103.00	29.10	305.0	87.7	325.0	55.8	446.0	74.4	9270	1.65	633.0	496.0	1.28	2.44	40.93	39.03	S
119-741A_81	491	10	Pbcor6/38	0.0792	0.0016	0.6540	0.0580	0.0582	0.0041	491	10	504	36	536	154	98	7	226	Below LOD	447	485500	0.450	23.40	0.630	4.13	3.93	1.08	12.70	4.23	45.0	13.6	61.0	13.0	117.3	24.0	11510	1.02	215.1	356.2	0.60	5.33	7.81	7.29	
119-741A_82	668	21	6/38	0.1092	0.0036	0.9600	0.1300	0.0628	0.0079	668	21	666	68	701	268	100	11	198	24.4	458	461000	0.970	18.70	0.560	5.30	4.72	1.48	18.90	4.96	51.5	15.7	62.6	10.9	89.6	16.4	9230	0.36	99.9	88.4	1.13	3.18	7.79	6.39	
119-741A_83	542	30	6/38	0.0878	0.0050	0.9000	0.1400	0.0760	0.0130	542	30	618	83	1094	342	88	13	215	32.3	433	471900	0.055	11.90	0.171	2.92	3.92	0.87	16.50	4.62	46.7	14.5	62.3	11.6	94.2	17.6	9320	0.43	48.5	30.9	1.57	3.77	7.13	6.94	
119-741A_84	548	6	6/38	0.0887	0.0010	0.7200	0.0480	0.0570	0.0022	548	6	548	29	491	85	100	5	129	3.1	272	458800	0.092	6.75	0.185	1.05	0.88	0.39	5.10	1.60	22.0	7.8	44.6	10.0	108.8	24.7	14150	1.62	147.6	1150.0	0.13	11.24	4.61	4.16	
119-741A_85	858	30	7/6	0.1596	0.0055	1.5200	0.1800	0.0677	0.0076	954	30	914	77	858	234	104	9	579	16.2	1880	440200	0.087	9.50	0.129	2.55	5.30	1.18	37.10	13.30	171.0	64.5	297.0	58.1	501.0	102.0	8450	0.50	82.0	113.0	0.73	5.96	29.20	18.68	
119-741A_86	552	13	Pbcor6/38	0.0910	0.0022	0.9720	0.0800	0.0726	0.0042	561	13	685	41	1002	117	94	5	566	6.2	1452	428800	Below LOD	5.18	Below LOD	3.10	6.30	0.56	38.60	10.73	144.6	50.3	234.0	42.5	363.0	72.0	9250	1.00	122.0	227.0	0.54	4.98	22.61	18.26	
119-741A_87	567	9	6/38	0.0920	0.0015	0.7520	0.0660	0.0584	0.0043	567	9	567	40	544	161	100	7	141	5.7	440	467000	0.124	13.63	0.309	3.27	3.60	0.37	14.20	3.76	44.7	14.8	66.9	13.0	113.3	23.0	10850	1.00	194.8	297.0	0.66	5.14	7.34	4.55	
119-741A_88	945	34	7/6	0.1773	0.0062	1.7700	0.1800	0.0706	0.0066	1052	34	1037	73	945	191	101	8	262	11.4	1369	456100	0.200	6.55	0.720	8.90	11.40	2.27	47.00	13.41	144.5	47.1	201.9	36.3	309.0	60.4	8070	0.40	98.1	127.0	0.77	4.18	21.51	8.45	
119-741A_89	682	9	Pbcor6/38	0.1134	0.0015	1.2390	0.1000	0.0758	0.0047	693	9	818	43	1089	124	96	5	204	6.2	1261	475000	Below LOD	6.97	0.114	2.38	4.80	0.70	28.30	9.38	111.0	41.8	196.0	38.8	330.0	66.6	9720	0.45	137.0	262.0	0.52	6.00	19.41	6.58	
119-741A_91	1062	202	7/6	0.1610	0.0040	1.6900	0.1900	0.0748	0.0075	962	22	986	71	1062	202	98	7	205	11.5	648	452700	0.154	19.60	0.073	1.20	2.97	0.37	18.10	4.92	61.7	23.1	105.1	20.5	188.0	41.0	9730	0.66	98.1	168.1	0.58	6.65	10.86	6.61	
119-741A_92	269	7	Pbcor6/38	0.0434	0.0011	0.4230	0.0370	0.0669	0.0050	274	7	357	27	834	156	94	6	861	10.5	1750	457200	4.120	37.60	7.800	55.40	39.70	12.40	85.00	25.10	240.0	60.1	219.0	34.7	270.0	41.7	12030	0.99	99.0	864.0	0.11	1.74	29.55	27.77	S
119-741A_94	538	13	Pbcor6/38	0.0872	0.0022	0.7210	0.0930	0.0590	0.0072	538	13	530	56	566	266	99	11	134	14.1	218	466300	Below LOD	16.08	Below LOD	0.85	1.53	0.23	6.48	1.85	21.8	7.3	32.3	6.8	60.9	12.1	10670	0.64	103.9	106.9	0.97	5.56	3.92	4.32	
119-741A_95	562	15	6/38	0.0911	0.0025	0.7710	0.0830	0.0588	0.0052	562	15	569	47	559	193	99	9	650	7.8	1151	463000	2.700	28.70	2.700	16.10	13.10	1.16	48.00	12.00	127.5	40.0	163.7	29.7	242.0	44.8	9370	0.93	206.0	207.0	1.00	3.51	18.94	20.97	S
119-741A_96rim	285	10	Pbcor6/38	0.0456	0.0017	0.3940	0.0530	0.0595	0.0066	288	10	344	44	584	240	95	11	320	7.5	667	520000	Below LOD	2.24	Below LOD	Below LOD	0.72	Below LOD	6.40	3.15	49.1	21.7	119.0	28.6	301.0	67.7	12680	2.00	14.3	260.0	0.06	13.79	10.76	10.32	
119-741A_96core	537	13	Pbcor6/38	0.0882	0.0022	0.9100	0.1200	0.0701	0.0077	545	13	649	64	930	226	94	9	256	Below LOD	597	437500	Below LOD	3.35	Below LOD	0.51	2.50	0.13	11.00	3.66	55.0	20.1	102.3	20.1	178.6	39.0	9560	0.78	50.5	176.2	0.29	7.09	9.44	8.26	
119-741A_97	568	11	Pbcor6/38	0.0914	0.0018	0.6890	0.0680	0.0528	0.0045	564	11	525	42	319	194	98	9	269	19.3	524	483900	3.900	20.20	0.730	5.10	4.02	0.62	16.80	4.70	52.0	17.0	78.3	15.0	134.1	26.8	10550	1.13	153.8	253.0	0.61	5.15	8.95	8.68	
119-741A_98	272	4	Pbcor6/38	0.0435	0.0006	0.3690	0.0310	0.0578	0.0036	275	4	317	22	521	137	94	6	358	7.1	1143	497400	0.880	26.40	0.920	9.60	9.90	1.42	36.50	10.87	119.3	39.0	162.1	30.0	258.0	49.4	10760	1.72	332.0	407.0	0.82	4.14	18.60	11.55	
119-741A_100	561	23	Pbcor6/38	0.0911	0.0039	0.7600	0.1200	0.0610	0.0098	562	23	547	69	638	346	101	14	166	19.7	347	474400	Below LOD	14.24	0.106	2.22	3.28	0.50	12.50	3.46	37.0	11.6	50.6	9.4	77.1	14.6	9800	0.72	61.1	61.6	0.99	3.96	5.83	5.35	
119-741A_101	971	226	7/6	0.1603	0.0062	1.5900	0.1900	0.0715	0.0079	958	34	947	72	971	226	101	8	167	6.1	501	467200	0.300	11.80	0.350	2.27	3.90	0.38	16.00	4.65	53.1	17.1	81.8	14.5	131.0	28.6	6500	1.55	37.1	89.0	0.42	5.39	8.36	5.39	
119-741A_102	533	20	Pbcor6/38	0.0853	0.0034	0.5900	0.1100	0.0499	0.0087	527	20	449	69	189	406	100	19	232	8.5	920	453700	0.062	11.44	0.600	10.30	14.80	1.12	47.40	11.90	109.8	33.1	130.3	21.8	174.8	31.6	9320	0.73	158.0	96.5	1.64	2.88	14.80	7.48	
119-741A_103	556	14	6/38	0.0902	0.0023	0.7300	0.0720	0.0570	0.0045	556	14	552	42	491	174	101	8	472	26.5	1109	504600	1.570	18.00	2.590	18.40	13.90	6.43	37.00	11.50	123.0	36.5	141.0	23.6	195.0	34.9	15350	1.07	164.0	546.0	0.30	2.84	17.83	15.23	S
119-741A_104	542	12	Pbcor6/38	0.0873	0.0021	0.6690	0.0690	0.0552	0.0050	540	12	509	42	419	202	100	9	239	5.3	684	479500	0.077	18.09	0.212	3.35	5.60	0.75	25.40	6.52	70.7	22.9	100.2	18.7	157.1	30.0	9930	0.87	181.0	185.0	0.98	4.24	11.18	7.71	
119-741A_105	1041	87	7/6	0.1739	0.0027	1.7840	0.1200	0.0740	0.0032	1033	15	1035	43	1041	87	100	4	438	16.6	1361	441300	1.320	23.60	2.890	19.20	15.60	2.53	36.80	11.16	123.1	42.6	205.3	40.8	367.0	76.3	10170	2.23	170.1	402.0	0.42	6.20	21.84	14.13	
119-741A_107	667	11	Pbcor6/38	0.1092	0.0019	0.9680	0.0790	0.0638	0.0040	668	11	680	41	734	133	99	6	155	13.3	364	474600	0.142	24.30	0.159	1.40	1.51	0.39	10.50	3.06	34.3	11.5	51.7	10.3	90.8	19.6	10600	0.80	191.0	266.3	0.72	5.71	6.45	5.00	
119-741A_108	520	20	6/38	0.0841	0.0034	0.7140	0.0990	0.0629	0.0083	520	20	522	58	704	280	100	12	170	9.6	333	516500	0.037	7.87	0.076	0.71	2.57	0.58	15.10	3.76	37.8	10.9	44.8	7.6	64.8	12.8	12500	0.92	28.2	104.0	0.27	3.39	5.47	5.48	
119-741A_109	294	4	Pbcor6/38	0.0474	0.0006	0.4270	0.0340	0.0639	0.0039	298	4	359	24	737	129	97	6	304	11.2	509	481600	0.590	23.40	0.940	7.40	6.40	1.98	17.50	5.40	53.6	15.8	70.4	12.7	117.0	22.4	10800	0.48	322.0	484.0	0.67	4.18	8.75	9.81	
119-741A_110	567	13	Pbcor6/38	0.0923	0.0021	0.8030	0.0720	0.0627	0.0044	569	13	590	42	697	150	99	7	170	14.6	480	457800	Below LOD	12.98	0.218	2.32	3.09	0.50	13.90	4.29	48.3	16.0	69.7	13.9	116.1	22.6	9240	0.89	132.1	218.6	0.60	4.67	7.82	5.48	
119-741A_111	516	8	Pbcor6/38	0.0831	0.0013	0.6200	0.0500	0.0556	0.0029	515	8	494	28	435	116	102	6	676	21.6	1954	432500	0.720	19.50	1.950	19.70	25.10	2.24	76.40	20.40	205.8	65.3	289.4	53.6	447.0	87.2	9520	1.70	716.0	656.0	1.09	4.24	31.04	21.81	
119-741A_112	512	12	6/38	0.0826	0.0020	0.6700	0.0710	0.0599	0.0059	512	12	509	43	599	214	101	9	166	22.4	546	473100	0.099	20.14	0.730	9.60	11.20	1.17	33.80	7.24	67.7	19.5	72.2	12.4	98.8	17.7	10370	0.50	327.0	160.0	2.04	2.61	9.30	5.35	
119-741A_113	580	8	Pbcor6/38	0.0941	0.0013	0.7600	0.0650	0.0592	0.0040	580	8	567	38	574	147	101	7	158	9.0	490	473200	0.076	19.24	0.165	2.07	3.01	0.43	13.60	3.87	46.2	15.4	73.4	14.8	138.3	28.1	10580	0.76	205.0	307.0	0.67	6.09	8.27	5.10	
119-741A_114	557	16	Pbcor6/38	0.0899	0.0025	0.6750	0.0870	0.0550	0.0063	558	16	513	54	411	256	101	12	142	8.4	304	475900	Below LOD	14.60	Below LOD	0.99	2.01	0.25	6.90	2.19	28.0	9.6	46.1	10.1	85.9	18.4	10780	1.08	32.6	104.0	0.31	6.57	5.19	4.58	
119-741A_115	494	13	Pbcor6/38	0.0801	0.0023	0.6710	0.0710	0.0622	0.0062	496	13	515	44	680	212	102	9	464	24.9	1425	482300	1.560	44.90	2.680	28.30	28.90	5.01	74.40	18.78	180.4	50.0	181.9	31.9	234.0	41.0	10330	0.55	367.0	213.9	1.72	2.27	24.08	14.97	
119-741A_116	548	10	Pbcor6/38	0.0886	0.0017	0.6700	0.0560	0.0572	0.0035	547	10	526	34	498	135	103	7	170	12.4	696	465000	Below LOD	16.40	0.207	3.32	4.92	0.50	22.60	6.56	72.0	23.0	103.4	19.2	168.0	32.8	10090	0.98	268.0	325.0	0.82	4.56	11.33	5.48	
119-741A_117	520	14	Pbcor6/38	0.0849	0.0024	0.7750	0.0690	0.0668	0.0046	525	14	578	39	831	144	101	7	408	9.5	850	496200	1.180	25.60	1.900	14.00	11.90	3.60	35.10	9.80	100.0	29.0	113.0	21.8	182.0	34.0	11780	1.55	213.3	353.0	0.60	3.40	14.39	13.16	
119-741A_118	535	19	Pbcor6/38	0.0862	0.0033	0.6400	0.1100	0.0542	0.0090	533	19	484	67	378	374	101	16	184	8.1	834	513400	0.160	19.50	0.210	2.99	5.40	0.82	29.50	8.26	86.3	28.7	123.8	22.4	190.5	36.1	10810	0.96	118.2	97.5	1.21	4.18	13.54	5.94	
119-741A_119	549	16	Pbcor6/38	0.0889	0.0027	0.6930	0.0790	0.0591	0.0067	549	16	519	49	570	246	103	10	247	21.7	802	474800	0.292	25.40	1.190	14.70	14.20	2.79	45.00	10.28	95.6	27.8	106.7	19.2	148.9	27.2	9080	0.76	275.8	123.9	2.23	2.85	13.47	7.97	
119-741A_120	302	8	Pbcor6/38	0.0482	0.0013	0.3760	0.0400	0.0574	0.0057	304	8	321	29	506	218	101	9	134	14.2	372	495000	0.120	18.50	0.229	3.34	3.64	0.62	15.70	3.93	39.5	12.3	52.1	10.2	85.1	17.1	10890	0.65	195.0	299.0	0.65	4.33	6.43	4.32	
119-741A_121	882	11	Pbcor6/38	0.1467	0.0020	1.3370	0.0940	0.0692	0.0032	883	11	856	41	904	95	103	5	1379	9.2	2606	456300	0.330	2.44	0.231	2.40	4.19	0.30	31.30	14.09	203.3	85.1	434.0	88.6	784.0	151.5	11680	0.60	71.6	320.0	0.22	7.45	39.38	44.48	S
119-741A_123	648	9	6/38	0.1058	0.0016	0.9130	0.0590	0.0656	0.0025	648	9	656	32	793	80	99	5	748	7.2	1881	472300	2.160	22.00	0.950	8.00	9.00	1.28	44.10	14.09	178.1	63.8	306.3	61.5	551.0	114.9	10830	4.42	366.7	752.0	0.49	6.45	30.26	24.13	
119-741A_124	510	10	6/38	0.0823	0.0017	0.6430	0.0540	0.0598	0.0040	510	10	498	33	595	145	102	7	95	8.6	238	486700	Below LOD	26.80	0.080	0.74	1.34	0.34	5.54	1.99	20.7	7.1	35.4	8.0	76.7	16.8	11200	0.80	180.8	416.0	0.43	8.10	4.61	3.06	
119-741A_126	713	11	6/38	0.1169	0.0020	0.9850	0.0790	0.0651	0.0042	713	11	693	40	777	136	103	6	966	29.0	1851	442300	0.278	3.53	0.570	4.30	3.40	1.68	29.90	11.82	160.3	60.7	286.0	57.2	496.0	96.0	10850	0.99	60.3	390.0	0.15	5.99	28.22	31.16	S
119-741A_127	547	12	Pbcor6/38	0.0885	0.0021	0.6750	0.0610	0.0578	0.0040	546	12	517	37	521	152	103	8	174	10.7	347	467300	Below LOD	12.31	Below LOD	0.99	1.83	0.20	9.40	2.70	33.7	11.0	53.5	10.7	96.7	19.4	10170	0.93	114.0	246.8	0.46	5.76	5.79	5.61	
119-741A_128	521	16	6/38	0.0843	0.0026	0.6640	0.0730	0.0594	0.0052	521	16	507	44	581	190	103	9	291	11.4	645	474400	0.900	26.03	0.490	3.53	3.03	0.60	10.90	4.01	49.7	19.1	103.0	23.5	245.5	54.8	11000	1.46	187.8	160.0	1.17	11.03	11.10	9.39	
119-741A_129	560	15	Pbcor6/38	0.0908	0.0026	0.6800	0.0740	0.0586	0.0058	560	15	521	48	551	216	106	10	157	16.0	741	460400	0.320	34.10	0.720	10.40	15.00	2.08	41.90	9.61	89.8	25.4	102.3	17.4	132.0	24.4	10100	0.34	388.0	170.0	2.28	2.72	12.82	5.06	
119-741A_130	297	12	Pbcor6/38	0.0479	0.0019	0.4110	0.0500	0.0646	0.0076	302	12	344	37	760	248	104	10	1070	11.6	1126	443100	1.050	30.00	2.480	20.90	18.80	4.33	55.60	14.42	140.0	39.6	148.8	26.6	210.0	36.7	9070	0.73	249.5	179.9	1.39	2.62	18.89	34.52	
119-741A_131	489	10	6/38	0.0788	0.0017	0.6050	0.0460	0.0595	0.0031	489	10	477	29	585	113	103	7	171	6.6	344	492400	Below LOD	18.74	0.126	1.19	1.78	0.38	7.50	2.53	29.5	10.2	52.3	11.1	111.4	23.5	11390	1.42	212.3	407.0	0.52	7.97	5.96	5.52	
119-741A_132	550	12	Pbcor6/38	0.0887	0.0021	0.6250	0.0640	0.0552	0.0052	547	12	483	40	419	210	106	10	190	8.8	422	464000	Below LOD	11.24	0.153	2.19	2.99	0.21	13.00	4.03	43.2	14.5	62.6	12.0	104.8	20.0	10840	1.08	101.7	199.4	0.51	4.62	6.89	6.13	
119-741A_133	273	4	Pbcor6/38	0.0438	0.0006	0.3480	0.0230	0.0602	0.0025	276	4	303	17	610	90	104	5	227	14.5	916	488600	0.385	20.06	0.790	8.80	9.90	1.72	33.50	9.43	98.1	30.3	128.9	24.5	212.1	41.1	11690	1.18	357.0	615.0	0.58	4.19	14.99	7.32	
119-741A_135	568	9	Pbcor6/38	0.0918	0.0015	0.6860	0.0630	0.0568	0.0040	566	9	528	37	483	156	104	8	245	8.1	1050	512100	1.930	60.70	1.130	9.00	10.70	2.96	40.70	10.40	102.0	31.8	135.0	23.9	211.0	39.1	12400	1.14	780.0	633.0	1.23	3.83	18.02	7.90	
119-741A_136	869	14	6/38	0.1443	0.0024	1.3400	0.1100	0.0728	0.0047	869	14	856	46	1008	131	102	6	241	5.1	611	446600	0.042	4.20	0.167	2.19	3.97	0.31	16.10	5.08	59.8	21.4	94.9	17.7	159.6	32.4	8830	0.63	106.0	230.7	0.46	5.42	9.63	7.77	
119-741A_138	520	18	6/38	0.0840	0.0030	0.6670	0.0750	0.0636	0.0072	520	18	505	47	727	240	103	10	273	12.7	796	487700	0.134	20.27	0.329	7.03	8.60	1.57	29.20	8.30	84.7	26.8	110.6	20.3	172.6	34.1	9960	0.98	170.0	109.4	1.55	4.02	13.06	8.81	
119-741A_139	521	11	6/38	0.0842	0.0018	0.7000	0.0630	0.0643	0.0045	521	11	530	37	751	148	98	7	224	14.0	587	474300	0.960	26.40	0.840	6.80	7.90	1.13	22.20	6.60	62.9	20.5	85.1	16.4	138.0	27.1	10480	1.35	330.0	275.0	1.20	4.31	10.11	7.23	
119-741A_140	499	8	6/38	0.0805	0.0013	0.6350	0.0450	0.0612	0.0026	499	8	497	28	645	91	100	6	631	11.9	1460	474600	1.780	24.59	3.390	20.20	16.40	4.44	43.00	13.97	149.1	47.5	211.3	43.5	417.0	82.3	13300	2.82	201.0	604.0	0.33	5.52	23.98	20.35	S
119-741A_141	249	7	Pbcor6/38	0.0401	0.0010	0.3380	0.0370	0.0644	0.0062	253	7	294	28	754	204	106	9	423	10.0	1160	510000	1.180	34.90	2.850	22.50	21.90	4.50	53.00	14.30	150.0	42.2	167.0	28.6	220.0	39.1	10910	1.15	370.0	464.0	0.80	2.61	19.80	13.65	
119-741A_142	534	17	6/38	0.0864	0.0029	0.7030	0.1000	0.0634	0.0087	534	17	514	63	721	292	104	13	277	8.8	830	470200	Below LOD	16.68	0.450	6.30	9.00	1.66	34.30	9.28	91.4	28.4	116.5	21.0	171.1	32.5	9080	0.49	116.0	77.7	1.49	3.56	13.44	8.94	
119-741A_143	494	17	6/38	0.0796	0.0029	0.6030	0.0740	0.0595	0.0064	494	17	475	46	584	234	104	11	292	16.8	566	464000	8.100	41.40	1.440	8.70	4.80	0.50	16.70	5.42	54.6	19.2	85.9	16.4	144.2	28.3	11490	1.67	481.0	466.0	1.03	5.18	10.39	9.42	
119-741A_144	527	8	Pbcor6/38	0.0851	0.0013	0.6300	0.0480	0.0576	0.0031	526	8	492	30	514	118	106	7	180	6.8	446	472500	0.161	26.30	0.288	2.99	2.60	0.73	11.10	3.59	42.8	15.2	71.1	14.3	130.4	26.6	11240	1.74	171.0	353.8	0.48	6.22	7.89	5.81	
119-741A_145	942	17	Pbcor6/38	0.1571	0.0030	1.3900	0.1300	0.0690	0.0053	940	17	873	56	898	158	105	7	296	8.3	952	479300	Below LOD	12.01	0.070	1.55	3.82	0.23	21.20	7.18	89.2	32.6	152.4	30.3	260.5	52.0	9520	1.33	134.1	190.7	0.70	5.83	15.07	9.55	
119-741A_146	545	9	6/38	0.0882	0.0015	0.7390	0.0720	0.0654	0.0055	545	9	555	42	786	177	98	8	770	12.0	962	451500	0.490	28.40	0.960	9.00	9.30	1.79	34.60	9.90	103.0	32.5	137.0	26.1	233.0	45.9	9980	1.71	238.0	333.0	0.71	4.46	16.07	24.84	
119-741A_147	542	19	Pbcor6/38	0.0881	0.0032	0.6840	0.1000	0.0612	0.0087	544	19	503	61	645	306	107	14	239	10.0	725	468100	0.092	10.81	0.560	9.10	10.10	1.34	35.90	8.89	83.7	25.1	100.4	17.3	140.9	25.9	9050	0.57	97.6	73.4	1.33	3.10	11.69	7.71	
119-741A_149	552	11	Pbcor6/38	0.0893	0.0019	0.6610	0.0640	0.0576	0.0047	551	11	512	37	514	179	106	8	223	7.5	515	470300	Below LOD	22.20	0.104	2.09	2.76	0.43	14.80	4.72	50.1	17.4	75.1	14.8	125.0	25.3	9600	0.94	152.0	190.6	0.80	5.05	8.65	7.19	
119-741A_150	314	5	6/38	0.0498	0.0008	0.3600	0.0310	0.0554	0.0038	314	5	310	23	427	153	101	8	319	9.3	1078	464500	0.048	29.10	0.370	5.00	7.40	1.21	30.90	9.60	107.1	36.0	163.9	31.2	268.0	51.1	10800	2.77	233.0	343.0	0.68	4.77	17.62	10.29	
119-741A_151	579	22	Pbcor6/38	0.0936	0.0037	0.6800	0.1700	0.0560	0.0140	577	22	510	100	451	556	105	23	590	35.0	1078	446000	1.730	29.90	4.000	21.30	19.80	6.00	56.00	13.10	111.0	35.0	135.0	25.5	222.0	38.0	10370	1.02	184.4	434.0	0.42	3.42	17.61	19.03	S
119-741A_152	285	8	Pbcor6/38	0.0459	0.0013	0.3880	0.0560	0.0644	0.0081	289	8	330	41	754	266	105	11	386	5.9	1031	510600	0.165	10.90	0.340	2.20	4.20	0.30	23.70	8.98	100.9	36.2	156.0	28.5	208.0	39.2	13510	2.84	176.7	303.0	0.58	3.89	15.95	12.45	
119-741A_153	537	9	6/38	0.0870	0.0015	0.6770	0.0540	0.0593	0.0040	537	9	523	33	577	147	103	7	225	9.4	569	492100	0.780	22.60	1.640	10.40	8.70	2.70	21.70	6.88	65.9	18.7	80.2	14.8	132.8	26.1	11870	0.72	298.1	602.0	0.50	3.96	9.88	7.26	
119-741A_154	1285	130	7/6	0.1947	0.0031	2.1100	0.1800	0.0837	0.0056	1147	17	1151	56	1285	130	100	5	205	6.6	410	473500	Below LOD	10.12	Below LOD	0.53	1.01	0.17	6.46	2.59	31.8	13.0	65.4	14.8	135.6	29.2	9810	1.15	69.9	225.0	0.31	9.18	6.63	6.61	
119-741A_156	559	15	Pbcor6/38	0.0906	0.0026	0.6980	0.0750	0.0589	0.0055	559	15	530	45	562	204	104	9	364	10.6	748	509600	Below LOD	32.80	0.176	2.86	6.20	0.30	21.60	6.48	72.9	24.2	109.6	21.0	183.7	34.9	11740	0.86	249.0	208.0	1.20	4.79	12.54	11.74	
119-741A_158	502	7	Pbcor6/38	0.0811	0.0012	0.6100	0.0550	0.0580	0.0044	502	7	477	35	529	166	105	8	197	4.6	959	470900	Below LOD	15.37	0.022	1.61	3.33	0.06	21.70	7.68	95.0	33.2	144.5	27.7	227.4	40.7	12850	3.49	305.1	294.8	1.03	4.29	15.12	6.35	
119-741A_159	274	7	Pbcor6/38	0.0439	0.0012	0.3530	0.0480	0.0609	0.0081	277	7	303	37	635	286	104	11	257	14.2	730	507000	0.530	24.80	1.210	10.60	8.80	3.14	31.10	8.30	83.0	24.9	96.0	18.5	159.0	30.0	11010	0.64	288.0	285.0	1.01	3.61	12.37	8.29	
119-741A_161	531	8	Pbcor6/38	0.0868	0.0014	0.7580	0.0550	0.0664	0.0035	537	8	569	32	818	110	101	5	203	16.0	511	477900	0.355	21.80	0.740	5.44	5.64	1.23	17.80	5.02	53.2	17.1	75.1	14.9	128.2	25.6	10830	0.91	353.0	346.2	1.04	4.82	8.76	6.55	
119-741A_162	569	10	6/38	0.0923	0.0017	0.7450	0.0720	0.0600	0.0046	569	10	563	42	603	166	101	8	168	5.0	103	507000	0.068	6.39	0.210	2.00	3.20	0.55	8.00	1.57	12.7	3.6	13.2	2.5	19.7	3.6	16330	0.51	107.0	744.0	0.14	2.83	1.86	5.42	
119-741A_163	527	11	6/38	0.0852	0.0019	0.7240	0.0810	0.0647	0.0064	527	11	545	50	764	208	97	9	244	8.5	879	453700	0.226	23.30	0.390	6.20	10.00	1.57	31.40	9.20	93.8	29.7	124.3	23.1	191.0	36.6	9130	0.60	238.0	203.6	1.17	3.90	14.43	7.87	
119-741A_164	300	5	Pbcor6/38	0.0483	0.0008	0.4090	0.0330	0.0625	0.0039	304	5	346	24	690	133	102	6	211	12.3	780	440000	0.330	20.70	0.350	3.58	7.20	0.55	25.60	7.00	79.0	26.0	116.0	21.1	183.0	34.8	9280	1.42	307.0	457.0	0.67	4.41	12.72	6.81	
119-741A_165	512	9	6/38	0.0827	0.0016	0.6750	0.0700	0.0616	0.0054	512	9	513	43	659	188	100	9	156	11.3	293	475900	Below LOD	13.33	Below LOD	0.68	1.70	0.16	6.34	2.31	26.5	9.3	43.8	9.5	86.4	17.4	10430	1.04	134.5	154.0	0.87	6.58	4.95	5.03	
119-741A_166	525	13	6/38	0.0848	0.0022	0.6760	0.0750	0.0598	0.0057	525	13	527	45	595	206	100	9	223	11.5	745	493200	0.125	11.49	0.580	8.10	10.60	1.83	36.70	8.51	86.5	25.4	103.7	18.3	154.8	29.5	9510	0.62	136.0	137.4	0.99	3.41	12.13	7.19	
119-741A_167	853	10	6/38	0.1415	0.0018	1.2440	0.0790	0.0674	0.0027	853	10	823	39	849	83	104	5	410	4.7	1172	447500	0.399	16.87	0.890	6.70	6.40	1.47	22.90	8.48	107.8	39.1	185.5	36.7	321.0	62.2	10580	3.64	185.9	458.0	0.41	5.77	18.61	13.23	
119-741A_168	1084	82	7/6	0.1786	0.0036	1.8110	0.1200	0.0756	0.0031	1059	20	1047	43	1084	82	101	5	359	12.9	1470	512000	0.125	6.80	0.530	5.50	8.10	0.66	44.00	11.90	148.0	50.0	231.0	43.7	374.0	73.0	13400	2.12	260.0	681.0	0.38	4.93	23.04	11.58	
119-741A_169	537	7	Pbcor6/38	0.0866	0.0012	0.6410	0.0480	0.0559	0.0029	535	7	500	30	447	115	103	7	535	10.8	497	453900	0.181	32.60	0.400	4.70	3.65	1.05	13.30	4.26	49.9	16.1	76.3	15.5	145.1	29.0	10830	1.45	483.0	608.0	0.79	5.81	8.95	17.26	
119-741A_170	524	15	6/38	0.0848	0.0026	0.6680	0.0730	0.0604	0.0061	524	15	507	44	617	218	103	9	180	12.9	367	477000	Below LOD	14.54	Below LOD	1.52	2.40	0.35	11.90	3.25	36.1	12.0	55.6	10.7	92.8	17.7	11420	1.15	103.3	119.7	0.86	4.91	6.11	5.81	
119-741A_171	539	13	Pbcor6/38	0.0864	0.0023	0.5780	0.0740	0.0511	0.0064	534	13	455	50	244	288	104	13	232	6.4	374	473700	0.114	26.58	0.297	2.80	3.55	0.64	13.60	3.46	39.9	12.6	54.8	11.1	99.4	19.1	9610	0.59	125.5	95.5	1.31	4.80	6.80	7.48	
119-741A_172	574	14	Pbcor6/38	0.0929	0.0024	0.7160	0.0780	0.0576	0.0057	572	14	543	49	514	218	102	10	179	9.4	453	458900	Below LOD	9.91	0.109	2.59	3.65	0.52	16.80	4.54	48.1	15.7	66.1	12.3	100.8	19.0	9320	0.71	77.6	131.4	0.59	3.95	7.32	5.77	
119-741A_173	1016	139	7/6	0.1856	0.0039	1.8000	0.1500	0.0731	0.0050	1097	21	1040	55	1016	139	105	6	254	8.6	534	473300	0.042	7.67	0.114	1.45	2.63	0.47	11.20	3.94	48.1	18.0	85.1	17.8	159.0	33.9	9130	0.63	56.6	119.4	0.47	7.05	8.59	8.19	
119-741A_174	907	14	Pbcor6/38	0.1518	0.0025	1.5200	0.1400	0.0736	0.0057	911	14	930	59	1030	157	101	6	216	Below LOD	1090	477100	0.058	15.43	0.183	2.79	5.80	0.14	28.90	9.22	112.0	39.6	176.5	33.6	294.5	59.0	9110	2.35	133.2	273.3	0.49	5.27	17.62	6.97	
119-741A_175	528	9	Pbcor6/38	0.0851	0.0016	0.6490	0.0550	0.0560	0.0037	527	9	502	34	451	147	101	7	177	10.4	663	486800	0.051	23.10	0.154	2.08	3.28	0.48	17.40	5.36	62.7	21.8	101.2	19.6	178.8	34.8	10470	1.41	251.2	374.0	0.67	5.55	11.00	5.71	
119-741A_176	1002	182	7/6	0.1607	0.0037	1.5800	0.1700	0.0726	0.0065	960	21	948	65	1002	182	101	7	390	6.0	1346	471000	0.099	14.30	0.720	9.20	10.90	1.96	49.60	13.84	144.2	46.6	201.6	36.7	306.0	59.3	7930	0.38	109.6	110.1	1.00	4.11	21.46	12.58	
119-741A_177	605	11	Pbcor6/38	0.0988	0.0018	0.8610	0.0660	0.0638	0.0036	607	11	627	36	734	119	101	6	352	11.8	1054	498000	1.440	20.70	2.940	19.20	14.60	4.87	37.30	11.41	121.0	34.8	153.1	29.7	264.0	53.7	12890	1.29	165.8	550.6	0.30	4.44	17.70	11.35	
119-741A_178	544	8	Pbcor6/38	0.0878	0.0014	0.6700	0.0570	0.0560	0.0038	542	8	515	35	451	151	101	7	175	7.3	356	466000	0.030	16.70	0.117	1.61	2.59	0.37	8.00	2.81	33.5	11.6	53.8	11.0	103.1	21.0	10930	0.79	163.2	321.0	0.51	6.25	6.11	5.65	
119-741A_181	496	14	Pbcor6/38	0.0805	0.0023	0.6690	0.0810	0.0629	0.0075	499	14	521	48	704	254	104	9	187	11.6	337	495000	0.128	16.28	0.207	1.99	2.25	0.65	11.50	3.45	33.8	11.1	48.9	9.4	80.2	16.1	10290	0.84	89.3	104.7	0.85	4.76	5.78	6.03	
119-741A_182	544	8	6/38	0.0881	0.0014	0.7070	0.0550	0.0586	0.0033	544	8	543	35	551	123	100	7	321	9.0	922	467800	0.334	19.64	0.620	6.14	7.20	1.73	30.90	9.02	92.2	30.3	125.0	22.8	193.6	38.7	10120	1.61	209.2	335.0	0.62	4.19	14.81	10.35	
119-741A_183	782	12	Pbcor6/38	0.1310	0.0020	1.4180	0.0960	0.0784	0.0031	794	12	894	39	1156	78	99	4	1334	51.6	3760	514700	9.380	54.80	9.980	64.60	48.80	17.65	125.60	37.40	392.0	112.3	465.0	88.8	783.0	158.6	17930	1.95	121.8	975.0	0.12	4.05	60.62	43.03	
119-741A_184	513	18	Pbcor6/38	0.0830	0.0031	0.6700	0.1200	0.0592	0.0095	514	18	488	70	573	348	101	16	246	10.8	893	497900	0.510	14.60	0.660	6.70	8.70	2.30	33.90	8.89	94.8	29.3	120.0	21.9	175.0	32.1	9830	1.28	67.4	70.0	0.96	3.39	14.23	7.94	
119-741A_185	773	12	Pbcor6/38	0.1285	0.0021	1.2690	0.0980	0.0720	0.0038	779	12	828	44	985	107	100	5	693	14.1	1933	487200	1.920	26.00	2.690	18.00	20.90	7.08	61.60	19.70	208.5	63.6	276.0	49.5	415.0	77.7	9720	0.62	326.7	361.3	0.90	3.73	31.03	22.35	
119-741A_186	347	6	Pbcor6/38	0.0564	0.0010	0.5480	0.0430	0.0690	0.0036	353	6	441	29	898	108	97	5	777	16.0	2220	472400	1.370	21.20	2.600	18.80	18.10	5.85	74.90	22.90	248.0	78.2	322.0	56.9	475.0	88.5	9690	1.86	226.0	407.0	0.56	3.57	35.48	25.06	
119-741A_189	537	19	6/38	0.0870	0.0031	0.7500	0.1100	0.0643	0.0098	537	19	543	66	751	322	99	13	196	6.8	668	488200	0.105	19.50	0.470	6.10	8.40	1.62	27.40	7.79	79.0	23.3	97.4	17.9	142.4	26.9	9630	0.75	125.9	81.4	1.55	3.41	11.24	6.32	
119-741A_190	561	11	Pbcor6/38	0.0905	0.0018	0.6880	0.0630	0.0557	0.0044	558	11	523	38	439	176	101	8	151	7.7	292	474200	Below LOD	34.30	0.051	1.25	1.61	0.23	7.10	2.26	25.6	8.8	44.0	9.7	91.3	18.2	10340	1.00	208.3	230.0	0.91	7.10	5.64	4.87	
119-741A_191	513	15	Pbcor6/38	0.0841	0.0025	0.7870	0.0950	0.0695	0.0082	520	15	570	54	913	242	102	9	208	8.1	771	477900	0.099	19.80	0.690	8.30	10.20	1.58	35.80	9.00	88.5	27.5	112.0	19.6	162.0	30.0	9420	0.59	132.0	83.8	1.58	3.39	12.76	6.71	
119-741A_192	544	41	Pbcor6/38	0.0890	0.0069	0.7500	0.2700	0.0670	0.0260	548	41	440	160	837	808	109	46	141	9.0	156	496000	Below LOD	6.70	Below LOD	0.11	0.43	0.28	2.54	1.08	12.5	5.1	25.9	5.7	54.8	13.4	9860	0.11	14.7	16.8	0.88	10.70	2.68	4.55	
119-741A_194	294	5	Pbcor6/38	0.0469	0.0008	0.3720	0.0300	0.0567	0.0036	295	5	322	23	479	140	99	7	210	6.5	799	482100	0.058	29.60	0.195	2.36	5.20	0.75	22.30	6.59	76.9	26.7	119.1	24.0	210.0	41.2	10450	0.87	398.0	381.0	1.04	5.36	13.34	6.77	
119-741A_196	540	6	Pbcor6/38	0.0872	0.0010	0.6750	0.0490	0.0568	0.0028	539	6	521	29	483	109	101	6	206	8.4	429	468000	0.084	25.20	0.182	1.63	2.38	0.53	11.30	3.69	40.4	13.2	64.4	13.1	126.1	26.0	10740	1.76	273.3	549.0	0.50	6.44	7.56	6.65	
119-741A_197	557	13	Pbcor6/38	0.0908	0.0022	0.7840	0.0720	0.0633	0.0047	560	13	578	40	717	158	101	7	153	10.1	407	483000	Below LOD	14.91	Below LOD	1.54	2.52	0.35	11.10	3.74	40.5	13.5	65.6	12.6	111.0	21.9	11350	0.92	99.7	194.0	0.51	5.41	6.82	4.94	
119-741A_198	543	12	Pbcor6/38	0.0884	0.0021	0.7760	0.0790	0.0636	0.0055	546	12	577	45	727	183	100	8	291	9.1	696	511900	2.140	40.50	1.190	7.70	7.00	1.87	21.90	6.36	70.1	22.6	95.8	18.4	162.6	30.7	10890	1.12	240.0	350.0	0.69	4.38	12.18	9.39	
119-741A_199	424	5	Pbcor6/38	0.0693	0.0008	0.6820	0.0440	0.0704	0.0024	432	5	527	26	939	70	98	4	878	19.6	2320	490300	3.830	48.20	7.180	45.10	36.20	11.56	86.50	27.00	277.0	80.6	326.0	60.3	511.0	93.9	10750	2.13	310.0	727.0	0.43	3.39	38.76	28.32	
119-741A_200	545	16	Pbcor6/38	0.0884	0.0027	0.7160	0.1000	0.0601	0.0082	546	16	524	59	606	296	102	12	235	17.9	537	483600	0.067	15.00	0.199	3.29	3.58	0.79	20.00	5.48	56.7	18.4	76.7	13.9	116.2	22.5	10000	0.52	71.9	93.6	0.77	3.97	8.82	7.58	
119-741A_201	469	9	6/38	0.0755	0.0015	0.6540	0.0960	0.0689	0.0052	469	9	508	58	895	156	92	11	228	6.9	823	488000	0.106	45.30	0.197	4.50	5.60	1.34	22.20	7.65	81.3	26.8	124.5	24.2	214.0	43.2	10130	0.91	277.0	255.0	1.09	5.31	14.35	7.35	
119-741A_202	1046	158	7/6	0.1612	0.0034	1.6300	0.2500	0.0742	0.0058	963	19	965	96	1046	158	100	10	295	Below LOD	926	462000	Below LOD	48.90	0.256	3.57	6.60	1.98	29.00	8.25	92.4	31.2	141.0	26.6	241.0	48.6	8060	0.67	95.2	88.5	1.08	5.26	16.07	9.52	
119-741A_203	518	15	Pbcor6/38	0.0841	0.0025	0.7180	0.1200	0.0622	0.0057	520	15	535	69	680	196	100	13	230	9.5	1060	493800	0.035	12.35	0.394	4.25	7.30	1.37	35.60	10.10	113.0	37.6	158.0	29.5	245.0	47.4	10130	1.19	103.8	107.6	0.96	4.19	16.93	7.42	
119-741A_204	554	15	Pbcor6/38	0.0915	0.0026	0.9280	0.1400	0.0739	0.0061	564	15	662	72	1038	167	100	10	386	11.3	510	493000	0.730	7.50	0.960	6.10	5.50	1.91	12.40	4.90	56.4	16.6	64.2	11.6	97.5	18.1	14240	2.15	17.8	204.4	0.09	3.21	8.19	12.45	
119-741A_206	570	16	Pbcor6/38	0.0926	0.0028	0.7570	0.1400	0.0597	0.0080	570	16	543	82	592	290	101	16	178	21.9	360	492200	Below LOD	12.86	0.185	3.01	4.54	1.13	16.90	4.25	40.5	12.3	50.3	9.2	77.7	14.8	9120	0.38	88.3	82.6	1.07	3.66	6.05	5.74	
119-741A_207	534	9	Pbcor6/38	0.0867	0.0015	0.7250	0.1000	0.0608	0.0033	536	9	550	59	631	117	100	11	185	10.3	454	479000	0.310	20.40	0.440	5.00	4.61	0.90	14.70	4.67	48.1	15.1	65.6	12.3	109.4	21.4	10940	1.06	308.0	552.0	0.56	4.46	7.80	5.97	
119-741A_208	514	7	Pbcor6/38	0.0835	0.0012	0.7100	0.0970	0.0621	0.0029	517	7	541	58	677	100	100	10	173	4.8	642	476400	0.201	21.40	0.390	3.00	3.87	0.58	17.30	5.29	61.7	20.8	95.5	19.2	169.0	33.5	11460	1.91	342.0	663.4	0.52	5.43	10.66	5.58	
119-741A_209	364	16	Pbcor6/38	0.0583	0.0027	0.4050	0.0860	0.0561	0.0098	365	16	329	61	455	388	110	21	152	12.9	376	478100	0.021	22.49	0.132	1.94	3.39	0.84	13.70	4.00	42.3	13.0	53.6	9.9	78.9	15.9	9840	0.80	47.6	53.6	0.89	3.76	6.67	4.90	
119-741A_210	566	22	Pbcor6/38	0.0928	0.0037	0.8800	0.1500	0.0680	0.0082	572	22	627	81	868	250	99	12	169	Below LOD	399	513000	Below LOD	17.30	Below LOD	1.04	1.48	0.84	8.30	3.00	32.1	12.9	62.3	12.8	121.2	26.5	8840	0.81	52.1	183.0	0.28	8.26	6.71	5.45	
119-741A_211	848	24	Pbcor6/38	0.1404	0.0043	1.2500	0.2300	0.0660	0.0093	846	24	809	100	805	294	102	13	458	7.6	1578	442200	2.550	10.30	1.520	14.00	12.20	4.60	60.70	16.62	179.0	53.7	230.0	40.5	337.0	68.3	7140	0.61	65.6	113.7	0.58	3.82	25.35	14.77	
119-741A_212	548	9	6/38	0.0887	0.0016	0.7200	0.1000	0.0583	0.0037	548	9	549	60	540	139	100	11	270	11.2	743	516000	0.210	26.60	0.140	1.49	2.96	0.38	14.30	5.01	59.9	23.7	117.8	25.7	239.0	49.6	13830	4.03	191.9	677.0	0.28	8.28	12.34	8.71	
119-741A_213	1159	116	7/6	0.1852	0.0037	1.9800	0.2800	0.0785	0.0046	1095	20	1099	97	1159	116	100	9	145	10.0	369	462600	1.020	6.80	0.490	2.12	1.05	0.30	6.40	2.33	28.4	11.3	61.5	14.1	141.3	32.5	6900	0.74	37.2	175.0	0.21	11.44	6.12	4.68	
119-741A_214	530	11	Pbcor6/38	0.0862	0.0019	0.7470	0.1100	0.0631	0.0046	533	11	558	65	711	155	100	11	147	20.1	456	466500	0.580	18.40	1.370	15.10	13.00	1.37	35.40	7.60	62.5	16.1	57.7	9.3	66.9	11.6	9340	0.62	492.0	246.4	2.00	1.86	7.93	4.74	
119-741A_215	544	9	Pbcor6/38	0.0881	0.0015	0.7120	0.1000	0.0588	0.0035	544	9	541	59	559	130	100	11	351	9.1	965	480000	Below LOD	27.40	0.289	4.11	7.20	0.86	30.30	9.10	98.4	32.2	144.5	28.1	236.0	46.6	10990	1.41	308.0	360.0	0.86	4.74	15.87	11.32	
119-741A_216	550	6	Pbcor6/38	0.0892	0.0010	0.7340	0.0990	0.0599	0.0024	551	6	557	57	599	87	100	10	304	9.0	606	472600	0.061	8.19	0.085	1.69	2.13	0.12	11.90	4.60	55.6	19.8	92.0	17.5	154.7	29.2	11790	2.08	171.9	752.0	0.23	5.24	9.49	9.81	
119-741A_218	535	9	6/38	0.0865	0.0014	0.7800	0.1100	0.0717	0.0033	535	9	584	60	977	94	92	10	1038	11.9	1838	446300	1.360	12.90	2.060	13.50	13.80	3.95	49.20	16.60	185.0	61.1	268.0	55.5	443.0	84.3	10690	1.57	131.9	738.0	0.18	4.56	28.90	33.48	S
119-741A_219	528	23	Pbcor6/38	0.0856	0.0039	0.6800	0.1400	0.0610	0.0100	529	23	494	90	638	352	105	20	164	11.1	346	489000	Below LOD	11.97	0.090	2.06	3.14	0.64	12.30	3.44	38.5	12.2	50.4	9.3	85.0	16.3	9790	0.73	42.3	48.3	0.88	4.23	5.83	5.29	
119-741A_220	516	9	Pbcor6/38	0.0837	0.0015	0.7060	0.1100	0.0608	0.0047	518	9	532	62	631	166	99	11	130	9.7	396	477000	0.064	13.69	0.205	2.54	3.22	0.50	13.30	3.71	39.9	12.8	55.6	11.2	101.3	19.4	10480	1.78	234.7	263.0	0.89	4.85	6.61	4.19	
119-741A_221	659	9	6/38	0.1076	0.0016	0.9960	0.1400	0.0742	0.0042	659	9	697	73	1046	114	94	10	233	6.2	481	429000	0.125	7.90	0.172	1.53	2.34	0.30	9.90	3.50	43.1	15.8	78.6	15.4	133.0	26.8	10100	1.08	163.4	420.0	0.39	6.22	7.66	7.52	
119-741A_222	539	13	Pbcor6/38	0.0879	0.0022	0.7620	0.1300	0.0642	0.0070	543	13	566	75	747	230	102	13	162	11.9	250	474600	0.182	33.10	0.320	3.22	3.08	0.99	9.40	2.83	25.4	8.2	36.4	6.8	59.6	12.2	9630	0.49	262.0	163.0	1.61	4.80	5.03	5.23	
119-741A_223	1505	103	7/6	0.2285	0.0048	2.9800	0.4100	0.0939	0.0051	1326	25	1399	100	1505	103	95	7	265	5.2	763	490000	0.360	10.40	0.940	5.70	3.05	1.53	13.60	5.20	63.7	25.6	129.7	26.3	250.6	48.2	12100	9.43	107.3	467.0	0.23	7.57	12.13	8.55	
119-741A_224	913	13	Pbcor6/38	0.1518	0.0024	1.4270	0.1900	0.0672	0.0029	911	13	899	83	843	90	99	9	533	58.0	1330	509000	1.980	23.00	1.880	13.70	9.70	4.38	27.30	11.50	126.0	42.6	200.0	40.4	384.0	78.2	14910	11.40	170.0	996.0	0.17	6.21	21.69	17.19	
119-741A_226	542	14	Pbcor6/38	0.0878	0.0023	0.7210	0.1000	0.0597	0.0041	542	14	548	60	592	149	100	11	244	Below LOD	639	513500	0.091	13.50	0.125	1.15	1.81	0.20	11.70	4.24	52.1	20.4	99.1	21.3	191.0	37.8	12160	1.46	163.0	310.0	0.53	7.26	10.18	7.87	
119-741A_227	726	15	Pbcor6/38	0.1217	0.0027	1.2410	0.1700	0.0804	0.0037	740	15	816	76	1206	91	108	9	287	37.7	2202	459600	1.270	14.78	0.880	9.60	14.80	0.83	72.60	21.20	230.0	78.8	340.0	62.5	521.0	98.4	8300	1.04	255.0	354.0	0.72	4.28	34.64	9.26	
119-741A_228	547	13	Pbcor6/38	0.0886	0.0022	0.7220	0.1300	0.0591	0.0074	547	13	528	78	570	272	100	16	147	11.9	308	483000	Below LOD	9.27	0.050	1.17	1.54	0.35	10.10	2.76	29.9	10.0	45.9	9.5	81.1	16.1	10620	0.58	73.5	123.0	0.60	5.39	5.05	4.74	
119-741A_229	535	17	Pbcor6/38	0.0869	0.0029	0.7270	0.1300	0.0612	0.0079	537	17	531	79	645	278	101	16	195	10.1	415	478000	Below LOD	15.18	0.065	1.66	2.67	0.70	13.70	3.77	41.7	13.6	61.4	12.0	106.3	20.9	9870	0.50	67.9	81.8	0.83	5.01	6.94	6.29	
119-741A_230	508	12	Pbcor6/38	0.0823	0.0020	0.6910	0.1000	0.0612	0.0049	510	12	525	61	645	172	100	12	217	13.0	902	492800	0.134	16.04	0.580	9.00	12.10	1.59	40.80	10.35	102.6	30.6	129.3	23.1	193.4	37.1	9880	0.65	217.0	204.0	1.06	3.62	14.71	7.00	
119-741A_231	746	21	6/38	0.1227	0.0037	1.2500	0.1900	0.0812	0.0066	746	21	815	85	1225	160	92	10	423	9.4	495	425100	0.236	6.80	0.610	4.20	4.60	1.27	13.80	4.20	47.8	16.6	79.0	15.1	142.0	28.5	9260	0.49	56.0	189.0	0.30	5.96	8.00	13.65	
119-741A_232	712	17	Pbcor6/38	0.1184	0.0030	1.2010	0.1700	0.0749	0.0046	721	17	808	92	1065	124	101	10	1030	22.6	2130	451500	3.770	44.70	6.500	46.30	34.40	13.00	87.00	25.10	255.0	71.5	278.0	53.8	499.0	103.9	10150	0.74	448.0	702.0	0.64	4.07	36.18	33.23	S
178-1096B_1	179	7	Pbcor6/38	0.0285	0.0011	0.2300	0.0430	0.0580	0.0110	181	7	203	36	529	416	99	16	471	47.0	1353	421600	0.009	2.00	0.280	3.82	6.31	0.48	36.70	10.99	127.6	45.7	205.1	39.0	331.5	65.3	9240	0.48	71.8	137.9	0.52	5.12	20.75	15.19	
178-1096B_2	478	13	Pbcor6/38	0.0776	0.0021	0.6950	0.0820	0.0639	0.0072	482	13	525	50	737	238	98	9	208	13.7	187	419500	0.014	7.01	0.068	1.27	3.77	0.15	11.20	2.48	22.5	6.0	21.9	3.7	33.3	6.2	11460	0.48	70.0	173.0	0.40	2.74	3.16	6.71	
178-1096B_4	195	6	Pbcor6/38	0.0306	0.0010	0.1900	0.0280	0.0479	0.0071	195	6	175	24	93	351	106	16	334	22.4	209	449500	Below LOD	1.01	0.082	1.62	4.90	0.12	16.20	3.86	29.2	6.8	21.8	3.5	26.6	4.3	11850	0.23	19.2	283.0	0.07	1.47	3.32	10.77	
178-1096B_7	194	5	Pbcor6/38	0.0308	0.0009	0.2390	0.0250	0.0574	0.0056	196	5	215	21	506	214	102	9	292	8.2	1660	428100	Below LOD	11.71	0.229	4.73	8.20	0.37	44.20	14.00	159.0	56.2	254.0	48.4	421.0	82.0	10860	1.98	248.0	473.0	0.52	5.16	25.85	9.42	
178-1096B_8	944	13	6/38	0.1577	0.0023	1.5680	0.1300	0.0730	0.0059	944	13	949	54	1013	164	99	6	283	12.1	740	424300	Below LOD	2.26	Below LOD	1.29	2.39	0.17	15.60	5.08	67.2	24.6	115.9	23.2	202.4	42.2	8590	0.40	45.8	190.2	0.24	6.28	11.45	9.13	
178-1096B_9	188	8	Pbcor6/38	0.0297	0.0012	0.2230	0.0450	0.0540	0.0110	189	8	194	35	370	458	99	18	869	12.9	1570	428300	Below LOD	3.44	0.062	1.20	3.64	0.30	27.50	10.14	132.5	51.7	251.0	51.3	456.0	90.8	10550	0.55	44.8	140.0	0.32	6.85	24.03	28.03	S
178-1096B_10	274	8	6/38	0.0434	0.0012	0.3070	0.0350	0.0527	0.0057	274	8	272	28	315	246	101	11	142	7.3	647	429900	Below LOD	18.70	0.095	1.73	3.83	0.83	17.50	5.18	60.3	21.1	99.8	20.6	187.0	38.7	10700	0.49	162.0	209.6	0.77	6.42	10.69	4.58	
178-1096B_12	105	4	6/38	0.0165	0.0006	0.1130	0.0210	0.0533	0.0097	105	4	107	19	341	412	99	18	457	8.4	1990	466800	0.052	43.30	0.130	2.21	5.47	0.87	32.90	12.01	160.0	63.6	332.0	72.4	685.0	147.0	10300	1.93	250.0	304.0	0.82	9.19	32.46	14.74	
178-1096B_14	564	9	6/38	0.0915	0.0016	0.7090	0.0620	0.0605	0.0050	564	9	548	33	621	178	103	6	456	5.3	716	454700	0.029	0.28	Below LOD	0.31	2.48	0.09	19.40	7.84	78.0	23.1	93.5	19.2	173.0	40.9	13300	0.72	16.3	678.0	0.02	5.24	11.43	14.71	
178-1096B_15	30	4	Pbcor6/38	0.0047	0.0006	0.0290	0.0190	0.0430	0.0300	30	4	28	18	0	1660	97	71	671	12.3	1970	451700	1.290	26.90	0.780	5.90	7.70	1.04	40.90	13.20	170.0	63.0	302.0	60.3	537.0	109.0	10270	0.92	222.0	242.0	0.92	6.41	31.00	21.65	
178-1096B_16	100	5	Pbcor6/38	0.0158	0.0009	0.1350	0.0360	0.0570	0.0150	101	5	123	30	491	580	91	21	393	6.1	1700	405400	Below LOD	36.60	0.166	3.07	7.30	2.11	37.70	13.50	159.0	58.0	272.0	54.5	477.0	97.3	9790	1.26	218.0	274.0	0.80	6.12	27.61	12.68	
178-1096B_18	96	3	Pbcor6/38	0.0150	0.0004	0.0950	0.0150	0.0445	0.0070	96	3	91	13	0	345	97	15	394	3.8	956	410300	0.680	43.40	0.193	1.80	3.30	0.87	15.30	5.44	69.4	28.1	148.0	34.4	352.0	81.1	10390	1.69	566.0	782.0	0.72	11.69	16.46	12.71	
178-1096B_20	2056	122	7/6	0.3455	0.0097	6.1100	0.5300	0.1270	0.0088	1910	48	1988	73	2056	122	96	4	517	7.9	1310	436400	Below LOD	14.30	0.208	2.97	5.20	0.28	36.40	10.80	131.0	46.6	203.0	35.9	302.0	62.0	11520	1.63	78.0	126.4	0.62	4.73	20.65	16.68	
178-1096B_21	82	5	6/38	0.0128	0.0008	0.0810	0.0200	0.0500	0.0120	82	5	77	18	194	558	107	26	488	16.4	3000	451000	0.123	57.60	0.950	12.50	22.70	7.60	99.40	28.30	304.0	100.8	449.0	84.6	733.0	146.3	7600	0.88	253.0	182.4	1.39	4.81	48.67	15.74	
178-1096B_22	108	5	6/38	0.0169	0.0007	0.1240	0.0250	0.0580	0.0120	108	5	115	22	529	454	94	18	406	15.0	1184	436500	Below LOD	20.21	0.112	2.01	3.57	1.88	23.90	7.95	99.4	37.5	182.8	38.5	356.1	78.5	8060	0.58	162.6	147.6	1.10	7.90	19.01	13.10	
178-1096B_23	188	8	6/38	0.0296	0.0012	0.2080	0.0380	0.0526	0.0095	188	8	188	31	311	412	100	17	1764	8.9	3778	443100	0.009	3.17	0.082	1.70	5.74	0.31	51.50	20.64	297.9	118.3	589.0	119.6	1043.0	206.1	11590	0.75	68.2	304.0	0.22	6.92	56.78	56.90	S
178-1096B_25	819	8	Pbcor6/38	0.1365	0.0014	1.3790	0.1100	0.0728	0.0051	825	8	877	48	1008	142	99	5	800	8.1	1618	443300	0.060	0.97	0.043	0.78	3.05	Below LOD	27.80	11.70	149.8	51.3	228.0	42.9	361.0	67.4	12700	0.89	26.1	437.2	0.06	4.50	24.35	25.81	S
178-1096B_26	187	6	6/38	0.0295	0.0010	0.2200	0.0350	0.0588	0.0095	187	6	201	30	559	352	93	14	193	29.0	757	435100	0.064	10.32	0.138	1.74	3.74	0.19	16.60	5.76	67.4	25.5	120.9	24.0	210.0	43.5	10550	1.13	89.6	172.3	0.52	6.45	11.99	6.23	
178-1096B_27	48	2	6/38	0.0074	0.0004	0.0680	0.0170	0.0500	0.0120	48	2	66	16	194	558	72	18	466	4.6	1890	438000	0.990	24.90	0.730	3.70	4.63	0.42	35.20	13.30	170.0	63.2	307.0	60.0	524.0	104.9	9430	2.38	376.0	500.0	0.75	6.17	29.89	15.03	
178-1096B_29	484	5	6/38	0.0780	0.0008	0.6230	0.0520	0.0570	0.0043	484	5	490	32	491	166	99	7	950	27.0	1910	439300	Below LOD	6.81	0.032	0.59	2.42	0.12	19.10	9.04	142.0	58.8	311.0	67.8	656.0	132.5	12400	3.59	137.0	749.0	0.18	9.33	29.36	30.65	S
178-1096B_30	136	4	6/38	0.0213	0.0006	0.1490	0.0200	0.0518	0.0071	136	4	139	18	276	314	98	13	167	3.4	632	437400	Below LOD	16.50	Below LOD	0.36	0.96	0.35	7.15	2.79	40.5	18.5	106.8	27.7	304.0	76.7	10980	0.93	175.1	327.0	0.54	18.94	10.88	5.39	
178-1096B_31	109	3	Pbcor6/38	0.0172	0.0005	0.1200	0.0140	0.0506	0.0059	110	3	114	13	222	270	100	11	343	4.7	1287	430100	Below LOD	30.60	0.100	1.82	3.40	1.10	21.40	7.91	100.0	40.0	207.0	45.1	442.0	99.3	9180	1.24	651.0	687.0	0.95	9.93	21.08	11.06	
178-1096B_33	242	3	Pbcor6/38	0.0383	0.0005	0.2790	0.0310	0.0534	0.0056	242	3	247	24	345	238	101	10	122	2.7	1073	433400	Below LOD	29.50	0.198	3.20	4.84	1.43	22.20	7.20	85.0	33.3	168.1	37.6	370.0	82.1	10420	0.72	539.0	550.0	0.98	9.66	17.74	3.94	
178-1096B_34	522	11	Pbcor6/38	0.0856	0.0018	0.8080	0.0880	0.0694	0.0074	529	11	595	51	910	220	101	8	170	15.3	32	435000	0.065	4.98	0.229	3.30	2.58	0.22	5.14	0.79	4.4	0.9	2.9	0.5	3.5	0.5	10920	0.10	191.3	144.9	1.32	1.17	0.68	5.48	
178-1096B_36	1054	165	7/6	0.1690	0.0024	1.7120	0.1500	0.0745	0.0061	1011	13	1004	56	1054	165	101	6	193	5.3	382	436000	Below LOD	6.74	0.060	0.59	1.08	0.68	6.13	2.06	25.8	11.6	65.2	15.3	168.5	43.4	8820	0.22	91.4	178.7	0.51	16.80	6.43	6.23	
178-1096B_38	633	10	Pbcor6/38	0.1039	0.0017	1.0180	0.0870	0.0672	0.0051	637	10	710	43	843	158	95	6	1373	55.0	3075	403700	0.052	3.28	0.244	3.86	9.10	0.30	61.10	23.30	277.8	101.6	478.0	93.5	807.0	156.4	10840	2.12	224.0	895.0	0.25	5.63	46.96	44.29	S
178-1096B_39	295	8	Pbcor6/38	0.0468	0.0014	0.3210	0.0400	0.0519	0.0066	295	8	281	33	280	292	104	13	220	4.3	513	433400	0.074	11.00	0.080	1.01	1.60	0.54	8.41	2.92	37.3	15.4	84.1	18.7	193.1	46.1	10680	0.38	83.3	165.0	0.50	12.36	8.48	7.10	
178-1096B_40	112	5	6/38	0.0175	0.0008	0.1180	0.0230	0.0530	0.0110	112	5	110	21	328	470	102	20	209	4.7	537	446200	Below LOD	13.30	0.042	0.65	1.74	0.50	8.55	2.91	38.6	15.6	87.9	19.9	217.5	52.1	11480	0.53	171.8	231.0	0.74	13.50	8.99	6.74	
178-1096B_42	138	4	6/38	0.0217	0.0006	0.1720	0.0240	0.0453	0.0060	138	4	161	22	0	290	86	12	269	4.4	2120	440900	0.050	9.94	0.254	5.10	10.30	0.69	49.80	15.80	197.0	73.2	339.0	65.1	532.0	106.7	8710	0.77	191.0	346.0	0.55	5.42	32.78	8.68	
178-1096B_44	201	7	Pbcor6/38	0.0317	0.0010	0.2440	0.0380	0.0525	0.0080	201	7	219	31	306	348	94	13	445	3.4	750	421200	Below LOD	4.44	0.096	0.84	2.74	0.11	16.30	5.02	64.4	24.4	126.4	26.8	253.0	56.5	11150	0.78	111.8	536.0	0.21	8.77	11.94	14.35	
178-1096B_47	154	3	Pbcor6/38	0.0247	0.0005	0.2120	0.0250	0.0646	0.0073	157	3	193	20	760	238	105	9	231	3.5	1320	452900	0.137	9.81	0.186	1.79	3.45	0.30	26.60	9.30	121.0	45.1	221.0	44.4	398.0	83.2	12580	6.41	220.0	622.0	0.35	6.88	20.93	7.45	
178-1096B_48	339	7	Pbcor6/38	0.0545	0.0012	0.4470	0.0480	0.0602	0.0061	342	7	370	33	610	220	101	8	332	5.3	885	439100	0.470	24.05	0.274	2.78	5.37	1.24	23.40	6.99	78.7	28.3	135.6	28.1	254.3	52.3	10520	0.36	189.6	237.6	0.80	6.65	14.51	10.71	
178-1096B_49	30	7	6/38	0.0047	0.0010	0.0410	0.0820	0.1200	0.1600	30	7	2	75	1955	2380	1515	56813	219	7.1	638	433700	Below LOD	6.41	0.053	0.65	1.95	0.48	13.00	4.30	55.4	20.8	103.1	20.9	189.0	39.6	9870	0.26	17.4	26.9	0.65	7.15	10.04	7.06	
178-1096B_50	47	4	6/38	0.0073	0.0006	0.0630	0.0210	0.0700	0.0240	47	4	58	20	927	704	81	29	290	7.2	830	447700	Below LOD	3.68	0.033	0.53	1.54	0.62	11.00	4.28	59.5	26.0	143.3	32.8	341.1	78.4	8540	0.69	71.0	182.0	0.39	13.18	13.28	9.35	
178-1096B_51	111	6	6/38	0.0174	0.0009	0.1210	0.0380	0.0520	0.0160	111	6	112	35	284	704	99	31	288	6.8	564	438400	Below LOD	10.61	0.063	1.00	2.22	0.85	11.88	3.91	46.4	17.9	89.9	19.8	184.6	41.1	9530	0.29	53.9	83.0	0.65	8.86	9.14	9.29	
178-1096B_55	67	3	Pbcor6/38	0.0104	0.0004	0.0690	0.0150	0.0500	0.0120	67	3	70	16	194	558	104	22	404	Below LOD	2380	422800	Below LOD	10.53	0.297	4.85	9.90	1.56	59.40	18.20	228.0	81.9	386.0	74.6	653.0	130.5	8960	0.60	271.0	366.0	0.74	5.72	37.25	13.03	
178-1096B_56	847	9	Pbcor6/38	0.1411	0.0016	1.4590	0.1200	0.0715	0.0052	851	9	911	50	971	148	96	5	658	10.8	1299	407100	0.380	18.20	0.197	1.94	3.63	2.56	21.30	7.62	106.1	41.8	222.1	49.2	473.0	94.3	11300	9.09	545.0	705.0	0.77	8.89	20.93	21.23	S
178-1096B_57	64	3	6/38	0.0099	0.0005	0.0680	0.0210	0.0540	0.0160	64	3	64	19	370	668	99	30	375	11.2	1015	438800	Below LOD	16.16	0.076	1.77	4.33	0.86	20.70	6.66	84.1	33.5	167.4	34.9	325.0	71.3	8920	0.48	117.6	179.1	0.66	8.48	16.31	12.10	
178-1096B_58	137	5	6/38	0.0214	0.0008	0.1350	0.0330	0.0510	0.0130	137	5	129	30	240	588	106	25	126	3.2	343	453200	Below LOD	9.07	Below LOD	0.43	0.98	0.28	5.62	1.92	25.8	10.0	56.1	13.3	146.2	36.9	11420	0.43	93.4	212.0	0.44	14.30	5.88	4.06	
178-1096B_59	107	10	Pbcor6/38	0.0165	0.0016	0.1110	0.0600	0.0400	0.0260	105	10	91	50	0	1346	85	64	199	9.2	422	416300	Below LOD	9.94	Below LOD	0.41	1.05	0.37	6.67	2.50	32.8	13.1	68.7	14.8	136.9	30.2	9670	0.45	45.3	63.8	0.71	9.20	6.82	6.42	
178-1096B_62	511	11	Pbcor6/38	0.0826	0.0019	0.6600	0.0740	0.0579	0.0063	511	11	504	45	525	238	100	9	399	6.2	1153	418800	Below LOD	5.09	0.139	2.46	6.95	0.88	31.80	9.37	110.7	38.8	172.4	34.7	295.6	60.4	9380	0.60	43.6	146.6	0.29	5.46	17.96	12.87	
178-1096B_63	129	4	Pbcor6/38	0.0206	0.0006	0.1790	0.0320	0.0608	0.0100	131	4	162	27	631	354	95	14	389	Below LOD	1098	413800	0.167	9.88	0.163	1.48	2.87	0.45	19.00	7.01	89.9	36.5	182.7	38.7	352.0	76.7	8520	1.14	91.3	225.1	0.41	8.53	17.37	12.55	
178-1096B_64	591	15	Pbcor6/38	0.0974	0.0025	1.0290	0.1100	0.0722	0.0072	599	15	714	55	991	202	94	7	988	4.9	1917	399600	Below LOD	0.98	Below LOD	Below LOD	1.90	0.14	19.00	10.17	153.6	56.6	279.2	57.9	517.0	100.9	12270	0.79	28.5	496.0	0.06	6.57	28.73	31.87	S
178-1096B_67	285	7	6/38	0.0452	0.0012	0.3440	0.0500	0.0583	0.0085	285	7	295	38	540	318	97	13	556	3.4	1192	454000	Below LOD	10.17	0.079	0.96	2.30	0.19	18.40	7.65	95.6	38.0	189.8	40.2	361.0	75.3	12380	1.19	102.4	368.0	0.28	7.88	18.52	17.94	S
178-1096B_68	178	6	Pbcor6/38	0.0285	0.0010	0.2480	0.0360	0.0656	0.0098	181	6	220	29	793	314	105	11	1073	11.3	2067	437500	Below LOD	3.69	0.095	1.29	4.62	0.27	32.50	13.04	174.3	68.5	335.7	66.9	584.0	115.2	11520	0.64	67.1	173.8	0.39	6.61	31.49	34.61	S
178-1096B_69	514	9	Pbcor6/38	0.0844	0.0016	0.8270	0.0820	0.0712	0.0071	522	9	604	44	962	204	100	6	304	6.1	825	431000	0.137	18.20	0.163	1.96	2.73	0.81	14.40	4.98	65.1	25.2	133.6	30.0	297.0	67.7	10650	0.67	156.0	255.4	0.61	10.40	13.63	9.81	
178-1096B_70	371	7	6/38	0.0593	0.0012	0.4730	0.0530	0.0628	0.0069	371	7	392	37	701	224	95	9	134	Below LOD	524	457700	0.051	5.10	0.087	0.91	1.30	0.34	11.20	3.50	40.9	16.9	81.0	19.8	194.0	50.2	10830	0.33	82.2	950.0	0.09	12.27	8.61	4.32	
178-1096B_73	938	19	Pbcor6/38	0.1578	0.0035	1.6590	0.1500	0.0772	0.0067	944	19	986	59	1126	173	101	6	371	3.3	1024	435400	0.430	10.68	0.193	2.24	4.48	0.32	24.10	8.06	97.2	36.2	161.7	31.1	261.0	49.9	10080	0.88	87.6	163.0	0.54	5.13	16.06	11.97	
178-1096B_74	181	5	Pbcor6/38	0.0287	0.0008	0.2230	0.0310	0.0547	0.0073	182	5	200	26	399	300	97	12	260	5.2	827	431800	0.049	14.04	0.042	0.88	2.40	0.10	13.80	4.97	67.1	27.0	139.3	28.8	250.6	51.1	12180	2.49	161.3	313.0	0.52	7.62	13.10	8.39	
178-1096B_75	190	7	Pbcor6/38	0.0301	0.0011	0.2370	0.0420	0.0561	0.0095	191	7	207	34	455	376	98	16	510	9.7	950	430900	Below LOD	7.99	0.059	1.02	2.30	0.19	14.30	5.53	79.5	31.1	155.0	32.1	290.0	59.1	11570	0.75	78.9	174.0	0.45	7.43	14.82	16.45	S
178-1096B_77	260	7	6/38	0.0412	0.0011	0.2930	0.0320	0.0544	0.0065	260	7	259	25	387	232	100	10	393	2.9	2241	456600	Below LOD	55.30	0.055	2.49	7.10	1.58	42.20	14.77	188.1	71.7	360.0	73.5	668.0	138.0	11150	1.74	314.0	506.0	0.62	7.34	36.24	12.68	
178-1096B_78	137	6	6/38	0.0215	0.0009	0.1850	0.0430	0.0660	0.0160	137	6	161	37	805	508	85	20	181	4.1	300	437900	Below LOD	4.18	Below LOD	0.49	1.14	0.40	5.32	1.56	21.8	8.8	46.8	11.1	120.6	29.9	10640	0.29	31.8	83.8	0.38	13.73	4.93	5.84	
178-1096B_84	98	5	Pbcor6/38	0.0155	0.0008	0.1120	0.0350	0.0530	0.0170	99	5	100	32	328	728	101	32	376	13.7	1412	436400	2.100	21.18	0.950	6.18	6.32	2.18	34.10	11.01	132.2	47.8	220.9	43.7	386.0	79.7	8360	0.38	90.2	93.4	0.97	6.03	22.71	12.13	
178-1096B_86	52	3	6/38	0.0081	0.0005	0.0690	0.0190	0.0630	0.0180	52	3	65	18	707	608	80	23	301	7.5	2132	440600	Below LOD	15.65	0.289	4.44	8.25	1.51	44.20	14.42	180.3	69.1	330.0	65.7	574.0	116.5	9840	0.54	220.0	220.0	1.00	6.46	32.87	9.71	
178-1096B_88	550	13	Pbcor6/38	0.0893	0.0022	0.7620	0.0850	0.0612	0.0065	551	13	562	50	645	228	99	9	526	15.4	2004	442200	0.174	11.03	0.411	5.87	10.60	2.26	55.20	17.44	201.6	69.5	301.3	55.8	456.0	88.1	8540	0.50	129.3	167.0	0.77	4.37	31.20	16.97	
178-1096B_89rim	194	7	6/38	0.0305	0.0011	0.2440	0.0380	0.0640	0.0110	194	7	221	31	741	364	88	13	610	34.0	1370	473000	0.091	4.35	0.082	1.23	1.12	Below LOD	13.90	6.42	101.0	44.0	235.0	53.0	491.0	103.0	15730	2.18	108.0	512.0	0.21	10.20	21.22	19.68	S
178-1096B_89core	519	8	Pbcor6/38	0.0839	0.0013	0.7070	0.0720	0.0587	0.0057	519	8	538	42	555	212	97	8	567	8.9	575	432100	0.051	3.10	0.017	0.64	1.21	0.12	10.90	3.34	47.5	18.8	98.2	22.6	237.2	51.8	11090	0.92	35.3	330.9	0.11	10.91	9.34	18.29	
178-1096B_93	1477	131	7/6	0.2510	0.0039	3.2500	0.2600	0.0925	0.0064	1443	20	1463	62	1477	131	99	4	316	5.6	1086	445000	0.047	46.20	0.050	1.19	2.28	0.53	15.10	5.93	81.1	33.0	182.8	40.6	401.0	91.2	11720	1.87	190.0	351.0	0.54	11.25	18.59	10.19	
178-1096B_94	127	7	Pbcor6/38	0.0201	0.0011	0.1530	0.0430	0.0580	0.0170	128	7	139	39	529	642	106	26	129	4.5	388	449400	Below LOD	10.07	0.058	0.92	1.88	0.64	9.30	2.68	31.2	11.6	59.5	12.9	127.8	29.6	10910	0.16	67.0	70.4	0.95	9.49	6.39	4.16	
178-1096B_95	106	4	Pbcor6/38	0.0168	0.0007	0.1260	0.0210	0.0567	0.0097	108	4	123	21	479	378	105	15	432	4.1	1720	472700	0.095	49.00	0.241	3.75	6.50	1.91	34.60	11.70	144.0	54.8	263.0	56.2	509.0	107.0	10820	1.04	450.0	417.0	1.08	7.43	28.11	13.94	
178-1096B_96	186	6	Pbcor6/38	0.0293	0.0009	0.2050	0.0310	0.0509	0.0077	186	6	185	26	235	350	100	14	903	13.5	1849	447700	Below LOD	3.58	0.054	1.70	4.09	0.21	31.10	11.68	157.2	61.2	300.0	61.0	525.0	104.3	11440	0.53	74.8	184.2	0.41	6.63	28.25	29.13	S
178-1096B_97	185	6	Pbcor6/38	0.0294	0.0009	0.2230	0.0320	0.0547	0.0078	187	6	200	27	399	320	99	13	1141	8.5	2218	445900	Below LOD	2.17	0.052	1.05	2.89	0.22	28.20	12.41	176.1	71.1	363.0	75.2	660.0	130.7	12060	0.59	51.5	250.0	0.21	7.42	33.61	36.81	S
178-1096B_99	105	2	Pbcor6/38	0.0166	0.0003	0.1203	0.0120	0.0524	0.0051	106	2	115	11	302	222	99	9	307	Below LOD	898	444900	Below LOD	19.70	Below LOD	0.33	1.35	0.36	8.91	3.68	57.1	26.2	156.1	39.2	423.0	110.3	14380	1.43	474.0	1551.0	0.31	19.32	15.36	9.90	
178-1096B_101	272	12	6/38	0.0432	0.0019	0.3150	0.0610	0.0570	0.0110	272	12	269	48	491	426	101	19	202	9.4	539	457200	Below LOD	19.03	0.135	1.80	3.49	0.67	15.20	4.54	50.6	17.4	79.2	16.4	146.0	30.6	10660	0.46	67.0	84.0	0.80	6.05	8.98	6.52	
178-1096B_104	237	10	6/38	0.0374	0.0016	0.2770	0.0900	0.0520	0.0170	237	10	234	70	284	748	101	31	265	9.9	1034	434100	Below LOD	3.80	0.065	2.30	4.86	0.68	25.20	7.94	97.4	35.0	160.4	30.5	258.0	51.9	9170	0.89	37.0	78.1	0.47	5.33	15.96	8.55	

178-10968_105	244	3	Pbcor6/38	0.0386	0.0005	0.2650	0.0260	0.0499	0.0045	244	3	237	20	189	210	100	9	168	4.6	903	458200	Below LOD	33.20	0.082	1.17	3.10	1.04	15.00	5.13	67.7	27.6	147.6	32.8	335.0	76.2	10980	1.21	348.0	651.0	0.53	11.26	15.28	5.42
178-10968_107	263	5	Pbcor6/38	0.0419	0.0009	0.3270	0.0380	0.0564	0.0064	265	5	283	29	483	248	100	10	195	5.5	912	454700	Below LOD	34.16	0.079	1.12	2.39	0.93	16.00	5.09	68.4	28.3	148.0	33.0	315.5	69.2	9700	1.29	199.3	255.8	0.78	9.97	15.28	6.29
178-10968_109	91	3	6/38	0.0143	0.0005	0.1190	0.0180	0.0453	0.0068	91	3	112	16	0	329	81	12	296	4.2	910	458200	Below LOD	13.90	0.077	0.98	2.43	0.88	18.00	5.40	72.0	27.8	145.0	32.7	335.0	79.4	11780	0.77	188.0	493.0	0.38	11.03	14.93	9.55
178-10968_112	109	3	Pbcor6/38	0.0172	0.0004	0.1260	0.0180	0.0537	0.0075	110	3	119	16	357	316	101	11	131	Below LOD	677	451500	0.058	18.95	0.091	1.15	2.44	0.74	10.30	3.43	45.2	19.4	109.5	27.6	302.2	77.5	13690	0.54	370.0	523.0	0.71	11.67	4.23
178-10968_114	534	13	Pbcor6/38	0.0874	0.0020	0.8640	0.0970	0.0687	0.0075	543	13	620	55	889	226	96	8	280	15.1	359	440500	Below LOD	2.32	0.123	2.06	4.33	0.34	20.30	5.01	44.4	12.2	42.4	7.4	55.6	10.0	11210	0.21	47.8	165.6	0.29	2.25	5.65	9.03
178-10968_115rim	270	5	Pbcor6/38	0.0428	0.0009	0.2780	0.0390	0.0508	0.0067	270	5	248	31	231	304	107	14	291	Below LOD	774	485000	Below LOD	1.78	Below LOD	0.20	0.13	3.00	2.46	43.9	24.1	152.4	41.9	476.0	107.6	14680	6.10	17.9	976.0	0.02	24.51	12.90	9.39
178-10968_115core	756	7	Pbcor6/38	0.1248	0.0012	1.2200	0.1000	0.0665	0.0052	758	7	807	48	821	163	95	6	114	Below LOD	466	424000	Below LOD	5.83	0.089	0.44	1.05	Below LOD	8.60	2.79	38.6	15.7	79.0	16.6	155.4	32.9	10307	1.03	86.6	527.4	0.16	8.53	7.38	3.68
178-10968_116	91	6	Pbcor6/38	0.0144	0.0010	0.1130	0.0350	0.0580	0.0190	92	6	101	31	529	718	102	29	298	7.4	1042	453300	Below LOD	18.78	0.072	1.44	3.27	0.88	19.60	6.56	84.7	34.0	169.2	36.0	332.0	71.0	9480	0.62	78.5	83.6	0.94	8.38	16.71	9.61
178-10968_117	305	3	6/38	0.0164	0.0005	0.1100	0.0200	0.0518	0.0093	105	3	104	18	276	412	101	18	252	5.8	1180	467900	0.470	29.40	0.275	3.17	5.70	1.30	21.00	7.31	87.1	36.3	190.0	42.2	428.0	99.1	11270	1.00	506.0	513.0	0.99	11.38	19.51	8.13
178-10968_118	617	9	Pbcor6/38	0.1008	0.0014	0.8900	0.0810	0.0637	0.0055	619	9	640	43	731	183	99	7	146	7.0	327	447000	Below LOD	9.36	0.033	0.73	2.24	0.36	9.87	2.88	31.7	10.5	47.9	9.4	80.2	16.1	9820	0.46	84.9	244.4	0.35	5.09	5.33	4.71
178-10968_120	180	8	6/38	0.0284	0.0013	0.1930	0.0420	0.0500	0.0130	180	8	170	36	370	542	106	23	722	12.0	1607	435800	Below LOD	4.86	0.094	1.93	4.61	0.40	31.50	11.25	141.9	53.8	254.3	49.8	432.0	84.9	10520	0.44	69.7	107.9	0.65	5.98	24.61	23.29
178-10968_121	102	3	Pbcor6/38	0.0160	0.0005	0.1070	0.0180	0.0487	0.0081	102	3	101	16	132	392	100	16	161	6.6	577	446400	0.049	13.80	0.074	0.65	1.41	0.48	8.27	2.86	40.4	17.0	94.9	23.2	240.0	58.7	10360	0.88	157.8	294.7	0.54	14.53	9.72	5.19

178-1096B_447	56	2	Pbcor6/38	0.0088	0.0004	0.0540	0.0120	0.0450	0.0098	56	2	53	11	0	512	100	22	408	Below LOD	1973	473200	Below LOD	29.30	Below LOD	1.80
178-1096B_448	116	4	Pbcor6/38	0.0184	0.0007	0.1630	0.0350	0.0600	0.0130	118	4	145	30	603	468	92	17	223	Below LOD	496	455600	Below LOD	11.74	Below LOD	0.65
178-1096B_449	134	6	Pbcor6/38	0.0212	0.0009	0.1600	0.0330	0.0580	0.0130	135	6	148	30	529	492	107	19	146	7.1	766	444900	Below LOD	13.60	0.170	3.01
178-1096B_450	141	6	Pbcor6/38	0.0221	0.0010	0.1460	0.0270	0.0497	0.0098	141	6	134	24	180	460	103	19	127	Below LOD	364	451000	Below LOD	12.90	Below LOD	0.39
178-1096B_451	582	19	Pbcor6/38	0.0943	0.0032	0.7500	0.1000	0.0585	0.0086	580	19	545	63	548	322	101	13	74	Below LOD	194	453500	Below LOD	0.16	Below LOD	Below LOD
178-1096B_452	112	10	6/38	0.0175	0.0016	0.1680	0.0660	0.0700	0.0310	112	10	133	56	927	910	84	36	180	3.8	471	450000	0.059	12.49	0.074	0.61
178-1096B_453	138	7	Pbcor6/38	0.0218	0.0011	0.1610	0.0460	0.0530	0.0160	139	7	144	41	328	686	99	28	236	3.7	800	446600	Below LOD	15.11	0.154	2.34
178-1096B_454	136	6	Pbcor6/38	0.0216	0.0009	0.1700	0.0260	0.0579	0.0089	138	6	157	22	525	338	101	13	162	5.6	970	469900	Below LOD	28.30	0.147	2.36
178-1096B_456	101	5	Pbcor6/38	0.0159	0.0007	0.1190	0.0320	0.0560	0.0160	102	5	108	28	451	634	103	25	106	Below LOD	403	450600	Below LOD	28.70	Below LOD	0.32
178-1096B_457	460	11	Pbcor6/38	0.0739	0.0018	0.5660	0.0550	0.0564	0.0053	460	11	445	35	467	208	101	8	796	9.6	1710	447500	Below LOD	1.67	Below LOD	0.63
178-1096B_458	99	6	6/38	0.0155	0.0009	0.1100	0.0250	0.0580	0.0140	99	6	102	23	529	528	97	23	313	5.0	864	458500	Below LOD	13.34	0.075	1.33
178-1096B_459	564	16	Pbcor6/38	0.0914	0.0028	0.7370	0.0820	0.0591	0.0068	564	16	557	45	570	250	101	9	1280	5.8	954	450100	0.161	10.37	0.209	1.57
178-1096B_461	122	4	Pbcor6/38	0.0193	0.0007	0.1510	0.0200	0.0568	0.0076	123	4	140	18	483	296	100	12	134	3.3	577	448300	Below LOD	21.60	Below LOD	Below LOD
178-1096B_462	124	3	Pbcor6/38	0.0196	0.0004	0.1540	0.0140	0.0571	0.0054	125	3	144	12	494	208	100	7	965	2.8	2611	445200	Below LOD	16.07	Below LOD	0.52
178-1096B_464	440	12	Pbcor6/38	0.0712	0.0020	0.6100	0.0710	0.0628	0.0079	443	12	478	44	701	268	101	9	439	7.0	2062	431300	0.190	24.00	0.257	3.20
178-1096B_466	126	5	6/38	0.0198	0.0008	0.1420	0.0290	0.0504	0.0097	126	5	129	26	212	446	98	20	185	Below LOD	480	452300	Below LOD	9.30	Below LOD	Below LOD
178-1096B_467	127	6	Pbcor6/38	0.0201	0.0009	0.1470	0.0250	0.0552	0.0097	128	6	139	23	419	392	104	16	94	Below LOD	459	455000	Below LOD	17.70	0.060	0.46
178-1096B_468	240	6	Pbcor6/38	0.0380	0.0010	0.2730	0.0290	0.0521	0.0055	241	6	242	23	289	242	100	10	225	2.7	866	447000	0.360	36.20	0.208	1.22
178-1096B_469	718	15	Pbcor6/38	0.1190	0.0026	1.1550	0.0910	0.0721	0.0058	724	15	768	43	988	164	102	6	413	10.2	1111	445300	Below LOD	14.90	0.095	1.24
178-1096B_470	549	14	6/38	0.0890	0.0024	0.7180	0.0510	0.0580	0.0041	549	14	549	28	529	155	100	6	1284	10.9	2810	445900	Below LOD	3.37	0.092	2.62
178-1096B_471	25	2	Pbcor6/38	0.0039	0.0002	0.0287	0.0095	0.0570	0.0180	25	2	28	9	491	696	108	30	462	7.9	1717	454700	Below LOD	3.78	0.065	1.22
178-1096B_472	1141	82	7/6	0.1699	0.0027	1.8140	0.0740	0.0778	0.0032	1011	15	1048	26	1141	82	96	3	770	21.0	2958	422000	2.700	26.10	1.370	9.70
178-1096B_476	107	3	6/38	0.0167	0.0005	0.1100	0.0140	0.0494	0.0064	107	3	105	13	166	302	102	13	205	Below LOD	798	455600	Below LOD	13.51	0.111	1.73
178-1096B_477	180	6	Pbcor6/38	0.0284	0.0009	0.2100	0.0290	0.0517	0.0071	181	6	188	24	271	314	97	13	279	4.1	1160	451900	Below LOD	4.32	0.049	1.92
178-1096B_478	81	5	6/38	0.0126	0.0008	0.0630	0.0280	0.0500	0.0220	81	5	61	27	194	1022	132	59	307	11.2	809	461800	Below LOD	17.70	0.117	2.18
178-1096B_479	64	4	6/38	0.0099	0.0006	0.0770	0.0180	0.0620	0.0150	64	4	73	17	673	518	87	21	240	Below LOD	1330	456800	Below LOD	18.70	0.058	1.50
178-1099B-1	59	2	Pbcor6/38	0.0093	0.0004	0.0698	0.0099	0.0550	0.0086	59	2	68	9	411	350	101	12	273	8.5	1359	447800	0.032	11.17	0.073	1.16
178-1099B-2	86	3	Pbcor6/38	0.0135	0.0005	0.1010	0.0091	0.0519	0.0048	86	3	97	8	280	212	95	8	331	6.6	1720	443600	0.010	8.65	0.128	2.07
178-1099B-3	91	4	Pbcor6/38	0.0142	0.0006	0.0910	0.0140	0.0447	0.0070	91	4	87	13	0	350	97	16	439	15.8	2080	421000	0.024	12.40	0.276	4.69
178-1099B-6	82	4	Pbcor6/38	0.0128	0.0006	0.0780	0.0120	0.0428	0.0069	82	4	75	12	0	353	97	18	263	14.9	1741	440900	0.015	9.78	0.195	3.68
178-1099B-9	86	3	6/38	0.0134	0.0005	0.0887	0.0085	0.0469	0.0045	86	3	86	8	43	229	100	10	279	14.1	1840	457200	0.031	13.28	0.345	5.03
178-1099B-10	75	2	6/38	0.0117	0.0004	0.0773	0.0055	0.0470	0.0034	75	2	75	5	48	173	100	8	398	8.5	2761	443400	0.021	19.10	0.304	5.21
178-1099B-11	65	2	Pbcor6/38	0.0102	0.0004	0.0770	0.0082	0.0554	0.0062	65	2	75	8	427	250	101	9	910	12.5	1768	455000	4.700	19.00	1.990	11.60
178-1099B-13	59	3	Pbcor6/38	0.0092	0.0004	0.0530	0.0100	0.0432	0.0089	59	3	52	10	0	495	103	22	265	10.3	762	453300	Below LOD	6.20	0.025	0.47
178-1099B-14	61	3	Pbcor6/38	0.0097	0.0005	0.0770	0.0120	0.0575	0.0084	62	3	75	11	510	322	100	13	445	10.4	905	471900	Below LOD	5.91	0.027	0.61
178-1099B-16	64	3	Pbcor6/38	0.0099	0.0004	0.0577	0.0060	0.0431	0.0045	64	3	57	6	0	221	102	12	212	5.4	1083	456200	Below LOD	10.54	0.069	1.34
178-1099B-19	34	2	6/38	0.0052	0.0003	0.0353	0.0056	0.0527	0.0089	34	2	35	6	315	384	96	16	384	4.7	963	448700	Below LOD	9.67	0.051	1.31
178-1099B-20	65	3	Pbcor6/38	0.0101	0.0005	0.0596	0.0096	0.0453	0.0076	65	3	58	9	0	368	105	18	232	4.8	876	441000	Below LOD	6.93	0.022	0.62
178-1099B-24	69	3	6/38	0.0107	0.0005	0.0761	0.0089	0.0555	0.0071	69	3	74	8	431	286	93	11	218	8.2	809	440900	Below LOD	7.64	0.021	0.57
178-1099B-26	604	19	Pbcor6/38	0.0981	0.0033	0.7580	0.0630	0.0585	0.0049	603	19	562	37	548	183	103	8	193	20.2	302	439300	Below LOD	12.55	0.082	1.30
178-1099B-27	19	1	Pbcor6/38	0.0030	0.0001	0.0193	0.0035	0.0474	0.0085	19	1	19	4	68	427	101	19	283	10.0	1663	447600	0.010	15.08	0.190	3.73
178-1099B-28	66	2	Pbcor6/38	0.0103	0.0003	0.0601	0.0063	0.0435	0.0045	66	2	59	6	0	250	103	12	290	7.2	1990	443100	0.005	13.30	0.184	3.04
178-1099B-29	54	2	Pbcor6/38	0.0084	0.0003	0.0586	0.0072	0.0520	0.0066	54	2	58	7	284	290	103	12	255	8.5	1248	455900	0.368	12.34	0.303	2.33
178-1099B-32	58	2	Pbcor6/38	0.0091	0.0003	0.0642	0.0078	0.0493	0.0055	59	2	63	7	161	260	96	11	160	2.9	950	449400	Below LOD	12.30	0.050	1.08
178-1099B-33	44	2	6/38	0.0069	0.0003	0.0449	0.0056	0.0481	0.0065	44	2	44	5	103	320	100	13	297	11.7	1201	441100	0.057	16.92	0.156	2.96
178-1099B-34	70	2	Pbcor6/38	0.0109	0.0004	0.0702	0.0057	0.0460	0.0040	70	2	69	5	0	216	99	9	410	12.1	2590	446600	0.029	14.30	0.289	4.86
178-1099B-35	84	3	Pbcor6/38	0.0132	0.0004	0.0942	0.0093	0.0513	0.0054	85	3	91	9	253	242	99	9	299	7.0	965	459200	Below LOD	6.00	0.038	0.95
178-1099B-36	56	3	Pbcor6/38	0.0087	0.0004	0.0617	0.0082	0.0503	0.0061	56	3	62	8	208	282	98	13	223	8.1	1156	442600	Below LOD	13.32	0.136	2.78
178-1099B-37	58	3	Pbcor6/38	0.0091	0.0004	0.0622	0.0085	0.0486	0.0068	58	3	62	9	128	330	98	13	223	16.6	1156	452000	0.017	14.30	0.288	4.59
178-1099B-38	45	2	Pbcor6/38	0.0070	0.0003	0.0482	0.0081	0.0480	0.0081	45	2	47	8	98	399	96	16	233	9.2	669	463000	Below LOD	11.17	0.026	0.64
178-1099B-39	72	3	Pbcor6/38	0.0113	0.0005	0.0920	0.0140	0.0559	0.0085	73	3	88	13	447	338	94	13	199	11.2	676	449900	Below LOD	6.57	0.021	0.54
178-1099B-40	58	2	Pbcor6/38	0.0091	0.0004	0.0625	0.0089	0.0487	0.0070	58	2	61	9	132	338	97	14	542	13.4	3181	433500	0.023	17.90	0.167	3.69
178-1099B-41	58	3	Pbcor6/38	0.0091	0.0004	0.0666	0.0098	0.0538	0.0080	58	3	66	10	362	336	101	13	339	10.5	1645	444100	0.011	6.41	0.118	2.31
178-1099B-42	61	2	Pbcor6/38	0.0096	0.0003	0.0713	0.0066	0.0521	0.0049	62	2	70	6	289	214	96	8	302	19.3	2083	450200	0.028	4.63	0.279	4.03
178-1099B-43	132	4	Pbcor6/38	0.0208	0.0007	0.1548	0.0093	0.0516	0.0034	133	4	146	8	267	151	96	6	363	2.9	1860	479400	Below LOD	9.97	0.077	1.62
178-1099B-45	61	2	Pbcor6/38	0.0096	0.0004	0.0660	0.0068	0.0495	0.0054	62	2	65	7	171	254	99	10	294	11.1	1547	441400	0.017	13.07	0.221	3.89
178-1099B-46	61	3	Pbcor6/38	0.0096	0.0004	0.0710	0.0099	0.0518	0.0068	62	3	69	9	276	300	96	13	167	6.4	584	446300	0.001	6.28	0.020	0.51
178-1099B-47	65	3	Pbcor6/38	0.0102	0.0005	0.0710	0.0140	0.0510	0.0100	65	3	68	13	240	452	101	19	251	14.3	648	460900	Below LOD	7.31	0.025	0.47
178-1099B-48	49	2	6/38	0.0076	0.0003	0.0481	0.0067	0.0445	0.0064	49	2	47	7	0	315	103	15	175	7.6	446	461800	Below LOD	9.05	0.033	0.55
178-1099B-49	72	3	Pbcor6/38	0.0112	0.0005	0.0779	0.0070	0.0489	0.0042	72	3	76	7	142	202	97	9	394	8.7	1423	430800	Below LOD	14.70	0.043	0.99
178-1099B-50	46	2	Pbcor6/38	0.0073	0.0003	0.0510	0.0052	0.0503	0.0053	47	2	50	5	208	244	99	10	251	16.1	765	452800	0.022	13.21	0.041	0.76
178-1099B-51	69	4	Pbcor6/38	0.0108	0.0006	0.0800	0.0140	0.0540	0.0100	69	4	78	13	370	418	101	16	306	8.8	1191	477400	0.070	10.21	0.109	2.06
178-1099B-53	52	2	Pbcor6/38	0.0081	0.0003	0.0573	0.0049	0.0528	0.0050	52	2	56	5	319	216	103	8	148	5.6	565	447700	Below LOD	11.93	0.027	0.60
178-1099B-54	60	2	Pbcor6/38	0.0093	0.0003	0.0595	0.0050	0.0467	0.0038	60	2	59	5	33	195	101	9	393	6.2	2396	433600	0.003	19.44	0.154	3.12
178-1099B-55	60	2	6/38	0.0094	0.0003	0.0604	0.0048	0.0464	0.0038	60	2	60	5	17	197	101	8	140	3.2	570	475800	Below LOD	6.91	0.016	0.56
178-1099B-56	43	2	Pbcor6/38	0.0068	0.0002	0.0498	0.0046	0.0527	0.0049	44	2	49	5	315	212	99	9	92	1.5	178	486200	0.230	4.87	0.021	0.13
178-1099B-58	44	2	Pbcor6/38	0.0068	0.0003	0.0396	0.0046	0.0429	0.0051	44	2	39	5	0	269	102	13	267	11.4	1369	451000	Below LOD	21.38	0.175	3.66
178-1099B-59	49	2	Pbcor6/38	0.0078	0.0003	0.0632	0.0065	0.0584	0.0061	50	2	62	6	544	228	99	9	297	7.6	1663	433400	0.008	18.60	0.135	2.98
178-1099B-60	68	2	Pbcor6/38	0.0106	0.0004	0.0600	0.0088	0.0408	0.0060	68	2	59	8	0	310	99	17	293	11.0	1541	446800	0.010	10.71	0.167	2.84
178-1099B-61	42	1	Pbcor6/38	0.0066	0.0002	0.0507	0.0039	0.0557	0.0042	42	1	50	4	439	168	100	7	965	8.8	4290	456000	6.800	60.50	2.620	18.80
178-1099B-62	56	2	Pbcor6/38	0.0087	0.0003	0.0546	0.0067	0.0470	0.0061	56	2	54	6	48	310	103	13	391	7.2	2680	436200	Below LOD	14.73	0.202	3.62
178-1099B-64	49	2	Pbcor6/38	0.0077	0.0004	0.0590	0.0100	0.0600	0.0110	49	2	60	11	603	396	110	16	482	11.3	806	426900	1.070	11.21	0.423	3.22
178-1099B-65	63	3	Pbcor6/38	0.0099	0.0005	0.0760	0.0110	0.0556	0.0080	64	3	74	10	435	320	100	12	269	6.0	1345	453500	0.010	11.60	0.054	1.09
178-1099B-67	61	3	6/38	0.0095	0.0004	0.0640	0.0110	0.0499	0.0084	61	3	62	10	189	392	98	16	266	9.1	990	451600	0.001	8.45	0.020	0.67
178-1099B-68	62	2	Pbcor6/38	0.0097	0.0004	0.0609	0.0067	0.0466	0.0054	62	2	60	6	28	278	102	12	286	8.5	1728	444300	0.013	14.55	0.210	3.45
178-1099B-69	56	3	Pbcor6/38	0.0088	0.0004	0.0624	0.0091	0.0518	0.0077	57	3	61	9	276	340	101	14	319	12.3	1297	430500	Below LOD	8.37	0.125	2.11
178-1099B-70	123	5	Pbcor6/38	0.0194	0.0008	0.1380	0.0190	0.0540	0.0081	124	5	131	17	370	338	105	13	184	3.0	294	403600	0.000	1.71	0.010	0.22
178-1099B-71	58	2	Pbcor6/38	0.0091	0.0004	0.0662	0.0091	0.0538	0.0077	58	2	65	9	362	322	102	13	293	10.4	1466	442300	0.036	10.65	0.127	2.52
178-1099B-72	71	3	Pbcor6/38	0.0111	0.0005	0.0770	0.0130	0.0496	0.0079	71	3	75	12	175	372	98	16	170	4.5	580	472700	Below LOD	8.60	0.019	0.47
178-1099B-73	51	2	Pbcor6/38	0.0081	0.0003	0.0670	0.0110	0.0598	0.0090	52	2	65	10	595	326	100	12	257	4.3	596	432000	0.086	11.50	0.030	0.35
178-1099B-74	58	3	Pbcor6/38	0.0090	0.0004	0.0610	0.0096	0.0491	0.0075	58	3	59	9	152	358	100	15	349	14.8	1621	442500	0.011	9.99	0.235	3.65
178-1099B-75	66	3	Pbcor6/38	0.0103	0.0004	0.0650	0.0056	0.0459	0.0039	66	3	64	5	0	194	101	10	243	5.1	1244	442200	0.000	10.22	0.050	0.96
178-1099B-76	83	3	Pbcor6/38	0.0130	0.0005	0.0850	0.0110	0.0472	0.0062	83	3	82	10	58	313	99	13	403	5.8	1493	437700	0.009	8.15	0.064	1.15
178-1099B-78	63	3	Pbcor6/38	0.0098	0.0004	0.0713	0.0098	0.0521	0.0073	63	3	69	9	289	320	99	13	207	9.2	705	450300	0.013	6.46	0.035	0.68
178-1099B-79	67	3	Pbcor6/38	0.0104	0.0004	0.0709	0.0071	0.0502	0.0054	67	3	69	7	203	250	102	10	290	9.3	1350	442900	0.015	16.40	0.163	2.49
178-1099B-82	34	1	Pbcor6/38	0.0052	0.0002	0.0304	0.0059	0.0427	0.0082	33	1	30	6	0	435	101	22	374	5.5	1069	443600	Below LOD	10.10	0.048	0.87
178-1099B-84	1030	85	7/6	0.1612	0.0050	1.6380	0.0640	0.0736	0.0031	963	27	982	25	1030	85	98	4	627	4.8	1788	426600	0.660	54.40	0.343	3.60
178-1099B-87	54	2	Pbcor6/38	0.0085	0.0003	0.0566	0.0049	0.0497	0.0048	54	2	56	5	180	226	102	9	231	7.5	1505	451200	0.020	9.23	0.277	4.61
178-1099B-88	52	2	Pbcor6/38	0.0080	0.0004	0.0463	0.0091	0.0404	0.0075	52	2	45	9	0	422	97	22	263	17.2	598	445900	Below LOD	7.49	0.058	1.04
178-1099B-90	58	3	Pbcor6/38	0.0091	0.0004	0.0551	0.0072	0.0434	0.0059	58	3	54	7	0	320	99	15	220	7.4	475	448900	Below LOD	6.81	0.032	0.48
178-1099B-92	51	2	Pbcor6/38	0.0081	0.0004	0.0690	0.0120	0.0610	0.0110	52	2	67	11	638	388	99	13	183	8.2	584	439100	Below LOD	7.73	0.039	0.69
178-1099B-95	67	2	Pbcor6/38	0.0104	0.0004	0.0736	0.0085	0.0496	0.0061	67	2	72	8	175	286	97	11	299	9.6	1362	442600	Below LOD	10.53	0.089	1.81
178-1099B-97	65	3	Pbcor6/38	0.0101	0.0005	0.0620	0.0120	0.0409	0.0080	65	3	60	12	0	393	93	22	277	15.2	709	412800	0.001	6.17	0.056	0.91
178-1099B-98	63	2	6/38	0.0098	0.0004	0.0700	0.0100	0.0468	0.0065	63	2	68	10	38	332	92	14	314	12.5	1801	445300	0.016	10.44	0.169	3.31
178-1099B-100	75	3	Pbcor6/38	0.0118	0.0004	0.0852	0.0089	0.0493	0.0055	75	3	83	8	161	260	94	10	287	12.6	1531	444600	0.013	10.43	0.182	3.16
178-1099B-101	68	3	6/38	0.0107	0.0004	0.0735	0.0068	0.0463	0.0044	68	3	72	6	12	229	95	9	378	7.7	1752	437200	0.007	13.04	0.106	2.65
178-1099B-102	65	2	Pbcor6/38	0.0101	0.0003	0.0750	0.0061	0.0496	0.0041	65	2	73	6	175	193	92	8	399	23.6	1919	446800	0.025	7.17	0.249	4.16
178-1099B-104	81	2	Pbcor6/38	0.0127	0.0003	0.0892	0.0030	0.0481	0.0018	81	2	87	3	103	88	94	4	1859	3.2	4120	409700	0.244	28.43	0.417	3.38
178-1099B-105	60	3	Pbcor6/38	0.0094	0.0004	0.0720	0.0120	0.0550	0.0100	60	3	69	11	411	406	98	14	318	10.7	1442	435800	0.006	10.93	0.114	2.17
178-1099B-106	60	2	6/38	0.0094	0.0003	0.0637	0.0081	0.0462	0.0061	60	2	62	8	7	318	97	12	350	9.9	1810	455900	0.009	14.53	0.159	3.07
178-1099B-107	89	3	Pbcor6/38	0.0142	0.0005	0.1280	0.0160	0.0612	0.0079	91	3	121	14	645	278	92	9	249	27.2	894	445400	0.087	7.08	0.155	2.29
178-1099B-108	54	2	6/38	0.0084	0.0003	0.0556	0.0049	0.0449	0.0040	54	2	55	5	0	212	99	9	169	6.6	810	448000	0.010	7.40	0.123	1.75
178-1099B-109	43	1	6/38	0.0067	0.0002	0.0454	0.0021	0.0462	0.0022	43	1	45	2	7	115	96	5	573	3.2	1920	433800	Below LOD	20.84	0.057	1.22
178-1099B-110	20	1	Pbcor6/38	0.0031	0.0001	0.0256	0.0036	0.0570	0.0083	20	1	26	4	491	322	96	12	364	7.0	2690	450000	0.020	13.50	0.206	3.79
178-1099B-111	73	3	6/38	0.0114	0.0004	0.0774	0.0059	0.0476	0.0039	73	3	75	6	78	195	97	8	328	10.3	2340	444300	0.017	14.90	0.266	4.80
178-1099B-115	22	1	Pbcor6/38	0.0034	0.0002	0.0244	0.0043	0.0526	0.0100	22	1	24	4	311	432	102	16	161	5.0	850	442500	Below LOD	6.67	0.089	1.48
178-1099B-116	54	2	6/38	0.0085	0.0002	0.0562	0.0035	0.0461	0.0029	54	2	55	3	2	152	98	7	390	3.2	1363	447100	Below LOD	15.16	0.034	0.63
178-1099B-117	52	2	6/38	0.0081	0.0003	0.0543	0.0063	0.0469	0.0058	52	2	53	6	43	296	97	12	271	11.6	1478	435000	0.013	15.29	0.275	4.42
178-1099B-118	67	2	6/38	0.0105	0.0003	0.0724	0.0044	0.0474	0.0029	67	2	71	4	68	146	94	6	578	9.4	5130	457600	0.062	52.90	0.749	11.95
178-1099B-119	65	2	Pbcor6/38	0.0103	0.0004	0.0751	0.0077	0.0535	0.0063	66	2	73	7	349	266	101	9	319	14.6	1825	460300	0.020	10.92	0.205	3.70
178-1099B-120	55	3	6/38	0.0086	0.0004	0.0620	0.0130	0.0479	0.0093	55	3	60	12	93	460	92	19	217	11.0	504	480700	0.010	8.24	0.029	0.36
178-1099B-121	50	2	6/38	0.0078	0.0003	0.0536	0.0050	0.0465	0.0043	50	2	53	5	23	222	95	9	348	2.9	944	450800	Below LOD	11.32	0.028	0.45
178-1099B-122	71	3	Pbcor6/38	0.0111	0.0005	0.0774	0.0086	0.0487	0.0058	71	3	75	8	132	280	96	11	237	5.1	1350	424100	Below LOD	15.20	0.096	1.75
178-1099B-123	58	3	Pbcor6/38	0.0091	0.0004	0.0650	0.0120	0.0510	0.0100	58	3	63	11	240	452	98	17	341	5.4	1800	447000	0.001	10.36	0.089	2.01
178-1099B-124	59	2	Pbcor6/38	0.0092	0.0003	0.0667	0.0028	0.0495	0.0021	59	2	66	3	171	99	94	5	187	3.8	1023	441500	0.020	10.33	0.085	1.36
178-1099B-125	93	4	6/38	0.0146	0.0006	0.0940	0.0120	0.0447	0.0058	93	4	91	11	0	290	103	13	261	5.7	1050	448700	Below LOD	11.82	0.026	0.71
178-1099B-126	73	3	Pbcor6/38	0.0114	0.0004	0.0824	0.0082	0.0500	0.0051	73	3	80	8	194	238	95	9	265	4.7	790	439300	0.016	15.80	0.030	0.39
178-1099B-128	139	5	6/38	0.0218	0.0007	0.1510	0.0110	0.0486	0.0039	139	5	143	10	128	189	97	7	976	2.2	959	410900	4.350	20.10	2.050	10.70
178-1099B-129	62	2	6/38	0.0097	0.0003	0.0638	0.0057	0.0452	0.0043	62	2	63	6	0	238	99	9	229	7.1	1638	450100	0.017	10.10	0.237	3.81
178-1099B-130	116	4	Pbcor6/38	0.0182	0.0007	0.1326	0.0089	0.0495	0.0030	116	4	128	9	171	142	94	7	332	3.7	1630	448200	0.019	11.24	0.119	2.38
178-1099B-132	55	2	Pbcor6/38	0.0086	0.0003	0.0628	0.0060	0.0504	0.0050	55	2	62	6	212	230	95	9	230	9.6	621	452300	0.010	6.14	0.044	0.74
178-1099B-133	177	6	6/38	0.0278	0.0010	0.1930	0.0190	0.0489	0.0049	177	6	178	16	142	236	99	10	560	2.7	627	421800	1.470	12.30	0.680	3.63
178-1099B-134	50	2	Pbcor6/38	0.0078	0.0003	0.0572	0.0064	0.0503	0.0055	50	2	56	6	208	254	94	10	201	6.4	1010	457300	0.322	9.97	0.224	2.77
178-1099B-135	49	2	Pbcor6/38	0.0076	0.0003	0.0524	0.0061	0.0473	0.0057	49	2	52	6	63	287	94	11	119	2.4	320	447200	0.001	8.97	0.004	0.13
178-1099B-139	44	2	Pbcor6/38	0.0070	0.0003	0.0517	0.0097	0.0517	0.0098	45	2	51	9	271	434	95	17	259	9.2	1262	451700	Below LOD	18.40	0.122	2.33
178-1099B-140	48	1	Pbcor6/38	0.0074	0.0002	0.0520	0.0020	0.0485	0.0019	48	1	52	2	123	92	95	4	283	12.6	1082	448700	0.042	17.89	0.034	0.53
178-1099B-142	61	2	Pbcor6/38	0.0095	0.0003	0.0684	0.0070	0.0499	0.0051	61	2	67	7	189	238	95	9	321	15.9	1919	456300	0.048	12.50	0.389	5.72
178-1099B-143	54	3	Pbcor6/38	0.0085	0.0004	0.0610	0.0110	0.0508	0.0093	55	3	60	11	231	422	98	17	446	8.7	1930	424600	0.120	7.83	0.173	3.14
178-1099B-145	69	3	Pbcor6/38	0.0107	0.0005	0.0700	0.0110	0.0472	0.0079	69	3	68	10	58	399	100	16	295	7.4	1630	427200	Below LOD	10.21	0.062	1.67
178-1099B-146	20	1	Pbcor6/38	0.0032	0.0001	0.0235	0.0038	0.0513	0.0081	20	1	24	4	253	364	95	14	536	8.4	2746	443300	0.076	25.36	0.296	4.62
178-1099B-147	20	1	Pbcor6/38	0.0030	0.0002	0.0205	0.0029	0.0477	0.0066	20	1	21	3	83	328	97	14	126	4.0	544	449100	Below LOD	7.52	0.093	1.40
178-1099B-148	47	2	6/38	0.0073	0.0003	0.0496	0.0051	0.0471	0.0049	47	2	49	5	53	248	95	10	250	7.4	1039	464300	Below LOD	15.40	0.043	1.08
178-1099B-150	21	1	Pbcor6/38	0.0032	0.0002	0.0266	0.0046	0.0580	0.0100	21	1	27	5	529	378	97	14	1950	5.9	1025	439500	5.600	30.40	1.920	8.40
178-1099B-151	56	2	Pbcor6/38	0.0087	0.0003	0.0596	0.0031	0.0487	0.0027	56	2	59	3	132	130	98	6	213	3.2	1440	448200	Below LOD	10.45	0.088	2.21
178-1099B-153	138	5	Pbcor6/38	0.0218	0.0008	0.1620	0.0140	0.0540	0.0051	139	5	152	12	370	212	100	8	336	5.8	1574	480200	0.066	8.60	0.092	1.80
178-1099B-154	121	4	Pbcor6/38	0.0190	0.0006	0.1317	0.0069	0.0501	0.0028	121	4	125	6	199	130	99	6	1070	2.2	1520	443000	2.900	23.20	1.820	9.90
178-1099B-155	58	2	Pbcor6/38	0.0091	0.0004	0.0695	0.0073	0.0557	0.0065	59	2	68	7	439	260	101	9	247	12.6	1319	447800	0.017	7.13	0.211	3.52
178-1099B-156	56	2	Pbcor6/38	0.0087	0.0003	0.0518	0.0051	0.0431	0.0042	56	2	51	5	0	206	100	11	298	6.9	1860	449600	0.011	12.07	0.129	2.68
178-1099B-157	68	2	6/38	0.0105	0.0004	0.0694	0.0074	0.0482	0.0053	68	2	68	7	108	260	100	11	303	8.6	1674	441000	0.001	13.54	0.162	3.20
178-1099B-158	58	2	Pbcor6/38	0.0091	0.0004	0.0618	0.0086	0.0502	0.0071	59	2	60	8	203	328	102	13	348	8.4	1645	435000	0.007	10.70	0.069	1.61
178-1099B-159	69	3	Pbcor6/38	0.0108	0.0004	0.0693	0.0097	0.0474	0.0066	69	3	67	9	68	331	102	15	226	7.9	1115	446200	Below LOD	8.45	0.037	0.84
178-1099B-160	53	2	6/38	0.0082	0.0003	0.0535	0.0083	0.0487	0.0075	53	2	53	8	132	362	100	16	254	17.8	1395	441900	0.025	11.51	0.423	5.84
178-1099B-161	61	2	6/38	0.0095	0.0003	0.0638	0.0051	0.0506	0.0043	61	2	63	5	222	197	98	8	330	7.3	2054	451000	Below LOD	20.60	0.168	3.45
178-1099B-162	54	2	Pbcor6/38	0.0085	0.0003	0.0611	0.0068	0.0535	0.0062	54	2	60	7	349	262	102	10	345	7.3	1970	442500	0.217	13.15	0.307	3.42
178-1099B-164	22	1	6/38	0.0035	0.0002	0.0226	0.0041	0.0518	0.0096	22	1	23	4	276	424	100	19	332	6.0	1969	442100	0.006	14.98	0.146	2.88
178-1099B-165	116	5	Pbcor6/38	0.0182	0.0007	0.1160	0.0160	0.0473	0.0068	116	5	110	14	63	342	102	14	243	8.4	910	467400	0.013	8.23	0.055	0.98
178-1099B-166	19	1	Pbcor6/38	0.0030	0.0001	0.0181	0.0008	0.0452	0.0020	19	1	18	1	0	111	102	5	225	2.0	2390	436400	0.016	31.10	0.219	4.13
178-1099B-167	19	1	Pbcor6/38	0.0029	0.0001	0.0219	0.0031	0.0572	0.0082	19	1	22	3	498	316	106	13	262	4.9	1150	451100	Below LOD	32.40	0.079	1.38
178-1099B-169	57	3	Pbcor6/38	0.0089	0.0004	0.0497	0.0080	0.0432	0.0072	57	3	50	8	0	400	106	19	220	10.6	622	457000	Below LOD	6.47	0.024	0.51
178-1099B-170	24	1	Pbcor6/38	0.0037	0.0001	0.0246	0.0032	0.0508	0.0069	24	1	25	3	231	314	105	13	144	3.6	735	448900	0.009	8.92	0.086	1.39
178-1099B-171	68	2	Pbcor6/38	0.0106	0.0003	0.0681	0.0041	0.0473	0.0030	68	2	67	4	63	151	101	7	300	3.9	1716	449800	0.009	10.19	0.080	1.48
178-1099B-173	48	2	Pbcor6/38	0.0075	0.0003	0.0451	0.0064	0.0461	0.0069	48	2	45	6	2	361	106	16	138	4.1	663	448700	Below LOD	16.10	0.023	0.52
178-1099B-178	146	5	6/38	0.0230	0.0007	0.1521	0.0076	0.0494	0.0029	146	5	144	7	166	137	102	6	652	6.3	4400	437300	0.023	20.11	0.205	3.71
178-1099B-179	41	1	Pbcor6/38	0.0063	0.0002	0.0436	0.0063	0.0497	0.0071	41	1	43	6	180	332	100	14	191	6.2	772	451200	0.016	6.50	0.178	2.17
178-1099B-183	289	9	Pbcor6/38	0.0459	0.0014	0.3530	0.0230	0.0540	0.0031	289	9	306	17	370	129	97	6	560	9.6	933	477600	3.870	29.30	1.220	6.79
178-1099B-184	66	2	Pbcor6/38	0.0103	0.0004	0.0650	0.0056	0.0460	0.0041	66	2	64	5	0	222	100	9	187	7.9	936	452700	0.019	9.84	0.035	0.76
178-1099B-185	67	2	Pbcor6/38	0.0105	0.0003	0.0700	0.0048	0.0478	0.0031	67	2	69	5	88	154	99	7	369	6.1	2360	445500	0.013	25.30	0.191	3.47
178-1099B-186	57	2	Pbcor6/38	0.0090	0.0003	0.0645	0.0077	0.0525	0.0066	58	2	63	7	306	286	101	11	398	3.0	802	447400	0.001	5.06	0.021	0.47
178-1099B-189	66	2	Pbcor6/38	0.0103	0.0004	0.0719	0.0087	0.0498	0.0062	66	2	70	8	185	290	98	12	267	6.3	872	454200	Below LOD	10.22	0.018	0.50
178-1099B-190	569	17	Pbcor6/38	0.0920	0.0029	0.7350	0.0760	0.0571	0.0061	567	17	543	46	494	236	99	9	154	9.1	165	450100	0.012	10.06	0.072	0.85
178-1099B-191	63	2	Pbcor6/38	0.0100	0.0004	0.0730	0.0091	0.0527	0.0070	64	2	71	9	315	302	99	11	211	9.1	622	454700	Below LOD	5.96	0.026	0.49
178-1099B-193	56	3	6/38	0.0088	0.0004	0.0584	0.0093	0.0470	0.0080	56	3	57	9	48	407	99	16	253	10.0	782	444100	0.001	10.89	0.080	1.47
178-1099B-195	58	2	Pbcor6/38	0.0090	0.0004	0.0561	0.0083	0.0446	0.0071	58	2	55	8	0	374	99	16	378	10.3	1359	463400	Below LOD	9.48	0.067	1.71
178-1099B-196	48	3	Pbcor6/38	0.0076	0.0005	0.0560	0.0110	0.0530	0.0110	49	3	55	10	328	470	99	17	870	10.1	868	418900	2.700	17.80	0.720	4.50
178-1099B-197	57	2	Pbcor6/38	0.0088	0.0003	0.0526	0.0063	0.0430	0.0055	57	2	52	6	0	304	100	14	222	7.1	1390	450200	0.038	5.83	0.107	2.05
178-1099B-198	62	2	6/38	0.0096	0.0003	0.0645	0.0052	0.0470	0.0036	62	2	63	5	48	183	97	8	395	5.5	3024	450900	0.014	23.10	0.295	5.31
178-1099B-200	60	2	Pbcor6/38	0.0094	0.0003	0.0637	0.0052	0.0482	0.0046	61	2	63	5	108	226	98	8	395	5.0	1520	444900	0.011	14.70	0.076	1.52
178-1099B-201	145	5	Pbcor6/38	0.0229	0.0008	0.1720	0.0180	0.0527	0.0054	146	5	159	16	315	234	97	10	342	6.9	1429	462800	0.032	12.33	0.038	0.95
178-1099B-205	134	4	Pbcor6/38	0.0209	0.0006	0.1372	0.0057	0.0470	0.0021	134	4	130	5	48	107	99	5	960	1.5	1780	439500	3.430	20.20	1.580	7.90
178-1099B-207	106	4	6/38	0.0165	0.0006	0.1110	0.0130	0.0506	0.0065	106	4	109	13	222	298	97	12	349	10.8	1472	442700	0.260	21.00	0.181	2.14
178-1099B-208	101	3	Pbcor6/38	0.0157	0.0005	0.1030	0.0110	0.0476	0.0049	101	3	99	10	78	244	100	10	362	5.8	2583	441900	0.015	10.96	0.156	3.11
178-1099B-209	51	2	Pbcor6/38	0.0080	0.0003	0.0511	0.0034	0.0467	0.0034	51	2	51	3	33	174	101	7	232	6.2	693	438800	Below LOD	9.35	0.039	0.58
178-1099B-212	58	2	Pbcor6/38	0.0090	0.0004	0.0526	0.0091	0.0423	0.0074	58	2	52	9	0	391	100	19	345	10.9	876	449900	Below LOD	8.65	0.019	0.57
178-1099B-213	76	3	Pbcor6/38	0.0117	0.0004	0.0691	0.0078	0.0416	0.0044	75	3	68	7	0	250	98	13	382	6.1	1289	444900	Below LOD	19.90	0.064	1.23
178-1099B-214	134	7	Pbcor6/38	0.0210	0.0011	0.1350	0.0240	0.0467	0.0083	134	7	125	22	33	426	100	20	310	13.7	688	422300	0.073	8.06	0.079	1.37
178-1099B-216	63	3	Pbcor6/38	0.0099	0.0005	0.0680	0.0110	0.0496	0.0080	63	3	66	10	175	376	99	15	302	9.5	840	443000	Below LOD	7.28	0.030	0.82
178-1099B-217	61	2	Pbcor6/38	0.0095	0.0003	0.0676	0.0072	0.0504	0.0055	61	2	66	7	212	252	98	10	388	7.0	2040	446900	Below LOD	17.05	0.178	3.47
178-1099B-218	45	2	Pbcor6/38	0.0070	0.0003	0.0438	0.0033	0.0446	0.0035	45	2	43	3	0	185	98	8	116	2.9	289	441900	0.023	9.47	0.019	0.33
178-1099B-219	47	2	Pbcor6/38	0.0072	0.0003	0.0441	0.0055	0.0423	0.0053	46	2	44	5	0	280	96	13	423	21.9	2691	444100	0.049	14.59	0.408	6.18
178-1099B-220	57	2	6/38	0.0089	0.0004	0.0611	0.0078	0.0456	0.0049	57	2	60	7	0	250	96	12	344	7.7	2220	441500	0.045	13.50	0.134	2.84
178-1099B-224	86	4	6/38	0.0134	0.0007	0.0910	0.0180	0.0447	0.0087	86	4	86	17	0	435	100	20	252	21.0	1108	446600	0.006	8.49	0.154	3.25
178-1099B-225	57	3	6/38	0.0090	0.0004	0.0650	0.0100	0.0472	0.0082	57	3	63	10	58	414	91	14	626	18.9	4380	491900	0.210	18.90	0.501	7.21
178-1099B-227	53	2	Pbcor6/38	0.0082	0.0003	0.0492	0.0063	0.0396	0.0056	53	2	49	6	0	296	93	14	237	7.3	1267	447000	0.010	16.80	0.083	1.84
178-1099B-228	46	1	Pbcor6/38	0.0071	0.0002	0.0529	0.0038	0.0475	0.0035	46	1	52	4	73	175	88	7	142	5.1	819	446300	0.011	7.66	0.109	1.86
178-1099B-231	60	2	6/38	0.0093	0.0004	0.0591	0.0097	0.0422	0.0076	60	2	58	9	0	419	103	17	188	10.1	1000	455000	0.005	6.93	0.148	2.27
178-1099B-233	56	2	6/38	0.0087	0.0003	0.0610	0.0049	0.0434	0.0033	56	2	60	5	0	179	93	8	106	4.5	249	464600	Below LOD	6.60	Below LOD	0.17
178-1099B-234	70	4	6/38	0.0109	0.0006	0.0770	0.0130	0.0470	0.0082	70	4	74	12	48	417	95	16	256	13.3	1530	447700	0.020	12.50	0.172	2.70
178-1099B-235	57	2	6/38	0.0089	0.0003	0.0641	0.0076	0.0468	0.0056	57	2	63	7	38	286	91	11	419	8.6	1751	449000	0.014	13.10	0.150	2.57
178-1099B-236	47	2	6/38	0.0073	0.0003	0.0513	0.0075	0.0455	0.0066	47	2	50	7	0	356	93	14	273	11.7	1513	455900	0.018	16.80	0.275	4.99
318-U1355A_1	1660	84	7/6	0.2844	0.0059	4.0000	0.1900	0.1020	0.0046	1613	30	1621	38	1660	84	100	3	201	10.0	1077	453000	0.790	33.20	0.460	5.64
318-U1355A_3	1344	134	7/6	0.1964	0.0057	2.3300	0.1700	0.0863	0.0060	1155	31	1207	49	1344	134	96	5	235	11.4	1432	461900	0.017	10.22	0.220	3.97
318-U1355A_4	2716	60	7/6	0.5100	0.0120	13.1200	0.4300	0.1871	0.0068	2656	49	2680	31	2716	60	99	2	235	19.5	1499	466700	0.056	15.85	0.820	9.96
318-U1355A_5	1655	47	7/6	0.2510	0.0044	3.4240	0.0980	0.1017	0.0026	1443	22	1510	23	1655	47	96	2	273	7.5	993	436600	Below LOD	33.60	0.075	1.50
318-U1355A_6	113	5	6/38	0.0177	0.0008	0.1180	0.0310	0.0450	0.0110	113	5	111	29	0	575	102	27	251	11.3	859	455900	Below LOD	8.56	0.094	1.38
318-U1355A_7	1699	95	7/6	0.2916	0.0063	4.1800	0.1900	0.1042	0.0054	1649	31	1664	38	1699	95	99	3	289	4.2	880	456000	0.120	31.20	0.050	0.86
318-U1355A_8	1667	119	7/6	0.2905	0.0073	4.0600	0.2600	0.1024	0.0066	1642	36	1624	52	1667	119	101	4	184	12.0	746	455400	Below LOD	22.60	0.251	3.90
318-U1355A_9	1553	82	7/6	0.2657	0.0059	3.5200	0.1600	0.0963	0.0042	1518	30	1520	36	1553	82	100	3	212	5.4	1402	451900	0.075	10.97	0.182	2.23
318-U1355A_10	1675	83	7/6	0.2327	0.0049	3.2200	0.1500	0.1028	0.0046	1348	26	1450	37	1675	83	93	3	201	7.9	1363	452500	Below LOD	39.20	0.295	5.32
318-U1355A_11	1647	70	7/6	0.2877	0.0057	4.0100	0.1500	0.1013	0.0038	1630	29	1632	29	1647	70	100	3	549	6.5	1677	439400	0.260	48.60	0.172	1.80
318-U1355A_12	1727	102	7/6	0.2952	0.0071	4.2900	0.2800	0.1058	0.0059	1667	35	1683	56	1727	102	99	4	603	11.1	1816	416000	0.420	52.40	0.940	5.50
318-U1355A_13	2067	50	7/6	0.3620	0.0065	6.3500	0.1800	0.1278	0.0036	1991	30	2020	26	2067	50	99	2	169	6.5	1808	463400	Below LOD	16.62	0.451	7.28
318-U1355A_14	1228	111	7/6	0.2052	0.0044	2.2900	0.1300	0.0813	0.0046	1202	24	1196	41	1228	111	101	4	141	7.0	520	454900	Below LOD	8.43	Below LOD	0.37
318-U1355A_15	1216	175	7/6	0.2047	0.0048	2.2600	0.1900	0.0808	0.0072	1200	25	1160	69	1216	175	103	7	241	14.3	736	452300	Below LOD	7.54	0.044	0.94
318-U1355A_16	1758	99	7/6	0.3002	0.0070	4.4300	0.2300	0.1076	0.0058	1691	35	1711	40	1758	99	99	3	186	21.0	546	458900	0.520	25.00	0.162	1.63
318-U1355A_17	1264	158	7/6	0.2270	0.0056	2.5600	0.2000	0.0828	0.0067	1318	29	1262	58	1264	158	104	5	326	3.6	1440	457400	Below LOD	7.61	0.225	3.51
318-U1355A_18	1593	112	7/6	0.2955	0.0072	3.9900	0.2200	0.0984	0.0059	1668	36	1616	47	1593	112	103	4	234	7.6	851	449600	0.073	29.40	0.238	3.10
318-U1355A_19	1830	83	7/6	0.2794	0.0066	4.3000	0.2100	0.1119	0.0051	1587	33	1681	39	1830	83	94	3	352	16.1	1029	429900	4.250	53.90	1.500	5.88
318-U1355A_21	1707	111	7/6	0.2325	0.0059	3.2100	0.1800	0.1046	0.0063	1347	31	1462	45	1707	111	92	4	101	3.9	303	447400	0.224	10.41	0.189	1.47
318-U1355A_22	1689	126	7/6	0.3094	0.0077	4.3800	0.3000	0.1036	0.0071	1737	38	1692	58	1689	126	103	4	184	5.2	330	432700	7.300	29.60	1.390	4.20
318-U1355A_23	1760	117	7/6	0.3068	0.0074	4.5400	0.3000	0.1077	0.0069	1723	37	1721	58	1760	117	100	4	259	24.8	514	457000	Below LOD	25.08	0.161	1.32
318-U1355A_24	1631	106	7/6	0.2830	0.0068	3.8900	0.2200	0.1004	0.0057	1605	34	1603	47	1631	106	100	4	300	3.5	616	458500	Below LOD	19.49	0.037	0.43
318-U1355A_25	1769	59	7/6	0.3182	0.0057	4.7400	0.1600	0.1082	0.0035	1784	26	1767	28	1769	59	101	2	650	6.2	1075	449800	Below LOD	5.09	Below LOD	0.59
318-U1355A_26	573	13	Pbcor6/38	0.0936	0.0023	0.8270	0.0570	0.0646	0.0045	577	13	604	31	760	147	101	5	126	10.9	60	454400	Below LOD	3.67	0.053	0.56
318-U1355A_27	1717	112	7/6	0.3111	0.0079	4.4800	0.2600	0.1052	0.0064	1745	39	1714	53	1717	112	102	4	218	14.0	388	450100	Below LOD	16.43	0.055	0.60
318-U1355A_28	641	27	6/38	0.1046	0.0047	0.9020	0.0970	0.0665	0.0075	641	27	643	55	821	236	100	10	366	6.8	858	446200	Below LOD	8.10	0.120	1.80
318-U1355A_29	1760	80	7/6	0.2502	0.0053	3.6100	0.1500	0.1077	0.0047	1439	27	1548	33	1760	80	93	3	236	7.3	912	449100	0.250	14.50	0.247	3.68
318-U1355A_30	108	7	6/38	0.0169	0.0010	0.1200	0.0350	0.0490	0.0150	108	7	107	32	147	718	101	31	333	8.6	1242	453000	0.068	14.47	0.169	3.08
318-U1355A_31	1230	121	7/6	0.1988	0.0042	2.1800	0.1600	0.0814	0.0050	1168	23	1169	54	1230	121	100	5	272	13.1	759	468000	Below LOD	18.43	0.062	0.86
318-U1355A_32	378	6	6/38	0.0604	0.0009	0.4500	0.0230	0.0555	0.0018	378	6	377	16	431	72	100	5	242	Below LOD	1603	425200	0.077	16.83	0.360	4.18
318-U1355A_33	1629	85	7/6	0.3105	0.0058	4.1900	0.2400	0.1003	0.0046	1742	29	1669	49	1629	85	104	4	245	13.1	577	449500	Below LOD	28.58	0.089	1.25
318-U1355A_34	2987	117	7/6	0.5230	0.0200	15.7000	1.4000	0.2210	0.0160	2708	85	2835	86	2987	117	96	4	124	6.8	211	435000	Below LOD	3.77	Below LOD	Below LOD
318-U1355A_35	1802	94	7/6	0.2889	0.0057	4.2300	0.2700	0.1102	0.0057	1642	26	1671	52	1802	94	98	3	376	33.4	864	422600	3.270	52.70	2.700	10.60
318-U1355A_36	1566	114	7/6	0.2874	0.0059	3.7200	0.2500	0.0970	0.0059	1627	30	1569	56	1566	114	104	4	262	8.4	1018	456700	Below LOD	40.30	0.316	4.64
318-U1355A_37	1682	70	7/6	0.2800	0.0047	3.9300	0.2200	0.1032	0.0039	1591	24	1611	45	1682	70	99	3	891	12.8	2090	469000	1.180	31.30	0.492	4.54
318-U1355A_38	1627	45	7/6	0.2930	0.0044	4.0010	0.1900	0.1002	0.0024	1656	22	1632	39	1627	45	101	3	446	Below LOD	1236	443400	Below LOD	25.10	0.160	1.64
318-U1355A_40	500	12	Pbcor6/38	0.0805	0.0021	0.6270	0.0790	0.0565	0.0068	499	12	476	50	471	266	100	11	180	12.0	581	465700	Below LOD	27.90	0.144	3.06
318-U1355A_41	1595	161	7/6	0.2597	0.0087	3.4300	0.3200	0.0985	0.0085	1486	44	1472	80	1595	161	101	6	252	15.2	810	472400	Below LOD	13.38	0.121	1.59
318-U1355A_42	1621	95	7/6	0.2867	0.0065	3.9400	0.2400	0.0999	0.0051	1624	33	1615	51	1621	95	101	4	410	Below LOD	1240	485400	0.270	34.40	0.287	2.80
318-U1355A_43	1608	79	7/6	0.2933	0.0052	3.9100	0.2300	0.0992	0.0042	1657	26	1607	48	1608	79	103	3	299	Below LOD	758	458400	0.173	15.00	Below LOD	1.97
318-U1355A_44	1627	69	7/6	0.2796	0.0055	3.8100	0.2100	0.1002	0.0037	1589	28	1591	44	1627	69	100	3	277	17.4	722	468700	4.280	44.30	4.130	26.50
318-U1355A_45	1629	120	7/6	0.3120	0.0079	4.1500	0.3000	0.1003	0.0065	1749	39	1649	61	1629	120	106	5	668	11.4	1201	439800	0.890	22.90	0.500	5.90
318-U1355A_46	1753	53	7/6	0.2683	0.0050	3.0700	0.1500	0.1073	0.0031	1531	26	1422	37	1753	53	108	3	678	12.4	1415	457800	0.296	14.20	0.341	2.58

318-U1355A_47	1625	74	7/6	0.3156	0.0059	4.2100	0.2400	0.1001	0.0040	1767	29	1674	44	1625	74	106	3	340	7.3	944	469900	0.410	26.10	0.780	6.30
318-U1355A_48	1574	117	7/6	0.2887	0.0058	3.7500	0.2800	0.0974	0.0061	1634	29	1561	61	1574	117	105	4	128	9.0	408	465300	Below LOD	22.16	Below LOD	0.61
318-U1355A_49	1644	64	7/6	0.3031	0.0066	4.1100	0.2400	0.1011	0.0035	1706	33	1653	47	1644	64	103	4	305	6.2	892	486600	0.810	27.70	0.680	3.14
318-U1355A_50	1664	91	7/6	0.3092	0.0048	4.2000	0.2700	0.1022	0.0050	1736	24	1661	53	1664	91	105	4	180	13.4	483	463800	Below LOD	14.31	0.080	1.21
318-U1355A_51	1822	94	7/6	0.2835	0.0057	4.1100	0.2700	0.1114	0.0058	1615	26	1649	53	1822	94	98	4	694	10.0	1258	442200	0.850	20.00	0.670	5.20
318-U1355A_52	1557	150	7/6	0.3090	0.0120	3.8700	0.3500	0.0965	0.0077	1734	59	1590	78	1557	150	109	7	480	7.8	1199	443800	Below LOD	6.74	0.087	2.28
318-U1355A_53	1867	71	7/6	0.2601	0.0048	3.2000	0.1900	0.1142	0.0045	1490	24	1451	46	1867	71	103	4	758	20.2	1536	474500	7.600	59.00	7.900	61.00
318-U1355A_54	1767	127	7/6	0.2494	0.0089	3.5100	0.2800	0.1081	0.0075	1434	46	1513	62	1767	127	95	5	299	15.5	916	445300	1.770	25.10	1.560	10.50
318-U1355A_55	1593	104	7/6	0.2883	0.0053	3.7000	0.2400	0.0984	0.0055	1632	26	1562	53	1593	104	104	4	913	5.4	2953	446300	Below LOD	96.80	0.348	4.45
318-U1355A_56	1647	97	7/6	0.2897	0.0060	3.8500	0.2400	0.1013	0.0053	1639	30	1591	51	1647	97	103	4	306	10.2	1227	468700	0.113	40.60	0.234	3.18
318-U1355A_57	1699	80	7/6	0.3049	0.0060	4.1900	0.2400	0.1042	0.0045	1714	29	1663	48	1699	80	103	3	168	13.5	447	460600	Below LOD	28.74	Below LOD	0.98
318-U1355A_59	1235	132	7/6	0.1826	0.0041	1.9900	0.1700	0.0816	0.0055	1081	22	1096	59	1235	132	99	6	436	10.9	641	480900	0.079	2.48	0.350	2.92
318-U1355A_60	1595	72	7/6	0.2890	0.0078	3.7300	0.2100	0.0985	0.0038	1636	39	1574	45	1595	72	104	4	1061	4.2	1596	499000	0.146	3.35	0.208	1.28
318-U1355A_61	1566	75	7/6	0.2765	0.0048	3.5000	0.2000	0.0970	0.0039	1573	24	1519	46	1566	75	104	4	142	Below LOD	423	471500	Below LOD	5.93	Below LOD	1.11
318-U1355A_62	1649	115	7/6	0.2723	0.0066	3.6600	0.2800	0.1014	0.0063	1552	33	1550	62	1649	115	100	5	353	11.7	1002	489000	2.360	35.00	1.910	10.70
318-U1355A_64	1726	85	7/6	0.2896	0.0052	4.0300	0.2300	0.1057	0.0049	1639	26	1639	45	1726	85	100	3	344	13.7	806	456400	0.266	19.32	0.311	2.99
318-U1355A_66	1675	38	7/6	0.3017	0.0049	4.0510	0.1900	0.1028	0.0021	1699	24	1642	37	1675	38	103	3	226	8.5	833	452000	0.123	10.90	0.131	1.10
318-U1355A_69	1680	91	7/6	0.2706	0.0044	3.6300	0.2200	0.1031	0.0051	1543	22	1547	49	1680	91	100	3	434	7.4	1472	449400	0.194	32.90	0.570	4.41
318-U1355A_70	1710	84	7/6	0.2790	0.0050	3.7900	0.2200	0.1048	0.0048	1586	25	1587	48	1710	84	100	3	1448	10.8	2274	475400	Below LOD	6.08	0.108	1.48
318-U1355A_71	1724	75	7/6	0.3215	0.0053	4.4700	0.2600	0.1056	0.0043	1796	26	1723	50	1724	75	104	3	332	11.3	859	460100	Below LOD	19.30	0.090	1.97
318-U1355A_72	1651	82	7/6	0.2769	0.0053	3.6700	0.2100	0.1015	0.0045	1580	29	1557	46	1651	82	101	4	331	8.6	785	477500	Below LOD	26.61	0.105	1.11
318-U1355A_74	1390	113	7/6	0.1986	0.0042	2.3600	0.1600	0.0884	0.0052	1168	22	1224	48	1390	113	95	4	144	8.3	364	479500	0.097	19.60	0.164	1.16
318-U1355A_76	114	7	6/38	0.0179	0.0011	0.1500	0.0490	0.0660	0.0210	114	7	127	42	805	666	90	30	177	7.7	731	472200	Below LOD	11.94	0.125	1.66
318-U1355A_79	1623	67	7/6	0.2915	0.0042	3.8900	0.2200	0.1000	0.0036	1652	22	1604	45	1623	67	103	3	68	Below LOD	113	468000	Below LOD	5.94	Below LOD	Below LOD
318-U1355A_80	1382	240	7/6	0.2112	0.0085	2.5200	0.3800	0.0880	0.0110	1242	42	1200	110	1382	240	104	10	283	18.0	745	461900	Below LOD	27.70	0.107	1.41
318-U1355A_81	1692	53	7/6	0.3250	0.0120	4.4600	0.2600	0.1038	0.0030	1814	60	1721	46	1692	53	105	4	209	10.9	1460	508700	0.540	31.00	0.610	4.60
318-U1355A_82	50	5	Pbcor6/38	0.0077	0.0008	0.0230	0.0570	0.0390	0.0690	49	5	6	60	0	3662	156	8217	237	5.0	1072	473000	Below LOD	15.80	Below LOD	1.10
318-U1355A_83	1479	135	7/6	0.3060	0.0086	3.7100	0.3100	0.0926	0.0066	1720	42	1560	69	1479	135	110	6	840	6.8	647	473000	4.100	34.90	1.140	5.80
318-U1355A_84	1807	79	7/6	0.2830	0.0044	4.2700	0.2500	0.1105	0.0048	1606	22	1679	48	1807	79	96	3	839	13.1	2366	459900	0.237	44.00	0.390	4.66
318-U1355A_85	1429	97	7/6	0.2542	0.0046	3.1200	0.2000	0.0902	0.0046	1459	24	1434	48	1429	97	102	4	339	10.9	2190	468300	Below LOD	10.82	0.245	4.07
318-U1355A_86	1563	105	7/6	0.2934	0.0054	3.9000	0.2700	0.0968	0.0054	1658	27	1597	56	1563	105	104	4	1080	6.1	1360	461500	0.246	30.90	0.132	1.64
318-U1355A_87	1760	156	7/6	0.3031	0.0084	4.4600	0.3800	0.1077	0.0092	1705	41	1719	67	1760	156	99	5	149	11.9	599	488000	Below LOD	21.70	0.119	1.77
318-U1355A_89	1531	129	7/6	0.2860	0.0076	2.6400	0.2100	0.0952	0.0065	1620	38	1299	60	1531	129	125	6	503	7.8	1411	439600	0.079	4.69	0.175	2.63
318-U1355A_90	840	25	6/38	0.1392	0.0044	1.3300	0.1900	0.0692	0.0096	840	25	840	86	904	286	100	11	317	19.8	828	440000	2.490	8.40	0.550	4.10
318-U1355A_91	1591	91	7/6	0.3058	0.0057	4.1300	0.2600	0.0983	0.0048	1719	28	1662	53	1591	91	103	4	271	5.7	940	469900	0.057	27.80	Below LOD	0.86
318-U1355A_92	1691	55	7/6	0.2532	0.0034	2.9540	0.1500	0.1037	0.0031	1455	17	1393	39	1691	55	104	3	1730	3.6	4230	485900	1.800	85.00	1.830	13.90
318-U1355A_93	1762	134	7/6	0.3014	0.0083	4.5300	0.3800	0.1078	0.0079	1696	41	1709	71	1762	134	99	5	347	10.2	1015	474800	0.172	37.60	0.248	2.84
318-U1355A_94	540	22	Pbcor6/38	0.0885	0.0037	0.8400	0.1100	0.0695	0.0089	546	22	607	68	913	264	101	11	253	Below LOD	1290	516800	0.270	20.50	0.420	3.60
318-U1355A_95	1603	130	7/6	0.2946	0.0093	4.0800	0.3100	0.0989	0.0069	1663	46	1638	65	1603	130	102	5	289	15.4	933	499800	0.240	32.50	0.300	3.40
318-U1355A_97	1176	115	7/6	0.1997	0.0038	2.1900	0.1400	0.0792	0.0046	1173	20	1172	49	1176	115	100	5	373	12.7	1762	467400	Below LOD	21.00	0.110	2.88
318-U1355A_98	1644	117	7/6	0.2969	0.0063	3.2900	0.2300	0.1011	0.0064	1675	31	1469	59	1644	117	114	5	417	9.0	932	458900	0.340	24.10	0.350	3.40
318-U1355A_99	1714	175	7/6	0.3018	0.0098	4.4100	0.4500	0.1050	0.0100	1697	48	1685	81	1714	175	101	6	245	16.1	454	466600	Below LOD	26.40	0.088	1.98
318-U1355A_100	1947	132	7/6	0.2334	0.0072	3.0600	0.2500	0.1194	0.0088	1352	37	1410	63	1947	132	96	5	367	19.7	950	441500	4.260	52.00	8.900	57.00
318-U1355A_190	1068	129	7/6	0.1804	0.0055	1.9300	0.1500	0.0750	0.0048	1068	30	1081	55	1068	129	99	6	259	3.6	716	462100	Below LOD	6.94	0.098	0.98
318-U1355A_192	1563	99	7/6	0.2849	0.0060	3.9900	0.2700	0.0968	0.0051	1615	30	1615	57	1563	99	100	4	296	31.9	845	472300	0.264	19.97	0.244	2.42
318-U1355A_193	1691	96	7/6	0.2871	0.0059	4.2900	0.2800	0.1037	0.0054	1626	29	1686	50	1691	96	96	3	428	10.2	1529	467600	0.151	32.10	0.410	3.93
318-U1355A_194	1535	103	7/6	0.2595	0.0034	3.5600	0.2400	0.0954	0.0052	1487	17	1527	53	1535	103	97	4	385	49.6	893	459300	Below LOD	22.88	0.081	1.34
318-U1355A_195	1233	164	7/6	0.2325	0.0084	2.7500	0.2600	0.0815	0.0068	1346	44	1326	68	1233	164	102	6	348	13.7	947	501600	0.190	5.60	0.154	1.91
318-U1355A_196	1707	67	7/6	0.2962	0.0063	4.4400	0.2400	0.1046	0.0038	1671	31	1714	45	1707	67	97	3	164	4.8	608	495000	0.052	31.60	0.120	2.08
318-U1355A_197	641	12	Pbcor6/38	0.1040	0.0020	0.8390	0.0540	0.0560	0.0027	637	12	614	29	451	107	97	5	240	Below LOD	537	464600	Below LOD	1.75	Below LOD	Below LOD
318-U1355A_198	1601	76	7/6	0.2739	0.0044	3.8600	0.2100	0.0988	0.0040	1560	22	1604	41	1601	76	97	3	244	3.1	656	469000	Below LOD	15.19	Below LOD	0.69
318-U1355A_199	1545	147	7/6	0.2864	0.0077	3.8700	0.3200	0.0959	0.0075	1622	39	1589	65	1545	147	102	5	240	14.2	696	472400	Below LOD	32.60	0.130	1.65
318-U1355A_200	1712	86	7/6	0.3169	0.0055	4.8000	0.3100	0.1049	0.0049	1774	27	1783	56	1712	86	99	3	179	11.4	518	479300	0.142	28.50	0.062	1.77
318-U1355A_201	488	10	Pbcor6/38	0.0785	0.0017	0.5930	0.0490	0.0548	0.0045	487	10	472	32	403	184	100	7	1138	10.7	2409	486100	0.053	2.86	0.085	1.37
318-U1355A_202	1618	71	7/6	0.2660	0.0093	2.9700	0.1700	0.0997	0.0038	1518	48	1390	45	1618	71	109	5	199	11.1	863	457500	1.680	34.10	1.690	11.20
318-U1355A_203	1523	58	7/6	0.2877	0.0041	3.8700	0.2000	0.0948	0.0029	1629	21	1603	41	1523	58	102	3	330	6.0	1100	470400	0.280	21.90	0.370	3.48
318-U1355A_204	1586	72	7/6	0.2842	0.0057	4.0000	0.2200	0.0980	0.0038	1612	29	1631	43	1586	72	99	3	660	Below LOD	2194	484900	6.300	53.40	2.160	15.10
318-U1355A_205	1825	86	7/6	0.2820	0.0100	4.4600	0.3000	0.1116	0.0053	1599	53	1724	60	1825	86	93	4	555	37.4	1174	469600	2.300	61.40	1.930	9.80
318-U1355A_206	1707	113	7/6	0.2824	0.0066	4.1500	0.2800	0.1046	0.0064	1602	33	1656	54	1707	113	97	4	242	5.1	665	468400	Below LOD	16.16	0.069	1.66
318-U1355A_207	117	11	Pbcor6/38	0.0185	0.0017	0.1200	0.1100	0.0540	0.0550	118	11	56	97	370	2294	116	366	195	15.9	975	470200	0.103	4.91	0.302	4.17
318-U1355A_208	1634	133	7/6	0.2730	0.0100	3.8100	0.3100	0.1006	0.0072	1553	51	1586	64	1634	133	98	5	345	11.8	1213	498000	0.690	25.80	0.850	9.30
318-U1355A_209	503	9	Pbcor6/38	0.0815	0.0014	0.7020	0.0680	0.0609	0.0054	505	9	529	41	635	191	98	8	219	10.6	976	458700	0.156	24.50	0.291	2.69
318-U1355A_210	1403	82	7/6	0.2811	0.0051	3.5800	0.2100	0.0890	0.0038	1596	26	1536	46	1403	82	104	4	432	7.9	2017	459600	Below LOD	10.99	0.143	2.73
318-U1355A_211	1733	81	7/6	0.2938	0.0056	4.3900	0.2600	0.1061	0.0047	1660	28	1703	50	1733	81	97	3	317	8.6	1570	446600	0.380	48.40	0.440	4.80
318-U1357A-6	912	27	Pbcor6/38	0.1511	0.0048	1.3570	0.0350	0.0649	0.0014	907	27	870	15	770	45	100	4	210	5.9	594	410200	0.250	10.32	0.131	1.02
318-U1357A-7	1673	29	7/6	0.3033	0.0096	4.3010	0.0620	0.1027	0.0016	1707	48	1692	12	1673	29	101	3	170	9.3	483	460400	0.328	24.50	0.190	1.95
318-U1357A-9	2385	20	7/6	0.4130	0.0150	8.7200	0.1900	0.1535	0.0018	2227	71	2307	20	2385	20	97	3	878	8.0	2010	403100	4.490	40.50	6.750	53.80
318-U1357A-10	356	13	Pbcor6/38	0.0572	0.0021	0.4820	0.0330	0.0607	0.0039	359	13	397	23	628	138	99	6	332	9.4	1558	436800	0.132	12.49	0.273	3.92
318-U1357A-11	1551	64	7/6	0.2664	0.0098	3.5600	0.1300	0.0962	0.0033	1522	49	1542	26	1551	64	99	4	448	19.8	1605	477800	0.378	25.70	0.363	3.91
318-U1357A-12	1535	41	7/6	0.2858	0.0091	3.7780	0.0890	0.0954	0.0021	1620	46	1589	20	1535	41	102	3	393	17.8	1344	442000	0.173	20.80	0.211	2.28
318-U1357A-13	716	22	Pbcor6/38	0.1184	0.0039	1.1350	0.0520	0.0693	0.0033	722	22	766	25	907	98	100	4	324	8.3	2630	447800	1.950	25.60	1.330	9.00
318-U1357A-14	1645	40	7/6	0.3512	0.0130	4.9000	0.1600	0.1012	0.0022	1939	63	1796	27	1645	40	108	4	188	14.5	568	435400	Below LOD	30.40	0.061	1.23
318-U1357A-15	669	21	6/38	0.1093	0.0035	0.9320	0.0350	0.0615	0.0023	669	21	666	19	656	80	100	4	327	25.2	979	437400	0.255	9.20	0.291	3.38
318-U1357A-16	1785	45	7/6	0.3521	0.0120	5.3100	0.1500	0.1092	0.0027	1944	57	1865	24	1785	45	104	3	198	19.4	383	422000	0.374	33.60	0.145	1.67
318-U1357A-17	933	27	Pbcor6/38	0.1558	0.0049	1.5320	0.0360	0.0710	0.0016	933	27	941	15	957	46	100	3	890	5.4	2080	421000	0.266	5.04	0.269	2.77
318-U1357A-18	2489	22	7/6	0.4605	0.0160	10.2800	0.1800	0.1633	0.0021	2441	72	2459	16	2489	22	99	3	292	12.2	702	409400	1.910	22.26	1.130	6.52
318-U1357A-22	1731	40	7/6	0.3223	0.0100	4.7500	0.1200	0.1060	0.0023	1801	50	1772	21	1731	40	102	3	557	11.2	981	419900	0.011	5.10	0.039	0.96
318-U1357A-23	1719	38	7/6	0.3179	0.0100	4.6420	0.0930	0.1053	0.0022	1779	49	1755	17	1719	38	101	3	632	11.6	1125	433000	0.020	6.45	0.074	1.13
318-U1357A-27	1521	72	7/6	0.2843	0.0096	3.7200	0.1300	0.0947	0.0036	1612	48	1570	29	1521	72	103	4	312	15.3	605	433500	Below LOD	13.64	0.036	0.49
318-U1357A-28	1507	58	7/6	0.2441	0.0080	3.1730	0.0950	0.0940	0.0029	1408	41	1448	23	1507	58	97	3	724	45.0	2298	403100	2.200	101.80	0.690	6.30
318-U1357A-29	793	25	Pbcor6/38	0.1320	0.0044	1.3150	0.0320	0.0725	0.0016	799	25	851	14	999	45	100	3	770	27.6	1045	403600	3.650	30.60	2.710	15.40
318-U1357A-30	1610	45	7/6	0.2686	0.0090	3.7000	0.0900	0.0993	0.0024	1533	46	1568	20	1610	45	98	3	301	15.4	1187	470700	0.131	8.44	0.211	2.80
318-U1357A-31	1785	43	7/6	0.2828	0.0110	4.3200	0.1300	0.1092	0.0026	1605	54	1695	25	1785	43	95	3	198	17.5	417	395000	2.810	23.80	1.370	7.90
318-U1357A-32	110	4	Pbcor6/38	0.0173	0.0007	0.1240	0.0110	0.0514	0.0045	111	4	118	10	258	202	99	9	357	5.7	1356	497000	0.174	50.30	0.167	1.72
318-U1357A-33	1828	36	7/6	0.3343	0.0110	5.2000	0.1000	0.1118	0.0022	1859	51	1851	17	1828	36	100	3	305	15.5	1159	434000	0.133	21.20	0.422	5.16
318-U1357A-35	524	18	Pbcor6/38	0.0851	0.0030	0.7260	0.0390	0.0616	0.0034	526	18	553	23	659	118	100	5	367	4.2	986	486900	0.061	7.88	0.142	0.59
318-U1357A-36	1647	38	7/6	0.2845	0.0090	4.0010	0.0770	0.1013	0.0021	1614	45	1632	16	1647	38	99	3	362	30.8	954	438700	0.415	35.70	0.590	5.11
318-U1357A-37	1774	35	7/6	0.2640	0.0084	3.9520	0.0800	0.1085	0.0021	1510	43	1623	16	1774	35	93	3	481	10.1	2590	432200	1.050	184.00	1.160	12.10
318-U1357A-39	1729	81	7/6	0.2874	0.0097	4.2000	0.1700	0.1059	0.0047	1628	49	1671	33	1729	81	97	4	294	26.9	635	452800	0.359	24.74	0.467	5.64
318-U1357A-41	1733	40	7/6	0.2994	0.0094	4.4130	0.0940	0.1061	0.0023	1688	47	1712	17	1733	40	99	3	161	6.8	447	451300	0.028	23.61	0.075	1.01
318-U1357A-42	1537	47	7/6	0.2776	0.0089	3.6860	0.0950	0.0955	0.0024	1579	45	1565	21	1537	47	101	3	598	10.5	1381	437000	0.046	17.75	0.116	1.66
318-U1357A-43	107	4	Pbcor6/38	0.0168	0.0006	0.1130	0.0140	0.0488	0.0068	107	4	108	13	137	328	100	12	481	6.6	2161	510000	0.044	67.00	0.135	3.10
318-U1357A-44	1800	18	7/6	0.2950	0.0110	4.5040	0.0950	0.1101	0.0011	1666	53	1733	17	1800	18	96	3	549	14.7	1511	413000	8.400	68.30	3.420	20.60
318-U1357A-45	1712	60	7/6	0.3099	0.0110	4.5500	0.1600	0.1049	0.0034	1739	54	1732	30	1712	60	100	4	191	19.3	577	435000	0.041	34.16	0.203	3.56
318-U1357A-46	1191	64	7/6	0.2079	0.0067	2.3090	0.0780	0.0798	0.0026	1218	36	1210	24	1191	64	101	4	376	20.8	1127	428700	0.020	16.69	0.153	2.77
318-U1357A-47	623	19	Pbcor6/38	0.1015	0.0033	0.8610	0.0400	0.0608	0.0030	623	19	629	21	631	106	99	4	283	9.4	1058	479200	0.082	17.89	0.163	1.92
318-U1357A-50	606	19	Pbcor6/38	0.0986	0.0033	0.8180	0.0320	0.0601	0.0026	606	19	605	18	606	94	100	4	153	6.4	454	446000	0.350	33.60	0.350	4.20
318-U1357A-53	1703	41	7/6	0.3055	0.0110	4.4400	0.1200	0.1044	0.0023	1718	53	1718	22	1703	41	100	3	185	9.3	463	415600	0.038	25.00	0.100	2.00
318-U1357A-54	2318	16	7/6	0.3991	0.0130	8.2500	0.1500	0.1476	0.0014	2164	61	2258	17	2318	16	96	3	479	19.0	1026	426600	1.740	33.70	0.840	6.15
318-U1357A-55	1745	22	7/6	0.3058	0.0095	4.5490	0.0620	0.1068	0.0013	1720	47	1739	11	1745	22	99	3	582	8.7	1260	434300	1.050	6.46	0.620	3.66
318-U1357A-57	1782	28	7/6	0.3086	0.0100	4.7140	0.0900	0.1090	0.0017	1734	50	1768	16	1782	28	98	3	283	12.5	1020	450100	0.168	13.33	0.361	5.28
318-U1357A-59	2437	19	7/6	0.4303	0.0130	9.4600	0.1600	0.1583	0.0018	2307	61	2382	15	2437	19	97	3	840	17.4	1681	441300	2.010	10.00	1.020	7.00
318-U1357A-60	1879	34	7/6	0.3030	0.0100	4.8690	0.0990	0.1150	0.0022	1705	50	1795	17	1879	34	95	3	1340	20.1	1699	426000	2.520	16.00	2.280	14.20
318-U1357A-61	1703	30	7/6	0.3124	0.0100	4.4690	0.0860	0.1044	0.0017	1752	51	1726	15	1703	30	102	3	711	2.0	1307	440200	0.062	5.03	0.043	0.59
318-U1357A-63	1620	37	7/6	0.3085	0.0098	4.2270	0.0880	0.0998	0.0020	1733	48	1677	17	1620	37	103	3	393	9.1	1258	426700	0.177	45.20	0.138	2.16
318-U1357A-64	1689	25	7/6	0.3203	0.0100	4.5520	0.0750	0.1036	0.0014	1791	49	1742	13	1689	25	103	3	153	8.2	575	433800	0.070	39.19	0.069	1.06
318-U1357A-66	1696	37	7/6	0.3353	0.0110	4.8000	0.1100	0.1040	0.0021	1867	55	1781	19	1696	37	105	3	265	15.7	484	439500	0.070	8.89	0.225	3.25
318-U1357A-68	1809	41	7/6	0.2910	0.0120	4.4500	0.1400	0.1106	0.0025	1646	60	1718	28	1809	41	96	4	864	23.8	1630	424500	1.980	19.00	1.990	14.80
318-U1357A-69	1664	42	7/6	0.2783	0.0089	3.9250	0.0840	0.1022	0.0023	1583	45	1617	17	1664	42	98	3	442	7.9	1037	436300	1.780	39.10	0.670	3.84
318-U1357A-72	1727	28	7/6	0.3199	0.0100	4.6310	0.0920	0.1058	0.0016	1789	51	1753	17	1727	28	102	3	645	14.3	1348	413900	3.300	19.19	1.360	8.94
318-U1357A-75	1608	71	7/6	0.2965	0.0100	3.9900	0.1400	0.0992	0.0038	1673	51	1632	30	1608	71	103	4	275	7.8	673	448000	0.108	16.90	0.119	1.78
318-U1357A-76	633	21	Pbcor6/38	0.1031	0.0035	0.8610	0.0450	0.0608	0.0032	632	21	627	25	631	113	100	5	122	7.2	237	407600	0.132	33.78	0.121	1.16
318-U1357A-77	1698	37	7/6	0.2827	0.0093	4.0560	0.0860	0.1041	0.0021	1605	47	1644	17	1698	37	98	3	302	8.4	970	431400	4.720	47.60	0.355	1.93
318-U1357A-78	591	18	6/38	0.0958	0.0032	0.8020	0.0420	0.0613	0.0032	591	18	594	23	649	112	99	5	192	23.7	593	466700	0.284	17.43	0.392	5.08
318-U1357A-79	1738	34	7/6	0.3074	0.0096	4.4870	0.0830	0.1064	0.0020	1728	47	1727	15	1738	34	100	3	260	9.7	1430	457900	0.570	22.70	0.950	10.80
318-U1357A-81	1625	61	7/6	0.2821	0.0096	3.8500	0.1200	0.1001	0.0033	1601	48	1600	25	1625	61	100	3	408	29.7	1230	445000	0.540	13.62	0.322	3.11
318-U1357A-82	1748	31	7/6	0.3013	0.0095	4.3700	0.0840	0.1070	0.0018	1697	47	1705	16	1748	31	100	3	833	7.9	1808	402400	1.550	15.90	0.780	6.55
318-U1357A-83	1608	47	7/6	0.2966	0.0097	3.9940	0.0950	0.0992	0.0025	1674	48	1630	20	1608	47	103	3	414	11.6	1120	436600	0.147	33.40	0.140	1.85
318-U1358A_1	695	35	Pbcor6/38	0.1143	0.0061	1.0400	0.2600	0.0660	0.0160	697	35	640	130	805	508	100	23	221	23.0	362	461900	Below LOD	6.51	0.157	2.38
318-U1358A_3	3298	46	7/6	0.6190	0.0130	24.4200	1.2000	0.2687	0.0079	3104	52	3282	50	3298	46	95	2	231	6.1	636	481600	Below LOD	17.61	0.121	0.48
318-U1358A_4	614	8	6/38	0.0998	0.0013	0.8460	0.0530	0.0587	0.0030	614	8	618	29	555	111	99	5	213	Below LOD	601	464900	Below LOD	25.70	Below LOD	0.63
318-U1358A_5	1211	88	7/6	0.2106	0.0041	2.4500	0.1500	0.0806	0.0036	1231	22	1256	43	1211	88	98	4	216	4.9	693	462100	Below LOD	16.25	Below LOD	0.40
318-U1358A_6	653	18	Pbcor6/38	0.1086	0.0030	1.2320	0.0840	0.0770	0.0034	664	18	809	38	1120	88	94	4	275	4.9	464	481500	1.800	7.30	1.100	4.29
318-U1358A_7	2398	38	7/6	0.4248	0.0051	9.6100	0.4900	0.1547	0.0035	2282	23	2392	46	2398	38	95	2	333	7.3	452	465400	1.120	5.38	0.960	5.10
318-U1358A_9	1857	64	7/6	0.3107	0.0050	5.2900	0.2700	0.1136	0.0040	1744	25	1864	43	1857	64	94	3	497	9.9	2403	469300	4.200	68.60	1.970	19.60
318-U1358A_10	557	17	6/38	0.0903	0.0029	0.7800	0.1100	0.0598	0.0088	557	17	555	63	595	318	100	12	190	11.4	377	462900	Below LOD	21.80	0.249	3.60
318-U1358A_11	127	10	Pbcor6/38	0.0200	0.0015	0.1320	0.0890	0.0520	0.0350	127	10	76	78	284	1540	109	172	254	11.7	571	471000	0.074	9.99	0.194	1.85
318-U1358A_12	563	9	Pbcor6/38	0.0927	0.0014	0.9920	0.0750	0.0715	0.0048	571	9	693	39	971	137	92	5	274	6.4	978	457200	0.530	14.05	0.500	4.44
318-U1358A_14	2339	46	7/6	0.4360	0.0150	8.0100	0.4700	0.1495	0.0040	2327	71	2240	46	2339	46	104	4	581	9.5	787	474700	0.198	3.10	0.720	8.60
318-U1358A_16	524	18	Pbcor6/38	0.0856	0.0031	0.8700	0.1400	0.0670	0.0100	529	18	593	76	837	310	92	12	183	Below LOD	317	466100	Below LOD	9.98	0.061	0.97
318-U1358A_19	213	11	6/38	0.0336	0.0017	0.2790	0.0740	0.0540	0.0140	213	11	232	57	370	584	92	23	240	Below LOD	1540	450700	Below LOD	41.90	0.255	4.40
318-U1358A_20	623	25	6/38	0.1016	0.0042	1.0300	0.1700	0.0640	0.0100	623	25	670	88	741	330	93	13	240	5.9	379	469300	Below LOD	25.90	0.154	1.41
318-U1358A_21	1705	160	7/6	0.2897	0.0057	4.2300	0.3600	0.1045	0.0091	1639	29	1674	68	1705	160	98	4	1110	22.7	1311	456500	9.300	65.00	3.400	15.80
318-U1358A_23	622	11	6/38	0.1013	0.0019	0.8650	0.0890	0.0604	0.0061	622	11	623	48	617	218	100	8	112	5.4	367	452900	Below LOD	1.09	Below LOD	Below LOD
318-U1358A_24	2553	128	7/6	0.4597	0.0082	11.0100	0.8100	0.1696	0.0130	2437	36	2522	69	2553	128	97	3	313	39.0	592	476000	1.140	5.41	0.880	6.70
318-U1358A_26	1054	200	7/6	0.1760	0.0043	1.8500	0.1800	0.0745	0.0074	1044	23	1050	63	1054	200	99	6	203	Below LOD	737	446500	0.022	2.87	0.165	2.39
318-U1358A_30	568	20	Pbcor6/38	0.0928	0.0035	0.8800	0.1100	0.0651	0.0076	572	20	636	59	777	246	95	9	207	13.5	238	499000	0.740	8.07	0.710	8.00
318-U1358A_32	2424	140	7/6	0.4754	0.0096	10.5500	0.8200	0.1571	0.0130	2506	42	2481	73	2424	140	101	3	990	Below LOD	931	460600	0.460	20.60	1.010	9.50
318-U1358A_33	615	11	Pbcor6/38	0.1017	0.0019	1.0160	0.1000	0.0730	0.0078	624	11	714	56	1013	216	100	7	209	7.5	1012	457300	0.600	38.10	0.480	5.30
318-U1358A_35	576	12	Pbcor6/38	0.0939	0.0020	0.8270	0.0970	0.0632	0.0075	578	12	599	53	714	252	99	9	110	8.8	395	477400	0.100	24.40	0.610	7.70
318-U1358A_38	1983	140	7/6	0.2511	0.0043	3.7000	0.2800	0.1219	0.0096	1444	22	1570	61	1983	140	92	4	721	8.7	1470	487600	5.500	27.00	3.600	14.00
318-U1358A_39	945	14	Pbcor6/38	0.1587	0.0025	1.6900	0.1600	0.0755	0.0074	949	14	994	61	1081	197	98	6	1260	5.9	1407	483400	0.243	3.29	0.318	2.63
318-U1358A_40	2978	125	7/6	0.5496	0.0067	16.8400	1.2000	0.2197	0.0170	2823	28	2927	64	2978	125	96	2	1016	10.2	1307	453900	Below LOD	4.07	0.196	1.52
318-U1358A_41	4250	75	7/6	0.8650	0.0390	61.2000	5.7000	0.5090	0.0460	4010	130	4181	94	4267	133	96	4	189	29.0	488	393900	0.089	5.74	Below LOD	0.86
318-U1358A_43	236	7	Pbcor6/38	0.0376	0.0011	0.3020	0.0470	0.0578	0.0089	238	7	262	37	521	338	99	13	369	10.3	1308	438200	0.126	12.48	0.109	1.48
318-U1358A_45	917	14	Pbcor6/38	0.1534	0.0025	1.5500	0.1400	0.0725	0.0068	920	14	941	55	999	191	99	6	292	Below LOD	1850	450200	0.071	14.75	0.426	6.15
318-U1358A_46	630	9	Pbcor6/38	0.1031	0.0015	0.9350	0.0870	0.0649	0.0063	633	9	663	46	770	204	99	7	193	11.0	466	469700	Below LOD	48.40	0.162	2.66
318-U1358A_47	2423	130	7/6	0.4294	0.0052	9.4200	0.6900	0.1570	0.0120	2302	24	2375	68	2423	130	97	3	868	6.0	1448	450400	0.143	5.28	0.178	2.32
318-U1358A_48	1755	150	7/6	0.2996	0.0046	4.5100	0.3600	0.1074	0.0088	1689	23	1724	66	1755	150	98	4	175	4.4	548	478600	0.052	11.63	0.039	0.98
318-U1358A_49	621	11	Pbcor6/38	0.1008	0.0019	0.8220	0.0870	0.0585	0.0064	619	11	598	49	548	238	99	9	280	16.9	1519	462100	0.318	80.60	1.710	22.20
318-U1358A_50	125	5	Pbcor6/38	0.0197	0.0008	0.1450	0.0280	0.0519	0.0097	126	5	138	26	280	428	97	18	220	13.6	878	463400	Below LOD	20.40	0.385	5.86
318-U1358A_51	619	11	6/38	0.1007	0.0019	0.8540	0.0880	0.0607	0.0064	619	11	617	49	628	228	100	8	176	16.1	633	469100	0.059	11.17	0.470	6.90
318-U1358A_53	2528	131	7/6	0.4220	0.0110	9.7100	0.7500	0.1671	0.0130	2266	48	2403	70	2528	131	94	3	133	Below LOD	339	433900	2.280	53.20	4.530	36.10
318-U1358A_54	501	11	Pbcor6/38	0.0812	0.0018	0.6810	0.0810	0.0616	0.0078	503	11	521	52	659	272	101	10	483	4.8	1355	460100	Below LOD	12.68	0.123	2.47
318-U1358A_55	2666	128	7/6	0.4701	0.0060	11.9300	0.8900	0.1815	0.0140	2483	26	2593	70	2666	128	96	3	176	5.7	730	463100	Below LOD	13.20	0.096	1.80
318-U1358A_56	122	5	6/38	0.0190	0.0009	0.1320	0.0300	0.0510	0.0120	122	5	122	27	240	542	100	22	442	4.1	1319	480500	Below LOD	35.10	0.037	1.30
318-U1358A_61	2241	147	7/6	0.3540	0.0110	7.0100	0.6300	0.1412	0.0120	1955	50	2110	81	2241	147	93	4	231	Below LOD	1410	492000	4.500	39.30	2.220	13.00
318-U1358A_62	2469	136	7/6	0.4600	0.0064	10.2500	0.7700	0.1613	0.0130	2438	28	2456	72	2469	136	99	3	356	13.9	496	467100	0.071	2.84	0.189	2.93
318-U1358A_63	528	10	Pbcor6/38	0.0865	0.0017	0.8240	0.0840	0.0685	0.0074	535	10	604	49	883	224	99	7	1364	8.0	3220	490100	0.098	2.23	0.110	2.20
318-U1358A_65	525	10	Pbcor6/38	0.0851	0.0017	0.7260	0.0820	0.0610	0.0070	526	10	547	49	638	246	99	9	1500	8.4	3740	495200	Below LOD	4.18	0.133	2.25

318-U1355A_190	2.16	0.43	14.60	4.69	62.0	23.3	116.0	22.8	207.0	43.3	10150	0.67	84.7	193.0	0.44	6.98	11.23	8.35	
318-U1355A_192	4.13	0.84	20.40	6.40	74.7	27.4	129.1	26.2	226.1	47.4	9750	0.51	83.9	89.1	0.94	6.35	13.65	9.55	
318-U1355A_193	5.60	1.18	30.90	10.91	137.4	52.3	249.0	49.3	436.0	89.9	10610	1.13	132.9	142.6	0.93	6.54	24.72	13.81	
318-U1355A_194	1.99	0.36	16.10	5.27	71.8	29.4	153.2	33.1	311.2	67.9	11740	2.87	89.6	176.5	0.51	9.46	14.70	12.42	
318-U1355A_195	5.00	0.78	18.20	7.12	86.3	33.1	154.3	31.4	271.9	56.4	10570	0.51	58.0	94.2	0.62	6.54	14.89	11.23	
318-U1355A_196	3.58	0.92	17.90	4.89	56.1	19.0	87.5	17.5	166.9	34.8	11110	0.56	145.3	153.0	0.95	6.20	10.49	5.29	
318-U1355A_197	Below LOD	0.07	2.75	1.20	25.9	14.4	106.0	30.5	341.0	83.4	13600	2.82	15.3	590.0	0.03	32.20	9.06	7.74	
318-U1355A_198	1.13	Below LOD	7.70	3.23	48.2	21.2	113.1	26.0	249.0	54.0	13470	1.95	88.4	220.9	0.40	11.20	10.67	7.87	
318-U1355A_199	3.02	0.32	14.00	4.88	60.5	23.1	113.8	23.6	215.7	43.7	9670	0.89	68.8	65.2	1.06	7.22	11.83	7.74	
318-U1355A_200	2.08	0.32	11.20	3.34	43.1	16.6	84.4	19.5	186.8	42.2	11290	1.06	126.2	164.0	0.77	9.79	9.19	5.77	
318-U1355A_201	3.43	0.47	26.30	12.61	183.6	77.0	399.0	86.2	775.0	155.2	12820	0.81	56.4	290.0	0.19	8.45	36.70	36.71	S
318-U1355A_202	7.30	1.01	21.70	6.07	75.9	28.2	136.0	30.0	289.0	65.6	10710	1.24	175.0	237.0	0.74	8.64	14.91	6.42	
318-U1355A_203	5.30	0.88	21.90	7.10	90.0	35.6	182.0	38.8	361.0	78.3	11270	2.37	126.0	343.0	0.37	8.70	17.86	10.65	
318-U1355A_204	12.50	1.57	55.40	17.62	210.4	76.7	349.0	67.2	559.0	111.4	10330	1.55	288.0	283.5	1.02	5.29	35.83	21.29	
318-U1355A_205	6.50	1.34	21.60	7.57	99.9	39.3	209.0	46.6	473.0	102.0	11580	1.39	68.0	260.0	0.26	10.21	21.03	17.90	S
318-U1355A_206	4.20	1.09	16.70	5.14	59.6	21.2	103.7	21.0	191.0	40.5	9490	0.35	84.4	82.0	1.03	6.80	10.84	7.81	
318-U1355A_207	7.40	1.83	38.40	10.75	108.9	35.3	145.7	25.0	203.0	40.7	8250	0.71	43.9	68.8	0.64	3.74	15.44	6.29	
318-U1355A_208	5.40	1.04	24.70	8.20	104.2	40.3	211.0	43.2	413.0	87.3	11290	1.26	126.6	221.5	0.57	8.38	19.94	11.13	
318-U1355A_209	3.95	1.33	20.30	6.35	78.5	30.7	156.0	34.7	344.0	77.2	9160	1.06	260.0	294.0	0.88	9.83	16.20	7.06	
318-U1355A_210	7.40	0.71	42.80	14.85	189.5	70.2	321.0	61.1	511.0	100.6	10180	1.25	111.7	171.1	0.65	5.31	31.24	13.94	
318-U1355A_211	6.50	1.41	30.40	10.20	134.0	51.8	260.0	54.7	500.0	101.8	10410	1.22	273.0	276.0	0.99	7.60	25.97	10.23	
318-U1357A-6	1.90	0.15	11.14	3.97	49.5	19.2	95.2	20.3	189.0	37.7	9160	1.10	96.4	314.0	0.31	7.62	9.49	6.77	
318-U1357A-7	1.57	0.33	9.50	3.13	39.6	15.3	80.7	18.1	182.0	40.2	12410	1.29	145.7	305.0	0.48	10.15	8.51	5.48	
318-U1357A-9	31.00	7.00	68.00	16.50	181.0	65.9	309.0	62.2	556.0	113.0	10490	0.63	154.0	367.0	0.42	6.24	32.62	28.32	S
318-U1357A-10	7.55	0.77	42.70	12.44	146.8	51.9	231.3	44.1	379.7	73.4	9980	1.27	122.1	163.7	0.75	5.00	24.20	10.71	
318-U1357A-11	6.65	1.23	34.60	11.17	138.2	51.5	243.0	47.9	424.0	84.7	10790	0.76	111.1	114.6	0.97	6.13	25.25	14.45	
318-U1357A-12	4.30	0.85	24.70	8.73	111.7	42.6	204.0	41.6	368.0	74.7	10420	0.66	115.6	121.2	0.95	6.69	21.09	12.67	
318-U1357A-13	12.00	0.86	63.60	20.80	257.0	91.0	389.0	70.4	542.0	93.6	7609	2.89	79.0	137.5	0.57	3.64	40.50	10.45	
318-U1357A-14	2.29	0.57	12.40	3.81	47.9	18.2	90.3	19.6	190.0	40.7	10680	0.80	107.0	104.0	1.03	8.50	9.88	6.06	
318-U1357A-15	5.08	0.72	23.65	7.66	90.8	31.8	148.4	29.0	252.7	48.8	9220	0.57	57.2	154.6	0.37	5.37	15.29	10.54	
318-U1357A-16	2.55	0.53	9.98	3.03	35.1	12.4	59.0	12.4	114.0	23.8	9690	0.87	98.0	81.0	1.21	6.78	7.13	6.39	
318-U1357A-17	5.93	0.32	37.40	13.59	179.0	67.8	319.0	61.9	535.0	103.6	11070	0.78	107.8	286.0	0.38	5.79	31.55	28.71	S
318-U1357A-18	5.74	3.27	15.10	4.55	54.8	21.0	106.0	24.7	256.0	59.5	9230	0.50	192.0	331.0	0.58	10.86	12.00	9.42	
318-U1357A-22	2.76	0.21	17.94	6.17	82.6	31.8	153.5	31.3	281.4	57.1	10940	0.51	56.2	121.5	0.46	6.91	15.14	17.97	S
318-U1357A-23	2.78	0.16	19.41	6.84	90.4	35.6	177.3	36.3	330.9	67.4	11510	0.73	66.3	121.3	0.55	7.46	17.31	20.39	S
318-U1357A-27	1.51	0.31	10.48	3.71	50.4	19.6	98.4	20.9	196.1	40.5	10170	0.47	36.3	49.3	0.74	8.03	9.79	10.06	
318-U1357A-28	8.84	2.96	48.40	15.93	203.9	76.0	353.9	69.1	600.0	121.4	8820	1.16	157.5	127.0	1.24	5.95	38.61	23.35	
318-U1357A-29	11.60	4.00	29.80	9.26	100.0	32.7	143.9	29.3	269.9	55.2	10000	2.49	254.0	556.9	0.46	5.52	17.41	24.84	
318-U1357A-30	4.51	0.42	26.10	8.45	103.7	38.2	175.6	34.8	302.8	59.7	10220	0.87	72.7	107.6	0.68	5.76	18.26	9.71	
318-U1357A-31	4.02	1.06	13.70	3.52	38.4	14.2	64.7	13.0	128.0	23.9	9950	1.38	88.0	283.0	0.31	6.22	7.38	6.39	
318-U1357A-32	3.81	1.16	21.90	6.98	98.8	39.7	204.5	45.7	453.0	100.5	12220	2.81	302.0	638.0	0.47	10.17	22.55	11.52	
318-U1357A-33	7.70	0.82	30.80	9.06	104.3	36.5	163.0	31.1	263.9	49.7	9890	1.33	126.5	148.4	0.85	4.77	18.14	9.84	
318-U1357A-35	1.67	0.15	12.95	5.22	73.9	29.9	157.1	35.3	332.0	70.1	14000	1.98	102.6	345.0	0.30	9.49	15.39	11.84	
318-U1357A-36	5.91	1.29	26.70	7.82	87.4	30.9	142.2	28.1	248.9	50.6	9540	0.83	129.2	146.7	0.88	5.79	15.88	11.68	
318-U1357A-37	23.80	8.20	94.00	24.00	244.0	79.8	338.0	65.0	553.0	110.1	9000	0.94	512.0	362.1	1.41	4.51	45.65	15.52	
318-U1357A-39	6.53	1.76	23.90	6.14	65.1	21.3	91.7	17.8	152.5	29.6	9370	0.52	70.5	30.9	2.28	4.55	10.72	9.48	
318-U1357A-41	2.16	0.60	11.12	3.35	37.2	13.7	66.2	13.7	128.7	27.5	11120	0.46	103.0	121.0	0.85	7.39	7.66	5.20	
318-U1357A-42	3.99	0.74	24.80	9.08	112.8	44.3	211.0	44.3	399.0	80.5	11390	0.76	98.0	134.1	0.73	7.14	21.59	19.29	S
318-U1357A-43	7.90	1.98	45.20	14.47	187.5	69.4	330.0	66.5	575.0	115.2	12680	1.93	306.0	430.3	0.71	6.14	35.15	15.52	
318-U1357A-44	12.40	2.85	37.90	10.63	122.8	45.3	221.0	47.0	443.0	92.8	9840	1.79	345.0	544.0	0.63	7.56	25.72	17.71	
318-U1357A-45	4.94	1.32	19.70	5.32	58.0	19.2	86.9	17.2	154.1	30.8	9790	0.62	95.2	56.7	1.68	5.30	10.19	6.16	
318-U1357A-46	5.67	0.60	28.10	8.71	102.1	36.2	164.9	31.6	268.0	52.8	10760	0.82	231.0	119.6	1.93	5.17	17.63	12.12	
318-U1357A-47	4.27	0.48	25.00	7.81	95.7	33.2	151.2	29.8	254.2	48.3	11970	0.73	163.4	292.0	0.56	5.05	16.59	9.14	
318-U1357A-50	6.10	2.10	19.90	4.77	47.2	15.1	65.0	12.5	108.0	23.2	10170	0.31	158.0	182.0	0.87	4.92	8.31	4.94	
318-U1357A-53	3.12	0.84	12.60	3.78	41.6	14.6	68.4	13.8	125.0	27.0	8990	0.41	130.0	125.0	1.04	6.49	8.01	5.97	
318-U1357A-54	7.13	1.93	28.10	8.08	92.3	31.3	149.3	30.6	283.0	58.2	10410	1.67	199.3	633.0	0.31	6.31	17.03	15.45	S
318-U1357A-55	3.12	0.30	19.20	7.08	98.3	39.3	197.1	41.4	376.0	76.4	12330	1.15	67.4	293.0	0.23	7.77	19.34	18.77	S
318-U1357A-57	8.12	1.04	33.30	9.34	100.3	32.8	141.8	26.9	232.0	44.0	10690	1.06	140.0	247.0	0.57	4.39	16.05	9.13	
318-U1357A-59	7.41	1.07	34.90	11.31	139.2	52.1	260.0	54.7	498.0	103.2	10110	0.63	97.7	306.0	0.32	7.41	26.15	27.10	S
318-U1357A-60	12.00	3.63	41.40	12.97	154.1	51.3	234.0	45.5	394.0	74.2	11040	0.78	90.6	190.8	0.47	4.82	26.30	43.23	
318-U1357A-61	2.02	0.15	16.45	7.01	97.7	40.0	200.5	41.2	367.8	74.9	14730	1.71	63.9	213.8	0.30	7.67	19.72	22.94	S
318-U1357A-63	3.39	1.03	19.20	6.86	91.8	37.7	199.0	44.1	427.0	92.8	9630	1.08	224.0	208.0	1.08	10.11	20.87	12.68	
318-U1357A-64	2.00	0.48	11.19	3.51	45.0	17.5	90.6	20.1	193.0	41.7	10850	1.85	186.0	198.0	0.94	9.27	10.23	4.94	
318-U1357A-66	4.65	0.55	17.62	4.64	49.5	16.0	69.8	13.3	114.1	22.5	10130	0.66	84.0	100.0	0.84	4.55	7.80	8.56	
318-U1357A-68	12.60	3.02	46.50	14.30	164.0	53.5	231.0	43.2	364.0	69.7	10160	0.70	123.8	184.6	0.67	4.25	25.76	27.87	S
318-U1357A-69	3.67	0.59	17.30	6.23	81.5	32.6	164.0	35.6	333.1	70.4	11380	1.20	144.0	164.3	0.88	8.64	17.31	14.26	
318-U1357A-72	9.88	0.76	38.20	11.31	127.2	42.3	188.0	35.9	307.0	59.2	11140	0.84	243.9	336.0	0.73	4.65	21.22	20.81	S
318-U1357A-75	2.62	0.65	13.50	4.37	55.3	20.8	106.8	22.9	228.0	50.6	9810	0.33	44.0	55.9	0.79	9.15	11.13	8.87	
318-U1357A-76	1.62	0.49	6.61	1.86	21.0	7.2	35.0	7.4	71.0	15.6	9300	0.57	113.3	152.0	0.75	7.43	4.85	3.93	
318-U1357A-77	2.33	0.41	15.00	5.48	75.1	30.1	158.1	34.7	312.0	62.3	10780	2.31	172.1	192.5	0.89	8.30	16.54	9.74	
318-U1357A-78	6.17	1.11	22.90	6.23	64.3	19.9	84.3	16.1	134.9	25.8	10470	0.68	93.2	138.0	0.68	4.02	9.86	6.19	
318-U1357A-79	12.58	1.58	48.00	12.94	140.6	45.9	198.8	36.0	302.0	57.2	9120	0.51	153.9	228.5	0.67	4.07	22.53	8.39	
318-U1357A-81	5.33	0.94	26.30	8.69	110.0	39.9	186.0	37.5	324.0	64.9	9790	0.44	68.4	70.2	0.97	5.90	19.27	13.16	
318-U1357A-82	7.78	0.82	38.30	12.51	154.6	57.8	277.4	55.1	483.6	95.5	10150	1.02	248.9	232.8	1.07	6.18	28.00	26.87	S
318-U1357A-83	3.51	0.67	20.34	7.09	92.0	35.3	172.3	36.0	336.2	71.4	9910	0.87	100.5	106.3	0.95	7.76	18.33	13.35	
318-U1358A_1	4.60	0.62	16.20	4.20	41.9	12.3	51.0	9.3	75.6	14.9	9660	0.43	63.7	42.9	1.48	3.56	5.89	7.13	
318-U1358A_3	2.24	0.46	12.70	4.09	50.1	19.5	99.2	20.1	192.7	41.5	10580	0.64	61.8	91.2	0.68	8.28	10.29	7.45	
318-U1358A_4	1.80	0.46	9.40	3.73	50.6	18.7	93.0	21.7	202.0	44.1	12710	2.14	184.0	671.0	0.27	8.72	10.26	6.87	
318-U1358A_5	2.07	0.15	11.90	4.43	59.1	23.4	114.3	23.6	213.8	43.6	11210	1.37	132.7	281.0	0.47	7.38	11.20	6.97	
318-U1358A_6	3.58	0.80	17.40	4.81	49.3	15.3	60.2	10.7	95.0	18.9	15070	0.75	113.0	691.0	0.16	3.83	7.49	8.87	
318-U1358A_7	4.00	0.30	16.70	5.13	49.0	14.1	55.2	11.3	105.7	21.9	11770	0.24	35.4	267.6	0.13	4.47	7.32	10.74	
318-U1358A_9	21.50	4.97	87.10	23.01	246.9	83.8	361.9	65.6	544.0	107.5	8960	1.72	531.0	402.0	1.32	4.35	39.68	16.03	
318-U1358A_10	5.20	2.20	17.60	4.22	40.2	12.7	55.1	9.8	84.0	16.9	9050	0.26	61.0	105.0	0.58	4.20	6.63	6.13	
318-U1358A_11	2.51	1.27	12.80	3.85	47.0	18.4	91.2	19.3	182.4	40.1	7870	0.25	52.8	65.9	0.80	8.53	9.24	8.19	
318-U1358A_12	4.40	1.26	22.40	7.68	83.8	30.8	146.1	31.7	290.0	62.5	9110	1.27	205.0	412.0	0.50	7.46	15.64	8.84	
318-U1358A_14	15.10	0.21	54.30	12.10	102.7	26.5	93.4	14.7	105.6	18.6	11550	0.27	170.0	272.0	0.63	1.81	12.45	18.74	
318-U1358A_16	2.06	0.28	7.80	2.51	30.5	10.6	49.7	10.0	85.8	17.3	9740	1.04	51.8	95.0	0.55	5.67	5.22	5.90	
318-U1358A_19	8.40	2.59	43.20	13.00	150.0	52.8	239.0	46.0	398.0	79.7	8790	0.52	184.0	132.9	1.38	5.31	25.27	7.74	
318-U1358A_20	2.61	0.45	12.00	3.02	34.6	12.5	56.9	11.9	109.0	21.8	10190	0.50	102.0	103.0	0.99	6.30	6.70	7.74	
318-U1358A_21	9.20	1.49	32.70	9.65	120.1	44.3	212.4	43.1	382.0	79.7	9570	0.92	121.8	99.6	1.22	6.64	22.92	35.81	
318-U1358A_23	0.32	0.14	3.51	1.78	29.5	11.2	52.7	9.2	69.0	13.8	12490	2.20	10.0	258.0	0.04	4.67	5.36	3.61	
318-U1358A_24	8.60	0.77	30.30	9.22	83.5	19.6	62.2	8.7	53.6	7.7	13390	0.40	103.8	359.0	0.29	0.92	9.53	10.10	
318-U1358A_26	3.31	1.66	16.70	5.16	61.1	22.7	117.0	26.1	258.0	59.8	8270	0.30	101.7	122.2	0.83	9.79	11.82	6.55	
318-U1358A_30	5.30	1.13	19.10	3.54	25.7	6.8	29.0	6.3	58.0	12.7	14130	0.43	75.0	349.0	0.21	4.94	4.10	6.68	
318-U1358A_32	10.50	1.05	39.50	10.00	102.0	32.5	134.0	25.7	210.0	42.2	11060	0.79	241.0	266.0	0.91	4.14	15.30	31.94	
318-U1358A_33	5.60	2.21	28.10	7.70	92.6	33.3	159.0	32.1	294.0	60.4	10590	0.67	200.0	373.0	0.54	6.52	17.06	6.74	
318-U1358A_35	7.10	1.71	22.90	4.71	44.4	12.6	53.2	9.8	80.3	15.6	11210	0.61	164.6	213.0	0.77	3.52	7.03	3.55	
318-U1358A_38	5.80	2.44	22.90	9.71	121.9	45.7	222.0	43.2	373.0	73.7	14810	1.41	82.2	910.0	0.09	6.05	23.22	23.26	S
318-U1358A_39	5.40	0.21	30.80	10.88	129.7	47.2	222.0	42.8	382.0	75.4	12160	0.76	93.0	299.0	0.31	5.81	21.74	40.65	
318-U1358A_40	3.21	1.49	21.10	7.69	108.1	45.2	236.2	54.8	557.0	121.3	11340	2.06	19.0	197.0	0.10	11.22	21.25	32.77	
318-U1358A_41	1.90	0.34	11.10	3.37	42.4	16.2	78.5	15.0	137.5	26.7	7080	0.52	14.4	29.6	0.49	6.30	7.64	6.10	
318-U1358A_43	4.10	0.67	23.90	8.13	110.1	44.9	221.2	44.4	412.0	86.8	8520	0.76	275.0	298.0	0.92	7.88	20.68	11.90	
318-U1358A_45	9.30	1.27	49.50	14.80	177.0	62.3	286.0	53.5	459.0	88.2	8240	0.82	225.0	243.0	0.93	4.98	28.85	9.42	
318-U1358A_46	3.85	1.10	16.60	4.38	44.7	14.9	65.6	13.6	124.8	25.2	10170	2.44	253.7	309.0	0.82	5.64	8.85	6.23	
318-U1358A_47	4.05	0.54	24.20	8.77	117.6	45.3	239.0	53.6	522.0	109.8	12950	0.91	58.0	427.0	0.14	9.34	22.85	28.00	S

318-U1358A_66	2602	134	7/6	0.4661	0.0093	11.2500	0.8700	0.1746	0.0140	2464	41	2536	73	2602	134	97	3	396	6.2	648	455000	Below LOD	8.80	0.070	1.25	2.24	0.39	13.50	4.49	56.7	20.3	99.0	20.8	188.0	39.6	10840	0.73	48.2	201.0	0.24	6.98	10.27	12.77	
318-U1358A_67	340	12	Pbcor6/38	0.0544	0.0019	0.4220	0.0680	0.0576	0.0096	342	12	353	47	514	366	102	13	1760	11.0	4240	426400	Below LOD	5.10	0.210	3.60	11.90	0.79	72.00	25.50	354.0	138.0	663.0	133.0	1146.0	225.0	10360	0.68	211.0	572.0	0.37	6.36	64.15	56.77	S
318-U1358A_68	606	25	6/38	0.0987	0.0043	0.9300	0.1700	0.0730	0.0150	606	25	621	100	1013	416	98	16	69	Below LOD	90	464600	Below LOD	0.12	Below LOD	Below LOD	Below LOD	Below LOD	2.21	0.84	9.8	2.7	7.7	1.0	8.0	1.5	12170	1.51	0.2	45.0	0.00	1.50	1.27	2.23	
318-U1358A_69	1799	216	7/6	0.2583	0.0083	3.8500	0.4400	0.1100	0.0130	1480	42	1587	95	1799	216	93	6	408	12.6	708	439000	0.109	13.33	0.160	1.94	1.90	0.46	11.30	4.46	58.0	23.3	117.3	27.8	244.8	52.0	10500	1.16	70.5	121.5	0.58	8.97	11.51	13.16	
318-U1358A_70	559	13	Pbcor6/38	0.0924	0.0023	0.9200	0.1200	0.0754	0.0110	570	13	661	72	1078	292	104	10	309	18.0	500	465000	0.290	6.15	0.930	8.60	9.70	1.21	32.90	7.42	66.6	17.3	61.7	10.1	73.8	13.7	9570	0.17	139.0	163.3	0.85	2.05	8.18	9.97	
318-U1358A_71	1818	147	7/6	0.3213	0.0043	4.9300	0.3800	0.1112	0.0090	1795	21	1803	65	1818	147	100	4	203	10.8	1423	458800	0.314	15.82	0.566	8.23	11.90	2.17	48.40	13.73	144.4	48.2	209.5	38.6	329.7	63.5	8210	0.74	185.1	256.0	0.72	4.40	22.51	6.55	
318-U1358A_72	544	27	6/38	0.0881	0.0045	0.9000	0.2100	0.0830	0.0210	544	27	530	130	1268	494	103	26	166	17.3	210	470700	Below LOD	5.64	0.088	0.92	1.57	0.44	6.99	1.94	22.0	7.1	29.5	5.9	49.5	9.4	9670	0.29	8.8	20.9	0.42	4.29	3.42	5.35	
318-U1358A_73	617	15	Pbcor6/38	0.1009	0.0025	0.8770	0.0990	0.0638	0.0073	620	15	634	58	734	242	101	9	549	9.4	1101	456700	0.057	12.06	0.352	5.60	10.60	0.77	40.10	10.93	119.9	38.0	159.7	29.5	248.5	47.6	10160	0.36	65.7	137.3	0.48	3.97	17.57	17.71	S
318-U1358A_74	518	10	Pbcor6/38	0.0842	0.0017	0.7120	0.0740	0.0622	0.0069	521	10	537	44	680	238	101	8	876	14.2	1719	469300	Below LOD	2.36	0.155	2.59	5.87	0.21	42.90	13.79	165.8	57.2	255.7	48.8	402.0	80.2	11320	0.59	81.7	214.8	0.38	4.84	26.35	28.26	S
318-U1358A_77	2455	137	7/6	0.5345	0.0078	11.6200	0.8600	0.1600	0.0130	2765	31	2570	70	2455	137	108	3	727	10.9	1120	459400	0.123	4.50	0.470	6.30	12.00	0.57	54.20	13.90	131.0	35.3	126.0	20.6	154.0	26.4	11360	0.28	40.6	140.0	0.29	2.02	17.27	23.45	
318-U1358A_79	1054	236	7/6	0.1623	0.0045	1.3700	0.1600	0.0745	0.0087	969	25	865	66	1054	236	112	9	172	6.7	403	445700	Below LOD	9.05	Below LOD	0.86	1.41	0.34	5.80	2.19	30.6	12.1	64.4	14.4	144.3	32.4	9740	0.37	60.3	140.7	0.43	10.59	6.57	5.55	
318-U1358A_80	1694	212	7/6	0.2238	0.0052	3.1500	0.3300	0.1039	0.0120	1301	28	1428	85	1694	212	91	6	1700	8.6	1078	442800	0.500	7.70	0.430	5.20	4.60	0.88	26.10	8.27	101.2	36.4	168.8	31.8	281.0	56.4	7550	0.71	58.8	90.9	0.65	5.57	16.88	54.84	
318-U1358A_81	910	12	6/38	0.1517	0.0022	1.6460	0.1300	0.0962	0.0082	910	12	984	51	1551	160	92	5	312	48.0	2006	458900	Below LOD	12.40	0.156	2.23	7.80	1.30	47.00	14.14	186.6	69.9	328.9	62.7	537.0	107.1	9330	0.91	158.0	285.0	0.55	5.74	31.27	10.06	
318-U1358A_82	595	13	6/38	0.0967	0.0021	0.8260	0.0970	0.0629	0.0077	595	13	601	55	704	260	99	9	159	4.2	318	450000	Below LOD	31.30	0.058	0.69	1.53	0.37	6.70	2.19	26.2	9.6	46.6	10.9	96.0	21.9	10230	0.90	138.1	165.8	0.83	8.37	5.96	5.13	
318-U1358A_83	2119	146	7/6	0.3332	0.0049	5.9700	0.4500	0.1316	0.0110	1853	24	1968	66	2119	146	94	3	212	11.8	815	463000	0.044	15.00	0.229	2.68	5.67	1.15	25.90	7.50	81.0	27.0	118.4	22.7	203.4	40.2	8740	0.69	120.4	210.0	0.57	4.96	13.14	6.84	
318-U1358A_84	604	26	6/38	0.0985	0.0045	1.0200	0.1400	0.0775	0.0110	604	26	681	70	1133	282	89	10	213	5.5	256	461300	Below LOD	6.96	0.081	0.89	1.22	0.05	7.34	1.86	22.9	8.5	45.3	11.2	109.6	22.4	10310	0.31	47.9	60.4	0.79	9.77	4.35	6.87	
318-U1358A_85	1812	146	7/6	0.3118	0.0030	4.7100	0.3600	0.1108	0.0089	1749	15	1763	64	1812	146	99	4	403	Below LOD	622	463800	0.033	11.60	0.096	0.31	1.31	0.20	7.64	3.52	50.1	19.3	97.0	21.4	202.2	43.2	13710	2.48	40.4	304.6	0.13	8.62	10.01	13.00	
318-U1358A_86	2609	133	7/6	0.4640	0.0140	10.9700	0.8500	0.1754	0.0140	2453	61	2515	73	2609	133	98	4	549	Below LOD	1157	450400	Below LOD	17.20	Below LOD	0.60	1.76	0.13	13.00	5.57	88.8	37.1	200.5	42.6	399.0	82.3	12220	1.97	100.0	211.0	0.47	9.27	18.35	17.71	S
318-U1358A_87	629	14	6/38	0.1026	0.0024	0.8890	0.0840	0.0650	0.0067	629	14	642	45	773	216	98	7	475	8.6	1086	439600	0.320	15.90	0.208	1.13	1.50	0.42	13.90	6.19	85.6	34.4	164.8	32.9	277.1	57.0	11490	5.54	90.2	479.0	0.19	6.66	16.79	15.32	S
318-U1358A_89	1752	152	7/6	0.3052	0.0068	4.4700	0.3700	0.1072	0.0089	1716	33	1716	67	1752	152	100	4	339	3.8	721	494500	Below LOD	15.88	0.103	0.93	2.37	0.15	13.80	4.57	60.5	22.3	114.4	24.4	233.0	50.7	12670	0.90	87.5	218.0	0.40	8.38	11.73	10.94	
318-U1358A_91	914	16	Pbcor6/38	0.1544	0.0028	1.6800	0.1600	0.0813	0.0076	925	16	999	60	1228	184	102	6	716	7.8	3000	434500	1.110	31.90	0.880	6.80	8.10	0.54	53.60	19.80	248.0	98.6	494.0	98.6	900.0	183.9	10220	1.18	243.0	817.0	0.30	7.42	47.00	23.10	
318-U1358A_92	1151	170	7/6	0.1793	0.0026	1.9030	0.1600	0.0782	0.0067	1063	14	1074	56	1151	170	99	5	392	8.6	1031	458900	Below LOD	9.06	0.042	0.67	2.27	0.09	17.80	6.71	91.5	34.8	171.9	35.2	307.8	62.3	11940	1.26	115.4	275.4	0.42	6.81	16.20	12.65	
318-U1358A_93	617	9	Pbcor6/38	0.1003	0.0016	0.8060	0.0750	0.0594	0.0057	616	9	594	41	581	208	101	7	216	8.9	733	456800	Below LOD	14.54	0.065	1.48	3.60	0.44	20.80	6.36	71.5	25.4	110.1	21.5	196.1	38.3	10260	0.74	129.5	296.8	0.44	5.36	11.82	6.97	
318-U1358A_95	864	13	6/38	0.1435	0.0022	1.2010	0.1100	0.0738	0.0069	864	13	795	50	1035	189	109	7	288	Below LOD	903	445600	Below LOD	8.63	0.051	0.92	2.56	0.56	17.00	5.82	74.6	29.8	152.0	31.1	283.0	60.7	10330	0.63	116.6	273.9	0.43	8.14	14.22	9.29	
318-U1358A_96	962	220	7/6	0.1848	0.0038	1.7500	0.1800	0.0712	0.0077	1093	20	1010	68	962	220	108	8	271	4.9	1618	457600	0.084	21.34	0.649	9.30	11.30	3.77	50.20	14.87	164.2	56.1	249.5	47.7	407.4	82.2	7289	0.57	127.9	110.0	1.16	5.01	26.01	8.74	
318-U1358A_97	1767	162	7/6	0.3252	0.0067	4.7400	0.4100	0.1081	0.0096	1814	33	1761	73	1767	162	103	5	336	11.5	842	454200	0.350	24.40	0.209	2.34	4.44	0.92	21.50	6.45	77.4	28.2	129.8	25.9	226.8	45.4	8870	1.01	92.2	101.9	0.90	5.87	13.80	10.84	
318-U1358A_99	2464	136	7/6	0.4440	0.0055	9.5200	0.7300	0.1609	0.0130	2368	24	2384	72	2464	136	99	3	636	5.6	1245	449200	Below LOD	1.96	0.063	0.71	3.07	0.13	22.80	7.98	107.2	41.8	203.8	42.1	357.0	72.6	10310	0.55	63.5	239.4	0.27	6.77	19.10	20.52	S
318-U1358A_101	2239	147	7/6	0.3500	0.0050	6.7000	0.5300	0.1410	0.0120	1934	24	2068	71	2239	147	94	3	286	Below LOD	476	489700	0.059	4.58	Below LOD	0.50	0.94	0.24	6.90	2.74	38.5	15.3	80.2	17.4	173.0	38.8	13550	0.72	25.1	229.0	0.11	10.08	7.68	9.23	
318-U1358A_102	572	9	Pbcor6/38	0.0930	0.0015	0.7810	0.0760	0.0612	0.0060	573	9	579	43	645	210	100	8	508	12.1	786	470100	Below LOD	3.61	0.213	2.56	6.21	0.48	29.40	7.91	83.1	27.0	113.3	21.4	181.6	36.2	10260	0.36	73.6	273.9	0.27	4.36	12.33	16.39	
318-U1358A_103	3207	118	7/6	0.5340	0.0210	15.4200	1.2000	0.2537	0.0190	2751	88	2834	76	3207	118	97	4	159	5.9	544	460000	1.650	19.50	0.750	4.40	2.57	0.87	9.20	3.32	39.2	16.0	88.2	20.4	214.1	50.9	12390	2.06	132.0	512.0	0.26	12.98	9.36	5.13	
318-U1358A_106	1717	161	7/6	0.3323	0.0055	4.7100	0.4000	0.1052	0.0092	1848	27	1756	71	1717	161	105	5	181	17.4	632	463100	Below LOD	11.16	0.390	5.72	7.60	0.99	26.80	6.97	69.4	21.8	91.1	16.4	133.6	25.7	8490	0.53	79.4	94.7	0.84	3.70	10.18	5.84	
318-U1358A_108	1851	152	7/6	0.3312	0.0049	5.0300	0.4000	0.1132	0.0095	1844	24	1824	63	1851	152	101	4	376	12.9	1024	459100	0.071	27.40	0.132	2.75	4.75	0.70	24.50	8.10	94.3	34.6	160.9	31.4	271.0	54.8	9550	1.13	132.0	156.0	0.85	5.81	16.67	12.13	
318-U1358A_110	1252	195	7/6	0.2036	0.0038	2.2200	0.2000	0.0823	0.0082	1194	20	1197	59	1252	195	100	5	238	11.2	595	470500	Below LOD	10.47	0.050	0.73	2.19	0.27	10.60	3.68	52.4	19.9	101.3	21.0	187.0	40.1	11170	0.96	75.9	147.0	0.52	7.65	9.62	7.68	
318-U1358A_111	2439	31	7/6	0.4663	0.0059	10.8700	1.0000	0.1585	0.0029	2467	26	2509	88	2439	31	98	4	255	14.9	605	454000	0.350	11.74	0.740	5.60	4.61	1.04	15.90	4.86	54.4	19.8	95.0	19.3	176.0	37.0	9230	0.60	120.0	302.0	0.40	6.80	9.82	8.23	
318-U1358A_112	1707	58	7/6	0.3128	0.0074	4.6600	0.4700	0.1046	0.0033	1754	36	1756	86	1707	58	100	5	364	Below LOD	1340	491100	0.420	20.10	0.570	4.20	9.20	0.42	41.40	11.80	134.0	45.6	204.0	40.9	368.0	70.3	12830	2.82	425.0	642.0	0.66	5.25	21.55	11.74	
318-U1358A_116	698	13	6/38	0.1143	0.0022	0.9830	0.1000	0.0764	0.0034	698	13	693	51	1105	89	101	8	639	6.4	1517	469500	Below LOD	6.45	Below LOD	0.91	4.00	0.25	26.40	10.05	134.0	51.7	248.3	46.7	427.0	86.0	11880	0.60	138.0	362.0	0.38	6.42	23.45	20.61	S
318-U1358A_117	2015	41	7/6	0.3559	0.0073	6.3500	0.6100	0.1241	0.0029	1962	35	2023	83	2015	41	97	4	135	Below LOD	402	466000	0.960	13.60	0.800	5.70	3.20	0.66	8.00	2.52	29.6	12.8	64.7	13.7	136.2	30.4	11630	1.89	134.5	642.0	0.21	10.27	6.71	4.35	
318-U1358A_118	602	14	6/38	0.0979	0.0024	0.8680	0.1000	0.0610	0.0048	602	14	623	58	638	169	97	9	282	14.2	571	456400	Below LOD	3.52	0.159	2.51	5.00	0.20	22.60	6.26	64.0	19.2	78.9	14.5	113.2	21.7	9910	0.58	130.0	129.8	1.00	3.39	8.95	9.10	
318-U1358A_120	272	8	Pbcor6/38	0.0436	0.0013	0.3880	0.0560	0.0602	0.0066	275	8	325	40	610	236	93	11	294	14.0	1350	461900	0.125	10.53	0.205	3.92	6.59	2.16	34.40	10.37	122.0	43.7	212.0	40.8	368.0	75.5	7470	0.36	134.0	194.0	0.69	6.19	21.17	9.48	
318-U1358A_124	1895	70	7/6	0.3273	0.0084	5.5100	0.5600	0.1160	0.0045	1824	41	1893	87	1895	70	96	5	226	12.1	1810	448000	0.076	11.85	0.300	3.80	6.34	0.26	35.10	13.10	172.0	63.9	291.0	54.8	452.0	83.5	10750	8.70	100.6	182.0	0.55	4.85	28.00	7.29	
318-U1358A_126	607	22	Pbcor6/38	0.1001	0.0038	1.0600	0.2000	0.0710	0.0110	614	22	691	99	956	316	93	13	205	12.6	321	451400	Below LOD	30.00	Below LOD	1.22	2.16	0.33	9.60	2.77	29.3	10.4	47.5	9.7	91.0	18.6	9440	0.49	91.1	58.3	1.56	6.35	5.95	6.61	
318-U1358A_128	1854	49	7/6	0.3121	0.0056	5.0900	0.5100	0.1134	0.0031	1751	27	1831	83	1854	49	96	5	327	5.0	781	489000	0.400	20.50	0.870	7.50	8.30	0.98	27.00	6.79	77.0	25.4	110.4	21.6	184.4	35.9	13030	2.07	217.9	465.0	0.47	4.66	12.71	10.55	
318-U1358A_129	577	10	Pbcor6/38	0.0942	0.0017	0.8520	0.0910	0.0643	0.0035	581	10	624	50	751	115	98	8	336	14.0	640	507000	0.190	1.44	0.240	1.91	4.60	0.33	25.70	7.12	73.3	20.1	78.0	12.5	99.0	17.4	17190	0.36	51.0	761.0	0.07	2.37	9.85	10.84	
318-U1358A_130	624	13	Pbcor6/38	0.1021	0.0021	0.9550	0.1100	0.0649	0.0044	626	13	671	58	770	143	96	8	191	15.4	436	472000	0.085	14.55	0.109	1.44	2.39	0.78	10.50	3.10	37.1	13.6	65.6	13.7	132.7	26.7	11120	0.54	93.4	216.0	0.43	7.20	7.21	6.16	
318-U1358A_132	554	11	Pbcor6/38	0.0901	0.0018	0.8080	0.0910	0.0618	0.0038	556	11	595	51	666	132	96	8	597	10.8	1864	461000	Below LOD	2.95	0.171	3.48	7.80	0.40	46.30	14.41	175.8	63.7	292.0	55.7	470.0	91.5	9100	0.58	131.4	239.0	0.55	5.20	28.60	19.26	
318-U1358A_133	3317	18	7/6	0.7520	0.0390	30.1000	3.3000	0.2721	0.0031	3590	150	3467	110	3317	18	104	5	280	4.8	520	453200	Below LOD	4.30	Below LOD	0.38	1.26	0.26	5.90	2.61	37.4	16.0	84.0	20.5	206.0	46.6	11850	1.00	21.9	306.0	0.07	12.46	8.31	9.03	
318-U1358A_136	2381	51	7/6	0.4570	0.0089	10.1700	1.0000	0.1532	0.0046	2425	40	2439	95	2381	51	99	4	422	6.1	518	463500	0.064	9.90	0.335	2.59	4.73	1.15	15.20	4.41	48.4	16.9	77.9	18.4	197.1	47.3	11420	0.77	57.5	103.8	0.55	9.77	8.87	13.61	
318-U1358A_141	2402	30	7/6	0.4296	0.0061	9.6200	0.9100	0.1551	0.0027	2303	28	2397	88	2402	30	96	4	300	51.0	703	467200	Below LOD	16.35	0.023	Below LOD	1.47	0.19	10.40	3.85	54.5	21.5	112.6	24.2	222.7	46.2	12070	3.16	87.7	281.6	0.31	8.47	11.25	9.68	
318-U1358A_142	519	8	Pbcor6/38	0.0848	0.0014	0.8100	0.0850	0.0671	0.0033	525	8	601	48	840	102	97	7	620	5.3	948	491000	0.043	0.45	0.065	Below LOD	2.03	Below LOD	16.70	7.71	88.2	28.7	120.0	25.4	249.0	53.0	15740	1.24	13.5	778.0	0.02	6.01	14.63	20.00	
318-U1358A_143	722	14	Pbcor6/38	0.1201	0.0024	1.3050	0.1400	0.0740	0.0047	731	14	843	62	1041	128	95	7	307	4.4	1563	436400	0.270	16.80	0.320	4.00	4.70	0.55	28.40	10.72	146.6	53.4	251.0	49.2	413.0	78.3	11340	12.19	179.4	421.0	0.43	5.34	24.52	9.90	
318-U1358A_145	114	4	Pbcor6/38	0.0179	0.0006	0.1340	0.0220	0.0526	0.0075	114	4	126	20	311	324	97	15	350	14.3	1045	487000	Below LOD	34.70	0.093	2.01	3.87	0.96	21.90	7.39	86.5	33.6	165.0	34.4	315.0	68.4	9980	1.23	325.9	408.2	0.80	7.91	17.26	11.29	
318-U1358A_148rim	410	13	Pbcor6/38	0.0657	0.0022	0.4960	0.0850	0.0546	0.0086	410	13	415	64	395	354	100	16	162	4.7	583	502000	Below LOD	10.97	0.112	1.03	2.06	0.55	9.20	3.35	44.2	18.0	93.2	21.4	216.0	46.4	10780	0.83	143.0	267.0	0.54	10.50	9.44	5.23	
318-U1358A_148core	509	11	Pbcor6/38	0.0825	0.0018	0.7350	0.0870	0.0611	0.0044	511	11	554	51	642	155	95	9	212	8.1	857	436200	0.230	18.97	0.335	4.05	6.90	1.35	30.00	8.34	87.6	28.7	127.9	26.3	233.5	46.4	9090	0.82	241.0	350.0	0.69	5.30	14.11	6.84	
318-U1358A_149	4274	49	7/6	0.9270	0.0450	70.2000	7.8000	0.5130	0.0170	4220	150	4323	110	4278	49	98	4	115	19.0	117	205300	0.130	2.93	0.070	0.84	0.57	0.62	3.30	0.59	9.7	3.2	18.9	3.9	42.6	10.3	4360	0.60	56.6	85.1	0.67	10.63	2.00	3.71	
318-U1358A_150	930	20	Pbcor6/38	0.1553	0.0037	1.6300	0.1900	0.0711	0.0049	930	20	977	71	959	141	96	7	389	12.7	1318	452000	0.058	15.50	0.236	2.90	6.30	0.98	29.70	10.23	117.0	43.5	208.4	40.7	365.0	74.3	9010	0.56	160.0	172.0	0.93	6.35	20.77	12.55	
318-U1358A_151	1242	74	7/6	0.2148	0.0038	2.5230	0.2500	0.0819	0.0031	1254	20	1273	72	1242	74	99	6	206	Below LOD	1228	464200	0.075	28.60	0.880	11.40	15.30	3.65	52.80	13.94	136.0	42.1	173.9	31.5	266.0	51.2	8380	0.56	275.0	200.3	1.37	3.76	20.21	6.65	
318-U1358A_152	1994	81	7/6	0.3214	0.0055	5.6700	0.5800	0.1226	0.0056	1796	27	1915	86	1994	81	94	4	270	5.4	628	462800	Below LOD	26.00	0.241	2.60	6.27	0.79	20.90	5.99	61.6	19.7	85.0	16.2	134.2	26.0	10200	0.73	193.0	138.0	1.40	4.21	10.41	8.71	
318-U1358A_165	2357	35	7/6	0.4573	0.0065	9.9000	0.9400	0.1510	0.0031	2427	29	2422	88	2357	35	100	4	383	7.7	365	470700	Below LOD	0.74	0.082	1.00	2.97	0.08	10.90	3.47	35.4	11.4	52.4	10.2	90.2	17.3	12960	0.05	39.2	295.1	0.13	4.89	5.59	12.35	
318-U1358A_170	1843	59	7/6	0.2914	0.0046	4.6700	0.4600	0.1127	0.0037	1648	23	1756	81	1843	59	94	5	258	8.6	940	475500	0.157	23.28	0.161	1.52	2.77	0.36	16.20	5.77	75.9	30.3	152.7	33.1	307.7	64.2	11370	1.37	121.5	190.2	0.64	8.46	15.30	8.32	
318-U1358A_171	1775	134	7/6	0.3060	0.0069	4.5000	0.5200	0.1086	0.0080	1720	34	1702	95	1775	134	101	6	282	20.8	693	460700	Below LOD	19.49	0.189	2.47	4.48	1.01	19.00	5.45	64.4	23.0	106.3	21.3	191.1	41.2	8290	0.33	48.7	38.7	1.26	6.40	11.42	9.10	
318-U1358A_172	1888	39	7/6	0.3256	0.0046	5.1600	0.4900	0.1156	0.0025	1817	22	1842	81	1888	39	99	4	653	7.7	1200	468800	0.148	18.40	0.274	2.32	5.48	1.50	34.40	11.24	123.1	38.7	160.4	30.5	249.3	48.6	12510	0.42	67.8	357.0	0.19	3.95	19.04	21.06	S
318-U1358A_173	1910	78	7/6	0.3087	0.0075	4.7900	0.4700	0.1170	0.0051	1734	37	1780	83	1910	78	97	5	264	6.3	830	504100	0.490	25.00	0.310	3.60	3.60	0.44	17.60	5.90	72.2	26.3	138.0	26.8	252.0	53.5	12250	2.22	161.0	320.0	0.50	7.41	13.74	8.52	
318-U1358A_175	2874	134	7/6	0.5600	0.0280	15.5000	1.8000	0.2060	0.0170	2860	110	2837	110	2874	134	101	6	330	15.5	1188	490000	0.330	47.60	1.510	16.20	19.30	5.30	53.50	13.33	126.6	41.0	163.0	29.8	240.0	47.6	8040	0.54	33.8	25.9	1.31	3.76	20.09	10.65	
318-U1358A_177	1685	93	7/6	0.2986	0.0060	4.2900	0.4500	0.1034	0.0052	1684	30	1684	86	1685	93	100	5	797	8.4	1420	437700	Below LOD	12.38	0.073	0.93	2.50	0.33	20.10	8.25	111.3	46.6	247.0	52.8	483.0	104.9	10860	0.82	68.7	120.6	0.57	9.42	22.41	25.71	S
318-U1358A_179	928	18	Pbcor6/38	0.1572	0.0033	1.7840	0.1800	0.0831	0.0033	941	18	1036	66	1271	77	100	6	1203	34.0	2530	462800	0.147	2.14	0.195	2.33	5.00	0.24	35.00	13.41	200.1	85.7	433.0	85.5	740.0	145.8	11550	0.56	63.2	186.5	0.34	7.29	38.26	38.81	S
318-U1358A_182	555	12	Pbcor6/38	0.0906	0.0020	0.8210	0.1100	0.0656	0.0059	559	12	594	58	793	189	100	9	190	10.6	457	473500	0.227	35.00	0.213	2.92	4.88	1.44	17.30	4.69	47.3	14.7	64.0	12.4	110.5	22.1	9790	0.54	115.9	126.4	0.92	4.66	8.34	6.13	
318-U1358A_186	2557	30	7/6	0.4943	0.0068	11.3100	1.1000	0.1700	0.0030	2589	29	2546	89	2557	30	102	4	1178	21.7	2260	472200	0.108	1.76	0.183	1.65	5.27	0.14	35.60	14.85	191.5	73.7	355.0	69.7	601.0	118.1	11680	0.45	64.8	346.0	0.19	6.17	34.21	38.00	S
318-U1358A_187	628	22	6/38	0.1023	0.0037	1.1100	0.1700	0.0785	0.0099	628	22	733	80	1159	250	86	10	96	4.9	74	463700	Below LOD	2.21	Below LOD	Below LOD	0.74	0.78	3.05	0.76	8.0	2.2	10.0	1.8	17.7	3.9	7771	0.08	14.4	87.4	0.16	4.85	1.23	3.10	
318-U1358A_189	432	6	6/38	0.0693	0.0010	0.5670	0.0560	0.0671	0.0025	432	6	456	37	840	78	95	8	97	Below LOD	56	441400	Below LOD	0.57	Below LOD	Below LOD	0.50	0.34	4.13	0.59	4.7	1.4	5.6	0.9	8.4	1.4	11730	0.05	6.9	1110.0	0.01	3.08	0.80	3.13	
318-U1358A_191	1425	62	7/6	0.2084	0.0031	2.5350	0.2500	0.0900	0.0029	1220	17	1276	73	1425	62	96	6	224	6.1	823	476100	0.053	11.31	0.093	1.57	2.78	0.49	18.30	6.21	73.9	27.7	131.3	26.1	230.0	47.0	11190	1.10	133.9	300.0	0.45	6.36	13.06	7.23	
318-U1358A_197	523	13	6/38	0.0846	0.0022	0.6520	0.0860	0.0588	0.0057	523	13	505	54	559	212	104	11	1088	9.7	1976	473200	Below LOD	2.16	0.058	0.63	2.24	0.23	18.90	8.55	140.4	63.0	350.0	77.4	712.0	144.9	13030	0.47	25.1	166.3	0.15	10.32	30.24	35.10	S
318-U1358A_198	520	9	Pbcor6/38	0.0840	0.0015	0.6500	0.0710	0.0576	0.0034	520	9	504	44	514	130	102	9	1124	6.0	2237	470400	Below LOD	1.73	Below LOD	0.64	2.51	0.16	22.80	10.64	165.4	72.6	381.0	81.8	745.0	148.0	13790	0.86	53.8	379.0	0.14	8.95	33.96	36.26	S
Reference data																																												
32746_1	588	9																179	6.0	820		0.002	17.88	0.079	1.22	2.95	0.54	19.30	7.14	83.4	31.1	128.7	25.7	207.4	29.6			27.0	130.0	0.21	3.55	12.54	5.77	
32746_2	1811	15																77	9.0	308		0.850	51.10	0.680	3.72	3.21	0.93	9.77	2.67	28.8	9.5	41.5	9.5	89.4	18.9			473.0	1328.0	0.36	6.55	5.14	2.48	
32746_3	1428	19.5																265	13.0	858		0.005	26.42	0.067	0.88	2.21	0.39	15.30	5.84	75.8	30.3	142.5	33.2	320.0	58.9			80.0	100.0	0.80	7.77	13.89	8.54	
32746_4	1432	15.5																282	12.0	693		0.002	34.18	0.043	0.79	1.80	0.29	10.77	4.36	58.1	24.0	115.9	28.5	289.5	55.2			85.0	129.0	0.66	9.51	11.51	9.10	
32746_6	1542	16																507	11.0	1106		0.014	5.84	0.088	1.29	4.01	0.09	21.15	8.08	101.5	38.3	169.2	36.0	325.6	53.9			99.0	138.0	0.72	5.31	16.98	16.35	S
32746_7	1067	13.5																511	5.0	1105		0.000	7.31	0.054	1.35	4.23	0.21	27.60	9.99	113.3	39.4	161.9	33.9	292.9	49.1			238.0	597.0	0.40	4.33	16.84	16.48	S
32746_8	530.2	7.5																94	6.0	300		0.003	9.85	0.007	0.31	0.75	0.05	5.11	1.95	25.8	10.0	47.5	11.7	111.8	20.3			149.0	284.0	0.52	7.85	4.83	3.02	
32746_9	1430	19																297	14.0	1331		0.003	14.29	0.106	2.00	5.35	0.81	31.40	11.06	132.0	48.0	205.0	43.5	400.0	71.0			86.0	98.0	0.88	5.38	20.71	9.58	
32746_10	1495	27.5																382	21.0	1117		0.032	34.60	0.134	2.49	4.77	1.40	24.70	8.38	102.6	39.0	174.8	39.3	377.0	69.2			59.0	47.0	1.26	6.74	17.81	12.32	
32746_11	807	12																298	4.0	2150		0.410	16.30	0.680	7.20	10.70	1.01	48.10	16.90	207.0	76.0	317.0	66.0	569.0	96.0			167.0	222.0	0.75	4.64	32.71	9.61	
32746_12	1422	13.5																160	6.0	681		0.026	25.35	0.028	0.63	1.16	0.22	8.79	3.71	49.3	22.4	115.9	30.8	354.0	68.6			320.0	619.0	0.52	13.91	11.69	5.15	
32746_15	1191	21																165	15.0	693		0.088	11.25	0.161	2.95	5.55	0.59	22.90	6.65	72.4	25.0	102.5	21.3	182.5	31.4			132.0	90.0	1.47	4.34	10.70	5.31	
32746_16	570	9																160	6.0	622		0.008	31.70	0.181	3.25	5.46	1.64	23.30	5.97	64.7	22.0	90.0	19.3	179.3	32.0			70.0	99.0	0.71	4.94	9.88	5.15	
32746_17	962	25																324	5.0	1450		0.040	12.04	0.327	4.05	6.66	0.52	38.80	12.28	137.8	50.2	207.6	41.4	349.0	62.2			278.0	266.0	1.05	4.51	21.81	10.45	
32746_18	1800	14																222	6.0	681		0.000	25.48	0.036	0.69	2.25	0.56	12.02	4.31	55.1	22.6	110.4	25.9	262.8	52.4			141.0	155.0	0.91	9.50	11.08	7.16	
32746_20	1445	15																243	10.0	775		0.011	20.81	0.054	0.76	2.31	0.32	12.29	4.91	65.0	26.6	128.0	30.9	307.5	56.1			131.0	198.0	0.66	8.63	12.61	7.84	
32746_21	615.6	9																283	3.0	659		Below LOD	26.62	0.018	0.38	1.26	0.22	10.41	4.25	57.2	21.9	105.4	23.6	225.5	41.1			86.0	230.0	0.37	7.19	10.50	9.13	
32746_22	1415	15																549	12.0	2600		0.087	25.60	0.579	8.00	13.10	2.35	62.80	21.40	251.0	92.9	403.0	87.3	788.0	143.6			280.0	274.0	1.02	5.72	40.54	17.71	
32746_25	1441	20																290	15.0	700		0.000	21.61	0.030	0.86	1.80	0.41	12.77	4.77	61.5	25.0	113.4	27.0	257.8	48.2			54.0	69.0	0.78	7.84	11.30	9.34	
32746_27	1020	25																157	4.0	1610		0.098	15.22	0.167	2.70	5.37	1.50	34.90	12.88	164.0	62.0	259.0	53.0	444.0	74.8			56.0	162.0	0.35	4.56	24.83	5.06	
32746_28	1442	19																274	20.0	639		0.008	25.70	0.029	0.80	2.00	0.42	11.54	4.44	55.8	21.9	104.0	24.9	242.7	46.1			52.0	69.0	0.75	8.25	10.41	8.84	
32746_29	1502	14																313	11.0	2330		0.292	43.40	0.854	11.12	13.80	4.39	60.30	19.40	218.0	79.7	357.0	77.4	759.0	140.0			436.0	337.0	1.29	6.42	36.84	10.10	
32746_30	1629	15																444	7.0	1819		0.180	60.60	0.342	4.52	8.29	1.39	39.60	14.09	167.0	64.8	292.0	67.9	632.0	105.9			291.0	248.0	1.17	6.34	29.17	14.32	
32746_31	732	11.5																211	4.0	657		0.013	2.65	0.075	1.37	2.33	0.19	15.89	5.29	63.5	24.0	100.7	21.4	191.0	32.9			37.0	85.0	0.44	5.18	10.13	6.81	
32746_33	1437	19																213	15.0	513		0.021	13.66	0.034	0.68	1.69	0.33	9.12	3.28	43.3	17.3	82.9	19.4	201.0	37.6			54.0	74.0	0.73	8.68	8.33	6.88	
32746_34	1439	20.5																424	21.0	1047		0.050	24.10	0.116	2.00	4.12	1.02	21.10	7.40	94.7	36.0	165.0	38.8	362.0	69.2			82.0	117.0	0.70	7.31	16.69	13.68	
32746_38	1689	17																382	6.0	1309		0.033	37.90	0.164	3.09	5.10	2.18	29.90	10.30	118.5	45.6	202.0	45.2	431.0	80.4			198.0	239.0	0.83	6.78	20.76	12.32	
32746_39	1286	23																271	7.0	1340		0.590	20.60	0.500	5.17	8.19	1.33	40.80	12.86	141.4	51.3	209.0	41.9	368.0	63.3			78.0	98.0	0.80	4.48	20.84	8.74	
32746_40	1437	20.5																225	12.0	1115		0.005	13.04	0.085	1.88	4.46	0.55	28.10	9.39	113.2	40.6	174.7	35.9	318.4	57.0			33.0	58.0	0.57	5.04	17.29	7.25	
32746_42	1497	20																200	8.0	695		0.017	13.92	0.030	0.70	1.99	0.06	12.40	4.64	62.4	24.3	113.8	26.7	259.0	46.8			70.0	98.0	0.71	7.50	11.18	6.45	
32746_45	1656	22.5																242	11.0	922		0.013	11.04	0.050	1.13	2.93	0.21	19.80	6.89	85.8	31.8	141.8	31.8	283.0	52.2			78.0	155.0	0.50	6.08	14.34	7.81	
32746_46	1446	21																385	11.0	1565		0.342	29.14	0.313	4.76	8.68	1.88	41.80	13.79	156.9	55.6	241.6	52.2	474.0	83.5			95.0	70.0	1.36	5.32	24.55	12.42	
32746_47	897	13																275	6.0	914		0.079	12.63	0.095	0.89	2.02	0.24	14.00	5.58	78.2	31.7	151.7	33.6	319.1	58.4			184.0	511.0	0.36	7.47	14.48	8.86	
32746_48	1455	28																302	23.0	833		0.013	21.91	0.072	1.24	2.99	0.80	17.78	6.12	73.5	29.1	130.7	30.7	294.6	54.0			42.0	44.0	0.95	7.35	13.32	9.74	
32746_50	1365	25																265	60.0	719		0.004	19.88	0.046	0.80	1.79	0.29	10.80	4.66	60.8	23.9	116.0	28.4	294.0	54.2			56.0	102.0	0.55	8.91	11.74	8.55	
32746_52	1184	42																115	14.0	512		Below LOD	1.36	0.018	0.63	1.79	0.56	13.02	4.47	51.7	19.0	80.1	16.5	153.9	28.2			8.0	19.0	0.42	5.46	7.96	3.71	
32746_53	1476	16																213	11.0	572		0.008	20.04	0.035	0.60	1.22	0.24	8.83	3.45	46.4	19.6	93.5	23.1	235.1	44.6			82.0	139.0	0.59	9.61	9.39	6.86	
32746_54	1413	23.5																197	12.0	544		0.000	23.55	0.032	0.68	1.52	0.39	10.73	3.63	47.1	18.9	84.7	20.9	213.1	38.8			39.0	71.0	0.55	8.24	8.89	6.37	
32746_59	1443	14																168	4.0	996		0.005	16.12	0.042	0.59	1.77	0.12	12.01	5.31	74.5	33.0	168.4	42.6	431.0	79.9			229.0	414.0	0.55	10.72	16.32	5.42	
32746_61	1447	23.5																85	10.0	161		0.039	4.77	0.042	0.56	0.47	0.23	3.21	0.90	11.1	4.7	25.9	7.4	89.0	21.0			26.0	72.0	0.36	18.92	2.81	2.73	
32746_63	2226	14.5																52	3.0	122		0.031	4.13	0.006	0.12	0.31	0.10	1.78	0.81	8.4	3.6	19.0	5.0	56.6	12.9			36.0	105.0	0.34	15.29	2.04	1.68	
32746_64	1674	14																558	5.0	1229		0.000	15.30	0.027	1.09	2.76	0.30	19.00	7.75	103.5	42.0	194.5	44.7	411.0	74.9			95.0	230.0	0.41	7.24	19.26	18.00	S
32746_65	1307	26																553	166.0	1233		0.065	5.12	0.063	1.07	3.31	0.36	19.00	7.65	105.0	42.8	194.3	46.7	461.0	82.7			31.0	110.0	0.28	7.88	19.60	17.84	S
32746_66	1424	29																193	8.0	1269		0.138	10.46	0.375	5.45	9.50	0.44	42.90	13.20	140.0	47.9	193.0	38.7	349.0	61.9			71.0	58.0	1.22	4.42	19.72	6.23	
32746_67	1250	48																137	15.0	248		0.015	42.60	0.075	1.23	2.22	1.00	8.40	2.59	23.7	8.8	36.8	8.3	82.6	15.1			46.0	41.0	1.12	6.35	4.23	4.42	
32746_68	1376	24.5																309	5.0	869		0.220	24.60	0.219	1.79	3.07	0.28	16.30	6.41	81.1	31.0	137.8	31.6	299.0	54.2			59.0	81.0	0.73	6.68	13.87	9.97	
32746_69	1468	24																231	9.0	763		0.720	35.30	0.540	3.70	3.28	0.49	12.70	4.34	61.3	24.6	128.7	32.5	345.0	65.4			210.0	358.0	0.59	10.67	12.87	7.45	
32746_70	1511	18																460	7.0	3430		0.218	53.90	0.985	14.70	22.20	1.44	104.60	32.40	352.0	128.0	520.0	104.0	883.0	151.6			145.0	125.0	1.16	4.31	52.75	14.84	
32746_71	2847	27																373	14.0	1473		0.301	28.14	0.308	3.90	5.40	0.56	29.30	10.58	127.2	50.4	231.3	53.0	496.0	88.5			291.0	390.0	0.75	6.96	23.26	12.03	
32746_72	1547	24.5																189	7.0	1075		0.014	12.79	0.060	1.29	3.02	0.13	20.90	7.74	97.9	38.6	179.1	39.8	365.0	67.6			117.0	152.0	0.77	6.91	17.04	6.10	
32746_73	553.7	8																723	10.0	1948		0.285	48.00	0.387	4.22	8.32	0.71	44.30	15.98	185.1	68.7	297.0	63.5	610.0	102.7			313.0	344.0	0.91	5.55	30.56	23.32	
32746_74	1485	13.5																143	7.0	420		Below LOD	15.18	0.019	0.31	0.66	0.08	5.13	2.16	29.2	13.3	70.4	19.7	215.0	43.9			111.0	256.0	0.43	15.03	7.18	4.61	
32746_75	1395	20																197	4.0	687		0.018	12.67	0.022	0.52	1.47	0.04	10.50	4.01	58.8	22.7	113.6	27.5	276.5	51.8			111.0	347.0	0.32	8.81	11.16	6.35	
32746_78	1499	20.5																471	11.0	2633		0.096	54.40	0.741	10.46	16.50	2.48	69.10	22.02	250.7	93.5	392.0	85.1	788.0	130.8			269.0	189.0	1.42	5.22	41.06	15.19	
32746_79	1511	33																296	25.0	577		0.010	17.41	0.005	1.23	2.17	0.59	11.40	4.17	50.9	20.1	93.0	21.5	214.0	41.3			34.0	46.0	0.74	8.11	9.33	9.55	
32746_80	1408	19.5																234	20.0	540		0.006	22.57	0.033	0.51	1.55	0.21	8.12	3.19	43.5	18.4	88.9	22.2	222.0	41.9			57.0	90.0	0.63	9.63	8.89	7.56	
32746_82	1493	18																259	8.0	841		0.450	23.42	0.190	1.50	2.23	0.25	11.90	4.81	65.3	28.5	136.8	34.6	336.0	63.9			182.0	300.0	0.61	9.79	13.68	8.35	
32746_83	1457	16																281	9.0	1384		0.018	21.98	0.186	3.22	4.93	0.91	29.00	10.67	127.3	48.8	220.2	51.4	486.0	83.1			202.0	217.0	0.93	6.53	22.03	9.06	
32746_84	525.4	7.5																136	7.0	755		0.022	15.77	0.081	1.40	3.70	0.17	21.00	6.74	77.9	27.0	112.0	22.3	195.4	32.3			202.0	312.0	0.65	4.15	11.58	4.37	
32746_86	1444	18.5																224	11.0	840		0.120	45.10	0.098	1.26	2.03	0.53	12.89	4.75	65.4	28.0	139.1	34.5	367.9	71.1			148.0	179.0	0.83	10.87	14.06	7.23	
32746_87	1163	45.5																226	26.0	926		0.000	1.86	0.078	2.04	4.52	1.57	27.50	8.60	96.9	33.2	133.1	26.7	247.3	43.3			12.0	17.0	0.71	4.47	14.14	7.28	
32746_90	1217	37																157	13.0	673		0.016	6.56	0.133	2.06	3.54	0.99	17.40	5.68	63.9	23.4	97.6	21.1	193.7	35.7			34.0	30.0	1.13	5.59	10.38	5.07	
32746_91	1698	17																231	6.0	684		0.471	37.30	0.402	3.82	5.12	1.05	20.30	5.64	61.1	22.0	99.0	21.5	209.7	37.4			200.0	324.0	0.62	6.12	10.86	7.45	
32746_93	1440	25.5																260	11.0	880		0.029	31.60	0.046	1.31	2.88	0.52	15.90	6.00	76.4	29.6	137.9	31.9	313.0	56.0			102.0	159.0	0.64	7.33	14.09	8.39	
32746_94	1528	22.5																77	4.0	74		0.009	1.70	Below LOD	0.02	0.23	0.18	1.26	0.46	5.7	2.3	12.0	3.3	40.6	9.7			17.0	42.0	0.40	16.91	1.29	2.50	
32746_95	1476	21.5																376	12.0	878		0.020	11.54	0.041	0.80	2.14	0.38	15.31	6.11	77.4	31.0	145.8	33.2	321.6	58.2			55.0	86.0	0.64	7.52	14.05	12.13	
32746_96	1441	20.5																330	16.0	906		Below LOD	34.20	0.083	1.79	3.70	1.28	22.30	7.56	84.8	32.2	140.0	30.0	285.0	52.6			60.0	53.0	1.13	6.20	14.35	10.65	
32746_97	1665	15.5																750	9.0	1024		0.150	19.72	0.150	1.36	2.34	0.16	16.25	6.56	86.1	35.5	158.6	36.6	333.8	61.8			167.0	315.0	0.53	7.18	16.03	24.19	
32746_100	1435	25																282	8.0	1430		0.015	20.96	0.181	3.39	7.49	1.54	40.10	13.47	153.5	54.9	224.1	44.6	381.4	62.9			25.0	42.0	0.60	4.10	22.11	9.10	
32746_103	1471	14.5																175	8.0	547		Below LOD	17.86	0.019	0.43	1.05	0.15	7.61	3.34	44.0	19.2	95.0	23.6	249.5	46.8			94.0	189.0	0.50	10.64	9.17	5.64	
32746_104	582	10																224	37.0	470		0.028	55.50	0.378	6.56	8.08	2.10	24.70	5.85	55.6	16.6	62.6	11.6	104.5	17.3			143.0	54.0	2.65	3.12	7.58	7.22	
32746_105	592.2	8.5																313	5.0	902		0.007	5.33	0.040	1.16	3.27	0.12	21.55	7.85	90.5	30.6	122.3	24.7	210.4	35.7			189.0	741.0	0.26	3.94	13.44	10.10	
32746_106	1455	16																182	8.0	451		Below LOD	15.91	0.026	0.31	0.86	0.15	5.76	2.56	35.8	15.7	77.8	19.9	210.8	41.3			87.0	176.0	0.49	11.54	7.61	5.85	
32746_108	1694	14																535	9.0	1887		0.278	76.50	0.373	4.50	7.82	1.91	36.60	12.84	161.2	63.4	292.0	67.2	639.0	119.2			329.0	309.0	1.06	7.39	30.09	17.26	
32746_109	1594	17.5																484	7.0	1330		0.003	21.80	0.066	1.42	3.45	0.57	21.70	8.63	114.9	45.4	210.6	50.2	496.0	89.2			104.0	213.0	0.49	7.76	21.27	15.61	
32746_110	1510	19																319	9.0	1276		0.360	17.00	0.310	3.61	6.50	0.31	29.50	10.93	120.7	45.2	199.1	44.9	410.0	71.8			95.0	155.0	0.61	5.95	20.06	10.29	
32746_112	1436	18																292	14.0	1186		0.580	18.11	0.214	2.66	4.13	0.18	25.30	8.91	109.7	41.8	184.5	41.7	396.0	66.1			148.0	179.0	0.83	6.03	18.69	9.42	
32746_115	1423	36.5																283	10.0	1420		0.020	36.50	0.054	0.95	2.91	0.85	26.50	9.00	122.0	47.8	209.0	51.3	485.0	78.8			123.0	121.0	1.02	6.46	22.34	9.13	
32746_116	1520	25.5																230	2.0	1001		0.006	6.06	0.135	2.63	5.99	0.85	26.80	9.32	101.0	35.7	151.1	30.3	283.0	51.2			24.0	54.0	0.44	5.07	15.45	7.42	
32746_117	1485	14.5																251	10.0	1213		0.020	25.80	0.043	1.18	2.67	0.37	18.30	7.50	100.2	41.0	196.0	48.0	463.0	85.8			229.0	326.0	0.70	8.56	19.52	8.10	
32746_118	1456	24																455	18.0	1358		0.010	35.90	0.208	4.00	8.00	1.89	34.70	11.63	133.2	48.2	209.8	45.6	425.0	76.4			76.0	50.0	1.52	5.74	21.46	14.68	
32746_119	1460	21																202	10.0	522		0.107	16.42	0.074	0.56	1.26	0.18	7.81	3.18	41.0	18.1	86.6	22.1	226.5	42.4			76.0	122.0	0.62	10.34	8.64	6.52	
32746_120	1474	29																196	23.0	504		0.034	15.10	0.061	0.60	1.01	0.31	7.70	3.18	38.2	15.7	82.4	21.3	210.5	43.0			59.0	110.0	0.54	11.26	8.27	6.32	
32746_124	648.4	9																143	12.0	422		0.003	18.32	0.042	0.95	1.64	0.34	9.87	3.15	37.0	14.1	62.9	14.3	135.3	24.9			155.0	354.0	0.44	6.74	6.68	4.62	
32746_125	577.8	8																363	9.0	986		0.007	6.15	0.173	3.80	8.90	0.21	47.50	13.34	122.7	34.5	116.6	20.7	152.0	22.3			157.0	284.0	0.55	1.81	14.40	11.71	
32746_126	1053	28																125	113.0	579		0.029	6.49	0.069	1.20	2.73	0.20	14.10	4.97	57.4	20.7	86.9	18.9	169.9	28.8			77.0	187.0	0.41	5.02	8.97	4.03	
32746_128	1218	21.5																201	14.0	607		Below LOD	9.46	0.038	0.98	1.84	0.20	12.61	4.36	54.5	21.0	91.9	20.2	183.4	32.5			90.0	121.0	0.74	5.97	9.40	6.47	
32746_129	603.7	9																285	15.0	846		Below LOD	4.54	0.026	1.35	3.38	0.17	24.10	8.35	90.2	27.4	96.1	17.3	144.7	20.1			194.0	651.0	0.30	2.23	12.13	9.19	
32746_131	1397	15.5																164	24.0	405		0.010	15.14	0.018	0.43	0.78	0.11	5.50	1.90	28.9	12.7	68.4	19.0	205.4	43.8			85.0	192.0	0.44	15.15	6.94	5.30	
32746_132	1462	35.5																238	16.0	597		0.016	16.61	0.035	0.69	1.69	0.38	11.04	4.13	53.7	21.0	98.4	22.7	220.8	41.5			28.0	26.0	1.08	7.73	9.65	7.68	
32746_133	955	14.5																180	9.0	759		0.000	5.77	0.066	1.31	3.17	0.19	17.30	6.21	69.9	26.3	115.9	24.4	224.3	39.2			81.0	139.0	0.58	5.61	11.71	5.81	
32746_135	1437	23.5																328	12.0	1065		0.005	40.08	0.104	1.88	4.64	0.94	22.30	8.49	98.3	37.0	170.4	37.0	353.3	64.2			78.0	49.0	1.59	6.53	16.99	10.58	
32746_137	1403	23																183	130.0	507		0.016	8.82	0.028	0.47	1.20	0.16	7.34	3.04	40.2	16.5	80.2	19.4	193.0	37.7			23.0	67.0	0.34	9.38	8.12	5.90	
32746_138	1123	18.5																212	25.0	489		0.022	9.90	0.035	1.02	1.96	0.28	11.74	3.90	46.9	17.4	76.8	17.1	153.9	27.5			72.0	69.0	1.04	5.86	7.70	6.85	
32746_139	1613	17.5																370	13.0	918		0.013	23.80	0.044	1.11	2.87	0.56	17.79	6.41	79.5	31.8	146.3	32.3	322.0	60.1			75.0	95.0	0.79	7.56	14.64	11.94	
32746_140	1442	37.5																218	5.0	433		0.008	13.64	0.061	0.77	1.83	0.44	9.03	3.27	39.6	15.3	70.6	16.5	161.0	30.6			15.0	17.0	0.88	7.73	7.03	7.03	
32746_141	1478	26.5																260	21.0	1364		0.063	5.14	0.312	5.42	9.76	1.60	44.70	14.05	149.5	50.7	207.8	41.7	367.6	63.1			32.0	30.0	1.07	4.22	21.07	8.39	
32746_145	1472	17																195	8.0	490		0.244	26.80	0.324	2.83	2.64	0.46	10.20	3.28	39.9	16.7	82.4	20.2	205.0	40.6			74.0	203.0	0.36	10.18	8.21	6.29	
32746_146	1487	13.5																290	5.0	809		0.850	28.64	0.275	2.35	2.28	0.31	12.60	4.90	65.0	27.1	132.9	33.5	341.0	65.1			188.0	345.0	0.54	10.02	13.36	9.35	
32746_147	1459	17.5																269	5.0	866		Below LOD	16.32	0.029	0.82	1.68	0.25	12.32	5.21	70.8	29.9	146.6	35.1	343.3	65.2			61.0	116.0	0.53	9.21	14.05	8.69	
32746_148	1193	29.5																193	11.0	809		Below LOD	6.15	0.040	1.42	2.95	0.35	18.00	6.31	77.9	28.7	127.5	26.6	245.3	42.6			27.0	51.0	0.53	5.47	12.57	6.23	
32746_149	1177	37.5																187	22.0	493		Below LOD	17.85	0.049	1.38	2.22	0.66	12.10	3.63	44.9	16.6	75.9	17.7	169.1	29.4			84.0	70.0	1.20	6.55	7.89	6.03	
32746_150	1500	14.5																240	13.0	717		Below LOD	23.32	0.016	0.70	1.42	0.21	11.26	4.37	58.5	24.1	118.5	29.6	297.0	55.6			127.0	208.0	0.61	9.50	11.78	7.74	
32746_151	560.7	9																302	22.0	531		0.010	8.51	0.051	1.33	3.04	0.13	16.81	5.31	56.4	18.3	70.9	14.2	125.6	20.7			40.0	63.0	0.63	3.67	8.02	9.74	
32746_153	576.5	8.5																655	4.0	1419		Below LOD	13.29	0.014	0.40	2.39	0.38	18.98	8.69	119.0	46.4	216.3	51.0	485.0	86.6			106.0	485.0	0.22	7.28	22.17	21.13	S
32746_155	947	13.5																213	5.0	878		0.011	11.57	0.053	1.45	2.52	0.14	18.57	6.76	82.8	31.5	142.5	29.5	261.9	44.6			117.0	289.0	0.40	5.38	13.65	6.87	
32746_156	1536	34																280	19.0	700		0.024	20.80	0.046	1.10	2.59	0.54	13.80	4.87	63.5	23.7	117.6	27.1	266.0	48.0			50.0	62.0	0.81	7.56	11.38	9.03	
32746_157	1471	18																298	11.0	712		0.019	40.50	0.051	1.17	2.23	0.48	12.28	4.75	61.8	24.6	118.5	28.5	285.6	53.3			91.0	110.0	0.83	8.62	11.80	9.61	
32746_158	1451	14																306	4.0	1485		0.041	34.33	0.039	0.95	2.70	0.16	19.90	8.54	118.7	51.4	252.2	60.6	593.0	107.0			314.0	511.0	0.61	9.01	24.11	9.87	
32746_160	1427	15																205	7.0	512		0.015	16.40	0.029	0.34	0.93	0.10	5.55	2.70	36.7	15.8	86.3	22.5	247.3	48.6			127.0	322.0	0.39	13.24	8.62	6.60	
32746_161	1487	23.5																316	14.0	1216		0.550	37.10	0.780	5.60	6.65	1.14	25.50	9.69	110.8	44.0	194.1	47.5	467.0	79.3			220.0	285.0	0.77	7.16	19.82	10.19	
32746_162	1350	50																184	2.0	844		0.220	12.80	0.173	2.00	3.13	0.43	18.70	6.36	78.1	29.9	131.4	28.5	277.0	48.3			29.0	56.0	0.52	6.18	13.28	5.95	
32746_163	1443	21																216	16.0	572		0.001	17.37	0.037	0.68	1.60	0.30	9.45	3.55	48.6	19.5	93.4	23.1	236.6	43.4			65.0	96.0	0.68	8.93	9.39	6.97	
32746_164	514.3	8																123	29.0	666		0.126	12.39	0.090	0.87	2.13	0.09	13.32	5.06	63.1	23.9	105.5	23.0	199.3	32.4			162.0	383.0	0.42	5.13	10.36	3.98	
32746_166	1492	37.5																287	15.0	827		0.000	17.76	0.054	1.43	3.12	0.64	16.80	5.68	75.8	28.2	131.1	30.1	306.6	55.4			60.0	89.0	0.67	7.31	13.30	9.26	
32746_167	1139	29.5																235	8.0	683		0.009	15.15	0.061	0.94	2.52	0.17	13.51	4.94	61.8	24.8	110.1	25.2	238.6	43.9			74.0	68.0	1.09	7.10	10.90	7.59	
32746_168	2405	12.5																455	9.0	962		0.540	7.70	0.740	4.10	4.00	0.84	18.40	6.78	87.0	32.9	154.3	35.5	337.6	57.9			113.0	918.0	0.12	6.66	15.26	14.68	
32746_169	1200	31																210	11.0	592		0.002	5.13	0.008	0.38	1.63	0.33	10.96	3.98	51.6	20.7	92.8	21.0	199.2	36.7			19.0	39.0	0.49	7.11	9.29	6.79	
32746_170	1461	15.5																195	10.0	549		0.003	18.49	0.014	0.54	1.23	0.21	8.00	3.20	45.4	18.5	93.4	23.3	244.3	45.3			80.0	143.0	0.56	9.97	9.16	6.28	
32746_171	1762	14																520	5.0	1052		0.003	5.14	0.054	0.95	2.46	0.14	18.89	7.20	92.9	36.4	167.0	36.6	334.0	59.4			72.0	171.0	0.42	6.39	16.34	16.77	S
32746_172	1644	13.5																539	8.0	2630		0.070	58.40	0.805	11.26	18.01	1.88	76.60	23.64	259.0	95.2	396.5	81.5	723.0	121.0			382.0	220.0	1.74	4.67	40.75	17.39	
32746_173	1477	23																230	59.0	500		0.010	15.54	0.022	0.56	1.09	0.32	8.23	3.19	42.3	17.3	84.2	20.6	214.5	40.8			56.0	97.0	0.58	9.64	8.29	7.42	
32746_174	880	12.5																175	6.0	638		0.005	12.28	0.072	1.07	2.23	0.09	13.60	4.83	58.8	22.4	102.8	22.0	203.9	36.3			144.0	305.0	0.47	6.17	10.04	5.64	
32746_175	579.3	8.5																558	6.0	1130		0.004	18.46	0.112	1.93	5.82	0.39	28.70	9.90	111.6	40.3	171.8	37.2	341.0	59.4			215.0	308.0	0.70	5.32	17.64	18.00	S
32746_176	1466	26.5																241	14.0	889		0.009	22.59	0.060	1.44	3.38	1.24	18.50	6.33	76.6	30.5	144.4	34.7	342.0	65.1			65.0	81.0	0.80	8.50	14.44	7.77	
32746_177	1485	24.5																270	15.0	697		0.015	21.43	0.038	0.92	2.21	0.35	12.58	4.72	60.0	24.9	113.6	26.6	255.0	47.2			51.0	68.0	0.75	7.87	11.23	8.69	
32746_178	1405	19																282	17.0	796		0.007	22.15	0.066	1.06	2.18	0.46	14.77	5.30	68.9	26.7	128.5	31.3	308.9	58.8			118.0	163.0	0.72	8.53	12.93	9.11	
32746_179	1439	19																242	5.0	891		0.005	21.00	0.013	1.03	3.02	0.36	16.90	5.85	80.2	31.8	149.7	34.9	346.0	60.7			105.0	138.0	0.76	7.57	14.49	7.81	
32746_180	1468	19.5																369	10.0	885		0.007	18.22	0.033	1.14	3.07	1.14	17.23	6.20	78.2	30.5	142.6	33.6	329.0	63.8			75.0	86.0	0.87	8.16	14.26	11.90	
32746_181	1432	18.5																238	15.0	852		Below LOD	17.58	0.037	1.02	2.01	0.31	14.83	5.41	71.7	28.4	132.1	31.8	309.4	56.8			86.0	118.0	0.73	7.92	13.57	7.68	
32746_182	1876	18.5																446	9.0	835		0.620	15.40	0.730	5.76	5.21	0.49	19.00	5.97	75.9	30.1	131.1	27.8	246.0	46.4			129.0	167.0	0.77	6.11	13.04	14.39	
32746_183	597.2	8.5																82	5.0	91		0.003	8.83	0.036	0.87	2.58	0.55	11.02	2.02	13.6	3.1	8.5	1.3	8.6	1.2			96.0	283.0	0.34	0.84	1.41	2.64	
32746_184	1561	18.5																156	15.0	1461		0.210	14.87	0.550	6.60	9.10	2.24	41.00	11.52	133.7	50.0	215.5	52.0	499.0	97.0			260.0	583.0	0.45	7.26	23.17	5.03	
32746_185	1422	13.5																225	3.0	236		0.035	8.67	0.024	0.21	0.27	0.05	2.56	1.04	15.5	7.4	40.1	11.0	127.1	28.4			90.0	315.0	0.29	18.28	4.09	7.26	
32746_186	1404	31.5																288	4.0	856		0.031	27.50	0.056	0.79	2.53	0.19	15.80	6.06	80.8	31.9	142.5	31.2	286.0	51.9			40.0	42.0	0.95	6.42	13.67	9.29	
32746_188	1456	15																403	10.0	1596		0.097	31.07	0.448	5.79	8.02	1.48	36.10	11.97	146.7	56.4	248.4	56.1	529.3	95.9			206.0	256.0	0.80	6.54	25.26	13.00	
32746_189	576.3	8.5																359	8.0	1980		0.186	55.70	1.650	28.50	37.30	11.25	110.60	27.80	253.0	73.7	263.0	49.9	419.0	67.9			451.0	342.0	1.32	2.68	30.76	11.58	
32746_191	1476	14.5																290	44.0	1378		Below LOD	32.66	0.110	2.18	4.72	0.68	26.90	9.55	125.2	49.2	228.6	51.7	502.0	93.4			189.0	215.0	0.88	7.46	22.20	9.36	
32746_195	1513	16																311	9.0	1490		0.051	27.50	0.117	2.86	5.68	0.66	28.80	10.80	136.0	52.8	240.0	56.5	542.0	97.1			275.0	281.0	0.98	7.14	23.89	10.03	
32746_196	1464	30																261	18.0	768		0.020	9.77	0.103	2.25	3.94	1.12	19.90	6.77	74.6	29.6	124.7	26.2	234.0	43.7			26.0	27.0	0.96	5.86	12.07	8.41	
32746_197	1487	17																223	10.0	871		Below LOD	17.74	0.016	0.69	1.94	0.22	14.10	5.65	75.4	30.5	144.1	34.5	335.0	61.9			95.0	154.0	0.62	8.21	14.08	7.20	
32746_199	1488	19.5																181	16.0	496		0.000	14.30	0.066	1.21	2.38	0.67	11.99	3.85	43.8	16.7	72.3	16.4	156.2	29.2			83.0	76.0	1.09	6.66	7.78	5.85	
32746_202	1486	17																254	11.0	645		0.001	25.42	0.024	0.36	1.57	0.27	10.11	3.78	53.9	22.8	109.7	26.3	269.5	51.0			74.0	118.0	0.63	9.46	10.68	8.19	
32746_203	2770	10.5																186	21.0	516		0.013	6.39	0.048	0.83	1.58	0.07	9.83	3.41	44.5	18.1	83.3	18.8	182.3	33.8			53.0	129.0	0.41	7.60	8.19	6.01	
32746_205	1158	35.5																639	20.0	1192		0.001	7.83	0.042	1.15	2.83	0.59	20.41	8.01	105.1	41.9	195.0	44.5	431.1	78.7			24.0	36.0	0.67	7.49	18.95	20.61	S
32746_206	1484	18.5																356	9.0	1278		0.011	11.40	0.056	1.43	3.54	0.66	20.64	7.96	105.6	44.2	206.1	47.7	469.2	86.2			101.0	135.0	0.75	8.16	20.32	11.48	
32746_207	1342	40.5																279	14.0	790		0.005	28.41	0.054	0.91	2.57	0.57	14.90	5.63	70.5	27.6	131.5	31.6	319.0	58.4			48.0	49.0	0.98	8.28	13.00	9.01	
32746_209	1495	17																182	7.0	436		0.087	16.05	0.113	0.76	1.10	0.17	6.38	2.53	35.7	14.9	74.2	19.2	200.0	38.1			78.0	174.0	0.45	10.66	7.34	5.88	
32746_210	1449	14																336	6.0	2640		0.266	24.69	0.440	5.85	10.02	0.58	56.20	20.40	246.0	90.1	405.0	88.1	790.0	132.3			301.0	378.0	0.80	5.38	40.81	10.84	
32746_213	1429	17																80	12.0	281		0.002	22.10	0.013	0.14	0.39	0.16	2.91	1.35	20.0	9.0	50.4	14.4	158.3	34.4			74.0	155.0	0.48	17.20	5.03	2.59	
32746_214	1229	42.5																264	18.0	730		0.139	9.71	0.124	1.34	1.71	0.45	12.40	5.14	63.6	25.1	116.0	25.0	248.6	45.2			29.0	47.0	0.62	7.11	11.50	8.52	
32746_216	1477	42.5																233	21.0	717		0.011	16.24	0.075	1.71	2.95	0.56	14.67	5.32	65.3	25.0	113.3	26.4	258.7	47.4			37.0	37.0	1.00	7.26	11.50	7.52	
32746_217	1480	28																294	9.0	594		0.047	13.68	0.092	1.23	2.43	0.60	11.61	4.27	51.1	20.3	93.4	21.8	218.3	39.2			32.0	39.0	0.82	7.67	9.52	9.48	
32746_218	1447	19.5																247	19.0	685		0.007	20.56	0.043	0.92	2.03	0.41	11.77	4.66	58.8	23.5	109.1	25.7	257.4	48.0			58.0	73.0	0.79	8.15	11.05	7.95	
32746_219	2289	16																389	7.0	692		0.063	4.18	0.123	1.65	4.70	0.36	30.20	9.21	91.1	23.9	73.6	11.6	83.6	11.6			71.0	189.0	0.38	1.28	9.87	12.55	
32746_220	580.2	8.5																94	2.0	148		0.006	4.82	0.007	0.43	1.30	0.32	7.32	2.05	18.5	5.2	17.7	3.1	24.4	3.8			61.0	455.0	0.13	2.06	2.20	3.05	
32746_222	1511	25.5																369	14.0	1106		0.015	26.78	0.057	1.30	4.02	0.81	22.90	8.23	100.2	38.8	178.4	38.5	371.8	67.6			71.0	68.0	1.04	6.75	17.56	11.90	
32746_223	1399	32.5																408	23.0	1411		0.011	41.40	0.210	3.55	7.21	1.56	39.30	12.10	139.8	50.5	215.3	43.2	412.0	71.5			47.0	34.0	1.38	5.11	22.08	13.16	
32746_224	1469	36																279	20.0	733		0.011	7.41	0.049	1.27	2.86	0.31	15.75	5.56	67.4	26.5	118.7	26.1	242.3	45.2			27.0	34.0	0.79	6.71	11.57	9.00	
32746_225	555.7	8																263	4.0	1160		0.252	21.86	0.304	3.27	5.70	0.82	30.60	9.63	114.2	43.0	186.8	40.5	376.4	69.2			168.0	535.0	0.31	6.06	18.43	8.48	
32746_227	1425	25.5																189	11.0	563		0.044	15.71	0.102	1.81	4.27	0.78	19.00	4.98	56.4	19.3	86.0	18.9	186.6	34.7			96.0	95.0	1.01	6.15	9.01	6.10	
32746_230	1449	16.5																296	9.0	722		0.013	14.27	0.025	0.55	1.48	0.15	11.62	4.35	61.4	24.8	118.9	28.0	273.1	50.2			62.0	118.0	0.53	8.18	11.61	9.55	

32746_231	1232	36	227	16.0	1084	0.024	8.71	0.266	3.98	7.13	2.07	32.50	10.05	111.8	39.2	159.4	32.8	300.7	51.7	63.0	37.0	1.70	4.62	16.72	7.32	
32746_232	558.7	8	226	11.0	1040	0.089	7.56	0.183	2.75	6.67	0.55	28.30	9.37	105.7	38.0	155.1	32.4	300.0	51.8	208.0	500.0	0.42	4.90	16.09	7.28	
32746_234	1430	26	255	21.0	562	0.012	23.27	0.046	0.84	1.79	0.33	10.40	3.88	49.2	19.5	89.3	21.4	209.9	39.4	30.0	30.0	1.00	8.01	9.12	8.23	
32746_235	1459	28	231	9.0	771	0.009	20.10	0.042	0.87	2.28	0.15	12.60	5.06	68.1	27.5	124.3	31.8	306.0	56.0	112.0	196.0	0.57	8.22	12.56	7.45	
32746_236	1499	29.5	463	32.0	1295	0.023	33.25	0.165	3.99	7.00	2.21	37.00	11.45	131.8	46.6	194.0	40.2	362.6	62.4	36.0	16.0	2.25	4.73	20.15	14.94	
32746_237	1210	31	158	17.0	392	0.016	6.81	0.050	0.69	2.01	0.10	9.69	3.21	38.2	14.2	60.8	13.3	122.7	21.7	40.0	37.0	1.08	5.69	6.16	5.10	
32746_238	677	12.5	424	11.0	2700	0.024	9.25	0.190	4.35	8.10	0.41	53.20	19.20	244.0	98.6	441.0	95.2	826.0	144.4	255.0	506.0	0.50	5.92	41.89	13.68	
32746_239	1425	20.5	358	17.0	913	0.028	25.80	0.080	1.27	2.83	0.59	17.56	6.50	79.9	31.5	147.9	32.9	331.0	59.9	72.0	88.0	0.82	7.50	14.66	11.55	
32746_241	1455	18	282	16.0	1125	Below LOD	22.28	0.079	1.49	3.88	0.69	21.90	7.98	102.0	39.5	182.1	42.2	408.0	74.7	119.0	136.0	0.88	7.32	18.04	9.09	
32746_242	549	10	109	12.0	257	0.004	24.59	0.038	1.28	1.74	0.40	7.68	2.28	25.4	9.1	38.5	8.7	79.5	14.7	33.0	46.0	0.72	5.78	4.19	3.51	
32746_243	691	9.5	200	10.0	815	0.005	1.55	0.051	1.46	3.32	0.11	20.30	6.53	76.6	28.9	121.9	27.3	251.1	43.7	61.0	347.0	0.18	5.70	12.62	6.46	
32746_245	1655	15	511	9.0	2670	0.299	96.50	0.760	8.10	13.40	4.18	66.00	21.50	249.0	92.1	405.0	87.7	805.0	148.3	611.0	338.0	1.81	5.96	42.00	16.48	
32746_246	563.8	8.5	115	27.0	138	0.018	1.95	0.058	1.12	1.76	0.13	7.05	1.78	16.2	4.5	16.8	3.2	28.2	4.7	105.0	369.0	0.28	2.88	2.08	3.70	
32746_247	1481	17	237	10.0	705	Below LOD	17.33	0.041	0.50	1.49	0.19	12.11	4.41	59.3	24.8	115.3	27.5	275.1	50.0	79.0	137.0	0.58	8.43	11.42	7.65	
32746_249	1481	19.5	255	14.0	1304	0.023	17.65	0.227	5.11	8.26	2.63	39.50	11.57	130.2	47.3	203.0	42.6	392.2	71.1	96.0	80.0	1.20	5.46	20.46	8.23	
38521_1	240.7	5.3	210	11.1	949	0.010	24.80	0.079	1.51	3.50	1.16	18.95	6.53	84.2	32.8	150.4	33.9	328.8	61.8	174.5	209.0	0.83	7.34	15.13	6.77	
38521_2	246.3	4.4	89	281.0	627	0.147	25.00	0.137	1.82	3.00	1.20	14.60	4.69	53.8	19.8	94.2	22.8	245.0	51.8	243.0	290.0	0.84	9.63	10.26	2.87	
38521_4	1076	45	624	7.9	1605	0.390	7.58	0.720	4.40	5.80	0.80	31.90	12.47	152.8	56.8	249.8	52.2	470.0	82.8	186.7	555.0	0.34	5.42	24.75	20.13	S
38521_6	235.1	6.1	318	15.8	972	0.024	16.86	0.128	2.34	4.32	1.50	23.20	7.14	87.1	33.2	149.5	33.0	312.0	58.8	145.5	160.1	0.91	6.75	15.27	10.26	
38521_7	232.7	5	226	3.1	641	0.570	29.10	0.230	1.25	1.70	0.32	10.29	3.88	49.0	21.0	104.1	24.7	259.3	51.6	191.7	293.2	0.65	10.53	10.53	7.29	
38521_8	238.7	6.9	328	4.7	1825	0.013	32.65	0.145	3.58	9.44	3.60	50.20	15.77	178.2	64.4	274.9	56.9	514.0	91.3	133.5	120.9	1.10	5.12	28.26	10.58	
38521_9	239.6	8.1	321	12.3	742	0.079	17.37	0.053	1.17	2.78	0.83	15.80	5.57	65.0	24.9	109.6	24.1	225.9	43.2	90.9	111.5	0.82	6.65	11.54	10.35	
38521_10	235.2	6	247	6.5	1001	0.000	50.60	0.077	1.50	4.23	0.52	21.00	7.53	88.5	33.6	152.1	34.0	324.2	58.7	391.1	441.4	0.89	6.63	15.92	7.98	
38521_11	557.8	9.3	52	4.9	154	0.396	17.07	0.493	3.78	1.88	0.91	4.50	1.42	12.9	4.8	21.8	5.2	57.6	13.0	77.2	548.0	0.14	10.09	2.62	1.68	
38521_13	580.7	11	101	10.7	178	0.011	4.03	0.096	1.65	4.14	0.19	15.13	3.47	27.4	6.0	17.9	2.5	17.3	2.3	113.9	346.8	0.33	0.85	2.63	3.26	
38521_14	236.6	5.1	182	1.9	1276	0.000	23.60	0.023	1.07	3.15	0.47	23.80	8.64	114.4	44.7	201.0	44.1	419.0	77.3	137.0	302.0	0.45	6.76	20.07	5.87	
38521_15	713	20	253	8.7	1110	0.063	22.00	0.142	2.60	5.72	0.80	27.50	8.66	103.6	37.5	162.1	36.1	349.1	57.4	198.5	292.4	0.68	5.54	17.33	8.16	
38521_18	243.2	6.3	189	20.4	743	0.013	16.83	0.144	3.12	4.77	0.93	23.60	6.80	71.3	25.8	107.3	21.5	198.6	34.2	201.2	185.0	1.09	4.80	11.44	6.08	
38521_19	242.7	7.6	169	7.2	528	0.008	14.30	0.030	0.88	1.62	0.78	9.69	3.36	43.8	17.4	82.5	19.9	204.0	38.8	62.3	69.6	0.90	8.86	8.54	5.46	
38521_20	622.6	11	380	5.3	1148	0.002	4.09	0.075	1.76	4.11	0.15	28.90	9.77	111.7	40.8	170.0	35.2	313.4	52.4	115.7	242.3	0.48	4.69	17.50	12.26	
38521_21	243.4	6.4	155	5.7	364	0.006	8.82	0.017	0.67	1.28	0.50	7.09	2.48	29.9	11.5	55.7	13.1	137.9	27.5	35.6	66.9	0.53	9.21	5.86	5.01	
38521_22	527.1	9.1	246	2.4	964	0.110	10.66	0.045	0.96	1.94	0.42	15.50	5.90	79.0	32.7	161.0	36.8	375.0	72.2	115.8	225.1	0.51	9.14	15.53	7.94	
38521_23	242.7	4.5	457	16.1	2982	0.022	89.30	0.306	5.71	11.37	5.64	76.60	24.29	282.3	102.3	435.8	89.2	804.0	140.5	621.0	418.4	1.48	4.98	45.92	14.74	
38521_24	586	14	20	5.4	45	0.013	1.76	0.007	0.44	0.50	0.26	1.91	0.46	4.5	1.6	6.5	1.3	13.2	2.4	38.3	55.7	0.69	5.18	0.72	0.65	
38521_26	1051	49	213	10.7	661	0.000	10.59	0.064	1.53	3.07	0.27	16.90	5.84	65.9	23.1	99.3	21.7	189.0	33.0	137.2	158.0	0.87	5.01	10.24	6.87	
38521_27	358.8	8.7	344	11.5	960	0.000	5.37	0.071	1.66	2.84	0.77	20.40	7.36	90.4	33.0	143.5	30.9	278.0	51.7	58.7	116.1	0.51	5.72	14.75	11.10	
38521_28	245.6	5.1	200	13.3	1700	0.025	34.00	0.329	6.80	10.60	3.24	56.50	16.40	170.0	59.2	243.0	51.1	453.0	75.4	429.0	317.0	1.35	4.44	26.18	6.45	
38521_29	474.8	9.7	127	8.6	906	0.022	24.01	0.102	2.50	4.39	1.42	26.30	7.99	87.5	30.6	126.0	27.9	267.2	49.3	168.3	154.1	1.09	5.63	14.11	4.08	
38521_30	522	9.7	302	7.6	1649	Below LOD	10.81	0.069	2.09	4.98	1.14	37.80	13.04	159.9	60.8	260.0	55.5	500.0	87.1	119.9	185.9	0.64	5.45	25.63	9.74	
38521_31	481.9	7.8	245	6.0	379	0.024	1.87	0.026	1.12	2.92	0.29	19.46	5.65	47.9	12.7	41.9	8.1	67.3	10.7	76.4	489.9	0.16	2.23	5.59	7.89	
38521_32	547.6	9.7	133	1.1	559	Below LOD	6.65	0.010	0.21	0.71	0.12	6.98	2.92	42.2	18.8	91.2	23.1	241.3	46.1	68.0	225.6	0.30	10.93	9.12	4.29	
38521_33	246	11	308	4.0	922	0.010	20.20	0.039	0.90	2.21	0.88	17.00	5.86	71.9	32.1	153.1	36.0	340.0	68.5	93.5	166.2	0.56	9.53	14.82	9.94	
38521_34	239.6	4.1	259	1.3	2964	0.099	18.55	0.199	5.29	10.75	0.06	73.20	24.78	289.3	109.0	449.0	91.8	783.0	132.8	409.0	959.0	0.43	4.59	45.16	8.35	
38521_35	534	12	296	5.5	1095	0.000	15.51	0.042	0.94	2.09	0.54	17.30	6.80	88.6	37.5	177.0	42.7	424.0	80.0	133.0	244.0	0.55	9.03	17.60	9.55	
38521_37	243.1	7.1	353	7.2	1956	0.046	50.60	0.360	6.68	11.12	4.30	54.00	16.88	187.7	69.2	289.0	65.5	608.0	108.9	254.0	161.6	1.57	5.80	30.80	11.39	
38521_38	492.2	10	142	2.8	1167	0.060	54.10	0.106	2.35	4.46	0.94	23.20	7.68	93.5	35.9	170.3	39.0	405.0	76.6	497.0	456.0	1.09	8.19	18.59	4.58	
38521_39	463	12	415	12.9	3560	0.017	19.07	0.398	7.73	16.11	4.80	105.20	32.90	364.0	131.1	532.0	106.8	933.0	156.7	266.4	211.1	1.26	4.30	54.39	13.39	
38521_41	240.1	4.6	229	12.9	1720	0.062	21.80	0.380	7.04	11.12	4.40	54.90	16.38	175.4	62.3	250.6	52.3	478.0	85.7	331.0	268.0	1.24	4.89	26.63	7.40	
38521_43	239	13	197	5.9	911	0.042	13.20	0.099	2.66	5.35	1.48	23.50	7.13	81.2	30.2	140.2	31.4	307.0	58.9	99.2	109.3	0.91	7.25	14.42	6.35	
38521_44	2181	39	181	6.5	685	0.012	30.06	0.104	1.43	2.76	0.82	15.80	4.47	55.7	22.4	106.8	23.8	236.0	48.0	164.3	173.8	0.95	8.62	10.98	5.84	
38521_45	381	8.5	155	8.1	482	0.047	13.75	0.110	1.34	2.23	0.70	11.20	3.63	42.1	15.9	73.4	17.8	171.8	33.3	96.9	190.0	0.51	7.91	7.73	5.00	
38521_46	1693	33	360	4.1	1690	0.266	24.04	0.413	3.77	5.46	1.01	33.10	12.37	157.3	61.5	271.5	57.7	524.0	92.6	225.1	421.0	0.53	5.89	26.41	11.61	
38521_48	242.7	5.3	231	14.6	991	0.022	14.87	0.140	2.83	5.65	0.89	26.00	7.90	90.1	33.9	145.5	32.3	297.3	54.3	224.9	310.2	0.73	6.03	15.39	7.44	
38521_50	486.7	8.3	541	5.1	3310	Below LOD	38.00	0.314	5.52	14.50	2.25	82.40	27.30	321.0	121.0	513.0	107.3	946.0	167.4	257.0	269.0	0.96	5.21	51.20	17.45	
38521_52	360.2	6.3	227	4.5	1168	0.006	14.65	0.044	1.29	4.03	0.28	21.98	7.83	102.7	40.4	180.7	42.1	390.0	70.8	172.3	400.0	0.43	6.89	18.34	7.32	
38521_53	236.4	4.3	240	6.4	1013	0.011	51.00	0.073	1.64	4.62	0.63	21.30	7.59	92.0	35.6	157.8	35.0	333.0	61.6	366.0	441.0	0.83	6.70	16.20	7.74	
38521_54	365.1	7.2	217	5.7	892	0.004	11.30	0.046	0.78	3.27	0.56	17.50	6.62	81.1	31.7	139.2	31.2	288.0	51.5	117.3	233.5	0.50	6.35	13.97	6.98	
38521_55	241.1	4.6	274	2.2	1368	0.000	33.80	0.048	1.37	4.72	0.56	25.68	9.52	123.7	48.1	218.9	48.6	459.0	82.1	258.0	511.0	0.50	6.64	21.68	8.85	
38521_56	539	19	386	13.5	1302	0.160	8.13	0.130	1.72	4.92	0.92	29.10	10.11	123.0	46.5	209.3	43.2	391.0	66.9	66.1	109.6	0.60	5.44	20.20	12.45	
38521_57	246.2	6.3	250	10.0	1860	0.461	45.30	0.665	7.17	10.68	3.36	42.10	13.78	161.0	62.6	273.0	62.7	615.0	119.2	278.0	219.0	1.27	7.40	29.37	8.06	
38521_58	506.8	9.9	211	2.3	877	0.120	7.02	0.113	1.19	2.90	0.56	13.60	5.98	72.4	28.7	137.1	32.4	325.0	58.3	92.1	330.0	0.28	8.05	13.92	6.81	
38521_59	245.4	6.8	205	12.0	1543	0.072	21.62	0.439	6.44	11.78	3.03	46.90	13.21	153.6	55.5	228.8	49.3	441.0	78.1	159.2	126.1	1.26	5.08	23.98	6.61	
38521_60	984	17	443	9.3	1155	0.000	2.33	0.066	0.98	3.17	0.06	20.80	8.32	103.3	40.7	176.3	38.5	339.0	58.3	76.5	256.3	0.30	5.64	17.68	14.29	
38521_61	367.9	8.9	165	8.7	934	Below LOD	12.60	0.151	2.34	5.38	0.83	25.50	7.88	91.5	33.9	138.0	29.9	262.0	45.2	114.0	153.0	0.75	4.94	14.41	5.32	
38521_64	251.4	4.7	197	4.2	867	0.300	14.10	0.170	1.26	2.81	0.30	16.60	5.87	74.7	29.9	136.6	32.0	311.8	57.0	220.0	419.0	0.53	7.63	13.81	6.35	
38521_65	235.9	6.1	171	6.9	903	0.006	29.80	0.065	1.09	3.55	0.93	19.77	6.80	81.7	30.7	136.4	29.7	274.5	50.7	190.0	211.0	0.90	6.21	14.14	5.52	
38521_66	533	13	245	9.6	1261	0.012	8.46	0.151	2.78	6.12	1.32	33.90	11.06	129.1	48.7	196.0	41.8	367.0	65.2	68.7	82.0	0.84	5.05	19.61	7.90	
38521_67	239.9	5.5	180	2.6	842	0.000	27.78	0.015	0.55	1.69	0.30	11.79	5.01	66.5	28.2	135.7	33.1	328.7	61.9	118.3	222.1	0.53	9.31	13.64	5.79	
38521_68	572	19	149	36.8	159	0.006	23.98	0.180	2.80	3.45	0.97	10.40	2.21	19.6	5.3	18.9	3.5	28.8	4.7	45.2	24.4	1.85	2.39	2.57	4.80	
38521_69	517	13	191	6.5	891	0.012	9.74	0.053	1.16	3.24	0.58	19.60	6.91	85.2	33.8	141.3	31.4	283.0	52.3	56.7	97.4	0.58	6.14	13.99	6.16	
38521_70	240.5	5.3	302	4.1	2158	0.026	71.00	0.070	1.27	5.14	0.76	33.50	13.38	178.1	73.5	352.7	79.8	775.0	140.9	280.1	527.0	0.53	7.91	34.55	9.74	
38521_72	521	14	124	5.3	301	0.001	1.11	0.015	0.17	0.64	0.13	5.59	2.22	25.9	10.4	47.9	11.2	109.9	21.1	17.0	70.8	0.24	8.14	4.78	4.01	
38521_73	239.5	7.7	208	11.7	1204	0.008	25.41	0.086	1.94	5.29	1.69	29.10	9.79	114.5	42.4	180.5	39.5	372.5	66.9	119.8	96.1	1.25	5.84	18.85	6.71	
38521_75	234	5.4	203	20.4	578	0.009	15.48	0.050	1.15	2.33	0.48	13.41	4.60	54.6	19.4	85.7	18.9	176.7	32.5	145.4	193.2	0.75	5.95	9.04	6.54	
38521_76	235.8	6	286	12.0	1896	0.062	40.40	0.523	7.97	11.70	4.45	51.90	15.88	177.1	66.4	286.9	65.4	623.0	117.6	270.3	167.4	1.61	6.64	30.09	9.22	
38521_78	237.4	7.7	207	18.3	1378	0.008	24.82	0.199	4.81	9.59	2.97	41.90	12.53	142.4	49.4	202.8	43.1	381.8	67.3	96.4	69.4	1.39	4.73	21.38	6.67	
38521_80	553.1	12	73	15.3	86	0.000	5.72	0.062	1.60	2.78	0.61	9.52	1.84	12.9	2.8	9.3	1.5	11.6	2.0	61.5	190.0	0.32	1.57	1.36	2.35	
38521_81	1477	43	214	13.8	902	Below LOD	8.29	0.030	1.09	2.89	0.26	16.29	6.51	79.9	31.1	143.1	31.9	309.7	55.0	60.1	104.5	0.58	6.89	14.21	6.89	
38521_82	511.7	9.4	398	7.0	1219	0.042	12.71	0.107	1.28	2.77	0.49	20.20	7.82	101.6	41.2	193.4	44.6	415.2	81.0	111.3	248.7	0.45	7.97	19.18	12.84	
38521_83	236	5.7	245	3.6	1175	0.009	20.36	0.119	2.67	4.85	1.83	25.60	8.79	105.2	40.4	185.5	42.3	399.6	76.3	116.2	174.1	0.67	7.25	18.65	7.90	
38521_85	606	19	525	9.3	1311	0.061	8.34	0.085	1.34	2.92	0.38	23.80	9.43	119.7	46.6	211.7	46.5	445.0	77.0	67.4	192.6	0.35	6.43	20.63	16.94	S
38521_86	527.3	11	545	6.7	1365	0.060	11.58	0.082	1.56	2.92	0.48	22.65	9.29	122.3	47.3	219.8	48.2	445.0	82.9	98.5	207.8	0.47	6.78	21.36	17.58	S
38521_87	468.8	8.7	304	6.1	1081	0.037	21.88	0.070	1.37	3.43	0.53	21.45	7.57	98.9	38.8	170.1	39.1	352.7	66.7	136.5	285.4	0.48	6.74	17.05	9.81	
38521_88	511.8	9.5	263	5.9	1000	0.001	20.28	0.026	0.63	2.12	0.49	15.54	5.91	78.5	33.8	160.9	39.2	392.7	77.3	114.0	187.4	0.61	9.85	16.15	8.48	
38521_89	239.1	6.9	187	11.2	708	0.007	20.14	0.069	1.44	3.04	1.13	14.60	5.18	61.8	23.8	107.6	24.5	232.0	45.5	107.1	131.3	0.82	7.36	11.19	6.05	
38521_91	228.8	5.1	263	3.8	824	0.004	23.60	0.036	0.97	2.47	0.75	14.30	5.31	69.6	27.1	130.0	31.0	306.0	59.2	102.5	171.4	0.60	8.51	13.26	8.48	
38521_92	503.9	11	287	3.9	1021	0.007	13.81	0.048	1.00	2.76	0.63	18.50	6.95	88.7	36.1	170.4	37.6	372.0	71.2	67.9	112.2	0.61	8.03	16.34	9.26	
38521_93	528.4	8.9	604	5.0	1521	0.002	8.55	0.027	0.80	3.43	0.30	24.30	9.88	132.3	52.6	241.6	52.8	487.3	89.0	97.1	252.7	0.38	6.73	23.64	19.48	S
38521_94	289	7.3	498	9.1	1983	0.002	24.87	0.046	1.82	5.63	2.36	36.90	14.08	179.3	72.5	326.7	71.1	649.0	121.1	64.1	81.0	0.79	6.75	31.24	16.06	
38521_95	238.3	5.6	338	15.8	1953	0.009	50.80	0.139	3.57	7.06	2.90	40.40	13.79	170.6	66.1	297.0	65.1	605.0	108.2	324.1	303.1	1.07	6.34	30.50	10.90	
38521_96	988	35	243	22.7	522	0.009	9.75	0.030	1.14	2.38	0.23	12.28	3.89	48.6	17.4	75.6	16.7	161.8	29.2	1.7	10.7	0.16	6.00	8.13	7.84	
38521_98	238.4	5.2	226	17.0	1045	0.027	21.91	0.265	4.39	7.86	0.88	32.20	9.66	103.8	35.1	150.7	32.0	289.9	50.2	267.3	241.5	1.11	4.84	16.17	7.30	
38521_100	227.6	4.6	228	8.6	936	0.008	24.73	0.061	1.31	2.88	1.33	17.90	6.03	77.5	30.9	140.2	33.2	335.2	66.1	206.4	250.0	0.83	8.53	14.91	7.35	
38521_102	492.7	10	191	6.3	708	0.000	2.95	0.037	1.10	2.63	0.35	17.22	5.75	70.4	25.3	108.8	23.7	220.1	40.3	59.9	135.2	0.44	5.72	11.04	6.15	
38521_103	240.5	4.7	191	3.7	931	0.028	38.70	0.050	2.95	8.12	0.47	14.20	5.31	71.0	29.1	150.8	38.4	400.0	80.4	241.5	353.0	0.68	11.32	15.42	6.15	
38521_104	234.5	8	214	8.7	1383	0.016	32.30	0.109	1.95	5.02	1.73	26.50	9.71	120.0	47.7	221.2	49.2	494.0	89.3	135.0	126.6	1.07	7.44	22.09	13.68	
38521_105	331.5	5.9	393	3.3	1777	0.000	26.36	0.103	1.81	4.93	0.76	32.80	11.85	152.0	61.2	281.9	65.5	618.0	117.7	241.6	511.0	0.47	7.74	28.14	12.68	
38521_106	238.5	5.3	317	8.4	1470	0.042	31.00	0.193	2.45	5.50	1.15	33.10	11.10	135.3	51.8	228.0	51.3	465.0	84.3	503.0	441.0	1.14	6.23	23.09	10.23	
38521_107	235.7	4.7	222	15.4	571	0.008	22.65	0.082	0.46	1.45	0.34	9.16	3.42	44.8	18.7	93.8	22.9	243.5	49.1	227.9	342.4	0.67	10.96	9.45	4.59	
38521_108	246.6	5.3	222	11.1	761	0.073	28.88	0.101	1.69	3.30	0.75	17.33	5.99	72.3	26.4	115.8	25.5	243.3	43.4	169.8	170.1	1.00	6.01	12.06	7.16	
38521_109	514.5	10	519	8.1	1390	0.000	7.30	0.033	0.95	3.19	0.54	24.10	9.77	125.0	48.6	219.0	48.3	448.0	80.4	78.4	168.0	0.47	6.43	21.65	16.74	
38521_110	237.2	4.8	489	8.0	2046	0.017	98.00	0.161	3.56	7.32	2.61	41.10	14.13	180.3	71.8	324.7	71.8	687.0	128.9	462.0	318.0	1.45	7.15	32.78	15.77	
38521_111	488.5	9	449	10.0	968	0.002	2.36	0.074	1.32	4.42	0.27	31.10	10.49	109.1	32.4	116.9	21.6	174.1	27.5	103.4	291.0	0.36	2.52	14.07	14.48	
38521_112	982	20	170	13.9	824	0.760	15.10	0.560	4.50	3.31	0.92	14.40	5.44	67.1	27.2	129.5	30.4	289.0	54.1	183.0	136.0	1.35	6.30	13.09	5.48	
38521_113	239	4.9	197	5.7	1696	0.051	41.73	0.115	2.50	5.01	1.51	35.40	12.60	154.4	59.7	261.4	56.7	528.0	98.0	656.0	756.0	0.87	6.35	26.57	10.45	
38521_114	941	17	126	0.2	912	0.008	7.70	0.030	0.70	2.67	0.24	17.70	6.59	83.2	31.8	142.0	35.9	305.0	55.9	71.7	204.0	0.35	6.72	14.32	5.75	
38521_115	562.2	10	126	6.7	347	Below LOD	5.89	0.015	0.14	0.64	0.31	4.44	1.94	26.8	11.1	52.0	11.4	110.0	21.0	41.8	309.5	0.13	7.50	5.35	4.06	
38521_116	237.9	5.2	112	6.3	428	0.004	25.10	0.016	0.63	1.47	0.40	8.28	2.80	34.2	14.0	68.0	16.7	176.8	34.9	162.0	257.0	0.63	10.20	7.11	3.61	
38521_117	367.3	7.2	226	3.0	1955	0.003	27.98	0.207	4.13	10.77	1.93	51.70	17.08	196.5	72.3	301.0	63.6	568.0	98.8	296.0	391.0	0.76	5.03	30.42	7.29	
38521_118	243.2	4.8	297	7.3	1305	0.011	30.70	0.099	1.88	4.06	1.11	23.70	7.53	94.5	34.9	156.0	32.6	323.0	58.5	167.0	195.0	0.86	6.19	15.85	9.58	
38521_119	232.7	6.5	239	9.2	1334	0.025	20.42	0.248	4.67	7.92	3.16	34.80	10.75	124.6	45.9	202.1	45.9	427.4	79.5	113.1	107.4	1.05	6.38	21.00	7.71	
38521_120	240.6	5.8	306	11.1	2087	0.104	44.30	0.607	8.99	16.00	6.31	73.20	20.69	217.6	76.1	305.0	61.6	547.0	98.5	408.0	275.6	1.48	4.53	32.32	9.87	
38521_125	240.3	5.1	187	5.1	945	0.075	34.00	0.051	1.19	2.77	0.68	16.90	6.45	79.6	31.6	147.1	35.1	344.0	64.2	202.0	310.0	0.65	8.07	15.18	6.03	
38521_126	547	15	477	8.2	1348	0.010	7.91	0.075	1.48	4.27	0.71	29.10	10.59	128.0	48.9	217.0	46.9	428.0	75.1	67.8	117.5	0.58	5.87	21.08	15.39	
38521_129	245.4	6	185	15.4	1353	0.030	15.96	0.156	4.98	7.64	2.32	34.20	11.11	125.2	45.9	199.7	45.0	417.0	75.7	231.8	206.0	1.13	6.05	21.08	5.95	
38521_131	242.3	4.4	302	5.5	1681	Below LOD	15.80	0.090	2.64	4.75	1.43	30.10	10.70	139.2	56.6	260.0	59.8	570.0	107.1	194.2	408.0	0.48	7.69	26.41	9.74	
38521_132	524.1	12	571	9.8	1425	Below LOD	7.13	0.066	1.33	4.16	0.80	27.30	10.35	126.2	55.4	230.3	52.0	483.0	89.0	73.6	165.2	0.45	7.05	22.44	18.42	S
38521_133	233.1	5.2	305	15.0	1224	0.004	32.71	0.083	2.30	4.82	1.96	28.10	9.32	111.5	43.8	188.2	39.9	373.0	68.9	418.0	290.8	1.44	6.18	19.15	9.84	
38521_134	243.5	6	197	13.8	648	0.047	21.88	0.073	1.15	2.80	0.76	15.43	4.96	60.2	22.1	99.2	21.2	201.9	37.0	120.2	149.3	0.88	6.15	10.21	6.35	
38521_135	371.6	6.7	599	5.5	1731	0.092	5.76	0.291	4.12	7.08	0.98	34.80	12.15	153.0	61.1	280.4	65.7	645.0	122.3	168.5	517.0	0.33	7.99	27.71	19.32	
38521_136	487.6	9.2	245	6.0	1055	0.066	21.34	0.131	1.29	1.75	0.60	13.30	5.66	78.5	33.3	179.0	44.8	460.0	94.9	177.0	322.0	0.55	12.09	17.40	7.89	
38521_137	235.9	5.9	221	10.7	915	0.008	22.87	0.076	1.63	3.71	1.34	19.29	6.64	80.3	31.5	145.6	32.4	314.3	59.4	100.0	136.4	0.73	7.40	14.57	7.13	
38521_139	236.7	5	223	13.9	752	0.130	26.01	0.139	1.94	3.84	1.11	19.40	5.80	68.7	25.2	113.2	24.7	232.6	41.9	251.8	263.1	0.96	6.10	11.84	7.20	
38521_140	230.9	5.8	192	12.1	1255	0.020	21.50	0.294	4.90	8.26	3.03	38.40	11.64	126.4	43.9	187.1	39.0	350.0	62.9	193.0	156.3	1.23	4.98	19.48	6.19	
38521_141	984	87	312	17.9	878	0.044	13.45	0.061	1.43	3.11	0.59	18.80	6.53	80.8	30.5	138.8	31.0	296.6	53.9	14.9	30.1	0.50	6.67	13.89	10.06	
38521_142	560.2	9.1	222	10.2	339	0.032	2.49	0.061	1.35	4.76	0.42	19.10	4.69	41.9	11.8	42.7	8.3	68.2	11.3	41.9	258.1	0.16	2.69	5.12	7.17	
38521_143	235.1	7.5	169	11.5	776	0.016	20.60	0.089	1.57	3.64	1.77	18.33	6.27	70.5	26.9	117.7	26.0	253.8	47.5	82.4	94.9	0.87	6.74	12.50	5.44	
38521_144	376	6.8	250	5.6	825	0.006	14.93	0.021	0.81	2.63	0.31	15.37	6.01	74.0	27.6	127.1	28.6	264.4	47.8	149.7	359.3	0.42	6.45	12.90	8.05	
38521_145	240.2	4.9	201	5.0	802	0.050	38.80	0.114	1.12	2.94	0.77	16.57	5.99	70.5	26.3	122.3	27.9	262.0	49.5	306.2	356.0	0.86	7.02	12.77	6.48	
38521_146	526.2	9.3	249	4.2	945	0.069	15.15	0.037	0.78	2.15	0.27	14.88	5.89	77.3	32.1	155.7	36.8	361.3	69.4	147.3	258.0	0.57	8.98	15.20	8.03	
38521_147	238.5	5	168	4.6	1112	0.023	45.00	0.041	0.94	2.35	0.92	16.60	6.18	87.0	36.8	184.7	43.7	452.0	87.9	206.1	223.7	0.92	10.10	18.25	5.42	
38521_148	621	13	300	22.9	1413	0.019	8.83	0.255	5.16	10.03	0.78	48.30	13.97	151.0	51.2	205.9	40.8	344.9	56.6	41.8	83.2	0.50	3.75	21.46	9.66	
38521_149	503.3	10	349	4.6	1476	0.032	11.71	0.072	1.35	3.03	0.75	21.30	8.24	116.0	47.3	238.5	58.7	595.0	121.1	207.8	358.0	0.58	10.44	23.82	11.26	
38521_151	1157	63	153	6.7	770	0.050	7.84	0.131	1.57	3.08	0.25	17.60	5.68	73.8	26.8	118.4	25.2	229.5	40.3	60.3	127.8	0.47	5.46	11.91	4.94	
38521_154	548.4	11	417	5.1	1266	0.008	19.25	0.029	0.88	2.70	0.24	22.60	8.69	116.1	43.4	198.4	44.2	404.0	71.7	175.4	346.3	0.51	6.18	19.78	13.45	
38521_155	895	15	422	8.1	1550	0.530	11.25	1.010	9.30	11.80	1.41	47.10	14.80	158.0	54.7	230.0	48.9	462.0	84.2	112.0	330.9	0.34	5.33	24.20	13.61	
38521_157	251.8	7.2	606	6.3	4780	0.147	158.00	1.260	19.80	33.50	11.60	144.50	44.80	491.0	170.5	726.0	145.1	1308.0	233.0	866.0	549.0	1.58	4.75	74.70	19.55	
38521_158	235.5	6.3	183	8.9	863	0.220	21.76	0.127	2.01	4.22	1.54	20.10	6.60	79.4	28.6	131.8	30.5	304.3	57.4	130.3	142.3	0.92	7.23	13.81	5.90	
38521_159	239.7	8.7	176	6.7	1246	0.035	33.50	0.169	3.28	5.75	2.08	33.00	10.52	119.0	42.2	186.5	42.7	380.0	72.0	232.0	215.0	1.08	6.05	19.59	7.52	
38521_160	510.7	9.3	228	7.2	1085	0.630	19.13	0.670	6.01	5.49	1.32	22.30	7.37	92.6	35.6	167.9	38.0	360.5	69.9	250.0	434.4	0.58	7.55	17.13	7.35	
38521_161	243.5	7.5	176	5.1	825	0.000	31.10	0.041	0.78	1.92	0.77	13.70	4.83	67.5	27.5	134.3	32.2	332.0	67.1	121.5	142.1	0.86	9.94	13.53	5.68	
38521_162	517.4	10	271	9.1	1950	0.006	13.10	0.152	1.84	8.48	1.78	49.40	16.51	199.0	71.4	307.0	64.2	559.0	97.3	126.0	162.0	0.78	4.89	30.21	8.74	
38521_163	232.9	6.5	244	7.8	1190	0.070	30.10	0.088	1.15	3.19	1.09	21.80	7.45	102.0	40.6	189.0	43.8	433.0	78.9	330.0	269.0	1.23	7.74	19.19	7.87	
38521_165	231.4	5.4	404	19.7	2188	0.006	51.60	0.216	3.88	7.78	3.94	47.90	16.47	199.1	76.0	331.0	70.0	622.0	112.2	366.0	233.8	1.57	5.64	33.82	13.03	
38521_166	502.5	8.8	269	2.0	952	0.470	20.20	0.250	1.20	1.74	0.45	11.46	4.83	67.5	30.3	153.8	40.3	426.0	86.7	234.0	505.0	0.46	12.84	15.71	8.68	
38521_168	351.1	8	186	14.1	1487	0.084	4.72	0.334	6.20	11.19	4.94	54.90	15.44	161.5	53.8	218.1	44.3	372.1	66.1	117.3	153.5	0.76	4.09	22.78	6.01	
38521_169	236.3	6.2	185	12.7	811	0.086	21.00	0.194	2.97	4.34	1.39	19.70	6.48	73.0	27.0	123.9	28.7	277.0	53.7	151.0	177.0	0.85	7.36	12.93	5.97	
38521_172	838	18	233	4.5	1033	0.003	2.25	0.024	0.81	1.96	0.37	14.80	5.58	82.0	36.5	203.0	54.6	583.0	113.6	18.0	43.0	0.13	13.85	18.08	7.52	
38521_173	237.4	5.3	206	9.0	813	0.032	25.29	0.068	1.67	3.40	0.90	18.78	6.42	73.7	27.6	125.1	27.4	258.2	48.8	200.6	250.4	0.80	6.62	12.83	6.64	
38521_174	240.8	4.7	342	4.0	2218	0.057	105.00	0.177	2.86	7.81	1.59	49.20	16.98	204.0	75.6	338.0	74.0	683.0	118.6	469.0	455.0	1.03	5.78	35.01	11.03	
38521_175	562.2	9.4	345	41.4	205	0.013	2.48	0.250	5.62	10.84	0.23	23.40	4.59	32.8	7.0	19.9	3.2	21.4	3.2	28.6	277.8	0.10	0.98	3.14	11.13	
38521_176	536.4	11	290	9.8	1023	0.010	8.63	0.052	1.24	3.28	0.77	22.10	7.93	97.2	37.2	163.7	35.1	331.0	60.6	71.0	136.5	0.52	6.23	16.07	9.35	
38521_177	505.3	8.7	163	2.2	428	0.008	2.00	0.023	0.44	1.30	0.15	9.73	3.71	42.1	14.5	61.6	13.6	125.4	23.2	59.7	459.0	0.13	5.50	6.58	5.26	
38521_178	234.8	6.1	89	3.7	606	0.018	29.00	0.024	0.60	1.32	0.62	10.80	3.61	44.6	18.7	92.8	23.8	250.3	54.9	280.0	345.0	0.81	12.31	9.98	2.87	
38521_179	587.7	12	485	10.2	1208	0.155	8.40	0.373	4.73	6.99	0.41	34.80	10.76	121.0	43.6	181.0	37.0	308.0	53.3	146.9	191.1	0.77	4.40	18.42	15.65	S
38521_180	523.1	10	163	4.7	693	0.020	9.94	0.034	0.78	1.60	0.25	13.01	4.70	59.6	23.9	111.2	25.0	235.9	43.6	111.9	241.1	0.46	7.31	10.94	5.24	
38521_181	497.1	12	243	16.0	2262	0.055	34.92	0.538	9.70	16.60	6.79	84.00	25.38	258.5	83.2	320.0	62.0	512.6	88.5	149.5	90.9	1.64	3.42	34.46	7.84	
38521_182	1104	45	240	8.0	879	0.000	16.92	0.026	0.73	1.89	0.37	13.18	5.41	68.0	28.4	144.8	36.0	360.7	71.2	109.0	237.8	0.46	10.47	14.31	7.74	
38521_183	528	12	581	10.7	1435	0.032	9.16	0.047	1.29	3.40	0.44	25.60	10.17	133.7	50.6	226.1	48.4	447.0	80.6	71.9	133.0	0.54	6.03	22.29	18.74	S
38521_184	1074	100	270	12.2	1060	0.310	3.75	0.560	8.40	11.05	5.61	47.60	12.21	126.4	41.1	153.0	30.5	270.0	48.2	16.8	25.9	0.65	3.81	16.46	8.71	
38521_187	353.5	6	140	1.9	864	0.000	7.55	0.034	0.80	2.03	0.23	14.40	5.33	73.9	29.7	133.4	30.7	290.8	53.4	187.0	457.0	0.41	7.23	13.52	4.52	
38521_188	237.8	5.7	388	8.0	2810	0.110	76.30	0.637	10.73	16.50	5.82	80.10	24.80	280.0	99.9	424.0	91.5	830.0	147.6	441.0	258.0	1.71	5.27	44.10	12.52	
38521_190	236.9	5.4	236	15.8	954	0.008	24.00	0.133	2.17	4.45	1.48	20.30	6.89	83.7	31.9	147.4	32.0	301.0	57.9	179.9	189.0	0.95	6.81	14.98	7.61	
38521_191	241.9	4.9	228	10.6	989	0.160	40.89	0.226	2.71	4.29	1.44	24.60	7.84	93.1	34.7	169.5	32.6	308.3	56.7	341.0	327.0	1.04	6.09	15.66	7.35	
38521_192	494	13	256	15.9	929	0.000	30.36	0.117	2.67	6.02	1.98	28.00	8.96	96.8	34.4	139.0	27.1	247.6	44.4	88.6	71.6	1.24	4.59	14.46	8.26	
38521_195	244.6	8.2	136	9.2	333	0.015	13.40	0.027	0.50	0.93	0.43	5.89	2.30	27.9	11.2	50.4	12.3	126.7	24.8	48.6	72.1	0.67	9.10	5.38	4.39	
38521_196	521	12	380	8.2	1305	0.217	50.40	0.366	4.15	6.31	2.18	27.60	9.94	119.0	45.5	201.2	45.0	450.0	84.6	313.6	197.9	1.58	7.11	20.94	12.26	
38521_197	238.8	8	159	6.8	570	0.062	11.29	0.170	1.37	1.85	0.71	11.20	3.80	49.9	18.0	89.6	21.4	211.5	44.8	82.3	104.5	0.79	8.98	9.18	5.13	
38521_198	387.9	7	481	6.9	1540	0.570	16.53	0.715	6.77	7.90	1.44	35.80	12.50	147.0	53.4	230.0	49.1	405.0	79.6	274.0	658.0	0.42	5.41	23.91	15.52	
38521_199	245.9	4.9	196	5.9	776	0.012	20.70	0.050	0.96	2.63	0.57	14.50	5.29	64.7	25.4	121.0	27.6	274.0	50.0	200.0	403.0	0.50	7.73	12.34	6.32	
38521_200	889	24	226	17.7	621	0.005	4.10	0.058	1.28	2.55	0.10	14.60	4.99	61.2	22.3	94.8	20.2	184.2	30.3	69.3	260.6	0.27	4.95	9.60	7.29	
38521_201	612	13	337	4.6	1839	0.154	12.31	0.630	10.51	16.30	0.96	66.40	18.82	198.4	68.4	268.8	51.9	429.0	75.9	139.0	348.0	0.40	3.83	27.97	10.67	
38521_203	1088	49	204	10.7	548	Below LOD	9.78	0.029	0.67	2.06	0.15	10.72	3.99	50.0	18.9	86.3	18.8	167.3	31.3	96.8	174.0	0.56	6.25	8.54	6.59	
38521_204	235.8	9.7	238	15.4	908	0.020	30.80	0.060	1.98	4.37	0.95	20.70	7.06	82.8	31.4	141.7	31.5	301.0	51.8	205.7	217.5	0.95	6.26	14.43	7.68	
38521_205	236.9	5.6	255	13.3	1281	0.079	35.47	0.230	3.75	7.32	1.65	33.90	10.59	119.4	43.2	186.7	40.4	371.8	66.7	458.0	403.6	1.13	5.59	19.92	8.23	
38521_206	531.2	10	389	6.0	987	0.000	6.93	0.021	0.61	1.98	0.25	14.85	6.32	84.1	33.7	159.8	36.7	347.0	63.0	52.4	226.1	0.23	7.49	15.57	12.55	
38521_208	565.9	11	224	18.5	249	0.022	5.17	0.373	4.61	9.49	0.42	24.80	5.96	43.5	8.6	19.6	2.9	16.0	1.8	111.4	222.1	0.50	0.41	3.73	7.23	
38521_209	241.5	7.4	257	10.3	1166	0.059	29.00	0.223	3.70	6.96	1.53	28.50	9.90	110.6	40.3	178.5	38.5	351.0	62.1	268.0	275.9	0.97	5.61	18.26	8.29	
38521_210	790	19	280	5.9	1163	0.000	8.37	0.023	1.65	3.65	0.05	20.50	7.79	104.1	37.4	177.5	39.7	351.0	58.6	215.3	531.0	0.41	5.78	17.89	9.03	
38521_211	229	12	226	17.2	699	0.047	20.80	0.064	1.45	3.42	1.13	14.50	5.00	62.3	23.4	113.7	23.7	220.4	42.5	57.8	56.3	1.02	6.51	11.07	7.61	
38521_212	235.7	5.3	364	15.0	1559	0.014	24.46	0.149	2.44	6.02	2.52	33.00	10.97	137.5	52.1	235.5	53.1	492.0	91.3	122.4	131.2	0.93	6.64	24.32	11.74	
38521_213	853	28	292	32.0	1344	0.105	11.76	0.843	12.00	14.94	3.33	57.90	15.55	154.0	51.8	199.0	37.5	356.0	58.4	58.5	19.1	3.06	3.65	20.67	9.42	
38521_214	235	6	354	4.4	1120	0.008	22.31	0.080	1.43	3.76	1.25	21.60	7.94	94.4	38.4	173.3	40.0	385.0	74.8	128.0	206.0	0.62	7.92	17.73	11.42	
38521_215	1075	72	396	4.3	1820	0.046	29.60	0.218	3.73	8.90	1.04	45.00	14.60	175.0	64.6	273.0	56.9	518.0	91.2	129.5	190.8	0.68	5.21	28.11	12.77	
38521_216	519.8	9.7	373	7.3	1641	0.011	18.62	0.065	2.05	5.81	0.94	33.00	12.79	153.8	59.5	267.0	56.7	509.0	93.9	174.4	257.9	0.68	6.11	25.67	12.03	
38521_217	232.9	5.5	228	9.9	1801	0.127	23.51	0.363	7.11	11.24	2.80	49.70	15.82	178.7	63.1	274.4	56.7	513.0	90.1	258.9	218.8	1.18	5.04	27.93	7.35	
38521_218	234.5	6.7	207	10.0	1290	0.004	30.20	0.175	3.78	7.00	2.23	35.00	11.20	124.0	45.0	188.0	41.1	379.0	64.9	213.0	195.0	1.09	5.23	20.08	6.68	
38521_219	692	15	569	8.7	1692	0.017	17.77	0.045	1.46	3.73	0.22	28.10	11.62	151.3	57.1	253.3	53.5	476.9	77.6	131.2	192.4	0.68	5.13	25.76	18.35	
38521_222	519.2	9.4	312	6.3	1053	0.306	11.36	0.123	1.68	2.93	0.64	22.60	7.75	99.9	37.6	168.3	37.2	334.0	60.6	97.5	174.9	0.56	6.07	16.51	10.06	
38521_224	229.3	6.2	254	15.5	892	Below LOD	23.73	0.124	2.14	3.87	1.78	21.40	6.89	79.4	29.8	137.4	30.0	272.5	51.0	121.2	107.9	1.12	6.42	13.97	8.19	
38521_225	232.1	6.5	205	14.8	1477	0.032	22.80	0.302	6.71	9.78	4.08	47.30	14.24	150.1	51.7	212.7	43.7	388.0	69.5	190.2	142.5	1.33	4.63	22.72	6.62	
38521_226	243.1	5.2	202	7.0	1462	0.019	14.75	0.313	5.96	9.06	2.81	42.70	12.71	143.8	50.3	218.1	46.3	426.5	78.6	181.0	253.8	0.71	5.47	22.71	6.52	
38521_227	237.9	5.1	165	7.5	788	0.000	31.15	0.030	0.91	2.58	0.55	17.20	5.63	70.4	26.1	117.1	26.0	249.8	45.7	198.0	237.9	0.83	6.49	12.41	5.31	
38521_228	241.9	6.5	159	8.0	743	0.273	20.45	0.165	1.92	3.37	1.34	18.40	5.78	66.2	24.5	114.9	25.6	247.7	48.0	120.8	157.5	0.77	7.25	11.81	5.14	
38521_229	512.3	8.6	405	9.0	2326	0.010	20.20	0.164	3.40	7.54	2.06	51.10	18.00	215.3	83.2	367.0	77.7	712.0	127.9	200.3	260.1	0.77	5.94	36.17	13.06	
38521_230	519	15	398	2.5	824	0.021	10.60	0.016	0.41	1.63	0.26	10.10	3.88	63.9	27.3	149.1	41.2	484.0	88.4	47.7	429.7	0.11	13.83	14.46	12.84	
38521_231	233.7	8.4	179	26.1	463	0.049	8.63	0.068	1.15	2.23	0.92	11.16	3.54	42.7	15.8	73.3	15.7	153.8	29.5	47.4	50.8	0.93	6.91	7.34	5.77	
38521_232	492	17	185	20.3	1070	0.065	13.42	0.401	6.92	8.83	5.42	41.40	11.46	114.7	37.7	153.4	30.1	261.0	47.6	52.3	34.0	1.54	4.15	16.42	5.96	
38521_236	504.2	9.4	431	5.6	1542	0.004	23.38	0.094	1.54	3.75	1.17	25.80	9.90	127.4	50.8	245.7	57.9	578.0	114.2	149.1	188.4	0.79	8.96	24.69	13.90	
38521_237	906	19	162	4.6	766	Below LOD	5.25	0.062	1.65	3.19	0.41	20.47	6.81	79.6	28.5	120.4	25.3	227.3	39.3	26.5	59.9	0.44	4.94	11.94	5.22	
38521_239	237.3	5.4	207	5.6	862	0.017	43.30	0.019	1.16	2.70	0.46	16.50	5.89	73.2	28.6	135.5	30.1	285.6	54.6	297.6	377.0	0.79	7.46	13.76	6.68	
38521_240	234.2	6.1	309	10.2	1552	0.035	33.70	0.356	5.82	8.49	3.61	41.90	12.67	147.1	53.4	240.1	52.4	505.0	95.6	205.8	134.7	1.53	6.50	24.61	9.97	
38521_241	236.1	5.6	198	17.2	1436	0.052	20.92	0.432	5.84	7.83	1.22	42.60	12.81	150.3	50.5	209.0	43.9	421.0	67.2	570.0	660.0	0.86	4.47	22.32	6.39	
38521_242	515.4	8.4	260	5.1	1229	0.004	12.48	0.041	0.95	2.77	0.56	17.90	7.10	92.4	39.8	198.3	48.4	490.0	100.3	280.0	436.0	0.64	10.85	19.80	8.39	
38521_243	373.5	7.2	225	10.0	1056	0.002	11.97	0.120	1.99	4.26	0.87	22.90	7.89	96.6	35.7	162.0	35.5	322.7	60.2	128.0	218.6	0.59	6.23	16.41	7.27	
38521_245	231.1	5.1	224	14.2	871	0.000	22.27	0.068	1.52	3.44	1.40	19.10	6.13	75.9	29.2	135.2	30.5	295.0	58.1	129.7	163.0	0.80	7.65	13.83	7.23	
38521_246	231.3	5.6	264	10.2	954	0.022	31.02	0.082	1.68	3.04	0.77	21.10	7.02	86.1	32.6	144.6	32.1	311.7	55.3	285.0	334.5	0.85	6.42	15.07	8.52	
38521_247	673.6	12	291	2.8	872	0.009	3.85	0.074	1.65	4.16	0.63	24.70	7.30	84.9	29.8	127.1	27.0	241.1	42.9	83.1	264.0	0.31	5.05	13.35	9.40	
38521_249	227.5	4	274	16.6	1738	0.010	42.20	0.156	2.70	5.60	2.38	33.00	11.76	147.1	57.7	265.2	59.2	546.0	102.0	414.0	366.5	1.13	6.93	27.14	8.84	
38521_250	545.1	11	373	10.9	1181	0.009	5.59	0.075	1.59	3.41	0.68	25.10	8.49	104.2	40.9	189.0	41.4	385.0	72.8	57.0	119.1	0.48	6.99	18.49	12.03	

*: Best age is selected according to the limitation of trace elements (P < 2000 ppm, Ti < 80 ppm and La < 10 ppm) and mass sweeps (>15) with 95% of concordancehigh concordance (including 2se)

†: The 2se (standard error) combine the reporducibility of the primary zircon standard with the within-spot precision, added in quadrature.

‡: 6/38, uncorrected $^{206}Pb/^{238}U$ age; Pbcor6/38, corrected $^{206}Pb/^{238}U$ age; 7/6, uncorrected $^{207}Pb/^{206}Pb$ age.

§: Concordance % is calculated from $^{206}Pb/^{238}U$ and $^{207}Pb/^{235}U$ ages for young grains (<950 Ma) and $^{206}Pb/^{238}U$ and $^{207}Pb/^{206}Pb$ ages for old grains (>950 Ma).

Notes:

1. Some grains show two distinct stable signial periods from rim to core so that both ages were calculated and reported if it pass the criteria of a. They are not ananlysed for O and Lu-Hf isotopes.
2. Chondrite values are after McDonough and Sun (1995).
3. Sample 32746 and 38521 are coming from references of Paulsen et al. (2017a; 2017b).

References:

McDonough, W.F., Sun, S.-S., 1995. The composition of the Earth. Chemical geology 120, 223-253.

Paulsen, T., Deering, C., Sliwinski, J., Bachmann, O., Guillong, M., 2017a. New detrital zircon age and trace element evidence for 1450Ma igneous zircon sources in East Antarctica. Precambrian Res. 300, 53-58.

Paulsen, T., Deering, C., Sliwinski, J., Valencia, V., Bachmann, O., Guillong, M., 2017b. Detrital zircon ages and trace element compositions of Permian-Triassic foreland basin strata of the Gondwanide orogen, Antarctica. Geosphere 13, 2085-2093.

Table 4.2 U-Pb ages of zircon references for each analytical session.

Session	Reference	Number	Mean $^{206}Pb/^{238}U$ age	2SD	2SE	Mean $^{207}Pb/^{235}U$ age	2SD	2SE	Mean $^{207}Pb/^{206}Pb$ age	2SD	2SE	Analyzed unknown sample
20191107	91500	25	1073.0	35.9	7.2	1069.7	25.8	5.2	1065.2	47.7	9.5	35-324 (No. 1-208)
	Temora 2	25	417.0	2.5	0.5	415.6	16.1	3.2	406.1	119.0	23.8	
	R33	12	417.9	20.6	5.9	412.2	21.9	6.3	376.5	159.6	46.1	
20191108_1	91500	28	1081.6	36.7	6.9	1085.7	58.1	11.0	1067.2	74.4	14.1	178-1099B (No. 1-236)
	Temora 2	27	417.0	3.9	0.7	415.4	4.5	0.9	370.2	144.8	27.9	
	R33	9	421.8	11.5	3.8	423.1	29.9	10.0	405.2	189.1	63.0	
20191108_2	91500	30	1080.5	19.9	3.6	1068.6	27.8	5.1	1065.4	39.9	7.3	119-740A (No. 1-25)
	Temora 2	30	416.3	12.1	2.2	414.1	13.8	2.5	417.6	108.2	19.8	318-U1357A (No. 1-84)
	R33	15	417.5	19.1	4.9	422.8	32.9	8.5	473.0	139.3	36.0	28-273A (No. 1-110)
20191109	91500	20	1077.0	22.0	4.9	1070.2	27.0	6.0	1063.4	57.5	12.9	113-692B (No. 1-170)
	Temora 2	20	417.3	7.6	1.7	417.2	15.6	3.5	418.4	137.0	30.6	
	R33	7	418.5	8.6	3.3	415.7	6.4	2.4	424.9	56.7	21.4	
20200720	91500	24	1069.8	23.1	4.7	1045.0	52.2	10.7	1064.0	167.6	34.2	178-1096B (No. 1-150)
	Temora 2	18	416.6	10.1	2.4	401.2	50.8	12.0	383.3	289.7	68.3	
	R33	11	417.6	16.3	4.9	408.2	26.7	8.1	448.4	156.0	47.0	
20200722	91500	27	1066.6	34.9	6.7	1031.9	57.2	11.0	1068.1	176.1	33.9	178-1096B (No. 151-320)
	Temora 2	26	416.5	3.9	0.8	408.0	36.3	7.1	443.1	243.5	47.7	
	R33	10	418.6	6.5	2.0	406.1	33.7	10.7	434.7	197.2	62.4	
20200723	91500	29	1063.0	35.3	6.6	1024.5	38.0	7.1	1066.2	14.9	2.8	178-1096B (No. 321-480)
	Temora 2	27	415.0	8.2	1.6	407.3	40.9	7.9	450.0	270.9	52.1	318-U1355A (No. 1-30)
	R33	10	415.4	12.9	4.1	410.3	36.8	11.6	440.5	229.7	72.6	
20200731	91500	28	1065.3	29.3	5.5	1041.5	90.4	17.1	1065.7	41.1	7.8	318-U1355A (No. 31-211)
	Temora 2	12	418.2	5.9	1.7	405.8	89.6	25.9	362.0	261.9	75.6	318-U1358A (No. 1-20)
	R33	27	417.1	10.2	2.0	394.4	62.0	11.9	337.8	373.1	71.8	
20200813_1	91500	14	1075.2	18.1	4.8	1057.0	55.6	14.9	1067.1	165.7	44.3	318-U1358A (No. 21-110)
	Temora 2	14	417.0	5.4	1.5	408.8	40.6	10.8	417.0	271.4	72.5	
	R33	7	417.7	4.5	1.7	403.9	45.0	17.0	483.8	401.2	151.6	
	OG1	4	3501.8	64.3	32.2	3481.5	36.8	18.4	3467.6	41.6	20.8	
20200813_2	91500	21	1071.6	19.5	4.3	1047.3	66.4	14.5	1063.6	50.6	11.0	318-U1358A (No. 111-200)
	Temora 2	20	417.6	7.9	1.8	407.9	45.4	10.2	432.4	340.5	76.1	28-271 (No. 1-40)
	R33	9	417.1	3.3	1.1	406.4	38.8	12.9	451.3	300.6	100.2	
	OG1	10	3459.4	82.7	26.2	3457.3	65.2	20.6	3477.8	76.9	24.3	
20200814_1	91500	25	1053.2	56.2	11.2	1028.0	52.2	10.4	1065.8	32.7	6.5	28-271 (No. 41-220)
	Temora 2	26	417.1	6.7	1.3	404.6	62.2	12.2	447.7	346.6	68.0	
	R33	10	416.5	6.2	2.0	413.0	36.6	11.6	486.6	237.3	75.0	
	OG1	8	3519.3	169.6	60.0	3474.8	68.2	24.1	3471.1	12.0	4.3	
20200814_2	91500	30	1058.5	46.0	8.4	1037.1	56.2	10.3	1065.4	12.7	2.3	119-741A (No. 1-200)
	Temora 2	31	417.4	10.2	1.8	408.1	40.7	7.3	425.3	288.8	51.9	
	R33	14	416.0	4.5	1.2	405.3	64.6	17.3	440.7	285.2	76.2	
	OG1	8	3530.8	121.3	42.9	3478.0	71.5	25.3	3459.4	25.8	9.1	
20200815	91500	38	1059.1	37.4	6.1	1039.1	30.3	4.9	1064.8	5.7	0.9	119-741A (No. 201-232)
	Temora 2	35	416.7	5.2	0.9	404.9	48.3	8.2	418.8	282.8	47.8	28-268 (No. 1-211)
	R33	16	417.0	2.6	0.6	396.1	62.0	15.5	389.6	328.5	82.1	
	OG1	15	3445.6	203.3	52.5	3465.4	66.5	17.2	3469.7	8.1	2.1	

Note: All the data were processed via Iolite software (Paton et al., 2011).

Reference:

Paton, C., Hellstrom, J., Paul, B., Woodhead, J., Hergt, J., 2011. Iolite: Freeware for the visualisation and processing of mass spectrometric data. Journal of Analytical Atomic Spectrometry 26, 2508-2518.

Table 4.3 U-Pb ages for Grain 41 and 149 from the site 318-U1358A

	Mass sweep	$^{206}Pb/^{238}U$ Age (Ma)	$^{207}Pb/^{206}Pb$ Age (Ma)	^{206}Pb CPS*	^{207}Pb CPS	^{238}U CPS
318-U1358A_41	1	3412	4562	293	180	459
	2	3941	4202	327	157	423
	3	4214	4169	347	163	409
	4	4093	4035	345	148	422
	5	4454	4283	345	175	375
	6	3790	4334	335	176	451
	7	4173	4193	354	169	418
	8	4011	4261	342	171	425
	9	4126	4245	356	176	425
	10	4323	4257	399	199	446
	11	4337	4473	379	219	421
	12	4266	4368	396	213	449
	13	4236	4390	414	226	474
	14	4475	3895	435	170	460
	15	4584	4415	434	241	443
	16	4580	4047	446	193	455
	17	3996	4349	405	215	498
	18	3934	4378	410	222	514
	19	4159	4036	447	192	519
	20	3553	4102	392	176	560
	Mean	**4133**	**4250**	**Concordance†**	**97%**	
	1 RSD % of Mean	**7.5**	**3.95**	**Uncertainty of counting statistics (1 RSD %) ‡**	**1.99**	
	2SE	**139**	**75**			
318-U1358A_149	1	4432	4405	1294	733	1444
	2	4727	4354	1351	739	1374
	3	4864	4337	1380	746	1345
	4	4536	4342	1319	716	1416
	5	4521	4198	1364	671	1467
	6	4082	4248	1204	612	1487
	7	4176	4208	1221	604	1459
	8	4194	4388	1180	661	1399
	9	3959	4165	1101	529	1408
	10	3997	4266	1073	552	1352
	11	3843	4217	1075	535	1424
	12	3669	4191	955	467	1342
	13	3897	4297	1020	536	1321
	14	4001	4187	1097	535	1369
	15	4142	4481	1054	628	1253
	16	4632	4096	1177	540	1196
	17	4031	4401	1092	616	1341
	18	4301	4303	1126	594	1264
	19	4225	4118	1130	526	1297
	Mean	**4223**	**4274**	**Concordance**	**99%**	
	1 RSD % of Mean	**7.62**	**2.48**	**Uncertainty of counting statistics (1 RSD %)**	**1.15**	
	2SE	**148**	**49**			

*: CPS, the net count after background correction.

†: Concordance is calcuated by $^{207}Pb/^{206}Pb$ vs $^{206}Pb/^{238}U$ ages.

‡: Error from ion counting statistics (Wielandt and Bizzarro, 2011) combines the uncertainty of ^{207}Pb and ^{206}Pb counts, added in quadrature.

Reference:

Wielandt, D., Bizzarro, M., 2011. A TIMS-based method for the high precision measurements of the three-isotope potassium composition of small samples. Journal of Analytical Atomic Spectrometry 26, 366-377.

Table 4.4 Oxygen isotopic data for detrital zircons from Antarctica.

Sample ID	Best age (Ma)	2SE	$\delta^{18}O_{VSMOW}$*	± Within-spot precision (95% conf.)	± Spot precision (95% conf.)†
28-268_1	1420	70	5.17	0.12	0.57
28-268_4	1324	98	6.20	0.21	0.59
28-268_5	1509	70	7.25	0.16	0.57
28-268_6	1107	159	6.96	0.07	0.56
28-268_7	530	6	6.49	0.17	0.58
28-268_8	1563	74	7.36	0.12	0.57
28-268_11	1189	116	8.19	0.26	0.61
28-268_12	689	19	5.82	0.13	0.57
28-268_14	536	10	7.69	0.20	0.59
28-268_15	1128	95	7.66	0.15	0.57
28-268_16	1213	88	6.01	0.22	0.59
28-268_20	1238	65	8.07	0.22	0.60
28-268_22	1213	154	7.09	0.19	0.59
28-268_28	1199	204	8.43	0.19	0.58
28-268_31	1275	115	7.65	0.19	0.58
28-268_34	1199	118	8.76	0.21	0.59
28-268_46	304	13	4.11	0.12	0.57
28-268_49	3332	26	5.65	0.19	0.58
28-268_52	1154	66	8.03	0.33	0.64
28-268_53	1240	175	8.35	0.06	0.56
28-268_55	1261	61	6.21	0.25	0.61
28-268_62	1181	50	6.87	0.37	0.67
28-268_64	1174	145	7.78	0.08	0.56
28-268_65	1249	74	6.87	0.13	0.57
28-268_68	1561	68	6.42	0.21	0.59
28-268_71	1161	68	7.17	0.41	0.69
28-268_77	473	10	6.58	0.16	0.58
28-268_87	1324	132	7.14	0.29	0.62
28-268_97	1156	137	6.30	0.18	0.58
28-268_103	1235	159	5.93	0.19	0.58
28-268_104	1414	197	6.70	0.13	0.57
28-268_105	1259	71	7.33	0.31	0.63
28-268_113	1308	80	2.50	0.42	0.69
28-268_114	1161	121	8.65	0.17	0.52
28-268_115	1181	92	7.61	0.17	0.53
28-268_116	1261	76	6.72	0.21	0.54
28-268_117	1169	98	7.37	0.38	0.62
28-268_120	414	9	5.73	0.17	0.53
28-268_126	1362	170	7.59	0.38	0.63
28-268_128	1360	222	8.79	0.38	0.63
28-268_130	1199	96	9.32	0.30	0.58
28-268_133	1259	85	5.58	0.25	0.56
28-268_135	636	12	7.04	0.19	0.53
28-268_137	1201	116	6.56	0.15	0.52
28-268_142	1403	155	6.96	0.19	0.53
28-268_144	1440	78	6.04	0.14	0.52
28-268_148	971	151	7.72	0.40	0.64
28-268_150	1194	44	6.50	0.29	0.58
28-268_152	1233	77	8.23	0.24	0.55
28-268_164	1206	135	6.37	0.34	0.60
28-268_170	1337	135	8.35	0.23	0.55
28-268_180	528	22	6.75	0.16	0.52
28-268_185	1201	79	7.76	0.28	0.57
28-268_188	2735	74	5.34	0.19	0.53
28-268_190	1225	94	5.80	0.15	0.52
28-268_194	613	10	9.58	0.20	0.54
28-268_200	1216	83	7.67	0.31	0.59
28-268_202	1199	145	7.22	0.13	0.52
28-268_205	1208	73	6.20	0.24	0.55
28-268_208	1154	109	8.23	0.21	0.54
28-268_209	1223	99	6.06	0.20	0.54
28-271_5	501	8	5.66	0.16	0.54
28-271_6	201	6	4.44	0.27	0.59
28-271_12	1208	142	6.94	0.24	0.57
28-271_17	188	5	5.85	0.16	0.54
28-271_21	102	5	3.39	0.17	0.54
28-271_27	531	11	9.42	0.21	0.56
28-271_35	260	5	5.36	0.14	0.54
28-271_37	153	3	5.39	0.30	0.60
28-271_38	214	6	4.75	0.07	0.52
28-271_41	167	5	8.79	0.23	0.57
28-271_43	343	4	7.45	0.15	0.54
28-271_46	118	5	7.38	0.39	0.65
28-271_50	523	8	8.19	0.16	0.54
28-271_53	100	6	9.31	0.15	0.54
28-271_55	102	3	6.74	0.38	0.64
28-271_57	118	2	5.54	0.27	0.58
28-271_67	284	14	3.49	0.20	0.55
28-271_74	223	6	5.52	0.13	0.53
28-271_77	575	12	6.57	0.11	0.53
28-271_86	1008	120	10.12	0.22	0.56
28-271_95	152	11	3.17	0.29	0.59
28-271_96	194	6	4.33	0.13	0.54
28-271_100	231	7	5.63	0.20	0.55
28-271_109	939	28	7.09	0.19	0.55
28-271_118	185	6	6.27	0.29	0.59
28-271_119	174	5	6.38	0.17	0.55
28-271_120	1799	48	8.41	0.07	0.52
28-271_132	506	10	5.94	0.23	0.57
28-271_134	206	6	5.51	0.15	0.54
28-271_136	224	6	5.74	0.25	0.58
28-271_139	205	7	5.86	0.21	0.56
28-271_146	457	13	5.63	0.10	0.53
28-271_155	204	5	4.87	0.24	0.57
28-271_161	925	19	6.88	0.15	0.54
28-271_162	362	9	7.16	0.26	0.58

28-271_174	269	12	4.12	0.18	0.55
28-271_175	188	4	4.94	0.18	0.55
28-271_178	194	5	4.34	0.20	0.55
28-271_184	186	8	6.08	0.12	0.53
28-271_190	287	7	5.68	0.28	0.59
28-271_199	67	3	7.44	0.23	0.57
28-271_200	195	6	5.76	0.32	0.61
28-271_208	270	7	3.78	0.12	0.53
28-271_209	257	13	4.76	0.14	0.54
28-273A-2	1110	60	4.90	0.14	0.45
28-273A-3	1223	70	10.07	0.16	0.45
28-273A-4	495	16	8.04	0.15	0.45
28-273A-8	465	15	9.66	0.11	0.44
28-273A-14	544	18	8.09	0.10	0.43
28-273A-19	515	17	8.52	0.23	0.48
28-273A-24	478	15	10.52	0.14	0.44
28-273A-26	726	24	6.52	0.16	0.45
28-273A-27	516	16	8.14	0.20	0.47
28-273A-31	438	14	10.58	0.11	0.44
28-273A-35	473	15	7.82	0.17	0.46
28-273A-37	411	13	7.36	0.25	0.49
28-273A-48	513	16	6.28	0.13	0.44
28-273A-51	616	20	6.96	0.14	0.45
28-273A-52	529	17	6.79	0.15	0.45
28-273A-53	907	50	5.42	0.19	0.46
28-273A-54	509	16	7.50	0.17	0.46
28-273A-55	111	4	6.46	0.26	0.50
28-273A-58	465	15	8.96	0.17	0.45
28-273A-61	486	15	7.10	0.24	0.49
28-273A-76	239	8	4.94	0.16	0.45
28-273A-79	2115	33	7.59	0.24	0.49
28-273A-81	452	15	8.47	0.16	0.45
28-273A-92	457	15	7.20	0.22	0.48
28-273A-96	1060	32	8.70	0.19	0.46
28-273A-102	461	14	7.53	0.11	0.44
28-273A-103	539	17	9.63	0.11	0.44
28-273A-106	632	19	7.62	0.16	0.45
28-273A-109	1105	31	6.12	0.12	0.44
35-324-1	1645	51	5.12	0.14	0.50
35-324-3	204	6	7.57	0.15	0.50
35-324-4	626	14	7.24	0.16	0.51
35-324-5	289	7	5.71	0.16	0.51
35-324-10	269	6	4.96	0.18	0.51
35-324-12	985	31	8.52	0.15	0.50
35-324-14	1076	64	9.84	0.12	0.50
35-324-15	546	14	7.24	0.10	0.49
35-324-17	206	7	8.44	0.13	0.50
35-324-19	564	14	8.20	0.12	0.50
35-324-27	240	8	4.15	0.14	0.50
35-324-30	100	5	4.26	0.19	0.52
35-324-36	299	8	5.62	0.24	0.54
35-324-38	545	12	9.44	0.16	0.51
35-324-42	560	12	8.11	0.13	0.50
35-324-44	559	12	8.81	0.19	0.52
35-324-47	191	5	7.27	0.18	0.51
35-324-52	106	4	5.89	0.12	0.50
35-324-55	128	3	5.14	0.10	0.49
35-324-56	174	4	8.82	0.13	0.50
35-324-57	1414	51	6.36	0.10	0.49
35-324-59	187	6	4.58	0.14	0.50
35-324-62	197	5	5.30	0.10	0.49
35-324-63	182	6	5.42	0.13	0.50
35-324-64	224	6	4.12	0.19	0.52
35-324-65	241	6	5.87	0.23	0.53
35-324-68	179	5	4.11	0.15	0.50
35-324-71	97	3	3.89	0.16	0.51
35-324-73	574	14	6.81	0.16	0.51
35-324-74	178	5	8.13	0.14	0.50
35-324-75	593	20	6.02	0.13	0.50
35-324-76	187	6	8.53	0.15	0.50
35-324-77	1591	46	8.48	0.14	0.50
35-324-79	720	16	7.63	0.17	0.51
35-324-87	554	13	7.14	0.11	0.49
35-324-89	586	14	7.51	0.26	0.54
35-324-90	110	5	4.21	0.27	0.55
35-324-92	323	10	6.61	0.12	0.50
35-324-93	103	4	3.83	0.12	0.50
35-324-96	1002	39	7.92	0.20	0.52
35-324-97	521	11	6.98	0.28	0.55
35-324-98	113	4	3.94	0.15	0.50
35-324-101	250	8	7.16	0.18	0.51
35-324-106	549	12	8.39	0.12	0.50
35-324-111	1092	55	5.45	0.18	0.51
35-324-115	647	19	4.93	0.24	0.54
35-324-116	1016	33	6.30	0.14	0.50
35-324-122	1113	42	6.40	0.24	0.54
35-324-124	1738	24	5.96	0.22	0.53
35-324-131	202	6	6.16	0.18	0.51
35-324-133	1762	25	8.58	0.15	0.50
35-324-139	207	5	6.25	0.14	0.50
35-324-142	526	13	8.96	0.14	0.50
35-324-157	2417	23	2.97	0.19	0.52
35-324-160	1013	75	8.48	0.13	0.50
35-324-164	1762	29	6.61	0.20	0.52
35-324-183	507	12	5.28	0.15	0.50
35-324-187	1948	21	6.33	0.17	0.51
35-324-193	191	5	10.30	0.16	0.51
113-692B-1	1322	50	4.72	0.16	0.45
113-692B-10	629	12	10.15	0.17	0.45
113-692B-21	1049	79	6.78	0.19	0.46

113-692B-24	674	14	7.02	0.19	0.47
113-692B-29	517	13	6.81	0.25	0.49
113-692B-31	629	11	8.25	0.15	0.45
113-692B-45	1141	66	5.93	0.13	0.44
113-692B-55	900	20	6.05	0.14	0.45
113-692B-69	1254	55	8.20	0.11	0.44
113-692B-72	530	15	7.40	0.26	0.50
113-692B-75	3524	37	6.63	0.11	0.44
113-692B-82	3358	35	6.23	0.14	0.45
113-692B-85	1146	84	4.57	0.21	0.47
113-692B-88	1049	68	6.94	0.17	0.46
113-692B-99	1065	72	8.04	0.23	0.48
113-692B-113	1458	62	7.89	0.19	0.46
113-692B-116	500	12	5.89	0.22	0.48
113-692B-125	1131	62	6.85	0.13	0.44
113-692B-128	646	12	9.30	0.11	0.44
113-692B-131	544	9	6.89	0.12	0.44
113-692B-135	502	12	8.13	0.11	0.44
113-692B-138	633	11	7.22	0.10	0.43
113-692B-163	530	10	10.36	0.13	0.44
113-692B-166	939	22	7.13	0.11	0.44
119-740A-1	723	27	10.29	0.09	0.47
119-740A-5	752	23	13.16	0.13	0.48
119-740A-8	825	31	11.32	0.17	0.49
119-740A-11	1008	78	5.54	0.14	0.48
119-740A-14	2868	17	5.93	0.33	0.57
119-740A-21	560	18	8.98	0.12	0.48
119-741A_1	553	15	7.24	0.30	0.58
119-741A_7	523	15	7.16	0.17	0.53
119-741A_9	558	15	7.64	0.26	0.56
119-741A_12	979	153	6.68	0.21	0.56
119-741A_18	498	11	6.32	0.19	0.55
119-741A_19	522	8	7.29	0.18	0.55
119-741A_20	537	13	7.31	0.08	0.52
119-741A_23	555	9	6.95	0.29	0.59
119-741A_24	555	11	6.97	0.28	0.59
119-741A_26	547	10	6.77	0.18	0.55
119-741A_29	541	11	7.28	0.39	0.65
119-741A_30	1070	118	7.67	0.15	0.54
119-741A_33	1049	98	6.26	0.12	0.53
119-741A_35	962	175	7.41	0.28	0.59
119-741A_38	565	15	7.26	0.39	0.65
119-741A_39	566	10	6.98	0.15	0.54
119-741A_40	285	11	8.14	0.20	0.56
119-741A_48	562	22	7.74	0.28	0.59
119-741A_55	515	19	7.48	0.26	0.58
119-741A_59	529	19	7.53	0.08	0.52
119-741A_60	550	10	6.62	0.34	0.62
119-741A_67	528	14	7.27	0.15	0.54
119-741A_69	1027	102	7.11	0.22	0.56
119-741A_71	263	7	7.19	0.08	0.52
119-741A_73	546	22	6.94	0.14	0.54
119-741A_77	549	8	8.36	0.21	0.56
119-741A_81	491	10	7.20	0.16	0.54
119-741A_87	567	9	7.11	0.11	0.53
119-741A_94	538	13	7.25	0.11	0.53
119-741A_110	567	13	7.14	0.27	0.59
119-741A_116	548	10	7.20	0.09	0.53
119-741A_121	882	11	7.85	0.29	0.59
119-741A_132	550	12	8.75	0.33	0.62
119-741A_133	273	4	6.19	0.22	0.56
119-741A_140	499	8	7.14	0.14	0.54
119-741A_144	527	8	7.08	0.14	0.54
119-741A_150	314	5	6.04	0.15	0.54
119-741A_170	524	15	7.15	0.15	0.54
119-741A_173	1016	139	6.11	0.13	0.53
119-741A_175	528	9	7.37	0.17	0.54
119-741A_178	544	8	7.38	0.14	0.54
119-741A_182	544	8	6.42	0.16	0.54
119-741A_197	557	13	7.97	0.24	0.57
119-741A_202	1046	158	3.96	0.12	0.53
119-741A_206	570	16	6.50	0.39	0.65
119-741A_208	514	7	7.38	0.29	0.59
119-741A_209	364	16	7.34	0.15	0.54
119-741A_214	530	11	7.63	0.19	0.55
119-741A_215	544	9	7.70	0.09	0.53
119-741A_216	550	6	7.51	0.21	0.56
119-741A_220	516	9	7.68	0.30	0.60
119-741A_228	547	13	7.52	0.12	0.53
119-741A_229	535	17	6.25	0.29	0.59
178-1096B_8	944	13	6.90	0.28	0.62
178-1096B_20	2056	122	6.72	0.14	0.57
178-1096B_22	108	5	4.43	0.41	0.69
178-1096B_33	242	3	5.12	0.33	0.65
178-1096B_39	295	8	5.02	0.27	0.61
178-1096B_73	938	19	7.12	0.40	0.68
178-1096B_78	137	6	5.01	0.33	0.65
178-1096B_93	1477	131	4.83	0.38	0.67
178-1096B_118	617	9	6.19	0.22	0.59
178-1096B_131	104	7	4.16	0.38	0.67
178-1096B_144	222	4	6.65	0.19	0.58
178-1096B_173	105	5	4.18	0.30	0.63
178-1096B_176	1705	58	7.43	0.33	0.64
178-1096B_177	110	4	5.96	0.20	0.59
178-1096B_182	1273	84	4.18	0.49	0.74
178-1096B_188	261	11	5.53	0.11	0.55
178-1096B_192	119	5	5.14	0.14	0.56
178-1096B_208	1110	73	4.52	0.44	0.70
178-1096B_217	210	7	5.27	0.26	0.60
178-1096B_224	280	7	8.34	0.19	0.57

178-1096B_229	131	7	5.07	0.34	0.64
178-1096B_230	113	4	5.30	0.25	0.59
178-1096B_256	95	6	5.75	0.05	0.54
178-1096B_261	23	1	8.72	0.28	0.61
178-1096B_262	84	3	4.51	0.16	0.56
178-1096B_284	107	4	5.90	0.14	0.56
178-1096B_307	23	3	5.54	0.33	0.63
178-1096B_312	137	5	5.25	0.26	0.60
178-1096B_313	1939	80	5.31	0.19	0.57
178-1096B_331	540	10	9.66	0.20	0.57
178-1096B_335	191	9	6.92	0.19	0.57
178-1096B_348	480	10	6.16	0.22	0.58
178-1096B_354	125	7	4.87	0.31	0.62
178-1096B_360	1399	73	7.73	0.22	0.58
178-1096B_364	208	5	7.54	0.18	0.57
178-1096B_368	89	3	5.58	0.23	0.59
178-1096B_370	153	4	7.52	0.28	0.61
178-1096B_403	390	7	5.77	0.14	0.56
178-1096B_421	522	13	7.29	0.10	0.55
178-1096B_433	189	6	10.42	0.23	0.59
178-1096B_435	118	4	3.42	0.14	0.56
178-1096B_471	25	2	8.33	0.17	0.56
178-1096B_478	81	5	4.55	0.29	0.61
178-1096B_479	64	4	3.77	0.20	0.57
178-1099B-2	86	3	4.55	0.22	0.53
178-1099B-3	91	4	4.69	0.15	0.50
178-1099B-9	86	3	4.51	0.14	0.50
178-1099B-10	75	2	3.48	0.18	0.51
178-1099B-16	64	3	4.56	0.19	0.52
178-1099B-19	34	2	5.04	0.14	0.50
178-1099B-24	69	3	4.61	0.21	0.52
178-1099B-26	604	19	6.23	0.14	0.50
178-1099B-27	19	1	5.01	0.15	0.50
178-1099B-32	58	2	4.81	0.12	0.50
178-1099B-33	44	2	5.05	0.11	0.49
178-1099B-34	70	2	3.83	0.23	0.53
178-1099B-35	84	3	4.67	0.15	0.50
178-1099B-36	56	3	4.55	0.11	0.49
178-1099B-41	58	3	4.36	0.21	0.53
178-1099B-43	132	4	5.35	0.14	0.50
178-1099B-48	49	2	4.97	0.21	0.52
178-1099B-50	46	2	4.73	0.14	0.50
178-1099B-53	52	2	5.00	0.11	0.49
178-1099B-59	49	2	4.58	0.12	0.50
178-1099B-62	56	2	4.74	0.23	0.53
178-1099B-68	62	2	4.40	0.13	0.50
178-1099B-69	56	3	4.89	0.15	0.50
178-1099B-79	67	3	4.75	0.14	0.50
178-1099B-84	1030	85	5.98	0.11	0.49
178-1099B-87	54	2	4.68	0.14	0.50
178-1099B-101	68	3	4.19	0.20	0.52
178-1099B-105	60	3	3.77	0.10	0.49
178-1099B-108	54	2	4.27	0.14	0.50
178-1099B-111	73	3	3.17	0.14	0.50
178-1099B-117	52	2	4.70	0.12	0.50
178-1099B-122	71	3	4.32	0.11	0.49
178-1099B-123	58	3	4.72	0.11	0.49
178-1099B-130	116	4	5.02	0.12	0.50
178-1099B-139	44	2	4.70	0.14	0.50
178-1099B-145	69	3	4.59	0.12	0.50
178-1099B-146	20	1	4.62	0.15	0.50
178-1099B-147	20	1	4.71	0.16	0.51
178-1099B-148	47	2	4.92	0.12	0.50
178-1099B-153	138	5	5.85	0.16	0.51
178-1099B-155	58	2	4.76	0.14	0.50
178-1099B-159	69	3	4.69	0.21	0.53
178-1099B-165	116	5	5.19	0.18	0.52
178-1099B-170	24	1	5.06	0.15	0.50
178-1099B-183	289	9	5.55	0.10	0.49
178-1099B-190	569	17	5.47	0.13	0.50
178-1099B-191	63	2	4.30	0.21	0.53
178-1099B-195	58	2	4.72	0.13	0.50
178-1099B-200	60	2	4.08	0.14	0.50
178-1099B-205	134	4	5.83	0.20	0.52
178-1099B-207	106	4	4.01	0.13	0.50
178-1099B-214	134	7	4.29	0.12	0.50
178-1099B-216	63	3	4.70	0.11	0.49
178-1099B-217	61	2	4.20	0.18	0.51
178-1099B-224	86	4	4.20	0.13	0.50
178-1099B-236	47	2	4.99	0.12	0.50
318-U1355A_4	2716	60	5.71	0.15	0.57
318-U1355A_8	1667	119	4.98	0.21	0.59
318-U1355A_9	1553	82	5.75	0.12	0.57
318-U1355A_10	1675	83	5.43	0.44	0.71
318-U1355A_13	2067	50	6.45	0.27	0.62
318-U1355A_14	1228	111	7.55	0.21	0.59
318-U1355A_18	1593	112	5.74	0.16	0.57
318-U1355A_23	1760	117	8.96	0.27	0.62
318-U1355A_24	1631	106	4.06	0.30	0.63
318-U1355A_25	1769	59	10.33	0.11	0.56
318-U1355A_26	573	13	6.36	0.25	0.60
318-U1355A_31	1230	121	7.83	0.17	0.58
318-U1355A_38	1627	45	7.96	0.32	0.64
318-U1355A_41	1595	161	5.76	0.43	0.70
318-U1355A_42	1621	95	3.36	0.22	0.60
318-U1355A_46	1753	53	8.46	0.24	0.60
318-U1355A_48	1574	117	4.63	0.34	0.65
318-U1355A_50	1664	91	10.25	0.45	0.71
318-U1355A_56	1647	97	6.28	0.28	0.62
318-U1355A_64	1726	85	9.46	0.28	0.62

318-U1355A_70	1710	84	8.29	0.14	0.57
318-U1355A_76	114	7	7.80	0.05	0.55
318-U1355A_80	1382	240	5.36	0.41	0.69
318-U1355A_81	1692	53	9.57	0.26	0.61
318-U1355A_84	1807	79	5.21	0.32	0.64
318-U1355A_85	1429	97	3.81	0.12	0.57
318-U1355A_97	1176	115	4.68	0.21	0.59
318-U1355A_99	1714	175	8.50	0.35	0.65
318-U1355A_105	1815	133	6.38	0.21	0.59
318-U1355A_106	1553	97	5.32	0.19	0.58
318-U1355A_110	1606	45	10.63	0.33	0.64
318-U1355A_115	1703	120	4.95	0.15	0.57
318-U1355A_116	1228	121	6.58	0.21	0.59
318-U1355A_119	1523	89	5.38	0.42	0.69
318-U1355A_125	1621	86	4.00	0.33	0.64
318-U1355A_128	1664	179	7.18	0.48	0.73
318-U1355A_131	1750	82	6.27	0.49	0.74
318-U1355A_147	608	14	7.62	0.30	0.63
318-U1355A_149	2672	52	4.85	0.46	0.72
318-U1355A_150	1610	152	4.10	0.30	0.63
318-U1355A_151	1708	107	4.30	0.35	0.66
318-U1355A_160	558	13	9.99	0.07	0.56
318-U1355A_165	1599	89	7.35	0.18	0.58
318-U1355A_169	1495	99	7.36	0.31	0.63
318-U1355A_175	1633	81	5.71	0.27	0.61
318-U1355A_180	1141	141	5.92	0.10	0.56
318-U1355A_184	1805	81	4.63	0.15	0.57
318-U1355A_188	1429	89	6.09	0.31	0.63
318-U1355A_192	1563	99	7.40	0.21	0.59
318-U1355A_193	1691	96	8.50	0.27	0.61
318-U1355A_194	1535	103	5.32	0.21	0.59
318-U1355A_200	1712	86	7.71	0.29	0.62
318-U1355A_201	488	10	10.06	0.20	0.59
318-U1355A_207	117	11	7.26	0.25	0.61
318-U1355A_210	1403	82	3.43	0.34	0.65
318-U1357A-36	1647	38	7.47	0.19	0.46
318-U1357A-39	1729	81	9.05	0.17	0.46
318-U1357A-41	1733	40	6.85	0.14	0.45
318-U1357A-45	1712	60	8.49	0.10	0.44
318-U1357A-46	1191	64	6.20	0.12	0.44
318-U1357A-55	1745	22	5.76	0.16	0.45
318-U1357A-59	2437	19	6.37	0.12	0.44
318-U1357A-60	1879	34	10.91	0.30	0.52
318-U1357A-61	1703	30	6.11	0.14	0.45
318-U1357A-63	1620	37	4.32	0.13	0.44
318-U1357A-64	1689	25	8.18	0.15	0.45
318-U1357A-66	1696	37	10.19	0.23	0.48
318-U1357A-72	1727	28	10.47	0.16	0.45
318-U1357A-75	1608	71	5.93	0.14	0.45
318-U1357A-81	1625	61	6.38	0.20	0.47
318-U1357A-82	1748	31	9.44	0.21	0.47
318-U1357A-83	1608	47	3.86	0.28	0.51
318-U1358A_11	127	10	2.94	0.37	0.66
318-U1358A_14	2339	46	7.77	0.39	0.68
318-U1358A_16	524	18	7.07	0.47	0.73
318-U1358A_21	1705	160	4.58	0.18	0.58
318-U1358A_24	2553	128	6.98	0.17	0.58
318-U1358A_41	4250	75	5.10	0.20	0.59
318-U1358A_45	917	14	5.48	0.18	0.58
318-U1358A_46	630	9	4.94	0.26	0.61
318-U1358A_48	1755	150	5.77	0.22	0.60
318-U1358A_50	125	5	4.79	0.49	0.74
318-U1358A_54	501	11	8.55	0.12	0.56
318-U1358A_55	2666	128	4.69	0.39	0.67
318-U1358A_62	2469	136	7.85	0.39	0.68
318-U1358A_71	1818	147	8.22	0.28	0.62
318-U1358A_80	1694	212	4.62	0.20	0.59
318-U1358A_83	2119	146	7.10	0.11	0.56
318-U1358A_89	1752	152	5.80	0.24	0.60
318-U1358A_92	1151	170	6.26	0.34	0.65
318-U1358A_93	617	9	7.44	0.09	0.56
318-U1358A_97	1767	162	7.89	0.49	0.74
318-U1358A_102	572	9	9.12	0.10	0.56
318-U1358A_108	1851	152	7.11	0.44	0.71
318-U1358A_110	1252	195	8.44	0.22	0.59
318-U1358A_118	602	14	9.75	0.29	0.62
318-U1358A_120	272	8	6.16	0.16	0.57
318-U1358A_124	1895	70	4.65	0.27	0.62
318-U1358A_128	1854	49	7.37	0.23	0.60
318-U1358A_136	2381	51	6.73	0.31	0.64
318-U1358A_141	2402	30	6.90	0.19	0.59
318-U1358A_145	114	4	6.78	0.12	0.56
318-U1358A_149	4274	49	5.26	0.22	0.59
318-U1358A_152	1994	81	6.30	0.26	0.61
318-U1358A_165	2357	35	9.17	0.21	0.59
318-U1358A_170	1843	59	3.19	0.25	0.61
318-U1358A_171	1775	134	4.29	0.17	0.58
318-U1358A_172	1888	39	8.96	0.31	0.63
318-U1358A_179	928	18	8.51	0.24	0.60
318-U1358A_182	555	12	6.99	0.09	0.56
318-U1358A_191	1425	62	6.65	0.26	0.61
318-U1358A_197	523	13	8.83	0.22	0.59

*: $\delta^{18}O$ (permil) = $((^{18}O/^{16}O_{true})/(^{18}O/^{16}O_{VSMOW})-1)*1000$, where $^{18}O/^{16}O_{true}$ is the background, EISIE (Electron Induced Secondary Ion Emission), and IMF (Instrumental Mass Fractionation) corrected 18O/16O ratio, and (18O/16O)VSMOW is the reference value (0.0020052; Baertschi, 1976).

†: Spot uncertainty combines the within-spot uncertainty and the reproducibility (weighted 2SD) of the primary reference zircon, added in quadrature.

References:

Baertschi, P. (1976) Absolute ^{18}O content of standard mean ocean water. Earth and Planetary Science Letters 31, 341-344.

Table 4.5 Oxygen isotope data of zircon standards for each session.

Referecnce	date	time	$^{18}O/^{16}O$*	± (95% conf.)	$\delta^{18}O_{VSMOW}$†	± Within-spot precision (95% conf.)	± Spot precision SDRM (95% conf.) ‡	Analyzed unknown sample
8/01/2020								
R33 (Primary)								
R33-1.1	8/01/2020	9:53:08	0.00201608	0.00000026	5.42	0.13	0.50	35-324 (No. 1-193)
R33-1.2	8/01/2020	9:59:05	0.00201654	0.00000021	5.66	0.10	0.49	178-1099B (No. 2-236)
R33-1.3	8/01/2020	10:05:02	0.00201615	0.00000040	5.46	0.20	0.52	
R33-1.4	8/01/2020	10:10:59	0.00201662	0.00000029	5.69	0.14	0.50	
R33-1.5	8/01/2020	10:16:56	0.00201617	0.00000021	5.47	0.10	0.49	
R33-1.7	8/01/2020	10:31:53	0.00201685	0.00000026	5.81	0.13	0.50	
R33-1.8	8/01/2020	10:40:18	0.00201664	0.00000033	5.71	0.16	0.51	
R33-1	8/01/2020	13:30:39	0.00201707	0.00000031	5.92	0.15	0.50	
R33-2	8/01/2020	13:37:28	0.00201485	0.00000037	4.81	0.18	0.51	
R33-3	8/01/2020	13:44:18	0.00201577	0.00000028	5.27	0.14	0.50	
R33-4	8/01/2020	14:40:06	0.00201658	0.00000027	5.68	0.14	0.50	
R33-5	8/01/2020	15:22:30	0.00201628	0.00000036	5.53	0.18	0.51	
R33-6	8/01/2020	16:11:02	0.00201605	0.00000046	5.41	0.23	0.53	
R33-34	8/01/2020	16:17:58	0.00201673	0.00000029	5.75	0.14	0.50	
R33-7	8/01/2020	16:59:02	0.00201714	0.00000028	5.95	0.14	0.50	
R33-8	8/01/2020	17:46:58	0.00201582	0.00000042	5.29	0.21	0.52	
R33-9	8/01/2020	18:28:01	0.00201643	0.00000022	5.60	0.11	0.49	
R33-10	8/01/2020	19:10:01	0.00201672	0.00000037	5.74	0.18	0.51	
R33-35	8/01/2020	19:16:56	0.00201717	0.00000034	5.97	0.17	0.51	
R33-11	8/01/2020	20:05:04	0.00201536	0.00000025	5.07	0.12	0.50	
R33-12	8/01/2020	20:46:11	0.00201582	0.00000032	5.29	0.16	0.51	
R33-13	8/01/2020	21:34:12	0.00201568	0.00000036	5.23	0.18	0.51	
R33-14	8/01/2020	22:15:21	0.00201670	0.00000026	5.74	0.13	0.50	
R33-15	8/01/2020	23:03:25	0.00201652	0.00000027	5.65	0.13	0.50	
R33-17	8/01/2020	23:51:18	0.00201605	0.00000033	5.41	0.16	0.51	
R33-18	9/01/2020	0:39:22	0.00201663	0.00000029	5.70	0.14	0.50	
R33-19	9/01/2020	1:20:35	0.00201583	0.00000027	5.30	0.13	0.50	
R33-20	9/01/2020	2:09:54	0.00201598	0.00000029	5.38	0.14	0.50	
R33-36	9/01/2020	2:16:46	0.00201580	0.00000049	5.29	0.24	0.54	
R33-21	9/01/2020	2:57:49	0.00201653	0.00000041	5.65	0.20	0.52	
R33-22	9/01/2020	3:46:41	0.00201607	0.00000029	5.42	0.15	0.50	
R33-23	9/01/2020	4:28:54	0.00201589	0.00000030	5.33	0.15	0.50	
R33-24	9/01/2020	5:17:48	0.00201649	0.00000028	5.63	0.14	0.50	
R33-25	9/01/2020	5:59:38	0.00201611	0.00000022	5.44	0.11	0.49	
R33-26	9/01/2020	6:06:27	0.00201576	0.00000049	5.27	0.24	0.54	
R33-33	9/01/2020	6:55:37	0.00201606	0.00000023	5.41	0.12	0.49	
R33-28	9/01/2020	7:58:17	0.00201686	0.00000024	5.81	0.12	0.50	
R33-29	9/01/2020	8:40:31	0.00201690	0.00000024	5.83	0.12	0.50	
		N	38					
		Mean	5.53		**Weighted mean**		5.55	
		2SD	0.51		**Weighted 2SD**		0.48	
		2SE	0.08		**Weighted 2SE**		0.08	
Pleišovice								
PL-2	8/01/2020	13:58:02	0.00202095	0.00000028	7.85	0.14	0.50	
PL-3	8/01/2020	15:29:58	0.00202096	0.00000032	7.86	0.16	0.51	
PL-4	8/01/2020	17:05:56	0.00202149	0.00000021	8.12	0.10	0.49	
PL-6	8/01/2020	19:23:52	0.00202169	0.00000027	8.22	0.13	0.50	
PL-7	8/01/2020	20:53:06	0.00202069	0.00000038	7.73	0.19	0.52	
PL-8	8/01/2020	22:22:15	0.00202041	0.00000028	7.59	0.14	0.50	
PL-9	8/01/2020	23:58:12	0.00202141	0.00000031	8.09	0.16	0.51	
PL-10	9/01/2020	1:28:02	0.00202154	0.00000030	8.15	0.15	0.50	
PL-11	9/01/2020	3:04:44	0.00202060	0.00000027	7.68	0.13	0.50	
PL-12	9/01/2020	4:35:50	0.00202118	0.00000021	7.97	0.10	0.49	
PL-13	9/01/2020	6:13:24	0.00202172	0.00000024	8.24	0.12	0.49	
PL-19	9/01/2020	7:09:20	0.00202062	0.00000025	7.69	0.13	0.50	
		N	12					
		Mean	7.93		**Weighted mean**		7.96	
		2SD	0.46		**Weighted 2SD**		0.44	
		2SE	0.13		**Weighted 2SE**		0.13	
Mud Tank								
Mud_Tank-1.2	8/01/2020	9:41:11	0.00201589	0.00000022	5.33	0.11	0.49	
Mud_Tank-1.3	8/01/2020	9:47:08	0.00201547	0.00000023	5.12	0.12	0.49	
Mud_Tank-1.4	8/01/2020	10:49:28	0.00201522	0.00000058	5.00	0.29	0.56	
Mud_Tank-1.5	8/01/2020	10:58:28	0.00201574	0.00000039	5.26	0.19	0.52	
		N	4					
		Mean	5.18		**Weighted mean**		5.22	
		2SD	0.30		**Weighted 2SD**		0.27	
		2SE	0.13		**Weighted 2SE**		0.12	
10/01/2020								
R33 (Primary)								
R33-1.1	10/01/2020	9:44:52	0.00201619	0.00000071	5.48	0.35	0.58	119-740A (No. 1-21)
R33-1.2	10/01/2020	9:51:41	0.00201691	0.00000025	5.84	0.12	0.48	
R33-4.1	10/01/2020	10:53:33	0.00201600	0.00000024	5.38	0.12	0.48	
R33-2.1	10/01/2020	11:34:57	0.00201649	0.00000023	5.63	0.11	0.48	
R33-3.1	10/01/2020	11:41:46	0.00201584	0.00000028	5.31	0.14	0.48	
		N	5					
		Mean	5.53		**Weighted mean**		5.55	
		2SD	0.42		**Weighted 2SD**		0.46	
		2SE	0.19		**Weighted 2SE**		0.21	
Pleišovice								
PL-1.1	10/01/2020	9:58:34	0.00202230	0.00000066	8.53	0.33	0.57	
PL-1.2	10/01/2020	10:05:23	0.00202261	0.00000038	8.68	0.19	0.50	
PL-2.1	10/01/2020	11:00:26	0.00202152	0.00000026	8.14	0.13	0.48	
PL-3.1	10/01/2020	11:48:39	0.00202007	0.00000030	7.41	0.15	0.49	
		N	4					
		Mean	8.19		**Weighted mean**		8.04	
		2SD	1.57		**Weighted 2SD**		1.03	
		2SE	0.79		**Weighted 2SE**		0.51	
Mud Tank								
Mud_Tank-1.1	10/01/2020	10:12:19	0.00201498	0.00000041	4.88	0.20	0.51	
Mud_Tank-1.2	10/01/2020	10:19:08	0.00201445	0.00000051	4.61	0.25	0.53	
Mud_Tank-2.1	10/01/2020	11:55:33	0.00201472	0.00000036	4.75	0.18	0.50	
		N	3					
		Mean	4.74		**Weighted mean**		4.76	
		2SD	0.26		**Weighted 2SD**		0.24	
		2SE	0.15		**Weighted 2SE**		0.14	
13/01/2020								
R33 (Primary)								
R33-5.3	13/01/2020	15:55:28	0.00201571	0.00000060	5.24	0.30	0.52	318-U1357A (No. 36-83)
R33-6.1	13/01/2020	16:36:32	0.00201605	0.00000039	5.41	0.19	0.47	28-273A (No. 2-109)
R33-7.1	13/01/2020	16:43:21	0.00201593	0.00000031	5.35	0.15	0.45	113-692B (No. 1-166)
R33-7.2	13/01/2020	17:39:21	0.00201552	0.00000033	5.14	0.16	0.45	
R33-8.1	13/01/2020	18:20:25	0.00201645	0.00000036	5.61	0.18	0.46	
R33-8.2	13/01/2020	19:15:24	0.00201657	0.00000023	5.67	0.11	0.44	
R33-8.3	13/01/2020	19:56:52	0.00201652	0.00000026	5.64	0.13	0.44	
R33-9.1	13/01/2020	20:03:42	0.00201591	0.00000084	5.34	0.41	0.59	
R33-10.1	13/01/2020	20:52:44	0.00201690	0.00000037	5.83	0.18	0.46	
R33-11.1	13/01/2020	21:33:47	0.00201625	0.00000035	5.51	0.17	0.46	
R33-11.2	13/01/2020	22:29:56	0.00201625	0.00000042	5.51	0.21	0.47	
R33-12.1	13/01/2020	23:10:56	0.00201711	0.00000029	5.94	0.14	0.45	
R33-13	13/01/2020	23:17:46	0.00201617	0.00000033	5.47	0.16	0.45	
R33-14	14/01/2020	0:12:55	0.00201633	0.00000026	5.55	0.13	0.44	
R33-15	14/01/2020	1:00:57	0.00201694	0.00000027	5.85	0.13	0.44	

R33-16	14/01/2020	1:42:07	0.00201583	0.00000029	5.30	0.14	0.45	
R33-17	14/01/2020	2:37:59	0.00201634	0.00000027	5.56	0.14	0.44	
R33-18.1	14/01/2020	3:26:05	0.00201609	0.00000026	5.43	0.13	0.44	
R33-19	14/01/2020	3:53:56	0.00201579	0.00000034	5.28	0.17	0.46	
R33-20	14/01/2020	4:00:48	0.00201667	0.00000040	5.72	0.20	0.47	
		N	20					
		Mean	5.52		**Weighted mean**		5.55	
		2SD	0.43		**Weighted 2SD**		0.42	
		2SE	0.10		**Weighted 2SE**		0.09	
Pleišovice								
PL-3.2	13/01/2020	16:50:15	0.00202118	0.00000034	7.97	0.17	0.45	
PL-3.1	13/01/2020	18:27:18	0.00202084	0.00000038	7.80	0.19	0.46	
PL-3.3	13/01/2020	20:10:34	0.00202123	0.00000027	7.99	0.13	0.44	
PL-3.4	13/01/2020	21:40:41	0.00202155	0.00000028	8.15	0.14	0.45	
PL-5.1	13/01/2020	23:24:40	0.00202128	0.00000023	8.02	0.11	0.44	
PL-4.1	14/01/2020	0:19:46	0.00202184	0.00000028	8.30	0.14	0.45	
PL-7.1	14/01/2020	1:49:00	0.00202161	0.00000057	8.18	0.28	0.51	
PL-7.2	14/01/2020	2:44:51	0.00202143	0.00000039	8.09	0.19	0.46	
PL-6.1	14/01/2020	4:07:43	0.00202214	0.00000026	8.45	0.13	0.44	
PL-8	14/01/2020	4:14:34	0.00202105	0.00000060	7.91	0.30	0.52	
		N	10					
		Mean	8.09		**Weighted mean**		8.12	
		2SD	0.38		**Weighted 2SD**		0.40	
		2SE	0.12		**Weighted 2SE**		0.13	
Mud Tank								
Mud_Tank-1.3	13/01/2020	16:57:36	0.00201573	0.00000032	5.25	0.16	0.45	
Mud_Tank-1.4	13/01/2020	18:34:14	0.00201581	0.00000066	5.29	0.33	0.54	
Mud_Tank-1.6	13/01/2020	21:48:00	0.00201646	0.00000030	5.62	0.15	0.45	
Mud_Tank-1.8	13/01/2020	23:31:35	0.00201624	0.00000025	5.51	0.12	0.44	
Mud_Tank-1.7	14/01/2020	1:56:20	0.00201573	0.00000052	5.25	0.26	0.50	
Mud_Tank-2.2	14/01/2020	4:21:29	0.00201540	0.00000027	5.09	0.13	0.44	
Mud_Tank-2.3	14/01/2020	4:28:18	0.00201588	0.00000035	5.33	0.17	0.46	
		N	7					
		Mean	5.33		**Weighted mean**		5.35	
		2SD	0.35		**Weighted 2SD**		0.41	
		2SE	0.13		**Weighted 2SE**		0.15	
22/09/2020								
R33 (Primary)								
R33-TEST2	22/09/2020	9:25:20	0.002017114	0.000000638	5.94	0.32	0.64	28-268 (No. 1-113)
R33-TEST3	22/09/2020	9:40:15	0.002016188	0.000000281	5.48	0.14	0.57	
R33-1	22/09/2020	9:53:04	0.002014863	0.000000618	4.82	0.31	0.63	
R33-1.1	22/09/2020	11:12:03	0.002015486	0.000000624	5.13	0.31	0.63	
R33-2	22/09/2020	11:18:50	0.002014793	0.000000663	4.78	0.33	0.64	
R33-3.1	22/09/2020	13:26:51	0.002016237	0.000000205	5.50	0.10	0.56	
R33-3.2	22/09/2020	14:03:22	0.002017986	0.000000342	6.38	0.17	0.58	
R33_3.2	22/09/2020	16:23:44	0.002016331	0.000000053	5.55	0.03	0.55	
R33_4.1	22/09/2020	16:30:33	0.002016726	0.000000231	5.75	0.11	0.56	
R33_6.1	22/09/2020	18:35:21	0.002015997	0.0000004	5.38	0.20	0.59	
R33_7.1	22/09/2020	19:16:47	0.002015347	0.000000451	5.06	0.22	0.60	
R33_8.1	22/09/2020	20:11:55	0.002016068	0.000000342	5.42	0.17	0.58	
R33_8.2	22/09/2020	20:53:47	0.002015643	0.000000629	5.21	0.31	0.63	
		N	13					
		Mean	5.42		**Weighted mean**		5.55	
		2SD	0.88		**Weighted 2SD**		0.53	
		2SE	0.25		**Weighted 2SE**		0.15	
Pleišovice								
PL_1.2	22/09/2020	16:37:24	0.002023543	0.000000525	9.15	0.26	0.61	
PL_1.6	22/09/2020	17:18:54	0.002023344	0.000000818	9.05	0.40	0.68	
PL_1.3	22/09/2020	19:23:39	0.002020694	0.000000477	7.73	0.24	0.60	
PL_4.2	22/09/2020	19:30:28	0.002021134	0.000000237	7.95	0.12	0.57	
PL_1.4	22/09/2020	21:00:38	0.002021328	0.000000256	8.04	0.13	0.57	
		N	5					
		Mean	8.38		**Weighted mean**		8.10	
		2SD	1.33		**Weighted 2SD**		0.94	
		2SE	0.59		**Weighted 2SE**		0.42	
Mud Tank								
MudTank_1.1	22/09/2020	16:44:14	0.002016333	0.00000027	5.55	0.13	0.57	
Mudtank 1.2	22/09/2020	17:32:34	0.002017008	0.000000483	5.89	0.24	0.60	
		N	2					
		Mean	5.72		**Weighted mean**		5.63	
		2SD	0.48		**Weighted 2SD**		0.48	
		2SE	0.34		**Weighted 2SE**		0.34	
23/09/2020								
R33 (Primary)								
R33_1.1	23/09/2020	10:56:43	0.00201582	0.00000047	5.29	0.23	0.55	26-268 (No. 114-209)
R33_1.2	23/09/2020	11:04:59	0.00201659	0.00000055	5.68	0.27	0.57	
R33_2.1	23/09/2020	11:39:42	0.00201627	0.00000027	5.52	0.13	0.52	
R33_2.2	23/09/2020	11:46:29	0.00201562	0.00000060	5.20	0.30	0.58	
R33_2.3	23/09/2020	12:14:01	0.00201676	0.00000034	5.77	0.17	0.52	
R33_3.1	23/09/2020	12:34:42	0.00201691	0.00000026	5.84	0.13	0.51	
R33_3.2	23/09/2020	12:50:17	0.00201656	0.00000037	5.67	0.18	0.53	
R33_3.3	23/09/2020	15:54:12	0.00201492	0.00000090	4.85	0.45	0.67	
R33_3.3	23/09/2020	16:05:29	0.00201656	0.00000043	5.67	0.21	0.54	
R33_3.4	23/09/2020	16:12:17	0.00201566	0.00000065	5.21	0.32	0.59	
R33_3.5	23/09/2020	16:40:39	0.00201534	0.00000062	5.06	0.31	0.58	
R33_4.1	23/09/2020	16:47:52	0.00201613	0.00000063	5.45	0.31	0.59	
R33_4.2	23/09/2020	17:22:15	0.00201648	0.00000064	5.62	0.32	0.59	
R33_5.1	23/09/2020	18:38:40	0.00201699	0.00000113	5.88	0.56	0.75	
R33_6.1	23/09/2020	19:47:07	0.00201548	0.00000032	5.13	0.16	0.52	
R33_6.2	23/09/2020	19:53:55	0.00201717	0.00000049	5.97	0.24	0.55	
R33_7.1	23/09/2020	20:35:00	0.00201631	0.00000016	5.54	0.08	0.50	
		N	17					
		Mean	5.49		**Weighted mean**		5.55	
		2SD	0.64		**Weighted 2SD**		0.50	
		2SD	0.16		**Weighted 2SE**		0.12	
Pleišovice								
PL_2.1	23/09/2020	12:41:34	0.00202164	0.00000042	8.20	0.21	0.54	
PL_2.2	23/09/2020	16:19:33	0.00202220	0.00000065	8.48	0.32	0.59	
PL_2.3	23/09/2020	16:26:21	0.00202159	0.00000041	8.17	0.20	0.54	
PL_2.4	23/09/2020	18:03:55	0.00202123	0.00000038	7.99	0.19	0.53	
PL_3.1	23/09/2020	20:00:48	0.00202126	0.00000029	8.01	0.14	0.52	
		N	5					
		Mean	8.17		**Weighted mean**		8.10	
		2SD	0.39		**Weighted 2SD**		0.31	
		2SE	0.17		**Weighted 2SE**		0.14	
24/09/2020								
R33 (Primary)								
R33_7.2	24/09/2020	8:01:17	0.0020162	0.0000004	5.47	0.19	0.55	119-741A (No. 1-229)
R33_8.1	24/09/2020	8:44:23	0.0020156	0.0000005	5.20	0.24	0.57	28-271 (No. 5-209)
R33_8.2	24/09/2020	9:24:59	0.0020156	0.0000004	5.17	0.20	0.56	
R33_8.3	24/09/2020	10:06:50	0.0020168	0.0000004	5.78	0.20	0.55	
R33_9.2	24/09/2020	10:55:07	0.0020163	0.0000003	5.52	0.12	0.53	
R33_9.3	24/09/2020	11:29:48	0.0020177	0.0000015	6.25	0.72	0.89	
R33_9.4	24/09/2020	12:11:22	0.0020160	0.0000001	5.41	0.05	0.52	
R33_10.2	24/09/2020	13:21:13	0.0020154	0.0000003	5.11	0.17	0.54	
R33_10.3	24/09/2020	13:55:29	0.0020162	0.0000006	5.47	0.28	0.59	
R33_11.1	24/09/2020	14:46:13	0.0020170	0.0000002	5.87	0.09	0.53	
R33_11.2	24/09/2020	14:53:01	0.0020165	0.0000003	5.65	0.14	0.54	
R33_12.1	24/09/2020	15:28:06	0.0020167	0.0000005	5.74	0.24	0.57	
R33_12.2	24/09/2020	16:10:05	0.0020169	0.0000003	5.81	0.16	0.54	
R33_14.1	24/09/2020	17:19:54	0.0020161	0.0000005	5.45	0.26	0.58	
R33_15.1	24/09/2020	18:01:44	0.0020167	0.0000005	5.73	0.25	0.58	

R33_16.1	24/09/2020	18:36:18	0.0020169	0.0000002	5.86	0.11	0.53	
R33_17.1	24/09/2020	19:11:25	0.0020171	0.0000002	5.94	0.11	0.53	
R33_17.2	24/09/2020	20:00:10	0.0020176	0.0000003	6.21	0.16	0.54	
R33_18.1	24/09/2020	20:41:30	0.0020167	0.0000006	5.76	0.30	0.60	
R33_18.2	24/09/2020	21:15:42	0.0020156	0.0000002	5.18	0.12	0.53	
R33_19.1	24/09/2020	22:04:45	0.0020169	0.0000004	5.82	0.21	0.56	
R33_19.2	24/09/2020	22:11:33	0.0020161	0.0000002	5.46	0.09	0.53	
R33_20.1	24/09/2020	22:46:04	0.0020162	0.0000003	5.50	0.17	0.55	
R33_20.2	24/09/2020	23:20:16	0.0020155	0.0000006	5.14	0.28	0.59	
R33_21.1	24/09/2020	23:55:28	0.0020160	0.0000003	5.39	0.13	0.53	
R33_21.2	25/09/2020	0:02:16	0.0020161	0.0000003	5.43	0.16	0.54	
R33_21.3	25/09/2020	0:09:03	0.0020160	0.0000007	5.41	0.33	0.61	
R33_22.1	25/09/2020	0:15:51	0.0020164	0.0000002	5.58	0.11	0.53	
		N	28					
		Mean	5.58		**Weighted mean**		5.55	
		2SD	0.60		**Weighted 2SD**		0.52	
		2SE	0.11		**Weighted 2SE**		0.10	
Pleišovice								
PL_4.2	24/09/2020	9:31:51	0.0020236	0.0000003	9.17	0.14	0.54	
PL_4.1	24/09/2020	10:20:30	0.0020239	0.0000004	9.32	0.19	0.55	
PL_5.1	24/09/2020	11:36:40	0.0020176	0.0000002	6.17	0.11	0.53	
PL_6.3	24/09/2020	17:26:46	0.0020231	0.0000003	8.92	0.17	0.55	
PL_6.4	24/09/2020	19:18:17	0.0020214	0.0000008	8.06	0.38	0.64	
PL_7.1	24/09/2020	21:30:10	0.0020238	0.0000003	9.28	0.17	0.54	
PL_7.2	24/09/2020	23:27:33	0.0020228	0.0000003	8.78	0.14	0.54	
PL_7.3	25/09/2020	0:22:43	0.0020217	0.0000004	8.25	0.21	0.56	
PL_8.1	25/09/2020	0:29:31	0.0020227	0.0000003	8.71	0.16	0.54	
		N	9					
		Mean	8.52		**Weighted mean**		8.25	
		2SD	1.96		**Weighted 2SD**		1.93	
		2SE	0.65		**Weighted 2SE**		0.64	
Mud Tank								
Mudtank_3.1	24/09/2020	19:25:12	0.0020146	0.0000004	4.69	0.21	0.56	
Mudtank_5.1	25/09/2020	0:43:14	0.0020156	0.0000004	5.18	0.19	0.55	
Mudtank_4.1	25/09/2020	0:36:26	0.0020158	0.0000005	5.26	0.23	0.57	
		N	3					
		Mean	5.04		**Weighted mean**		5.04	
		2SD	0.62		**Weighted 2SD**		0.51	
		2SE	0.36		**Weighted 2SE**		0.29	
25/09/2020								
R33 (Primary)								
R33_1.1	25/09/2020	13:49:12	0.0020167	0.0000002	5.76	0.12	0.56	318-U1355A (No. 4-210)
R33_1.2	25/09/2020	13:56:26	0.0020161	0.0000011	5.41	0.55	0.78	178-1096B (No. 8-182)
R33_2.1	25/09/2020	14:03:38	0.0020166	0.0000004	5.70	0.19	0.58	318-U1358A (No. 11-197)
R33_3.1	25/09/2020	14:10:26	0.0020152	0.0000008	4.97	0.40	0.68	
R33_4.1	25/09/2020	15:05:14	0.0020155	0.0000006	5.14	0.29	0.62	
R33_5.1	25/09/2020	15:53:12	0.0020160	0.0000007	5.40	0.32	0.64	
R33_6.1	25/09/2020	16:34:13	0.0020171	0.0000006	5.93	0.29	0.62	
R33_8.1	25/09/2020	16:41:01	0.0020164	0.0000004	5.60	0.20	0.59	
R33_6.2	25/09/2020	17:22:07	0.0020162	0.0000004	5.48	0.22	0.59	
R33_7.2	25/09/2020	18:37:13	0.0020159	0.0000006	5.31	0.29	0.62	
R33_9.1	25/09/2020	20:48:22	0.0020150	0.0000007	4.89	0.35	0.65	
R33_9.2	25/09/2020	21:22:34	0.0020165	0.0000001	5.65	0.07	0.56	
R33_9.3	25/09/2020	21:29:22	0.0020154	0.0000009	5.10	0.43	0.70	
R33_11.1	25/09/2020	23:19:38	0.0020154	0.0000006	5.10	0.31	0.63	
R33_11.2	26/09/2020	0:07:33	0.0020165	0.0000004	5.65	0.18	0.58	
R33_13.1	26/09/2020	0:14:20	0.0020179	0.0000015	6.32	0.72	0.91	
R33_12.1	26/09/2020	0:41:42	0.0020173	0.0000006	6.02	0.29	0.62	
R33_14.1	26/09/2020	1:15:53	0.0020166	0.0000007	5.68	0.33	0.64	
R33_14.2	26/09/2020	1:57:15	0.0020155	0.0000009	5.16	0.42	0.70	
R33_15.1	26/09/2020	2:31:25	0.0020157	0.0000004	5.23	0.19	0.58	
R33_19.2	26/09/2020	3:12:52	0.0020154	0.0000009	5.10	0.45	0.72	
R33_17.1	26/09/2020	3:54:20	0.0020164	0.0000005	5.56	0.25	0.61	
R33_17.2	26/09/2020	4:35:30	0.0020159	0.0000015	5.35	0.74	0.93	
R33_18.1	26/09/2020	5:10:19	0.0020154	0.0000006	5.08	0.29	0.62	
R33_19.1	26/09/2020	5:51:25	0.0020169	0.0000013	5.82	0.65	0.85	
R33_20.1	26/09/2020	6:26:02	0.0020152	0.0000007	4.98	0.33	0.64	
R33_21.1	26/09/2020	6:32:50	0.0020168	0.0000006	5.77	0.31	0.63	
R33_20.2	26/09/2020	7:07:01	0.0020166	0.0000008	5.69	0.40	0.68	
R33_22.1	26/09/2020	8:30:44	0.0020155	0.0000007	5.14	0.36	0.66	
R33_23.1	26/09/2020	9:12:19	0.0020168	0.0000008	5.77	0.40	0.68	
R33_24.1	26/09/2020	9:46:30	0.0020161	0.0000011	5.43	0.57	0.79	
R33_25.2	26/09/2020	10:36:19	0.0020167	0.0000009	5.75	0.44	0.70	
R33_26.1	26/09/2020	11:10:34	0.0020154	0.0000005	5.10	0.26	0.61	
		N	33					
		Mean	5.46		**Weighted mean**		5.55	
		2SD	0.70		**Weighted 2SD**		0.55	
		2SE	0.12		**Weighted 2SE**		0.10	
Pleišovice								
PL_1.1	25/09/2020	14:17:16	0.0020208	0.0000005	7.78	0.24	0.60	
PL_1.2	25/09/2020	14:24:04	0.0020209	0.0000002	7.81	0.09	0.56	
PL_3.1	25/09/2020	17:28:59	0.0020207	0.0000004	7.75	0.18	0.58	
PL_3.2	25/09/2020	19:25:56	0.0020201	0.0000004	7.44	0.18	0.58	
PL_13.1	25/09/2020	20:07:12	0.0020224	0.0000007	8.57	0.33	0.64	
PL_4.1	25/09/2020	21:36:37	0.0020207	0.0000007	7.74	0.36	0.66	
PL_4.2	25/09/2020	23:26:30	0.0020213	0.0000003	8.04	0.17	0.58	
PL_4.3	26/09/2020	1:22:43	0.0020202	0.0000006	7.47	0.28	0.62	
PL_5.1	26/09/2020	3:20:08	0.0020226	0.0000008	8.67	0.41	0.69	
PL_6.1	26/09/2020	5:17:10	0.0020213	0.0000006	8.04	0.31	0.63	
PL_6.2	26/09/2020	7:14:02	0.0020200	0.0000004	7.37	0.22	0.59	
		N	11					
		Mean	7.88		**Weighted mean**		7.79	
		2SD	0.86		**Weighted 2SD**		0.83	
		2SE	0.26		**Weighted 2SE**		0.25	
Mud Tank								
MudTank_9	25/09/2020	15:19:04	0.0020144	0.0000005	4.58	0.25	0.61	
MudTank_4.1	25/09/2020	23:33:26	0.0020148	0.0000007	4.79	0.33	0.64	
MudTank_4.3	26/09/2020	7:55:29	0.0020141	0.0000008	4.45	0.41	0.69	
		N	3					
		Mean	4.61		**Weighted mean**		4.62	
		2SD	0.34		**Weighted 2SD**		0.28	
		2SE	0.20		**Weighted 2SE**		0.16	
26/09/2020								
R33 (Primary)								
R33_36.1	26/09/2020	17:12:40	0.0020163	0.0000006	5.52	0.27	0.60	178-1096B (No. 188-479)
R33_35.1	26/09/2020	17:05:52	0.0020152	0.0000007	4.98	0.34	0.64	
R33_34.2	26/09/2020	16:59:04	0.0020169	0.0000007	5.81	0.34	0.63	
R33_34.1	26/09/2020	16:24:41	0.0020163	0.0000006	5.53	0.28	0.61	
R33_33.1	26/09/2020	16:17:54	0.0020163	0.0000003	5.55	0.13	0.55	
R33_31.1	26/09/2020	14:47:35	0.0020156	0.0000006	5.20	0.29	0.61	
R33_30.1	26/09/2020	13:58:45	0.0020170	0.0000003	5.87	0.15	0.56	
R33_29.1	26/09/2020	13:24:09	0.0020167	0.0000006	5.74	0.29	0.61	
R33_28.1	26/09/2020	12:42:40	0.0020164	0.0000005	5.59	0.23	0.58	
R33_27.2	26/09/2020	12:35:53	0.0020151	0.0000005	4.93	0.26	0.60	
R33_27.1	26/09/2020	12:01:20	0.0020163	0.0000003	5.53	0.15	0.56	
		N	11					
		Mean	5.48		**Weighted mean**		5.55	
		2SD	0.63		**Weighted 2SD**		0.54	
		2SE	0.19		**Weighted 2SE**		0.16	
Pleišovice								
PL_9.2	26/09/2020	15:36:15	0.0020255	0.0000007	10.11	0.35	0.64	
PL_9.1	26/09/2020	14:05:40	0.0020218	0.0000003	8.27	0.15	0.56	

PL_8.1	26/09/2020	12:49:34	0.0020200	0.0000054	7.36	2.68	2.74
PL_11.1	26/09/2020	17:26:25	0.0020206	0.0000007	7.70	0.32	0.63
PL_10.1	26/09/2020	17:19:36	0.0020204	0.0000007	7.59	0.34	0.64
		N	5				
		Mean	8.21		**Weighted mean**		8.32
		2SD	2.23		**Weighted 2SD**		1.88
		2SE	1.00		**Weighted 2SE**		0.84
Mud Tank							
MudTank_8	26/09/2020	17:40:11	0.0020156	0.0000003	5.21	0.14	0.56
MudTank_7.1	26/09/2020	17:33:22	0.0020156	0.0000003	5.19	0.17	0.56
MudTank_6	26/09/2020	15:43:35	0.0020154	0.0000005	5.09	0.25	0.59
MudTank_5.2	26/09/2020	14:12:36	0.0020149	0.0000003	4.86	0.13	0.55
		N	4				
		Mean	5.08		**Weighted mean**		5.06
		2SD	0.32		**Weighted 2SD**		0.38
		2SE	0.16		**Weighted 2SE**		0.19

*: True $^{18}O/^{16}O$ ratio, corrected for background, EISIE and instrumental mass fractionation.

*: $\delta^{18}O$ (permil) = (($^{18}O/^{16}O_{true}$)/($^{18}O/^{16}O_{VSMOW}$)-1)*1000, where $^{18}O/^{16}O_{true}$ is the background, EISIE (Electron Induced Secondary Ion Emission), and IMF (Instrumental Mass Fractionation) corrected $^{18}O/^{16}O$ ratio, and (18O/16O)VSMOW is the reference value (0.0020052; Baertschi, 1976).

‡: Spot uncertainty combines the within-spot uncertainty and the reproducibility (weighted 2SD) of the primary reference zircon, added in quadrature.

References:

Baertschi, P. (1976) Absolute ^{18}O content of standard mean ocean water. Earth and Planetary Science Letters 31, 341-344.

Table 4.6 Lu-Hf isotopic data for selected detrital zircons from Antarctica analyzed in this study.

											Hf model age (Ma)†				
Sample ID	Best age	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_{(t)}$	$\varepsilon Hf_{(t)}$	$\delta^{18}O_{VSMOW}$	$^{176}Lu/^{177}Hf_{(crust)}$*	$T_{average}$	T_{upper}	T_{lower}	Incubation time‡	Juvenile
28-268_1	1420	70	0.00052	0.00013	0.282033	0.000017	0.282019	4.9	5.17	0.021	1702	1930	1420	281	Juvenile
28-268_4	1324	98	0.00132	0.00013	0.282285	0.000021	0.282252	10.9	6.20	0.020	1324	1355	1324	0	
28-268_5	1509	70	0.00108	0.00012	0.282066	0.000020	0.282035	7.5	7.25	0.017	1539	1719	1509	30	
28-268_6	1107	159	0.00047	0.00012	0.282076	0.000018	0.282067	-0.6	6.96	0.018	1814	2027	1339	707	
28-268_7	530	6	0.00053	0.00013	0.281983	0.000020	0.281978	-16.7	6.49	0.019	2715	2979	2121	2184	
28-268_8	1563	74	0.00053	0.00013	0.282021	0.000020	0.282006	7.6	7.36	0.016	1569	1743	1563	6	
28-268_11	1189	116	0.00077	0.00013	0.282135	0.000020	0.282118	3.1	8.19	0.014	1546	1722	1189	358	
28-268_12	689	19	0.00116	0.00013	0.282396	0.000023	0.282381	1.1	5.82	0.021	1522	1809	878	833	
28-268_14	536	10	0.00054	0.00013	0.281935	0.000017	0.281930	-18.3	7.69	0.015	2468	2690	1970	1932	
28-268_15	1128	95	0.00087	0.00013	0.282129	0.000016	0.282111	1.5	7.66	0.016	1631	1823	1202	503	
28-268_16	1213	88	0.00051	0.00012	0.282154	0.000016	0.282143	4.5	6.01	0.021	1578	1818	1213	364	
28-268_20	1238	65	0.00064	0.00013	0.282064	0.000022	0.282050	1.8	8.07	0.014	1671	1847	1278	434	
28-268_28	1199	204	0.00041	0.00012	0.282078	0.000019	0.282069	1.6	8.43	0.013	1632	1802	1252	433	
28-268_31	1275	115	0.00040	0.00012	0.282139	0.000019	0.282130	5.5	7.65	0.016	1484	1668	1275	209	
28-268_34	1199	118	0.00077	0.00013	0.282131	0.000018	0.282114	3.2	8.76	0.012	1526	1690	1199	327	
28-268_46	304	13	0.00097	0.00020	0.282627	0.000026	0.282622	1.0	4.11	0.021	1284	1603	567	980	
28-268_49	3332	26	0.00090	0.00012	0.280677	0.000016	0.280620	-0.3	5.65	0.021	3568	3650	3383	236	
28-268_52	1154	66	0.00045	0.00013	0.282068	0.000017	0.282059	0.2	8.03	0.014	1706	1887	1301	552	
28-268_53	1240	175	0.00079	0.00012	0.282214	0.000018	0.282196	7.0	8.35	0.013	1346	1517	1240	106	
28-268_55	1261	61	0.00076	0.00012	0.282121	0.000015	0.282103	4.2	6.21	0.020	1625	1854	1261	364	
28-268_62	1181	50	0.00065	0.00012	0.282074	0.000017	0.282060	0.9	6.87	0.018	1774	1984	1302	592	
28-268_64	1174	145	0.00049	0.00012	0.282151	0.000017	0.282140	3.5	7.78	0.015	1525	1712	1174	351	
28-268_65	1249	74	0.00058	0.00013	0.281976	0.000016	0.281963	-1.0	6.87	0.018	1960	2166	1500	711	
28-268_68	1561	68	0.00083	0.00013	0.282047	0.000019	0.282023	8.2	6.42	0.019	1561	1725	1561	0	
28-268_71	1161	68	0.00058	0.00012	0.282153	0.000016	0.282141	3.3	7.17	0.017	1566	1769	1161	404	
28-268_77	473	10	0.00066	0.00013	0.282239	0.000020	0.282234	-9.0	6.58	0.019	2059	2327	1457	1586	
28-268_87	1324	132	0.00055	0.00012	0.282083	0.000016	0.282070	4.4	7.14	0.017	1608	1802	1324	284	
28-268_97	1156	137	0.00058	0.00012	0.282227	0.000016	0.282215	5.8	6.30	0.020	1420	1654	1156	264	
28-268_103	1235	159	0.00029	0.00012	0.281867	0.000016	0.281861	-5.0	5.93	0.021	2394	2632	1861	1159	
28-268_104	1414	197	0.00083	0.00013	0.282080	0.000019	0.282058	6.1	6.70	0.019	1571	1772	1414	157	
28-268_105	1259	71	0.00059	0.00012	0.282068	0.000019	0.282054	2.4	7.33	0.017	1688	1880	1259	429	
28-268_113	1308	80	0.00051	0.00013	0.282079	0.000017	0.282067	4.0	2.50	0.021	1697	1934	1308	390	
28-268_114	1161	121	0.00063	0.00012	0.282163	0.000014	0.282150	3.6	8.65	0.012	1477	1645	1161	316	
28-268_115	1181	92	0.00139	0.00018	0.282219	0.000017	0.282188	5.4	7.61	0.016	1417	1608	1181	236	
28-268_116	1261	76	0.00064	0.00012	0.282067	0.000016	0.282052	2.4	6.72	0.018	1731	1941	1261	470	
28-268_117	1169	98	0.00042	0.00013	0.282149	0.000016	0.282140	3.4	7.37	0.016	1550	1747	1169	381	
28-268_120	414	9	0.00057	0.00012	0.282340	0.000021	0.282336	-6.7	5.73	0.021	2015	2321	1328	1601	
28-268_126	1362	170	0.00050	0.00013	0.282053	0.000019	0.282040	4.3	7.59	0.016	1631	1811	1362	269	
28-268_128	1360	222	0.00071	0.00013	0.282108	0.000018	0.282090	6.0	8.79	0.012	1495	1651	1360	135	
28-268_130	1199	96	0.00106	0.00013	0.282190	0.000018	0.282166	5.0	9.32	0.010	1407	1561	1199	209	
28-268_133	1259	85	0.00052	0.00012	0.282171	0.000016	0.282159	6.1	5.58	0.021	1480	1721	1259	221	Juvenile
28-268_135	636	12	0.00095	0.00013	0.282113	0.000019	0.282102	-10.0	7.04	0.017	2134	2373	1598	1498	
28-268_137	1201	116	0.00047	0.00013	0.282211	0.000021	0.282201	6.3	6.56	0.019	1402	1623	1201	201	
28-268_142	1403	155	0.00053	0.00013	0.282109	0.000017	0.282095	7.2	6.96	0.018	1481	1675	1403	77	
28-268_144	1440	78	0.00109	0.00013	0.282091	0.000016	0.282062	6.8	6.04	0.021	1549	1770	1440	109	
28-268_148	971	151	0.00060	0.00012	0.282209	0.000016	0.282198	1.0	7.72	0.015	1537	1737	1090	567	
28-268_150	1194	44	0.00061	0.00013	0.282048	0.000019	0.282035	0.2	6.50	0.019	1864	2085	1367	670	
28-268_152	1233	77	0.00050	0.00012	0.282159	0.000014	0.282148	5.1	8.23	0.014	1455	1629	1233	223	
28-268_164	1206	135	0.00066	0.00013	0.282212	0.000016	0.282197	6.3	6.37	0.020	1413	1640	1206	207	
28-268_170	1337	135	0.00066	0.00013	0.282077	0.000016	0.282061	4.4	8.35	0.013	1577	1742	1337	240	
28-268_180	528	22	0.00044	0.00013	0.281979	0.000020	0.281975	-16.9	6.75	0.018	2637	2891	2066	2108	
28-268_185	1201	79	0.00065	0.00012	0.282047	0.000017	0.282033	0.3	7.76	0.015	1752	1937	1339	551	
28-268_188	2735	74	0.00109	0.00013	0.280891	0.000019	0.280834	-6.8	5.34	0.021	3611	3735	3333	876	
28-268_190	1225	94	0.00053	0.00012	0.282118	0.000016	0.282106	3.5	5.80	0.021	1680	1923	1225	455	Juvenile
28-268_200	1216	83	0.00055	0.00013	0.282073	0.000020	0.282061	1.7	7.67	0.016	1684	1871	1267	469	
28-268_202	1199	145	0.00071	0.00013	0.282114	0.000024	0.282098	2.6	7.22	0.017	1636	1835	1199	437	
28-268_205	1208	73	0.00103	0.00013	0.282283	0.000018	0.282260	8.6	6.20	0.020	1236	1470	1208	27	
28-268_208	1154	109	0.00097	0.00013	0.282205	0.000015	0.282184	4.6	8.23	0.014	1424	1601	1154	270	
28-268_209	1223	99	0.00048	0.00012	0.282161	0.000017	0.282150	5.0	6.06	0.021	1542	1779	1223	319	
28-271_5	501	8	0.00148	0.00018	0.282547	0.000043	0.282533	2.3	5.66	0.021	1298	1601	618	797	
28-271_12	1208	142	0.00043	0.00013	0.282300	0.000024	0.282291	9.7	6.94	0.018	1208	1363	1208	0	
28-271_17	188	5	0.00128	0.00020	0.282677	0.000026	0.282673	0.2	5.85	0.021	1280	1609	541	1092	
28-271_21	102	5	0.00260	0.00019	0.282827	0.000054	0.282822	3.6	3.39	0.021	929	1267	169	828	
28-271_27	531	11	0.00148	0.00022	0.282336	0.000021	0.282322	-4.5	9.42	0.010	1377	1561	966	846	
28-271_35	260	5	0.00268	0.00019	0.282667	0.000026	0.282654	1.2	5.36	0.021	1241	1564	515	980	
28-271_37	153	3	0.00172	0.00014	0.282673	0.000022	0.282668	-0.7	5.39	0.021	1340	1671	595	1187	
28-271_38	214	6	0.00118	0.00013	0.282787	0.000018	0.282783	4.7	4.75	0.021	903	1232	214	689	Juvenile
28-271_41	167	5	0.00059	0.00013	0.282650	0.000017	0.282649	-1.1	8.79	0.012	965	1182	477	798	
28-271_43	343	4	0.00238	0.00018	0.282692	0.000024	0.282677	3.8	7.45	0.016	904	1152	347	561	
28-271_46	118	5	0.00128	0.00014	0.282634	0.000024	0.282632	-2.8	7.38	0.016	1208	1472	617	1090	
28-271_50	523	8	0.00102	0.00013	0.282448	0.000018	0.282438	-0.6	8.19	0.014	1259	1473	781	736	
28-271_53	100	6	0.00076	0.00013	0.282529	0.000019	0.282528	-6.9	9.31	0.010	1179	1387	715	1079	
28-271_55	102	3	0.00244	0.00016	0.282762	0.000039	0.282758	1.3	6.74	0.018	994	1286	337	892	
28-271_57	118	2	0.00089	0.00014	0.282714	0.000020	0.282712	0.1	5.54	0.021	1250	1584	497	1131	
28-271_67	284	14	0.00190	0.00018	0.282831	0.000031	0.282821	7.6	3.49	0.021	690	1015	284	406	
28-271_74	223	6	0.00094	0.00014	0.282780	0.000017	0.282776	4.7	5.52	0.021	910	1239	223	687	Juvenile
28-271_77	575	12	0.00082	0.00013	0.282524	0.000019	0.282515	3.3	6.57	0.019	1184	1450	588	609	
28-271_86	1008	120	0.00134	0.00013	0.282378	0.000018	0.282353	7.3	10.12	0.008	1122	1274	1008	114	
28-271_95	152	11	0.00131	0.00015	0.282672	0.000021	0.282669	-0.7	3.17	0.021	1340	1672	595	1188	
28-271_96	194	6	0.00157	0.00015	0.282619	0.000018	0.282614	-1.7	4.33	0.021	1454	1781	719	1260	
28-271_100	231	7	0.00090	0.00013	0.282697	0.000021	0.282693	1.9	5.63	0.021	1158	1484	425	927	
28-271_109	939	28	0.00117	0.00013	0.282262	0.000018	0.282242	1.8	7.09	0.017	1509	1729	1015	570	
28-271_118	185	6	0.00053	0.00013	0.282717	0.000018	0.282716	1.7	6.27	0.020	1089	1399	395	904	
28-271_119	174	5	0.00147	0.00014	0.282726	0.000025	0.282722	1.6	6.38	0.020	1069	1374	385	895	
28-271_120	1799	48	0.00132	0.00013	0.281636	0.000025	0.281591	-1.6	8.41	0.013	2300	2437	1992	501	
28-271_134	206	6	0.00209	0.00020	0.282728	0.000028	0.282720	2.3	5.51	0.021	1108	1436	370	902	
28-271_136	224	6	0.00156	0.00014	0.282648	0.000036	0.282642	-0.1	5.74	0.021	1327	1653	596	1103	
28-271_146	457	13	0.00137	0.00023	0.282561	0.000018	0.282550	1.9	5.63	0.021	1306	1613	618	850	
28-271_155	204	5	0.00176	0.00013	0.282618	0.000031	0.282612	-1.6	4.87	0.021	1448	1774	714	1244	
28-271_161	925	19	0.00038	0.00013	0.281714	0.000020	0.281708	-17.4	6.88	0.018	2901	3123	2403	1976	
28-271_162	362	9	0.00070	0.00013	0.282716	0.000019	0.282712	5.5	7.16	0.017	824	1082	362	462	
28-271_174	269	12	0.00059	0.00013	0.282862	0.000017	0.282859	8.6	4.12	0.021	591	918	269	323	
28-271_175	188	4	0.00149	0.00013	0.282658	0.000020	0.282653	-0.5	4.94	0.021	1340	1669	602	1152	
28-271_178	194	5	0.00198	0.00016	0.282632	0.000017	0.282625	-1.3	4.34	0.021	1419	1746	683	1225	
28-271_184	186	8	0.00143	0.00013	0.282596	0.000021	0.282591	-2.7	6.08	0.020	1492	1809	779	1306	
28-271_190	287	7	0.00099	0.00013	0.282574	0.000021	0.282569	-1.3	5.68	0.021	1469	1789	751	1183	
28-271_199	67	3	0.00106	0.00013	0.282676	0.000018	0.282675	-2.4	7.44	0.016	1135	1400	541	1068	
28-271_200	195	6	0.00053	0.00012	0.282691	0.000018	0.282689	0.9	5.76	0.021	1219	1548	480	1024	
28-271_208	270	7	0.00130	0.00013	0.282860	0.000022	0.282854	8.4	3.78	0.021	607	933	270	336	
28-271_209	257	13	0.00132	0.00013	0.282902	0.000025	0.282896	9.6	4.76	0.021	492	820	257	235	Juvenile
28-273A-2	1110	60	0.00098	0.00007	0.281827	0.000039	0.281807	-9.7	4.90	0.021	2714	2962	2159	1604	
28-273A-3	1223	70	0.00010	0.00007	0.282188	0.000044	0.282186	6.3	10.07	0.008	1350	1493	1223	127	
28-273A-4	495	16	0.00136	0.00007	0.282267	0.000050	0.282255	-7.7	8.04	0.014	1699	1916	1212	1204	
28-273A-8	465	15	0.00172	0.00008	0.282231	0.000051	0.282217	-9.7	9.66	0.009	1571	1753	1165	1106	
28-273A-14	544	18	0.00045	0.00007	0.282056	0.000044	0.282052	-13.8	8.09	0.014	2101	2312	1627	1556	
28-273A-19	515	17	0.00104	0.00008	0.282289	0.000043	0.282279	-6.4	8.52	0.013	1566	1770	1109	1051	
28-273A-24	478	15	0.00196	0.00008	0.282382	0.000058	0.282365	-4.2	10.52	0.008	1267	1442	874	789	
28-273A-26	726	24	0.00109	0.00008	0.282110	0.000042	0.282096	-8.2	6.52	0.019	2180	2433	1615	1455	
28-273A-31	438	14	0.00146	0.00008	0.282274	0.000046	0.282263	-8.7	10.58	0.008	1461	1637	1066	1023	
28-273A-35	473	15	0.00159	0.00011	0.282355	0.000074	0.282341	-5.2	7.82	0.015	1553	1779	1047	1080	
28-273A-37	411	13	0.00172	0.00014	0.282405	0.000063	0.282392	-4.7	7.36	0.016	1550	1795	1002	1139	
28-273A-48	513	16	0.00105	0.00008	0.282342	0.000042	0.282332	-4.6	6.28	0.020	1810	2091	1182	1297	
28-273A-51	616	20	0.00039	0.00008	0.282030	0.000046	0.282026	-13.1	6.96	0.018	2363	2605	1820	1747	
28-273A-52	529	17	0.00141	0.00008	0.282453	0.000048	0.282440	-0.4	6.79	0.018	1410	1669	830	881	
28-273A-53	907	50	0.00094	0.00010	0.282325	0.000048	0.282309	3.5	5.42	0.021	1464	1733	907	557	Juvenile
28-273A-54	509	16	0.00080	0.00008	0.282441	0.000045	0.282434	-1.1	7.50	0.016	1353	1588	827	844	
28-273A-55	111	4	0.00141	0.00008	0.282787	0.000046	0.282785	2.4	6.46	0.019	950	1257	263	840	
28-273A-58	465	15	0.00206	0.00013	0.282267	0.000062	0.282250	-8.6	8.96	0.012	1596	1792	1157	1131	
28-273A-61	486	15	0.00110	0.00008	0.282388	0.000046	0.282378	-3.6	7.10	0.017	1562	1811	1004	1076	
28-273A-76	239	8	0.00198	0.00009	0.282864	0.000056	0.282856	7.8	4.94	0.021	642	970	239	403	Juvenile
28-273A-79	2115	33	0.00070	0.00007	0.281312	0.000046	0.281284	-5.3	7.59	0.016	2831	2965	2533	717	
28-273A-92	457	15	0.00198	0.00012	0.282365	0.000057	0.282349	-5.3	7.20	0.017	1645	1892	1092	1188	
28-273A-96	1060	32	0.00127	0.00007	0.282329	0.000053	0.282304	6.7	8.70	0.012	1212	1386	1060	153	
28-273A-102	461	14	0.00118	0.00007	0.282368	0.000042	0.282358	-4.8	7.53	0.016	1566	1801	1038	1104	
28-273A-103	539	17	0.00088	0.00008	0.282324	0.000044	0.282316	-4.6	9.63	0.009	1366	1546	965	827	
28-273A-106	632	19	0.00192	0.00008	0.282545	0.000049	0.282523	4.8	7.62	0.016	1037	1262	632	405	
28-273A-109	1105	31	0.00305	0.00009	0.282197	0.000053	0.282134	1.7	6.12	0.020	1722	1965	1177	617	
35-324-1	1645	51	0.00128	0.00006	0.281828	0.000043	0.281788	1.8	5.12	0.021	2118	2327	1650	472	

35-324-3	204	6	0.00062	0.00001	0.282512	0.000033	0.282510	-5.2	7.57	0.016	1401	1652	840	1197	
35-324-4	626	14	0.00011	0.00001	0.282341	0.000032	0.282340	-1.8	7.24	0.017	1518	1753	990	892	
35-324-5	289	7	0.00077	0.00002	0.282561	0.000032	0.282557	-1.7	5.71	0.021	1505	1824	788	1216	
35-324-10	269	6	0.00156	0.00006	0.282635	0.000040	0.282627	0.4	4.96	0.021	1314	1636	591	1045	
35-324-12	985	31	0.00084	0.00001	0.282191	0.000033	0.282175	0.5	8.52	0.013	1523	1703	1121	538	
35-324-14	1076	64	0.00092	0.00001	0.282295	0.000036	0.282276	6.1	9.84	0.009	1239	1391	1076	163	
35-324-15	546	14	0.00083	0.00003	0.282513	0.000033	0.282504	2.3	7.24	0.017	1178	1419	636	632	
35-324-17	206	7	0.00103	0.00003	0.282446	0.000035	0.282442	-7.5	8.44	0.013	1414	1637	914	1208	
35-324-19	564	14	0.00005	0.00001	0.282449	0.000033	0.282448	0.7	8.20	0.014	1212	1423	739	648	
35-324-27	240	8	0.00042	0.00001	0.282731	0.000033	0.282729	3.4	4.15	0.021	1036	1362	304	797	
35-324-30	100	5	0.00115	0.00008	0.282640	0.000038	0.282638	-3.0	4.26	0.021	1505	1840	753	1405	
35-324-36	299	8	0.00106	0.00002	0.282593	0.000036	0.282587	-0.3	5.62	0.021	1397	1716	681	1098	
35-324-38	545	12	0.00013	0.00001	0.282452	0.000034	0.282451	0.3	9.44	0.010	1128	1311	717	583	
35-324-42	560	12	0.00011	0.00002	0.282359	0.000033	0.282358	-2.6	8.11	0.014	1421	1634	944	861	
35-324-44	559	12	0.00026	0.00002	0.282367	0.000033	0.282364	-2.4	8.81	0.012	1338	1534	899	779	
35-324-47	191	5	0.00100	0.00001	0.282593	0.000037	0.282589	-2.7	7.27	0.017	1267	1530	677	1076	
35-324-52	106	4	0.00111	0.00006	0.282715	0.000037	0.282713	-0.2	5.89	0.021	1265	1600	510	1158	
35-324-55	128	3	0.00119	0.00004	0.282661	0.000037	0.282658	-1.6	5.14	0.021	1405	1738	656	1276	
35-324-56	174	4	0.00072	0.00001	0.282470	0.000037	0.282468	-7.4	8.82	0.012	1326	1541	844	1152	
35-324-57	1414	51	0.00094	0.00003	0.282084	0.000035	0.282059	6.1	6.36	0.020	1578	1790	1414	164	
35-324-59	187	6	0.00033	0.00002	0.282762	0.000032	0.282761	3.3	4.58	0.021	1008	1339	265	822	
35-324-62	197	5	0.00192	0.00006	0.282669	0.000041	0.282662	0.0	5.30	0.021	1302	1630	565	1105	
35-324-63	182	6	0.00093	0.00006	0.282606	0.000036	0.282603	-2.4	5.42	0.021	1504	1832	767	1322	
35-324-64	224	6	0.00067	0.00003	0.282749	0.000034	0.282746	3.6	4.12	0.021	1005	1332	269	781	
35-324-65	241	6	0.00075	0.00005	0.282617	0.000042	0.282614	-0.7	5.87	0.021	1393	1717	666	1153	
35-324-68	179	5	0.00105	0.00002	0.282637	0.000038	0.282633	-1.4	4.11	0.021	1413	1742	674	1234	
35-324-71	97	3	0.00204	0.00006	0.282851	0.000038	0.282847	4.3	3.89	0.021	858	1197	97	761	
35-324-73	574	14	0.00031	0.00001	0.282314	0.000034	0.282311	-4.0	6.81	0.018	1703	1957	1134	1129	
35-324-74	178	5	0.00091	0.00003	0.282449	0.000041	0.282446	-8.0	8.13	0.014	1473	1706	949	1295	
35-324-75	593	20	0.00006	0.00001	0.281729	0.000032	0.281728	-24.2	6.02	0.021	3538	3815	2915	2945	
35-324-76	187	6	0.00064	0.00002	0.282468	0.000034	0.282466	-7.1	8.53	0.013	1362	1584	865	1175	
35-324-79	720	16	0.00082	0.00001	0.282469	0.000033	0.282458	4.5	7.63	0.016	1123	1342	720	403	
35-324-87	554	13	0.00053	0.00005	0.282505	0.000034	0.282499	2.2	7.14	0.017	1193	1437	644	639	
35-324-89	586	14	0.00080	0.00002	0.282122	0.000034	0.282113	-10.7	7.51	0.016	2049	2275	1541	1462	
35-324-90	110	5	0.00133	0.00007	0.282639	0.000036	0.282636	-2.8	4.21	0.021	1497	1831	747	1388	
35-324-92	323	10	0.00044	0.00002	0.282619	0.000039	0.282616	1.2	6.61	0.019	1169	1451	535	846	
35-324-93	103	4	0.00076	0.00001	0.282788	0.000039	0.282786	2.3	3.83	0.021	1040	1377	281	937	
35-324-96	1002	39	0.00194	0.00003	0.282306	0.000036	0.282269	4.2	7.92	0.015	1344	1538	1002	342	
35-324-97	521	11	0.00144	0.00002	0.282489	0.000035	0.282475	0.7	6.98	0.018	1301	1554	735	780	
35-324-98	113	4	0.00055	0.00001	0.282760	0.000027	0.282759	1.6	3.94	0.021	1111	1447	356	999	
35-324-101	250	8	0.00168	0.00004	0.282608	0.000030	0.282601	-1.0	7.16	0.017	1204	1468	613	954	
35-324-106	549	12	0.00103	0.00003	0.282336	0.000026	0.282326	-4.0	8.39	0.013	1465	1671	1004	916	
35-324-111	1092	55	0.00136	0.00003	0.282339	0.000028	0.282311	7.7	5.45	0.021	1226	1482	1092	134	Juvenile
35-324-115	647	19	0.00066	0.00001	0.282441	0.000030	0.282433	2.0	4.93	0.021	1417	1707	764	770	
35-324-116	1016	33	0.00101	0.00001	0.282345	0.000025	0.282326	6.5	6.30	0.020	1259	1503	1016	243	
35-324-122	1113	42	0.00073	0.00001	0.282025	0.000029	0.282010	-2.5	6.40	0.019	2027	2257	1511	915	
35-324-131	202	6	0.00079	0.00003	0.282554	0.000032	0.282551	-3.8	6.16	0.020	1571	1882	872	1369	
35-324-133	1762	25	0.00124	0.00001	0.281662	0.000024	0.281621	-1.4	8.58	0.013	2248	2385	1942	486	
35-324-139	207	5	0.00167	0.00004	0.282558	0.000041	0.282552	-3.6	6.25	0.020	1544	1850	856	1337	
35-324-142	526	13	0.00067	0.00002	0.282364	0.000024	0.282358	-3.4	8.96	0.012	1353	1547	919	827	
35-324-157	2417	23	0.00063	0.00002	0.281264	0.000030	0.281235	0.1	2.97	0.021	2829	2978	2495	412	
35-324-160	1013	75	0.00064	0.00003	0.282312	0.000030	0.282300	5.6	8.48	0.013	1250	1430	1013	237	
35-324-164	1762	29	0.00098	0.00009	0.281726	0.000027	0.281694	1.1	6.61	0.019	2204	2382	1805	442	
35-324-183	507	12	0.00111	0.00007	0.282472	0.000027	0.282462	-0.1	5.28	0.021	1510	1812	834	1003	
35-324-187	1948	21	0.00126	0.00002	0.281643	0.000029	0.281597	2.0	6.33	0.020	2296	2469	1948	348	
35-324-193	191	5	0.00055	0.00004	0.282453	0.000027	0.282451	-7.6	10.30	0.008	1208	1396	786	1017	
113-692B-1	1322	50	0.00099	0.00008	0.282266	0.000051	0.282242	10.5	4.72	0.021	1322	1391	1322	0	Juvenile
113-692B-10	629	12	0.00077	0.00008	0.282424	0.000040	0.282415	1.0	10.15	0.008	1129	1298	750	500	
113-692B-21	1049	79	0.00082	0.00007	0.282015	0.000046	0.281999	-4.3	6.78	0.018	2063	2284	1568	1014	
113-692B-24	674	14	0.00071	0.00008	0.282638	0.000051	0.282630	9.6	7.02	0.018	761	1004	674	86	
113-692B-29	517	13	0.00042	0.00009	0.282397	0.000046	0.282393	-2.3	6.81	0.018	1540	1798	961	1023	
113-692B-31	629	11	0.00073	0.00008	0.282375	0.000041	0.282367	-0.8	8.25	0.014	1344	1550	883	715	
113-692B-45	1141	66	0.00075	0.00007	0.282359	0.000042	0.282343	10.0	5.93	0.021	1141	1319	1141	0	
113-692B-55	900	20	0.00110	0.00008	0.282388	0.000045	0.282370	5.5	6.05	0.021	1278	1542	900	378	
113-692B-69	1254	55	0.00117	0.00007	0.282247	0.000045	0.282220	8.2	8.20	0.014	1288	1461	1254	34	
113-692B-72	530	15	0.00061	0.00008	0.282373	0.000044	0.282367	-3.0	7.40	0.016	1507	1743	979	978	
113-692B-75	3524	37	0.00103	0.00009	0.280776	0.000045	0.280707	7.4	6.63	0.019	3524	3524	3524	0	
113-692B-82	3358	35	0.00061	0.00008	0.280747	0.000042	0.280708	3.4	6.23	0.020	3358	3375	3358	0	
113-692B-85	1146	84	0.00109	0.00008	0.282357	0.000057	0.282334	9.8	4.57	0.021	1146	1342	1146	0	
113-692B-88	1049	68	0.00100	0.00008	0.282359	0.000047	0.282340	7.8	6.94	0.018	1171	1390	1049	122	
113-692B-99	1065	72	0.00057	0.00007	0.282254	0.000044	0.282243	4.7	8.04	0.014	1357	1544	1065	292	
113-692B-116	500	12	0.00057	0.00007	0.282388	0.000044	0.282383	-3.1	5.89	0.021	1759	2060	1085	1259	
113-692B-125	1131	62	0.00092	0.00007	0.281924	0.000041	0.281905	-5.8	6.85	0.018	2219	2431	1742	1088	
113-692B-128	646	12	0.00016	0.00007	0.282420	0.000040	0.282419	1.5	9.30	0.010	1155	1337	749	509	
113-692B-131	544	9	0.00008	0.00007	0.282422	0.000041	0.282422	-0.7	6.89	0.018	1430	1684	860	886	
113-692B-135	502	12	0.00048	0.00007	0.282458	0.000040	0.282454	-0.5	8.13	0.014	1245	1461	760	742	
113-692B-138	633	11	0.00097	0.00008	0.282483	0.000048	0.282472	3.1	7.22	0.017	1186	1423	655	553	
113-692B-163	530	10	0.00142	0.00009	0.282375	0.000053	0.282361	-3.2	10.36	0.008	1256	1430	869	726	
113-692B-166	939	22	0.00089	0.00008	0.282234	0.000054	0.282219	1.0	7.13	0.017	1562	1781	1072	623	
119-740A-1	723	27	0.00234	0.00009	0.282124	0.000058	0.282093	-8.3	10.29	0.008	1668	1832	1303	945	
119-740A-5	752	23	0.00036	0.00008	0.281952	0.000049	0.281947	-12.8	13.16	0.008	1913	2075	1552	1161	
119-740A-8	825	31	0.00127	0.00009	0.281925	0.000053	0.281906	-12.7	11.32	0.008	1963	2122	1610	1139	
119-740A-11	1008	78	0.00134	0.00008	0.282273	0.000053	0.282248	3.6	5.54	0.021	1523	1784	1008	515	Juvenile
119-740A-14	2868	17	0.00222	0.00016	0.280962	0.000075	0.280840	-3.4	5.93	0.021	3446	3561	3189	578	
119-740A-21	560	18	0.00148	0.00010	0.282310	0.000064	0.282295	-4.9	8.98	0.011	1459	1651	1030	900	
119-741A_1	553	15	0.00056	0.00013	0.282125	0.000021	0.282120	-11.2	7.24	0.017	2118	2356	1587	1565	
119-741A_7	523	15	0.00026	0.00012	0.282108	0.000016	0.282106	-12.4	7.16	0.017	2197	2438	1655	1674	
119-741A_9	558	15	0.00064	0.00013	0.282149	0.000018	0.282143	-10.3	7.64	0.016	1977	2202	1474	1419	
119-741A_12	979	153	0.00075	0.00013	0.282259	0.000018	0.282246	2.9	6.68	0.019	1495	1727	979	516	
119-741A_18	498	11	0.00078	0.00014	0.281939	0.000017	0.281932	-19.1	6.32	0.020	2939	3212	2325	2441	
119-741A_19	522	8	0.00081	0.00013	0.282169	0.000019	0.282161	-10.4	7.29	0.017	2033	2271	1499	1511	
119-741A_20	537	13	0.00032	0.00013	0.282150	0.000020	0.282147	-10.6	7.31	0.017	2050	2286	1520	1512	
119-741A_23	555	9	0.00032	0.00013	0.282180	0.000018	0.282177	-9.1	6.95	0.018	2038	2286	1482	1482	
119-741A_24	555	11	0.00075	0.00014	0.282186	0.000026	0.282179	-9.1	6.97	0.018	2030	2277	1475	1474	
119-741A_26	547	10	0.00029	0.00013	0.282086	0.000016	0.282083	-12.6	6.77	0.018	2331	2585	1761	1784	
119-741A_29	541	11	0.00031	0.00013	0.282120	0.000019	0.282117	-11.6	7.28	0.017	2125	2361	1595	1584	
119-741A_30	1070	118	0.00059	0.00013	0.281995	0.000021	0.281983	-4.4	7.67	0.016	1964	2158	1530	894	
119-741A_33	1049	98	0.00143	0.00015	0.282216	0.000021	0.282188	2.4	6.26	0.020	1617	1859	1074	568	
119-741A_35	962	175	0.00118	0.00013	0.282336	0.000045	0.282315	4.9	7.41	0.016	1289	1499	962	327	
119-741A_38	565	15	0.00047	0.00012	0.282154	0.000022	0.282149	-9.9	7.26	0.017	2032	2268	1502	1467	
119-741A_39	566	10	0.00050	0.00013	0.282127	0.000019	0.282122	-10.8	6.98	0.018	2160	2406	1610	1595	
119-741A_40	285	11	0.00040	0.00013	0.282130	0.000026	0.282128	-16.9	8.14	0.014	2092	2317	1589	1807	
119-741A_48	562	22	0.00017	0.00012	0.282068	0.000018	0.282067	-12.9	7.74	0.015	2128	2348	1634	1566	
119-741A_55	515	19	0.00041	0.00012	0.282125	0.000021	0.282121	-12.0	7.48	0.016	2091	2322	1572	1575	
119-741A_59	529	19	0.00044	0.00012	0.282108	0.000017	0.282104	-12.3	7.53	0.016	2111	2340	1597	1581	
119-741A_60	550	10	0.00066	0.00013	0.282191	0.000021	0.282185	-9.0	6.62	0.019	2099	2360	1514	1550	
119-741A_67	528	14	0.00051	0.00015	0.282135	0.000024	0.282130	-11.4	7.27	0.017	2105	2343	1573	1577	
119-741A_71	263	7	0.00069	0.00013	0.282149	0.000021	0.282146	-16.8	7.19	0.017	2318	2574	1743	2055	
119-741A_73	546	22	0.00068	0.00013	0.282127	0.000021	0.282120	-11.3	6.94	0.018	2194	2442	1637	1648	
119-741A_77	549	8	0.00053	0.00013	0.282074	0.000034	0.282069	-13.1	8.36	0.013	2011	2215	1552	1461	
119-741A_81	491	10	0.00058	0.00015	0.282130	0.000022	0.282125	-12.4	7.20	0.017	2168	2410	1625	1677	
119-741A_87	567	9	0.00029	0.00012	0.282139	0.000018	0.282136	-10.3	7.11	0.017	2094	2336	1554	1527	
119-741A_94	538	13	0.00019	0.00012	0.282125	0.000017	0.282123	-11.4	7.25	0.017	2118	2355	1585	1579	
119-741A_110	567	13	0.00054	0.00013	0.282139	0.000031	0.282134	-10.4	7.14	0.017	2093	2333	1556	1526	
119-741A_121	882	11	0.00306	0.00015	0.282229	0.000022	0.282179	-1.7	7.85	0.015	1633	1834	1183	751	
119-741A_132	550	12	0.00047	0.00013	0.282162	0.000020	0.282158	-9.9	8.75	0.012	1765	1961	1326	1215	
119-741A_133	273	4	0.00061	0.00013	0.282131	0.000026	0.282128	-17.2	6.19	0.020	2704	3002	2035	2431	
119-741A_140	499	8	0.00090	0.00013	0.282171	0.000019	0.282163	-10.9	7.14	0.017	2081	2325	1533	1582	
119-741A_144	527	8	0.00047	0.00012	0.282181	0.000018	0.282177	-9.8	7.08	0.017	2035	2280	1486	1508	
119-741A_170	524	15	0.00034	0.00013	0.282128	0.000020	0.282125	-11.7	7.15	0.017	2151	2393	1608	1627	
119-741A_173	1016	139	0.00116	0.00013	0.281970	0.000035	0.281948	-6.9	6.11	0.020	2364	2612	1810	1349	
119-741A_175	528	9	0.00036	0.00012	0.282168	0.000017	0.282165	-10.2	7.37	0.016	2001	2236	1475	1473	
119-741A_178	544	8	0.00102	0.00015	0.282156	0.000034	0.282146	-10.5	7.38	0.016	2031	2264	1508	1487	
119-741A_182	544	8	0.00058	0.00013	0.282184	0.000022	0.282179	-9.3	6.42	0.019	2173	2442	1568	1629	
119-741A_197	557	13	0.00040	0.00013	0.282137	0.000021	0.282133	-10.6	7.97	0.015	1938	2153	1456	1380	
119-741A_202	1046	158	0.00101	0.00013	0.282101	0.000020	0.282081	-1.4	3.96	0.021	1977	2233	1403	931	
119-741A_206	570	16	0.00024	0.00013	0.282089	0.000022	0.282087	-12.0	6.50	0.019	2373	2636	1783	1803	
119-741A_208	514	7	0.00046	0.00012	0.282105	0.000018	0.282101	-12.7	7.38	0.016	2163	2398	1637	1649	
119-741A_209	364	16	0.00034	0.00013	0.282141	0.000032	0.282139	-14.7	7.34	0.017	2205	2450	1655	1840	
119-741A_214	530	11	0.00017	0.00012	0.282062	0.000021	0.282061	-13.8	7.63	0.016	2188	2413	1683	1658	
119-741A_215	544	9	0.00058	0.00013	0.282167	0.000016	0.282162	-9.9	7.70	0.015	1932	2156	1431	1388	
119-741A_216	550	6	0.00047	0.00013	0.282139	0.000016	0.282134	-10.8	7.51	0.016	2026	2255	1514	1476	

119-741A_220	516	9	0.00037	0.00013	0.282079	0.000023	0.282076	-13.6	7.68	0.015	2154	2379	1649	1637	
119-741A_228	547	13	0.00034	0.00012	0.282148	0.000017	0.282145	-10.5	7.52	0.016	2004	2233	1491	1457	
119-741A_229	535	17	0.00036	0.00013	0.282171	0.000016	0.282168	-9.9	6.25	0.020	2259	2536	1637	1724	
178-1096B_8	944	13	0.00075	0.00014	0.282344	0.000023	0.282331	5.1	6.90	0.018	1290	1517	944	346	
178-1096B_20	2056	122	0.00111	0.00033	0.281530	0.000034	0.281487	0.6	6.72	0.018	2460	2615	2113	404	
178-1096B_22	108	5	0.00136	0.00013	0.282594	0.000022	0.282592	-4.4	4.43	0.021	1637	1970	888	1529	
178-1096B_33	242	3	0.00071	0.00013	0.282680	0.000016	0.282677	1.6	5.12	0.021	1195	1520	465	953	
178-1096B_39	295	8	0.00067	0.00013	0.282608	0.000026	0.282605	0.2	5.02	0.021	1349	1668	631	1054	
178-1096B_73	938	19	0.00059	0.00013	0.282252	0.000018	0.282242	1.8	7.12	0.017	1507	1726	1015	569	
178-1096B_78	137	6	0.00070	0.00013	0.282725	0.000018	0.282724	0.9	5.01	0.021	1190	1524	440	1053	
178-1096B_118	617	9	0.00028	0.00012	0.282436	0.000030	0.282433	1.3	6.19	0.020	1415	1694	790	798	
178-1096B_131	104	7	0.00132	0.00014	0.282546	0.000027	0.282544	-6.2	4.16	0.021	1790	2122	1042	1685	
178-1096B_144	222	4	0.00159	0.00017	0.282613	0.000021	0.282607	-1.4	6.65	0.019	1294	1581	650	1072	
178-1096B_176	1705	58	0.00131	0.00014	0.281808	0.000024	0.281766	2.4	7.43	0.016	2027	2190	1705	323	
178-1096B_177	110	4	0.00102	0.00013	0.282586	0.000021	0.282584	-4.7	5.96	0.021	1642	1972	901	1533	
178-1096B_182	1273	84	0.00105	0.00014	0.282267	0.000027	0.282242	9.4	4.18	0.021	1273	1453	1273	0	
178-1096B_188	261	11	0.00066	0.00013	0.282661	0.000018	0.282658	1.3	5.53	0.021	1228	1551	502	967	
178-1096B_192	119	5	0.00077	0.00014	0.282760	0.000021	0.282759	1.7	5.14	0.021	1105	1441	351	986	
178-1096B_217	210	7	0.00109	0.00013	0.282692	0.000030	0.282688	1.2	5.27	0.021	1203	1531	467	994	
178-1096B_229	131	7	0.00068	0.00013	0.282717	0.000018	0.282716	0.4	5.07	0.021	1223	1557	472	1093	
178-1096B_230	113	4	0.00088	0.00013	0.282677	0.000018	0.282676	-1.4	5.30	0.021	1371	1705	619	1257	
178-1096B_256	95	6	0.00113	0.00013	0.282537	0.000022	0.282535	-6.7	5.75	0.021	1828	2161	1079	1733	
178-1096B_261	23	1	0.00162	0.00014	0.282953	0.000021	0.282953	6.4	8.72	0.012	421	650	23	398	
178-1096B_262	84	3	0.00256	0.00019	0.282862	0.000026	0.282858	4.5	4.51	0.021	841	1181	84	757	
178-1096B_284	107	4	0.00086	0.00013	0.282612	0.000021	0.282611	-3.8	5.90	0.021	1580	1914	830	1473	
178-1096B_307	23	3	0.00196	0.00014	0.283061	0.000021	0.283061	10.3	5.54	0.021	285	634	23	263	Juvenile
178-1096B_312	137	5	0.00083	0.00013	0.282728	0.000019	0.282726	1.0	5.25	0.021	1182	1515	432	1045	
178-1096B_313	1939	80	0.00082	0.00013	0.281254	0.000020	0.281224	-11.4	5.31	0.021	3410	3592	3002	1471	
178-1096B_331	540	10	0.00108	0.00013	0.282419	0.000021	0.282408	-1.3	9.66	0.009	1193	1372	792	652	
178-1096B_335	191	9	0.00111	0.00015	0.282550	0.000021	0.282546	-4.2	6.92	0.018	1437	1714	817	1247	
178-1096B_348	480	10	0.00129	0.00013	0.282406	0.000023	0.282395	-3.1	6.16	0.020	1694	1983	1045	1213	
178-1096B_360	1399	73	0.00192	0.00016	0.282153	0.000020	0.282103	7.3	7.73	0.015	1459	1634	1399	60	
178-1096B_364	208	5	0.00249	0.00018	0.282438	0.000022	0.282429	-8.0	7.54	0.016	1595	1845	1033	1386	
178-1096B_368	89	3	0.00147	0.00017	0.282549	0.000027	0.282547	-6.4	5.58	0.021	1801	2134	1050	1712	
178-1096B_370	153	4	0.00178	0.00015	0.282506	0.000024	0.282501	-6.6	7.52	0.016	1470	1725	898	1318	
178-1096B_403	390	7	0.00184	0.00014	0.282559	0.000023	0.282546	0.2	5.77	0.021	1405	1716	705	1015	
178-1096B_421	522	13	0.00040	0.00012	0.282448	0.000018	0.282444	-0.4	7.29	0.017	1341	1582	801	819	
178-1096B_433	189	6	0.00107	0.00017	0.282418	0.000026	0.282415	-8.9	10.42	0.008	1274	1462	853	1085	
178-1096B_435	118	4	0.00119	0.00013	0.282798	0.000020	0.282796	3.0	3.42	0.021	991	1327	234	873	
178-1096B_471	25	2	0.00131	0.00013	0.282915	0.000022	0.282915	5.1	8.33	0.013	522	762	25	497	
178-1096B_478	81	5	0.00096	0.00013	0.282904	0.000020	0.282903	6.0	4.55	0.021	705	1046	81	624	
178-1096B_479	64	4	0.00162	0.00013	0.283057	0.000020	0.283055	11.0	3.77	0.021	247	592	64	183	
178-1099B-2	86	3	0.00296	0.00022	0.282957	0.000037	0.282952	7.8	4.55	0.021	543	885	86	457	
178-1099B-3	91	4	0.00214	0.00006	0.282992	0.000040	0.282988	9.2	4.69	0.021	422	764	91	330	
178-1099B-9	86	3	0.00145	0.00005	0.282933	0.000036	0.282931	7.1	4.51	0.021	611	952	86	525	
178-1099B-10	75	2	0.00162	0.00006	0.283011	0.000034	0.283009	9.6	3.48	0.021	379	723	75	304	
178-1099B-16	64	3	0.00089	0.00016	0.282990	0.000034	0.282989	8.6	4.56	0.021	457	801	64	393	
178-1099B-19	34	2	0.00105	0.00004	0.283085	0.000033	0.283084	11.3	5.04	0.021	196	544	34	162	Juvenile
178-1099B-24	69	3	0.00091	0.00002	0.282992	0.000036	0.282991	8.8	4.61	0.021	445	789	69	376	
178-1099B-26	604	19	0.00047	0.00001	0.281958	0.000038	0.281953	-16.0	6.23	0.020	2796	3066	2189	2192	
178-1099B-27	19	1	0.00147	0.00002	0.283070	0.000042	0.283069	10.5	5.01	0.021	262	612	19	243	Juvenile
178-1099B-32	58	2	0.00100	0.00002	0.283051	0.000035	0.283050	10.7	4.81	0.021	272	618	58	213	Juvenile
178-1099B-33	44	2	0.00071	0.00001	0.283040	0.000033	0.283039	10.0	5.05	0.021	324	670	44	279	Juvenile
178-1099B-34	70	2	0.00137	0.00003	0.283009	0.000033	0.283007	9.4	3.83	0.021	391	735	70	320	
178-1099B-35	84	3	0.00122	0.00020	0.282901	0.000036	0.282899	5.9	4.67	0.021	712	1053	84	628	
178-1099B-36	56	3	0.00113	0.00001	0.283019	0.000034	0.283018	9.5	4.55	0.021	376	722	56	321	
178-1099B-41	58	3	0.00126	0.00004	0.283024	0.000035	0.283023	9.7	4.36	0.021	359	704	58	301	
178-1099B-43	132	4	0.00151	0.00003	0.282825	0.000043	0.282821	4.2	5.35	0.021	892	1228	137	759	
178-1099B-48	49	2	0.00084	0.00001	0.283020	0.000033	0.283019	9.4	4.97	0.021	382	728	49	333	Juvenile
178-1099B-50	46	2	0.00051	0.00001	0.283015	0.000032	0.283014	9.1	4.73	0.021	399	746	46	353	Juvenile
178-1099B-53	52	2	0.00130	0.00001	0.283038	0.000038	0.283037	10.0	5.00	0.021	322	669	52	271	Juvenile
178-1099B-59	49	2	0.00119	0.00006	0.283018	0.000040	0.283017	9.3	4.58	0.021	388	734	49	338	
178-1099B-62	56	2	0.00255	0.00028	0.283059	0.000040	0.283056	10.8	4.74	0.021	254	601	56	198	Juvenile
178-1099B-68	62	2	0.00102	0.00005	0.283005	0.000033	0.283004	9.1	4.40	0.021	412	757	62	350	
178-1099B-69	56	3	0.00100	0.00001	0.283009	0.000033	0.283008	9.1	4.89	0.021	407	753	56	351	Juvenile
178-1099B-79	67	3	0.00213	0.00009	0.283009	0.000036	0.283006	9.3	4.75	0.021	398	743	67	332	Juvenile
178-1099B-84	1030	85	0.00139	0.00001	0.282378	0.000034	0.282351	7.7	5.98	0.021	1180	1438	1030	151	
178-1099B-87	54	2	0.00138	0.00007	0.283052	0.000039	0.283051	10.6	4.68	0.021	275	621	54	221	
178-1099B-101	68	3	0.00097	0.00002	0.283019	0.000034	0.283018	9.7	4.19	0.021	360	705	68	292	
178-1099B-105	60	3	0.00119	0.00003	0.282970	0.000035	0.282969	7.8	3.77	0.021	527	871	60	467	
178-1099B-108	54	2	0.00130	0.00007	0.283037	0.000036	0.283036	10.1	4.27	0.021	322	668	54	268	
178-1099B-111	73	3	0.00278	0.00006	0.283056	0.000036	0.283052	11.1	3.17	0.021	245	590	73	172	
178-1099B-117	52	2	0.00149	0.00003	0.283027	0.000040	0.283025	9.7	4.70	0.021	358	704	52	306	
178-1099B-122	71	3	0.00313	0.00011	0.283009	0.000040	0.283005	9.4	4.32	0.021	397	741	71	326	
178-1099B-123	58	3	0.00100	0.00008	0.283038	0.000031	0.283037	10.2	4.72	0.021	313	659	58	256	Juvenile
178-1099B-130	116	4	0.00173	0.00008	0.282803	0.000038	0.282799	3.1	5.02	0.021	982	1319	226	866	
178-1099B-139	44	2	0.00157	0.00012	0.283009	0.000040	0.283008	8.9	4.70	0.021	424	770	44	380	
178-1099B-145	69	3	0.00082	0.00004	0.283006	0.000033	0.283005	9.3	4.59	0.021	400	744	69	331	
178-1099B-146	20	1	0.00189	0.00003	0.283083	0.000038	0.283082	11.0	4.62	0.021	220	570	20	200	
178-1099B-147	20	1	0.00064	0.00003	0.283063	0.000033	0.283063	10.3	4.71	0.021	283	632	20	264	Juvenile
178-1099B-148	47	2	0.00120	0.00002	0.283050	0.000032	0.283049	10.4	4.92	0.021	290	637	47	244	Juvenile
178-1099B-153	138	5	0.00152	0.00003	0.282827	0.000033	0.282823	4.4	5.85	0.021	879	1214	138	741	Juvenile
178-1099B-155	58	2	0.00086	0.00003	0.283041	0.000034	0.283040	10.3	4.76	0.021	303	649	58	245	Juvenile
178-1099B-159	69	3	0.00112	0.00006	0.283001	0.000034	0.282999	9.1	4.69	0.021	416	760	69	347	
178-1099B-165	116	5	0.00124	0.00002	0.282796	0.000036	0.282793	2.9	5.19	0.021	1001	1337	244	885	
178-1099B-170	24	1	0.00191	0.00009	0.283062	0.000041	0.283061	10.3	5.06	0.021	283	632	24	259	Juvenile
178-1099B-183	289	9	0.00062	0.00001	0.282644	0.000034	0.282641	1.3	5.55	0.021	1246	1567	525	957	
178-1099B-190	569	17	0.00022	0.00001	0.282293	0.000032	0.282291	-4.8	5.47	0.021	1953	2247	1293	1384	
178-1099B-191	63	2	0.00038	0.00002	0.283000	0.000032	0.282999	9.0	4.30	0.021	424	769	63	361	
178-1099B-195	58	2	0.00173	0.00002	0.283007	0.000038	0.283005	9.1	4.72	0.021	414	759	58	356	Juvenile
178-1099B-200	60	2	0.00125	0.00009	0.282994	0.000032	0.282992	8.7	4.08	0.021	450	795	60	389	
178-1099B-205	134	4	0.00121	0.00001	0.282732	0.000033	0.282729	1.0	5.83	0.021	1178	1512	427	1044	
178-1099B-207	106	4	0.00121	0.00002	0.282843	0.000036	0.282841	4.3	4.01	0.021	867	1205	107	762	
178-1099B-214	134	7	0.00082	0.00002	0.282847	0.000037	0.282845	5.1	4.29	0.021	815	1152	134	681	
178-1099B-216	63	3	0.00088	0.00007	0.283020	0.000034	0.283019	9.7	4.70	0.021	363	708	63	300	Juvenile
178-1099B-217	61	2	0.00207	0.00002	0.282977	0.000039	0.282975	8.1	4.20	0.021	506	850	61	445	
178-1099B-224	86	4	0.00053	0.00001	0.282948	0.000037	0.282947	7.6	4.20	0.021	559	901	86	473	
178-1099B-236	47	2	0.00188	0.00003	0.283054	0.000043	0.283052	10.5	4.99	0.021	279	626	47	232	Juvenile
318-U1355A_4	2716	60	0.00108	0.00012	0.280910	0.000016	0.280854	-6.5	5.71	0.021	3576	3702	3295	860	
318-U1355A_8	1667	119	0.00057	0.00012	0.281891	0.000016	0.281873	5.3	4.98	0.021	1840	2048	1667	172	Juvenile
318-U1355A_9	1553	82	0.00191	0.00014	0.282115	0.000020	0.282059	9.3	5.75	0.021	1553	1641	1553	0	Juvenile
318-U1355A_10	1675	83	0.00132	0.00013	0.282075	0.000019	0.282033	11.2	5.43	0.021	1675	1675	1675	0	
318-U1355A_13	2067	50	0.00118	0.00013	0.281330	0.000019	0.281284	-6.4	6.45	0.019	3003	3162	2646	936	
318-U1355A_14	1228	111	0.00059	0.00012	0.282144	0.000018	0.282131	4.4	7.55	0.016	1519	1709	1228	292	
318-U1355A_18	1593	112	0.00074	0.00013	0.281910	0.000015	0.281888	4.2	5.74	0.021	1885	2099	1593	291	Juvenile
318-U1355A_23	1760	117	0.00053	0.00012	0.281725	0.000016	0.281708	1.6	8.96	0.012	2061	2192	1767	301	
318-U1355A_24	1631	106	0.00094	0.00013	0.281909	0.000020	0.281880	4.8	4.06	0.021	1862	2073	1631	232	
318-U1355A_25	1769	59	0.00093	0.00012	0.281722	0.000016	0.281691	1.2	10.33	0.008	2056	2173	1793	287	
318-U1355A_26	573	13	0.00003	0.00012	0.281940	0.000016	0.281940	-17.1	6.36	0.020	2819	3086	2220	2246	
318-U1355A_31	1230	121	0.00068	0.00012	0.282142	0.000019	0.282127	4.3	7.83	0.015	1517	1699	1230	286	
318-U1355A_38	1627	45	0.00172	0.00013	0.281894	0.000020	0.281841	3.3	7.96	0.015	1889	2045	1627	262	
318-U1355A_41	1595	161	0.00105	0.00014	0.282069	0.000019	0.282038	9.5	5.76	0.021	1595	1652	1595	0	Juvenile
318-U1355A_42	1621	95	0.00262	0.00016	0.281971	0.000032	0.281891	4.9	3.36	0.021	1842	2054	1621	221	
318-U1355A_46	1753	53	0.00136	0.00015	0.282018	0.000022	0.281973	10.9	8.46	0.013	1753	1753	1753	0	
318-U1355A_48	1574	117	0.00044	0.00012	0.281903	0.000017	0.281890	3.8	4.63	0.021	1901	2116	1574	326	
318-U1355A_50	1664	91	0.00046	0.00012	0.281720	0.000019	0.281706	-0.7	10.25	0.008	2060	2182	1787	396	
318-U1355A_56	1647	97	0.00145	0.00014	0.281801	0.000026	0.281756	0.7	6.28	0.020	2175	2371	1737	528	
318-U1355A_64	1726	85	0.00081	0.00013	0.281947	0.000021	0.281921	8.4	9.46	0.010	1726	1793	1726	0	
318-U1355A_70	1710	84	0.00227	0.00015	0.281957	0.000021	0.281884	6.7	8.29	0.014	1743	1889	1710	33	
318-U1355A_76	114	7	0.00057	0.00012	0.282568	0.000040	0.282567	-5.2	7.80	0.015	1298	1546	741	1183	
318-U1355A_81	1692	53	0.00106	0.00014	0.281731	0.000022	0.281697	-0.3	9.57	0.010	2084	2210	1802	392	
318-U1355A_84	1807	79	0.00315	0.00013	0.281939	0.000036	0.281831	7.1	5.21	0.021	1807	1996	1807	0	Juvenile
318-U1355A_85	1429	97	0.00225	0.00014	0.282152	0.000028	0.282091	7.6	3.81	0.021	1475	1703	1429	46	
318-U1355A_97	1176	115	0.00187	0.00014	0.282257	0.000023	0.282216	6.3	4.68	0.021	1410	1659	1176	234	
318-U1355A_99	1714	175	0.00076	0.00013	0.281703	0.000027	0.281679	-0.5	8.50	0.013	2160	2301	1845	447	
318-U1355A_105	1815	133	0.00127	0.00013	0.281874	0.000022	0.281831	7.2	6.38	0.020	1815	1975	1815	0	
318-U1355A_110	1606	45	0.00334	0.00019	0.282060	0.000022	0.281959	7.0	10.63	0.008	1637	1762	1606	30	
318-U1355A_115	1703	120	0.00122	0.00013	0.281925	0.000017	0.281886	6.6	4.95	0.021	1760	1966	1703	57	Juvenile
318-U1355A_116	1228	121	0.00110	0.00016	0.282170	0.000025	0.282145	4.9	6.58	0.019	1525	1744	1228	298	
318-U1355A_125	1621	86	0.00157	0.00017	0.281938	0.000022	0.281890	4.9	4.00	0.021	1844	2056	1621	223	
318-U1355A_131	1750	82	0.00135	0.00013	0.282020	0.000020	0.281975	10.9	6.27	0.020	1750	1750	1750	0	
318-U1355A_149	2672	52	0.00105	0.00012	0.280919	0.000018	0.280866	-7.1	4.85	0.021	3593	3722	3305	921	

318-U1355A_150	1610	152	0.00170	0.00013	0.282110	0.000021	0.282059	10.6	4.10	0.021	1610	1610	1610	0	
318-U1355A_151	1708	107	0.00114	0.00013	0.281859	0.000022	0.281823	4.5	4.30	0.021	1941	2146	1708	233	
318-U1355A_160	558	13	0.00004	0.00012	0.282307	0.000014	0.282306	-4.5	9.99	0.008	1346	1518	961	788	
318-U1355A_165	1599	89	0.00170	0.00014	0.281944	0.000025	0.281893	4.5	7.35	0.016	1810	1981	1599	211	
318-U1355A_169	1495	99	0.00176	0.00014	0.282061	0.000020	0.282012	6.3	7.36	0.016	1606	1784	1495	111	
318-U1355A_175	1633	81	0.00129	0.00013	0.281862	0.000018	0.281822	2.7	5.71	0.021	2031	2242	1633	399	Juvenile
318-U1355A_180	1141	141	0.00067	0.00013	0.282194	0.000018	0.282180	4.2	5.92	0.021	1561	1810	1141	420	
318-U1355A_184	1805	81	0.00144	0.00013	0.281938	0.000028	0.281889	9.1	4.63	0.021	1805	1828	1805	0	
318-U1355A_188	1429	89	0.00127	0.00014	0.282079	0.000022	0.282045	6.0	6.09	0.020	1609	1829	1429	180	
318-U1355A_192	1563	99	0.00068	0.00013	0.281906	0.000018	0.281886	3.4	7.40	0.016	1851	2024	1563	289	
318-U1355A_193	1691	96	0.00167	0.00015	0.281955	0.000033	0.281902	6.9	8.50	0.013	1715	1859	1691	25	
318-U1357A-36	1647	38	0.00077	0.00007	0.281747	0.000044	0.281724	-0.4	7.47	0.016	2166	2330	1798	519	
318-U1357A-39	1729	81	0.00058	0.00008	0.281708	0.000044	0.281689	0.2	9.05	0.011	2106	2237	1811	377	
318-U1357A-41	1733	40	0.00041	0.00007	0.281594	0.000041	0.281581	-3.5	6.85	0.018	2498	2671	2111	765	
318-U1357A-45	1712	60	0.00066	0.00008	0.281769	0.000052	0.281748	1.9	8.49	0.013	2020	2162	1712	308	
318-U1357A-46	1191	64	0.00084	0.00007	0.282084	0.000042	0.282066	1.3	6.20	0.020	1812	2045	1289	620	
318-U1357A-55	1745	22	0.00153	0.00009	0.281773	0.000040	0.281723	1.8	5.76	0.021	2192	2393	1745	447	Juvenile
318-U1357A-59	2437	19	0.00240	0.00009	0.281332	0.000058	0.281221	0.0	6.37	0.020	2819	2956	2512	382	
318-U1357A-60	1879	34	0.00149	0.00010	0.281718	0.000046	0.281665	2.8	10.91	0.008	2069	2182	1879	190	
318-U1357A-61	1703	30	0.00078	0.00007	0.281787	0.000039	0.281762	2.2	6.11	0.020	2110	2308	1703	408	
318-U1357A-63	1620	37	0.00219	0.00010	0.281996	0.000050	0.281929	6.2	4.32	0.021	1730	1942	1620	110	
318-U1357A-64	1689	25	0.00085	0.00008	0.281736	0.000046	0.281709	0.0	8.18	0.014	2127	2275	1796	438	
318-U1357A-66	1696	37	0.00042	0.00008	0.281656	0.000045	0.281643	-2.2	10.19	0.008	2160	2280	1891	464	
318-U1357A-72	1727	28	0.00077	0.00007	0.282054	0.000046	0.282029	12.3	10.47	0.008	1727	1727	1727	0	
318-U1357A-81	1625	61	0.00094	0.00007	0.282075	0.000044	0.282047	10.5	6.38	0.020	1625	1625	1625	0	
318-U1357A-82	1748	31	0.00135	0.00008	0.281763	0.000041	0.281719	1.7	9.44	0.010	2030	2155	1749	282	
318-U1357A-83	1608	47	0.00106	0.00008	0.281957	0.000043	0.281925	5.8	3.86	0.021	1756	1969	1608	147	
318-U1358A_11	127	10	0.00118	0.00014	0.282739	0.000017	0.282737	1.1	2.94	0.021	1163	1497	411	1036	
318-U1358A_14	2339	46	0.00023	0.00012	0.281208	0.000020	0.281198	-3.1	7.77	0.015	2861	2979	2598	522	
318-U1358A_16	524	18	0.00035	0.00012	0.282296	0.000023	0.282293	-5.7	7.07	0.017	1748	1995	1195	1225	
318-U1358A_21	1705	160	0.00182	0.00014	0.281960	0.000030	0.281902	7.2	4.58	0.021	1711	1917	1705	6	
318-U1358A_24	2553	128	0.00099	0.00016	0.281214	0.000020	0.281166	0.8	6.98	0.018	2825	2944	2561	272	
318-U1358A_45	917	14	0.00142	0.00016	0.282237	0.000035	0.282213	0.3	5.48	0.021	1743	2011	1144	826	
318-U1358A_46	630	9	0.00054	0.00012	0.281712	0.000033	0.281706	-24.1	4.94	0.021	3619	3899	2990	2990	
318-U1358A_50	125	5	0.00076	0.00013	0.282867	0.000021	0.282866	5.6	4.79	0.021	762	1099	125	637	Juvenile
318-U1358A_54	501	11	0.00098	0.00013	0.282316	0.000026	0.282307	-5.7	8.55	0.013	1513	1717	1055	1012	
318-U1358A_55	2666	128	0.00091	0.00016	0.280919	0.000019	0.280873	-7.0	4.69	0.021	3580	3709	3290	914	
318-U1358A_62	2469	136	0.00034	0.00013	0.281182	0.000026	0.281166	-1.2	7.85	0.015	2846	2956	2601	377	
318-U1358A_71	1818	147	0.00100	0.00013	0.281629	0.000023	0.281595	-1.1	8.22	0.014	2293	2433	1980	475	
318-U1358A_83	2119	146	0.00067	0.00012	0.281639	0.000017	0.281613	6.5	7.10	0.017	2119	2229	2119	0	
318-U1358A_89	1752	152	0.00070	0.00013	0.281327	0.000030	0.281304	-12.9	5.80	0.021	3402	3598	2963	1651	
318-U1358A_97	1767	162	0.00085	0.00013	0.281728	0.000024	0.281700	1.5	7.89	0.015	2115	2264	1782	348	
318-U1358A_118	602	14	0.00044	0.00012	0.282088	0.000015	0.282083	-11.4	9.75	0.009	1752	1925	1365	1150	
318-U1358A_120	272	8	0.00226	0.00020	0.282591	0.000045	0.282580	-1.2	6.16	0.020	1401	1708	713	1129	
318-U1358A_124	1895	70	0.00095	0.00014	0.281749	0.000023	0.281715	5.0	4.65	0.021	2037	2227	1895	142	
318-U1358A_128	1854	49	0.00043	0.00012	0.281520	0.000016	0.281505	-3.4	7.37	0.016	2531	2685	2188	677	
318-U1358A_136	2381	51	0.00070	0.00013	0.281204	0.000027	0.281173	-3.0	6.73	0.018	2968	3101	2671	587	
318-U1358A_141	2402	30	0.00081	0.00013	0.281228	0.000019	0.281191	-1.9	6.90	0.018	2891	3020	2603	489	
318-U1358A_145	114	4	0.00128	0.00014	0.282580	0.000017	0.282578	-4.8	6.78	0.018	1459	1747	813	1345	
318-U1358A_152	1994	81	0.00045	0.00013	0.281350	0.000019	0.281333	-6.3	6.30	0.020	2967	3135	2590	973	
318-U1358A_165	2357	35	0.00026	0.00013	0.281161	0.000018	0.281150	-4.4	9.17	0.011	2866	2965	2644	509	
318-U1358A_170	1843	59	0.00127	0.00013	0.281855	0.000025	0.281811	7.2	3.19	0.021	1843	2011	1843	0	
318-U1358A_182	555	12	0.00052	0.00013	0.282225	0.000049	0.282220	-7.6	6.99	0.018	1920	2166	1366	1365	
318-U1358A_191	1425	62	0.00139	0.00013	0.281764	0.000034	0.281727	-5.4	6.65	0.019	2434	2632	1988	1009	

*: The $^{176}Lu/^{177}Hf$ of source magma used to calculated the model ages (see Method)

†: Calculated using the arc mantle evolution values of Iizuka et al. (2013)

‡: Difference between the average model age and the crystallization age of the zircon

Notes:

Chondritic parameters of Bouvier et al. (2008) and the $\lambda^{176}Lu$ of Söderlund et al. (2004) are used for calculation.

References:

Bouvier, A., Vervoort, J.D., Patchett, P.J., 2008. The Lu-Hf and Sm-Nd isotopic composition of CHUR: Constraints from unequilibrated chondrites and implications for the bulk composition of terrestrial planets. Earth and Planetary Science Letters 273, 48-57.

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Söderlund, U., Patchett, P.J., Vervoort, J.D., Isachsen, C.E., 2004. The 176Lu decay constant determined by Lu–Hf and U–Pb isotope systematics of Precambrian mafic intrusions. Earth and Planetary Science Letters 219, 311-324.

Table 4.7 Lu-Hf isotope data of zircon standards for each session.

Session	Reference zircon	N	Spot size (µm)	Mean $^{176}Hf/^{177}Hf$	2SD	Offset*	Mean $^{176}Hf/^{177}Hf_{corrected}$ †	2SE.ext ‡	Analyzed unknown sample	
20200618										
RSES ANU	**91500 (Primary)**	24	45	0.282280	28	26	0.282300	40	178-1099B (No. 2-236)	
	Mud Tank	19	45	0.282496	21	11	0.282516	35	35-324 (No. 1-93)	
	R33	19	45	0.282750	34	14	0.282770	44		
	Tem2	12	45	0.282658	26	28	0.282678	38		
					Average offset	20				
20200619_1										
RSES ANU	**91500 (Primary)**	8	45	0.282289	19	17	0.282305	27	35-324 (No. 97-193)	
	Mud Tank	6	45	0.282496	21	11	0.282501	27		
	R33	6	45	0.282745	34	19	0.282762	39		
	Tem2	3	45	0.282668	23	18	0.282684	30		
					Average offset	16				
20200619_2										
RSES ANU	**91500 (Primary)**	24	40	0.282277	34	29	0.282306	49	113-692B (No. 1-166)	
	Mud Tank	18	40	0.282484	30	23	0.282513	45	28-273A (No. 2-109)	
	R33	14	40	0.282739	28	25	0.282768	44	119-740A (No. 1-21)	
	Tem2	8	40	0.282652	20	34	0.282681	40	318-U1357A (No. 36-83)	
					Average offset	28				
20201014										
RSES ANU	**91500 (Primary)**	62	35	0.282302	10	4	0.282308	10	318-U1358A (No. 11-191)	28-268 (No. 1-209)
	Mud Tank	64	35	0.282509	9	2	0.282514	9	318-U1355A (No. 4-206)	119-741A (No. 1-229)
	R33	31	35	0.282759	12	5	0.282765	12	178-1096B (No. 8-479)	
	Tem2	20	35	0.282671	22	15	0.282677	22	28-271 (No. 5-209)	
					Average offset	5				

Reference	**$^{176}Hf/^{177}Hf$ (solution)**	**2SD**
91500	0.282306	8
MudTank	0.282507	6
R33	0.282764	14
Tem2	0.282686	8

*: Difference between messured value and solution value of reference zircons. Solution values are derived from Woodhead et al. (2005)

†: $^{176}Hf/^{177}Hf$ ratio is corrected by the average offset of all reference zircons analyzed.

‡: The errors combine the standard error of mean and the reproducibility (2SD) of the primary reference zircon (91500), added in quadrature.

Reference:

Woodhead, J.D., Hergt, J.M., 2005. A preliminary appraisal of seven natural zircon reference materials for in situ Hf isotope determination. Geostandards and Geoanalytical Research 29, 183-195.

Table 4.8 Oxygen and Lu-Hf isotopes systematics for detrital zircon analyzed in this study

Age group (Ma)	N total	εHf$_{(t)}$ Mean	2SD	2SE	εHf$_{(t)}$ Minimum	εHf$_{(t)}$ Maximum	δ^{18}O Mean	2SD	2SE	δ^{18}O Minimum	δ^{18}O Maximum	Percent of zircons (%)				
												δ^{18}O < 4.7 ‰	δ^{18}O > 5.9 ‰	δ^{18}O within mantle range (4.7-5.9 ‰)	εHf$_{(t)}$ within arc mantle array	Juvenile zircon*
<100	55	8.3	7.3	1.0	-6.7	11.3	4.78	1.90	0.26	3.17	8.72	56	5	38	95	35
300-100	91	-0.8	10.0	1.0	-17.2	9.6	5.72	3.07	0.32	2.94	10.42	23	33	44	11	7
650-450	104	-7.3	12.2	1.2	-24.2	4.8	7.47	2.29	0.22	4.93	10.52	0	93	7	1	0
1250-1000	60	3.2	8.4	1.1	-9.7	10.0	7.09	2.64	0.34	3.96	10.12	5	88	7	65	5
1850-1500	57	4.1	9.2	1.2	-12.9	12.3	6.85	4.04	0.53	3.19	10.63	19	61	19	56	14

*: Zircons have εHf$_{(t)}$ within arc mantle array and δ^{18}O between the mantle zircon range (see Chapter 4.3 for details)

Sample ID	Best age	2SE	Age type	206Pb/238U	2SE	207Pb/235U	2SE	207Pb/206Pb	2SE	206Pb/238U age	2SE	207Pb/235U age	2SE	207Pb/206Pb age	2SE	concordance %	2SE %	P	Ti	Y	Zr	La	Ce	Pr	Nd
20170217_Bega-44	554	16	Pbcor6/38	0.0896	0.0027	0.7190	0.0490	0.0579	0.0024	553	16	549	29	525	91	100	6	488	8.0		490400	0.004	2.67		0.85
20170217_Bega-45	446	14	Pbcor6/38	0.0714	0.0023	0.5210	0.0420	0.0524	0.0030	445	14	423	28	302	131	99	8	709	5.6		504000	0.072	2.58		1.55
20170217_Bega-46	499	17	Pbcor6/38	0.0806	0.0029	0.6600	0.0520	0.0586	0.0028	500	17	512	32	551	104	99	7	639	6.8		502900	0.003	1.30		0.89
20170217_Bega-47	1107	91	7/6	0.1621	0.0085	1.7730	0.1500	0.0765	0.0035	968	47	1031	56	1107	91	94	7	629	55.0		480000	4.000	76.00		49.00
20170217_Bega-48	571	19	Pbcor6/38	0.0927	0.0033	0.7480	0.0750	0.0592	0.0052	571	19	562	46	574	191	101	9	537	14.4		497800	0.010	17.55		1.58
20170217_Bega-49	431	14	Pbcor6/38	0.0690	0.0024	0.5220	0.0420	0.0540	0.0031	430	14	424	27	370	129	99	7	495	4.5		472400	0.064	13.14		1.52
20170217_Bega-51	554	17	6/38	0.0898	0.0029	0.7350	0.0560	0.0586	0.0030	554	17	556	33	551	112	100	7	484	8.5		491000	Below LOD	7.45		0.92
20170217_Bega-52	1086	79	7/6	0.1759	0.0056	1.8940	0.1300	0.0757	0.0030	1045	31	1077	46	1086	79	97	5	681	11.1		500000	0.610	5.25		8.50
20170217_Bega-53	1019	102	7/6	0.1720	0.0120	1.8100	0.1800	0.0732	0.0037	1018	66	1021	80	1019	102	100	10	727	9.1		512300	0.002	1.03		1.16
20170217_Bega-54	437	14	Pbcor6/38	0.0702	0.0023	0.5560	0.0470	0.0571	0.0036	437	14	446	30	494	139	99	7	568	5.5		512300	0.014	14.10		1.51
20170217_Bega-55	452	14	Pbcor6/38	0.0727	0.0023	0.5730	0.0420	0.0567	0.0027	453	14	461	28	479	105	99	7	862	4.3		500300	0.154	2.10		1.28
20170217_Bega-56	618	38	Pbcor6/38	0.1010	0.0065	0.9120	0.1000	0.0632	0.0034	619	38	641	52	714	114	97	10	639	6.9		502100	0.012	1.97		1.14
20170217_Bega-57	2029	61	7/6	0.3623	0.0110	6.3000	0.4100	0.1251	0.0043	1993	52	2017	57	2029	61	99	4	511	5.0		519200	0.031	18.92		3.24
20170217_Bega-58	1171	83	7/6	0.1816	0.0057	1.9950	0.1400	0.0790	0.0033	1076	31	1110	48	1171	83	97	5	524	4.9		513900	0.335	10.08		2.51
20170217_Bega-59	416	14	Pbcor6/38	0.0668	0.0023	0.5330	0.0420	0.0577	0.0032	417	14	432	27	517	122	100	7	538	3.0		526700	Below LOD	11.35		0.56
20170217_Bega-60	422	14	Pbcor6/38	0.0675	0.0023	0.5070	0.0440	0.0543	0.0037	421	14	413	30	383	153	100	8	484	5.6		480000	0.006	12.86		0.88
20170217_Bega-61	482	16	Pbcor6/38	0.0777	0.0027	0.6190	0.0490	0.0582	0.0029	482	16	490	30	536	109	101	7	565	10.3		515400	1.520	21.05		7.00
20170217_Bega-62	887	29	Pbcor6/38	0.1497	0.0051	1.6800	0.1300	0.0816	0.0047	899	29	995	50	1235	113	100	5	527	5.3		517300	0.095	10.19		2.89
20170217_Bega-63	525	22	Pbcor6/38	0.0848	0.0037	0.6600	0.0570	0.0572	0.0032	524	22	510	34	498	123	101	8	546	9.8		512500	0.009	8.00		1.41
20170217_Bega-64	1081	93	7/6	0.1956	0.0065	1.9760	0.1400	0.0755	0.0035	1151	35	1105	49	1081	93	104	6	534	17.7		520000	0.560	7.59		6.00
20170217_Bega-65	423	14	Pbcor6/38	0.0679	0.0024	0.5180	0.0600	0.0555	0.0058	424	14	416	40	431	232	100	10	595	7.4		521200	Below LOD	10.20		1.31
20170217_Bega-66	414	14	Pbcor6/38	0.0664	0.0022	0.5060	0.0520	0.0557	0.0046	414	14	410	34	439	184	101	9	551	7.8		513600	Below LOD	8.37		1.03
20170217_Bega-67	1062	81	7/6	0.1748	0.0056	1.7740	0.1200	0.0748	0.0030	1038	31	1036	48	1062	81	100	6	503	6.6		505900	0.093	9.90		2.60
20170217_Bega-68	672	20	Pbcor6/38	0.1104	0.0035	0.9900	0.0760	0.0657	0.0035	675	20	695	40	796	112	101	6	582	7.6		505500	Below LOD	4.47		0.55
20170217_Bega-70	556	16	Pbcor6/38	0.0901	0.0028	0.7270	0.0530	0.0589	0.0025	557	16	553	31	562	92	100	6	494	8.6		512800	0.566	7.97		7.24
20170217_Bega-71	781	44	6/38	0.1291	0.0078	1.1930	0.1200	0.0663	0.0030	781	44	782	56	815	95	100	9	795	13.6		513400	0.710	6.80		4.30
20170217_Bega-72	408	15	Pbcor6/38	0.0659	0.0025	0.5590	0.0620	0.0617	0.0064	411	15	446	40	663	222	100	9	507	6.3		503700	1.180	18.00		4.50
20170217_Bega-73	566	20	Pbcor6/38	0.0917	0.0034	0.7200	0.0850	0.0576	0.0061	565	20	537	50	514	232	101	10	491	17.5		526700	0.007	15.11		1.13
20170217_Bega-74	2710	63	7/6	0.5101	0.0160	12.9500	0.8700	0.1864	0.0071	2656	68	2676	60	2710	63	99	3	516	58.6		521100	0.053	17.73		1.13
20170217_Bega-75	439	14	Pbcor6/38	0.0705	0.0024	0.5370	0.0470	0.0559	0.0037	439	14	432	31	447	147	101	8	650	6.7		516300	0.034	1.20		0.70
20170217_Bega-76	618	18	Pbcor6/38	0.1001	0.0031	0.7750	0.0550	0.0565	0.0025	615	18	581	31	471	98	101	6	575	9.5		516000	0.020	19.51		3.63
20170217_Bega-77	524	23	Pbcor6/38	0.0856	0.0039	0.7550	0.0640	0.0670	0.0054	529	23	569	37	837	168	104	7	644	33.4		542000	2.300	27.70		16.90
20170217_Bega-78	444	14	Pbcor6/38	0.0714	0.0024	0.5520	0.0490	0.0562	0.0036	445	14	442	32	459	142	100	8	561	10.9		517000	1.330	10.34		4.60
20170217_Bega-79	436	14	Pbcor6/38	0.0697	0.0023	0.5020	0.0420	0.0528	0.0033	434	14	410	29	319	142	101	8	493	3.8		506300	0.003	11.31		0.57
20170217_Bega-80	657	35	Pbcor6/38	0.1074	0.0060	0.9370	0.0860	0.0627	0.0025	656	35	663	46	697	85	99	9	615	14.2		507300	0.100	5.12		2.19
20170217_Bega-82	447	15	Pbcor6/38	0.0718	0.0024	0.5530	0.0480	0.0561	0.0040	447	15	444	32	455	158	100	8	615	11.3		507000	0.600	11.27		6.04
20170217_Bega-83	431	14	Pbcor6/38	0.0688	0.0022	0.4820	0.0450	0.0515	0.0040	429	14	395	31	262	178	101	9	558	4.4		510100	0.051	10.30		0.45
20170217_Bega-84	594	19	Pbcor6/38	0.0971	0.0032	0.8530	0.0770	0.0640	0.0048	597	19	620	41	741	159	100	7	563	10.1		506500	0.132	8.19		2.20
20170217_Bega-86	413	13	Pbcor6/38	0.0661	0.0022	0.4980	0.0410	0.0546	0.0034	412	13	408	28	395	140	100	8	746	8.5		520900	0.048	13.98		5.49
20170217_Bega-87	428	15	Pbcor6/38	0.0686	0.0025	0.5090	0.0650	0.0540	0.0064	428	15	408	43	370	266	100	12	641	7.0		502900	0.020	8.26		1.52
20170217_Bega-88	395	13	Pbcor6/38	0.0631	0.0021	0.4640	0.0370	0.0527	0.0031	395	13	386	26	315	134	99	8	736	2.7		513000	0.256	8.64		1.75
20170217_Bega-89	384	17	Pbcor6/38	0.0623	0.0028	0.5430	0.0570	0.0661	0.0066	389	17	437	37	809	208	104	8	653	21.3		514000	2.520	33.30		24.30
20170217_Bega-90	393	13	Pbcor6/38	0.0633	0.0022	0.5280	0.0580	0.0609	0.0053	396	13	427	37	635	187	100	9	587	9.1		493000	1.090	8.40		4.50
20170217_Bega-91	442	15	Pbcor6/38	0.0708	0.0025	0.5130	0.0500	0.0531	0.0042	441	15	416	33	332	179	101	9	642	44.1		473000	0.244	13.70		2.28
20170217_Bega-92	419	14	Pbcor6/38	0.0671	0.0022	0.5130	0.0450	0.0552	0.0036	419	14	417	31	419	146	100	8	536	4.6		496200	Below LOD	13.54		1.04
20170217_Bega-94	422	14	Pbcor6/38	0.0676	0.0023	0.4980	0.0420	0.0537	0.0035	421	14	407	29	358	147	100	8	596	5.5		499300	0.630	13.75		2.32
20170217_Bega-95	577	18	Pbcor6/38	0.0935	0.0030	0.7510	0.0600	0.0581	0.0034	576	18	565	35	533	128	100	7	466	4.7		485200	0.024	30.33		0.58
20170217_Bega-96	421	14	Pbcor6/38	0.0675	0.0023	0.5040	0.0460	0.0552	0.0044	421	14	414	33	419	178	102	9	547	5.2		493800	0.027	9.13		0.67
20170217_Bega-98	1032	77	7/6	0.1792	0.0055	1.8320	0.1200	0.0737	0.0028	1062	30	1055	45	1032	77	101	5	514	4.8		486600	0.045	9.48		0.68
20170217_Bega-99	602	18	Pbcor6/38	0.0980	0.0031	0.8280	0.0590	0.0611	0.0027	603	18	611	33	642	95	100	6	590	5.9		481100	Below LOD	8.11		0.59
20170217_Bega-100	488	16	Pbcor6/38	0.0785	0.0027	0.6100	0.0550	0.0561	0.0040	487	16	479	35	455	158	100	8	540	3.9		504000	Below LOD	20.45		0.77
20171130_Warburton-2	764	18	6/38	0.1258	0.0032	1.1400	0.0440	0.0671	0.0024	764	18	770	21	840	74	99	4	258	3.2		435800	0.029	9.18		3.13
20171130_Warburton-3	636	14	6/38	0.1036	0.0024	0.8620	0.0240	0.0615	0.0013	636	14	630	13	656	45	101	3	1080	7.2		432800	0.008	4.07		3.02
20171130_Warburton-4	347	8	6/38	0.0553	0.0013	0.4180	0.0150	0.0562	0.0018	347	8	353	11	459	71	98	4	433	8.0		443100	0.033	17.96		1.59
20171130_Warburton-5	523	13	6/38	0.0845	0.0021	0.6870	0.0220	0.0602	0.0017	523	13	529	13	610	61	99	3	522	10.5		434500	0.027	9.20		1.37
20171130_Warburton-6	363	8	Pbcor6/38	0.0583	0.0013	0.4560	0.0160	0.0580	0.0019	365	8	383	12	529	72	102	4	1300	14.1		443000	3.930	41.40		23.50
20171130_Warburton-7	347	9	6/38	0.0553	0.0014	0.4050	0.0190	0.0545	0.0023	347	9	344	13	391	95	101	5	222	8.9		464900	0.588	25.60		7.14
20171130_Warburton-8	112	4	6/38	0.0176	0.0006	0.1180	0.0120	0.0504	0.0053	112	4	113	11	212	244	99	10	243	8.1		466800	0.051	4.44		1.86
20171130_Warburton-9	231	6	6/38	0.0365	0.0010	0.2660	0.0130	0.0549	0.0028	231	6	239	11	407	114	97	5	196	11.3		465700	0.212	50.30		2.15
20171130_Warburton-10	107	3	Pbcor6/38	0.0169	0.0004	0.1292	0.0076	0.0557	0.0030	108	3	123	7	439	120	100	5	391	26.8		418200	0.186	10.75		3.97
20171130_Warburton-11	562	13	Pbcor6/38	0.0923	0.0022	0.8750	0.0250	0.0699	0.0015	569	13	637	14	925	44	101	3	1235	51.0		432000	5.820	64.20		61.30
20171130_Warburton-12	1364	29	7/6	0.1913	0.0060	2.2860	0.0840	0.0872	0.0013	1128	33	1203	27	1364	29	94	3	367	8.5		421900	1.288	48.10		13.55
20171130_Warburton-13	193	5	Pbcor6/38	0.0306	0.0008	0.2410	0.0130	0.0577	0.0028	194	5	218	11	517	107	101	5	360	5.8		431100	0.177	26.10		1.85
20171130_Warburton-14	1051	49	7/6	0.1766	0.0046	1.7910	0.0590	0.0744	0.0018	1048	25	1043	20	1051	49	100	3	382	8.2		426200	0.110	13.42		3.29
20171130_Warburton-15	1046	57	7/6	0.1627	0.0037	1.6340	0.0510	0.0742	0.0021	972	21	981	19	1046	57	99	3	994	12.5		425500	0.108	2.77		4.13
20171130_Warburton-16	96	3	Pbcor6/38	0.0152	0.0005	0.1160	0.0110	0.0565	0.0054	97	3	111	10	471	212	103	8	274	8.8		441100	0.039	16.66		4.39
20171130_Warburton-17	585	13	Pbcor6/38	0.0951	0.0023	0.7920	0.0300	0.0608	0.0022	586	13	590	17	631	78	100	4	263	5.8		434000	0.027	3.97		2.89
20171130_Warburton-18	99	3	Pbcor6/38	0.0156	0.0005	0.1150	0.0110	0.0551	0.0055	100	3	111	10	415	224	103	9	192	9.3		433700	0.035	17.16		1.22
20171130_Warburton-19	102	4	6/38	0.0160	0.0006	0.1060	0.0170	0.0491	0.0077	102	4	101	15	152	368	101	15	187	5.7		466900	0.040	11.07		0.95
20171130_Warburton-21	117	4	Pbcor6/38	0.0187	0.0006	0.1590	0.0150	0.0619	0.0062	119	4	148	13	670	214	100	8	356	7.9		435400	0.005	6.08		1.66
20171130_Warburton-22	145	4	Pbcor6/38	0.0229	0.0006	0.1690	0.0170	0.0544	0.0055	146	4	159	15	387	228	102	9	310	20.4		430900	0.099	12.77		2.95
20171130_Warburton-23	1089	42	7/6	0.1805	0.0040	1.8850	0.0490	0.0758	0.0016	1070	22	1075	17	1089	42	100	3	438	5.3		445600	1.220	22.27		8.36
20171130_Warburton-24	1694	15	7/6	0.2741	0.0059	3.9380	0.0770	0.1039	0.0008	1562	30	1621	16	1694	15	96	2	170	11.1		436700	0.241	12.18		2.68
20171130_Warburton-25	651	16	Pbcor6/38	0.1070	0.0027	0.9890	0.0300	0.0666	0.0013	655	16	697	15	824	41	99	3	1082	13.2		455600	1.810	73.00		26.90
20171130_Warburton-26	214	6	Pbcor6/38	0.0339	0.0009	0.2580	0.0130	0.0552	0.0028	215	6	232	10	419	113	100	5	300	12.0		473600	0.910	20.90		6.32
20171130_Warburton-27	2710	19	7/6	0.4796	0.0110	12.4100	0.2700	0.1864	0.0022	2525	46	2634	21	2710	19	96	2	364	9.4		427600	0.050	12.70		2.18
20171130_Warburton-28	427	11	6/38	0.0685	0.0018	0.5290	0.0270	0.0557	0.0026	427	11	428	18	439	104	100	5	539	11.3		439600	1.640	14.80		3.31
20171130_Warburton-29	280	6	Pbcor6/38	0.0447	0.0010	0.3520	0.0130	0.0567	0.0019	282	6	305	10	479	74	99	4	1169	18.7		436000	0.195	2.37		2.73
20171130_Warburton-30	95	2	Pbcor6/38	0.0149	0.0004	0.1006	0.0063	0.0485	0.0028	95	2	97	6	123	136	99	6	243	6.1		440300	0.107	22.20		0.86
20171130_Warburton-31	87	2	Pbcor6/38	0.0138	0.0003	0.1176	0.0077	0.0606	0.0037	88	2	113	7	624	132	97	5	707	18.7		464200	0.497	27.30		4.96
20171130_Warburton-32	101	3	Pbcor6/38	0.0159	0.0005	0.1170	0.0150	0.0518	0.0062	102	3	111	13	276	274	97	11	131	12.4		455500	0.016	15.28		1.09
20171130_Warburton-33	181	5	Pbcor6/38	0.0287	0.0007	0.2140	0.0120	0.0538	0.0026	182	5	196	10	362	109	99	5	983	12.7		445900	0.025	9.74		0.95
20171130_Warburton-34	99	3	Pbcor6/38	0.0156	0.0004	0.1103	0.0083	0.0511	0.0038	100	3	106	8	244	171	99	7	346	4.9		432100	0.059	25.18		0.82
20171130_Warburton-35	3226	21	7/6	0.6195	0.0140	22.1000	0.4700	0.2567	0.0034	3107	57	3189	22	3226	21	97	2	263	9.2		423300	0.125	10.84		1.72
20171130_Warburton-36	539	12	Pbcor6/38	0.0872	0.0020	0.7050	0.0220	0.0584	0.0016	539	12	541	13	544	60	100	3	185	10.1		444000	0.061	13.87		1.36
20171130_Warburton-39	465	11	Pbcor6/38	0.0749	0.0019	0.6050	0.0270	0.0576	0.0024	466	11	478	17	514	92	99	4	242	12.9		444500	0.007	13.77		1.05
20171130_Warburton-40	1768	16	7/6	0.3286	0.0072	4.9320	0.0960	0.1082	0.0009	1831	35	1808	17	1768	16	101	2	288	3.6		422600	0.060	8.81		2.35
20171130_Warburton-42	277	8	Pbcor6/38	0.0446	0.0012	0.4000	0.0260	0.0642	0.0038	281	8	338	18	747	125	98	5	408	14.8		442500	0.054	17.24		2.06
20171130_Warburton-43	910	22	Pbcor6/38	0.1530	0.0039	1.6510	0.0590	0.0775	0.0022	918	22	987	23	1133	57	99	3	347	18.6		455100	0.268	15.27		3.65
20171130_Warburton-44	99	3	Pbcor6/38	0.0157	0.0005	0.1250	0.0110	0.0575	0.0050	101	3	119	10	510	191	99	8	225	7.3		431900	0.309	18.51		1.65
20171130_Warburton-45	107	3	Pbcor6/38	0.0170	0.0005	0.1473	0.0099	0.0610	0.0040	109	3	139	9	638	141	96	5	221	11.8		447900	0.203	14.22		0.80
20171130_Warburton-46	289	6	Pbcor6/38	0.0459	0.0010	0.3360	0.0130	0.0527	0.0019	289	6	294	10	315	82	99	4	1170	13.7		459000	0.081	2.54		1.75
20171130_Warburton-47	94	3	Pbcor6/38	0.0148	0.0005	0.1140	0.0140	0.0549	0.0067	95	3	108	12	407	274	98	10	195	10.3		431000	0.030	11.45		1.02
20171130_Warburton-48	92	3	Pbcor6/38	0.0143	0.0005	0.0880	0.0120	0.0448	0.0064	91	3	84	11	0	334	100	15	286	14.2		431200	0.051	21.70		3.72
20171130_Warburton-49	2564	13	7/6	0.4623	0.0099	11.0650	0.2100	0.1707	0.0013	2450	43	2528	18	2564	13	97	2	233	16.4		411700	0.062	25.46		3.19
20171130_Warburton-50	100	3	Pbcor6/38	0.0157	0.0005	0.1247	0.0100	0.0566	0.0044	101	3	119	9	475	172	98	7	198	6.7		432400	0.008	29.44		0.88
20171130_Warburton-51	111	3	Pbcor6/38	0.0176	0.0005	0.1450	0.0100	0.0609	0.0044	112	3	137	9	635	156	102	6	409	13.5		436000	2.280	18.80		6.52
20171130_Warburton-53	541	12	Pbcor6/38	0.0879	0.0021	0.7420	0.0280	0.0610	0.0020	543	12	561	16	638	71	100	3	143	15.8		439400	0.108	5.64		1.69
20171130_Warburton-54	293	7	Pbcor6/38	0.0467	0.0011	0.3520	0.0210	0.0549	0.0032	294	7	304	16	407	130	100	6	181	15.8		432900	0.030	8.07		0.53
20171130_Warburton-55	702	16	Pbcor6/38	0.1168	0.0028	1.2520	0.0310	0.0757	0.0012	712	16	823	14	1086	32	97	2	1863	31.3		445200	2.520	32.70		25.10
20171130_Warburton-57	531	12	Pbcor6/38	0.0859	0.0020	0.6890	0.0260	0.0581	0.0019	531	12	530	15	533	72	100	4	376	9.3		424300	0.900	11.64		4.87
20171130_Warburton-60	244	6	Pbcor6/38	0.0387	0.0010	0.2850	0.0120	0.0535	0.0022	245	6	254	10	349	93	100	4	243	13.7		425400	0.309	27.80		4.19
20171130_Warburton-61	316	9	Pbcor6/38	0.0509	0.0015	0.4620	0.0310	0.0644	0.0042	320	9	382	21	754	138	97	5	287	10.8		467200	0.066	13.33		2.06
20171130_Warburton-62	1742	14	7/6	0.3041	0.0064	4.4530	0.0830	0.1067	0.0008	1712	32	1723	16	1742	14	99	2	428	9.5		432700	1.560	14.40		9.30
20171130_Warburton-63	455	10	Pbcor6/38	0.0736	0.0017	0.6350	0.0210	0.0613	0.0017	458	10	498	13	649	60	98	3	239	14.4		454400	0.062	5.27		3.93
20171130_Warburton-64	623	16	Pbcor6/38	0.1023	0.0027	0.9590	0.0350	0.0680	0.0019	628	16	680	18	868	58	100	3	798	31.2		437600	0.723	11.80		8.80
20171130_Warburton-65	106	3	Pbcor6/38	0.0169	0.0005	0.1343	0.0100	0.0585	0.0044	108	3	127	9	548	164	101	6	198	7.5		434400	0.028	12.77		1.72
20171130_Warburton-67	190	4	Pbcor6/38	0.0299	0.0007	0.2018	0.0069	0.0491	0.0015	190	4	186	6	152	72	100	4	404	3.3		437800	0.035	45.50		1.58
20171130_Warburton-69	101	3	Pbcor6/38	0.0160	0.0005	0.1220	0.0100	0.0561	0.0048	103	3	116	9	455	190	101	7	173	28.0		434600	0.020	5.47		0.67
20171130_Warburton-71	447	11	Pbcor6/38	0.0729	0.0019	0.6750	0.0330	0.0676	0.0033	453	11	520	20	855	101	100	4	287	17.3		459200	0.182	7.16		5.15
20171130_Warburton-73	463	12	Pbcor6/38	0.0748	0.0020	0.6120	0.0310	0.0598	0.0029	465	12	482	20	595	105	101	5	651	5.7		408800	0.990	15.80		2.92
20171130_Warburton-76	100	3	Pbcor6/38	0.0155	0.0005	0.0950	0.0140	0.0443	0.0066	99	3	90	12	0	363	100	15	269	5.6		442100	0.057	8.62		0.73
20171130_Warburton-77	168	5	Pbcor6/38	0.0267	0.0008	0.2110	0.0130	0.0582	0.0033	170	5	195	12	536	124	101	6	459	64.0		441300	0.099	58.80		3.33
20171130_Warburton-79	450	11	Pbcor6/38	0.0727	0.0019	0.6000	0.0210	0.0605	0.0018	452	11	476	13	621	64	101	3	617	16.5		453000	2.170	39.40		24.30
20171130_Warburton-80	935	20	Pbcor6/38	0.1569	0.0036	1.6190	0.0420	0.0748	0.0013	939	20	976	16	1062	35	100	3	952	21.3		412400	4.810	56.80		43.10
20171130_Warburton-81	89	2	Pbcor6/38	0.0140	0.0003	0.1003	0.0050	0.0515	0.0025	90	2	97	5	262	111	99	5	138	8.7		439500	0.029	12.96		0.77
20171130_Warburton-83	326	8	Pbcor6/38	0.0523	0.0012	0.4400	0.0150	0.0596	0.0017	328	8	369	10	588	62	98	3	1463	15.0		444900	0.058	1.81		1.21
20171130_Warburton-89	246	6	Pbcor6/38	0.0391	0.0010	0.2930	0.0240	0.0540	0.0045	247	6	258	19	370	188	99	7	273	18.3		437800	0.066	13.89		1.19
20171130_Warburton-92	223	6	Pbcor6/38	0.0356	0.0009	0.3010	0.0150	0.0610	0.0030	226	6	267	12	638	106	99	4	459	15.4		437800	0.095	14.31		1.50
20171130_Warburton-93	165	4	Pbcor6/38	0.0260	0.0007	0.1870	0.0110	0.0510	0.0027	165	4	174	9	240	122	98	6	222	10.1		432700	0.011	8.39		0.68
20171130_Warburton-98	638	22	Pbcor6/38	0.1050	0.0038	1.0070	0.0430	0.0681	0.0015	643	22	702	22	871	46	98	4	1077	20.5		430300	3.960	41.40		57.30
20171130_Cooper-1	647	14	Pbcor6/38	0.1059	0.0024	0.9450	0.0340	0.0643	0.0020	649	14	673	18	751	66	99	3	395	9.9		441400	0.010	4.47		1.62
20171130_Cooper-3	263	6	Pbcor6/38	0.0418	0.0010	0.3110	0.0180	0.0537	0.0028	264	6	273	14	358	118	99	5	286	12.2		464300	0.440	34.60		2.44
20171130_Cooper-4	262	6	Pbcor6/38	0.0417	0.0010	0.3270	0.0200	0.0544	0.0032	263	6	286	16	387	132	96	6	1552	3.8		360900	9.550	47.30		16.08
20171130_Cooper-5	536	12	Pbcor6/38	0.0866	0.0020	0.6940	0.0250	0.0581	0.0019	536	12	536	16	533	72	100	4	824	8.7		429500	0.074	7.49		1.66
20171130_Cooper-6	295	7	6/38	0.0467	0.0011	0.3420	0.0150	0.0525	0.0022	295	7	297	12	306	95	99	5	236	7.0		427700	0.060	8.84		1.14
20171130_Cooper-9	95	3	Pbcor6/38	0.0151	0.0004	0.1214	0.0092	0.0577	0.0039	97	3	116	8	517	148	99	6	664	9.7		450100	1.870	13.01		5.76
20171130_Cooper-10	137	4	Pbcor6/38	0.0215	0.0006	0.1396	0.0100	0.0472	0.0036	137	4	132	9	58	182	100	8	266	10.9		452500	0.008	27.10		2.71
20171130_Cooper-11	259	7	Pbcor6/38	0.0412	0.0011	0.3260	0.0170	0.0565	0.0027	260	7	285	13	471	106	98	5	489	13.9		447900	0.181	17.18		2.00
20171130_Cooper-14	81	3	Pbcor6/38	0.0129	0.0004	0.1070	0.0100	0.0572	0.0049	82	3	103	9	498	189	94	8	185	9.2		469300	0.035	9.92		2.08
20171130_Cooper-16	228	7	Pbcor6/38	0.0361	0.0011	0.2720	0.0230	0.0546	0.0048	229	7	240	18	395	197	100	8	236	10.2		441000	0.008	10.08		1.75

20171130_Cooper-17	186	6	Pbcor6/38	0.0298	0.0010	0.2600	0.0230	0.0631	0.0056	189	6	232	19	711	189	99	7	572	13.1	425300	0.370	17.96	2.12	1.08	113.0	508.0	109.8	9070	0.41	55.0	74.4	0.74	9.72	23.39	18.45	
20171130_Cooper-18	200	6	6/38	0.0315	0.0009	0.2190	0.0250	0.0507	0.0057	200	6	200	21	226	260	100	11	547	50.0	478000	0.830	54.20	9.00	3.18	207.7	811.0	169.6	9650	1.71	343.6	414.6	0.83	8.17	41.27	17.65	
20171130_Cooper-19	102	3	Pbcor6/38	0.0160	0.0005	0.1173	0.0080	0.0530	0.0035	102	3	112	7	328	150	100	6	143	7.8	429000	0.137	17.21	1.27	1.31	49.1	189.6	41.2	10440	0.30	108.0	221.3	0.49	8.38	10.00	4.60	
20171130_Cooper-20	1955	149	7/6	0.2804	0.0099	4.6100	0.3800	0.1200	0.0100	1591	50	1724	69	1955	149	92	5	336	57.3	450900	0.220	63.60	23.60	6.69	97.0	172.4	35.9	6565	0.07	26.4	6.2	4.24	3.70	16.61	10.84	
20171130_Cooper-21	132	4	6/38	0.0206	0.0006	0.1380	0.0140	0.0492	0.0050	132	4	130	13	156	238	101	11	321	5.6	454900	0.203	12.45	0.73	0.56	44.4	333.9	82.7	9640	0.55	82.3	180.6	0.46	18.63	11.90	10.35	
20171130_Cooper-22	1537	22	7/6	0.2753	0.0059	3.5980	0.0750	0.0955	0.0011	1568	30	1548	17	1537	22	101	2	768	10.9	434400	0.053	2.20	1.22	0.14	119.0	472.0	94.9	11510	0.91	91.5	385.0	0.24	7.97	22.42	24.77	S
20171130_Cooper-23	300	8	6/38	0.0477	0.0012	0.3500	0.0170	0.0539	0.0026	300	8	303	13	366	109	99	5	165	12.2	447800	0.045	12.89	1.28	0.61	64.9	255.0	54.6	10820	0.33	168.0	234.0	0.72	8.41	12.87	5.32	
20171130_Cooper-24	538	11	Pbcor6/38	0.0870	0.0019	0.6860	0.0220	0.0573	0.0015	538	11	529	13	502	58	100	3	385	6.8	443700	0.020	7.70	1.63	0.17	89.1	250.0	47.2	11290	1.17	122.1	346.6	0.35	5.30	14.88	12.42	
20171130_Cooper-25	101	6	Pbcor6/38	0.0158	0.0009	0.0980	0.0180	0.0468	0.0093	101	6	94	17	38	476	104	20	188	3.9	468600	0.005	4.58	0.37	0.51	30.5	137.8	31.9	11000	0.13	24.5	79.5	0.31	10.46	6.47	6.07	
20171130_Cooper-26	101	4	Pbcor6/38	0.0162	0.0007	0.1430	0.0260	0.0630	0.0120	103	4	135	23	707	406	97	13	362	55.0	479300	0.470	12.40	4.20	1.45	54.7	347.1	85.7	10090	0.45	62.9	118.3	0.53	15.67	13.65	11.68	
20171130_Cooper-27	258	7	Pbcor6/38	0.0415	0.0011	0.3720	0.0180	0.0628	0.0028	262	7	319	13	701	95	96	4	341	17.1	445500	0.031	15.34	4.35	2.93	147.8	427.0	86.6	9280	0.51	134.9	142.9	0.94	5.86	25.65	11.00	
20171130_Cooper-28	434	11	Pbcor6/38	0.0702	0.0018	0.6030	0.0290	0.0621	0.0028	437	11	477	18	677	96	100	4	380	33.2	446700	2.300	25.90	7.37	2.52	123.6	377.6	75.4	10410	0.89	245.0	260.0	0.94	6.10	22.25	12.26	
20171130_Cooper-30	104	3	6/38	0.0163	0.0005	0.1110	0.0120	0.0483	0.0051	104	3	106	11	113	250	98	11	321	10.4	448400	0.072	14.22	1.33	0.62	108.3	428.0	90.1	9940	0.67	127.0	161.0	0.79	8.32	21.13	10.35	
20171130_Cooper-31	349	9	6/38	0.0556	0.0014	0.4230	0.0290	0.0543	0.0035	349	9	353	21	383	145	99	6	248	3.8	434000	Below LOD	8.53	0.72	0.62	45.5	263.1	62.9	9890	0.23	49.0	90.4	0.54	13.82	10.70	7.99	
20171130_Cooper-32	250	6	Pbcor6/38	0.0396	0.0010	0.2880	0.0150	0.0519	0.0026	251	6	255	12	280	115	99	5	167	9.0	435900	0.009	12.97	1.30	0.82	55.8	188.8	38.7	10290	0.44	119.7	154.9	0.77	6.94	10.46	5.40	
20171130_Cooper-34	322	7	Pbcor6/38	0.0514	0.0011	0.3990	0.0130	0.0553	0.0016	323	7	340	10	423	65	98	3	285	13.7	432300	0.628	19.43	7.17	1.95	73.2	385.4	89.0	10360	1.23	264.9	454.5	0.58	12.16	16.72	9.20	
20171130_Cooper-35	593	13	6/38	0.0963	0.0022	0.8040	0.0240	0.0598	0.0016	593	13	598	13	595	58	99	3	418	27.4	459000	2.230	49.40	20.80	4.98	107.8	235.0	42.8	10810	1.84	197.0	472.0	0.42	3.97	18.07	13.48	
20171130_Cooper-36	96	3	Pbcor6/38	0.0152	0.0005	0.1345	0.0100	0.0627	0.0044	98	3	127	9	697	150	97	6	202	12.2	436600	0.172	23.90	1.78	1.42	64.1	302.0	68.5	9980	0.44	145.0	246.6	0.59	10.69	14.20	6.51	
20171130_Cooper-37	463	11	Pbcor6/38	0.0746	0.0019	0.5950	0.0290	0.0570	0.0026	464	11	471	19	491	101	99	5	410	6.5	466100	0.760	10.00	1.93	0.36	27.0	168.0	39.8	10910	0.66	81.3	182.8	0.44	14.74	6.72	13.23	
20171130_Cooper-38	114	3	Pbcor6/38	0.0179	0.0005	0.1310	0.0100	0.0522	0.0043	114	3	124	10	293	188	98	8	189	11.2	414900	0.530	16.40	5.60	1.85	45.7	209.1	49.9	10060	0.62	95.8	241.3	0.40	10.92	10.22	6.10	
20171130_Cooper-39	1527	22	7/6	0.2688	0.0058	3.5760	0.0740	0.0950	0.0011	1535	29	1543	16	1527	22	99	2	737	10.9	429400	0.028	2.25	1.13	0.09	118.8	448.0	89.1	11280	1.01	103.5	383.0	0.27	7.50	21.92	23.77	S
20171130_Cooper-40	341	9	Pbcor6/38	0.0548	0.0015	0.4680	0.0180	0.0608	0.0021	344	9	389	13	631	74	98	4	1011	33.0	453200	2.700	48.70	27.00	7.63	247.0	685.0	135.0	10590	1.95	383.0	537.0	0.71	5.47	42.90	32.61	
20171130_Cooper-41	176	5	Pbcor6/38	0.0278	0.0007	0.2020	0.0130	0.0523	0.0032	177	5	186	11	298	140	99	6	392	44.0	458500	1.250	30.40	7.50	2.53	142.0	430.0	85.5	10380	1.12	335.0	374.0	0.90	6.02	25.42	12.65	
20171130_Cooper-42	137	4	Pbcor6/38	0.0216	0.0006	0.1640	0.0150	0.0549	0.0052	138	4	153	13	407	212	100	8	183	32.9	459100	0.650	18.20	3.25	1.27	63.3	241.0	50.5	10660	0.36	146.0	172.0	0.85	7.98	12.56	5.92	
20171130_Cooper-43	235	6	6/38	0.0372	0.0010	0.2620	0.0130	0.0501	0.0023	235	6	235	10	199	107	100	5	285	4.3	431200	Below LOD	20.43	0.73	0.68	70.2	354.2	80.7	11230	0.91	152.4	257.2	0.59	11.50	15.69	9.18	
20171130_Cooper-44	1513	20	7/6	0.2712	0.0060	3.5680	0.0740	0.0943	0.0010	1547	30	1541	16	1513	20	100	2	924	29.2	434000	0.437	3.68	2.94	0.21	141.5	560.0	110.0	11680	1.28	92.0	466.0	0.20	7.77	26.48	29.81	S
20171130_Cooper-45	601	13	Pbcor6/38	0.0974	0.0022	0.7890	0.0290	0.0581	0.0019	599	13	588	16	533	72	99	4	149	11.4	437800	0.024	36.50	2.71	1.04	47.3	114.4	22.0	9400	0.74	165.5	187.0	0.89	4.64	8.71	4.81	
20171130_Cooper-47	100	4	Pbcor6/38	0.0159	0.0006	0.1390	0.0150	0.0639	0.0071	102	4	131	14	737	236	101	9	184	23.0	469300	0.149	15.60	1.97	1.53	60.5	327.0	76.6	9040	0.81	116.3	217.0	0.54	12.66	13.99	5.93	
20171130_Cooper-48	185	5	Pbcor6/38	0.0291	0.0008	0.1970	0.0140	0.0481	0.0032	185	5	181	12	103	157	98	7	333	2.5	410400	0.216	31.27	2.13	0.85	130.3	524.0	106.3	9330	1.05	160.5	259.5	0.62	8.16	25.74	10.75	
20171130_Cooper-50	729	16	Pbcor6/38	0.1206	0.0027	1.1840	0.0330	0.0694	0.0015	734	16	792	15	910	45	98	3	1179	21.2	424100	0.150	1.86	2.80	0.26	180.6	507.0	99.6	11220	0.33	50.2	425.0	0.12	5.51	30.09	38.03	S
20171130_Cooper-51	98	3	Pbcor6/38	0.0153	0.0004	0.0945	0.0064	0.0454	0.0030	98	3	91	6	0	148	101	7	204	4.8	426600	0.114	46.40	1.80	1.90	90.7	364.0	78.6	9350	0.72	231.0	293.0	0.79	8.67	19.15	6.56	
20171130_Cooper-52	99	3	Pbcor6/38	0.0157	0.0004	0.1137	0.0077	0.0536	0.0037	100	3	109	7	353	156	102	6	142	7.2	433500	0.016	17.40	1.50	1.29	53.8	252.7	56.8	10060	0.42	95.5	194.2	0.49	10.55	11.78	4.59	
20171130_Cooper-53	255	6	Pbcor6/38	0.0404	0.0009	0.2930	0.0120	0.0528	0.0019	256	6	260	9	319	82	100	4	254	17.3	421000	0.076	32.70	0.76	0.42	79.7	469.0	101.6	10500	2.29	276.0	528.0	0.52	12.75	18.83	8.21	
20171130_Cooper-54	206	5	6/38	0.0324	0.0008	0.2270	0.0110	0.0514	0.0023	206	5	207	9	258	103	99	5	435	21.5	432900	0.394	16.50	9.83	1.81	178.1	456.0	84.9	9710	0.79	282.0	436.0	0.65	4.77	28.89	14.03	
20171130_Cooper-56	402	10	Pbcor6/38	0.0647	0.0017	0.5260	0.0240	0.0598	0.0025	404	10	427	16	595	91	101	4	1010	17.7	445900	1.720	16.20	5.28	0.95	121.8	376.0	76.6	10050	0.84	129.3	212.8	0.61	6.29	21.75	32.58	
20171130_Cooper-57	597	13	Pbcor6/38	0.0971	0.0022	0.7930	0.0280	0.0598	0.0019	597	13	590	16	595	69	101	4	235	9.3	437600	0.037	5.51	2.90	0.93	56.0	122.2	23.3	9630	0.38	84.8	244.0	0.35	4.16	8.74	7.58	
20171130_Cooper-58	211	5	6/38	0.0333	0.0008	0.2330	0.0140	0.0515	0.0030	211	5	211	11	262	134	100	6	354	18.9	436000	0.048	7.77	5.62	1.16	189.7	535.0	102.5	8470	0.67	156.7	226.0	0.69	5.40	31.62	11.43	
20171130_Cooper-59	303	8	Pbcor6/38	0.0480	0.0013	0.3230	0.0230	0.0500	0.0036	302	8	281	17	194	167	102	7	694	22.3	435300	0.078	2.19	3.74	0.63	146.7	395.0	76.1	9750	0.35	52.7	93.0	0.57	5.19	24.01	22.39	S
20171130_Cooper-61	555	15	Pbcor6/38	0.0910	0.0025	0.8400	0.0580	0.0682	0.0050	561	15	610	33	874	152	101	6	263	7.7	428700	0.023	4.06	0.73	0.36	33.8	105.7	21.1	8960	0.32	78.2	49.3	1.59	6.24	6.00	8.48	
20171130_Cooper-62	271	6	Pbcor6/38	0.0432	0.0010	0.3330	0.0170	0.0567	0.0026	273	6	290	13	479	101	101	5	466	12.6	436400	1.010	14.03	2.14	0.64	47.4	176.7	36.5	11690	0.69	105.2	200.0	0.53	7.70	9.32	15.03	
20171130_Cooper-63	241	8	Pbcor6/38	0.0381	0.0013	0.2680	0.0230	0.0517	0.0045	241	8	238	18	271	200	101	8	343	10.7	434500	0.012	5.16	1.36	0.89	111.5	356.0	71.8	8700	0.16	32.3	54.3	0.59	6.44	19.69	11.06	
20171130_Cooper-65	238	7	Pbcor6/38	0.0378	0.0011	0.2830	0.0190	0.0553	0.0037	239	7	251	15	423	149	102	6	338	5.5	427900	0.147	20.60	4.47	2.23	87.9	310.0	66.8	9060	0.37	111.4	142.0	0.78	7.60	17.00	10.90	
20171130_Cooper-66	1535	36	7/6	0.2759	0.0065	3.5730	0.0920	0.0954	0.0018	1570	33	1542	20	1535	36	102	3	890	7.6	446800	0.337	12.43	3.36	1.33	135.4	480.0	93.2	11560	0.87	96.5	188.0	0.51	6.88	24.66	28.71	S
20171130_Cooper-68	111	3	Pbcor6/38	0.0176	0.0005	0.1390	0.0120	0.0576	0.0046	112	3	131	11	514	175	100	8	350	15.0	432400	0.080	10.68	2.23	1.07	86.5	334.0	71.1	9610	0.37	135.0	225.0	0.60	8.22	16.81	11.29	
20171130_Cooper-69	459	12	Pbcor6/38	0.0741	0.0020	0.5940	0.0250	0.0589	0.0021	461	12	472	16	562	78	101	4	287	15.2	440700	0.082	23.20	3.17	1.57	99.5	452.0	98.5	9420	0.77	251.0	252.0	1.00	9.90	20.99	9.26	
20171130_Cooper-70	122	4	Pbcor6/38	0.0190	0.0006	0.1190	0.0150	0.0459	0.0058	121	4	113	14	0	289	101	14	102	4.2	459300	0.010	13.72	0.94	1.12	54.2	289.0	65.6	9600	0.70	78.0	137.3	0.57	12.10	12.31	3.29	
20171130_Cooper-71	614	16	6/38	0.0999	0.0027	0.8270	0.0270	0.0607	0.0017	614	16	610	15	628	60	101	4	164	11.8	430800	0.101	10.27	5.76	1.20	64.1	122.7	22.6	10610	0.65	154.0	313.0	0.49	3.53	9.67	5.28	
20171130_Cooper-72	335	8	Pbcor6/38	0.0535	0.0013	0.3990	0.0180	0.0545	0.0024	336	8	339	13	391	99	101	4	232	7.7	427700	0.145	12.07	1.52	0.64	66.8	243.0	50.9	8910	0.51	93.6	153.8	0.61	7.62	12.78	7.48	
20171130_Cooper-73	295	8	6/38	0.0468	0.0014	0.3430	0.0200	0.0539	0.0031	295	8	298	15	366	130	99	6	312	31.4	467500	0.152	16.20	2.22	1.42	108.7	426.0	89.3	10700	0.52	132.0	187.0	0.71	8.22	21.21	10.07	
20171130_Cooper-74	412	11	Pbcor6/38	0.0660	0.0017	0.4910	0.0280	0.0542	0.0029	412	11	402	19	378	120	100	6	236	9.2	439900	0.032	10.14	0.79	0.52	44.4	167.4	34.7	9690	0.59	64.1	96.8	0.66	7.82	8.64	7.60	
20171130_Cooper-75	200	5	Pbcor6/38	0.0316	0.0008	0.2371	0.0100	0.0530	0.0021	201	5	216	9	328	90	98	4	256	8.0	413600	0.808	17.75	8.12	2.42	47.8	228.3	57.8	10460	0.35	213.3	457.0	0.47	12.09	11.12	8.25	
20171130_Cooper-76	525	14	Pbcor6/38	0.0850	0.0023	0.7060	0.0460	0.0594	0.0038	526	14	540	26	581	139	99	5	203	14.4	424400	0.017	7.35	1.10	0.45	43.6	102.9	19.3	9350	1.00	34.7	73.6	0.47	4.42	7.02	6.55	
20171130_Cooper-77	452	10	Pbcor6/38	0.0727	0.0017	0.5730	0.0220	0.0571	0.0019	452	10	459	14	494	73	100	4	254	11.8	409500	0.390	21.27	3.35	1.25	58.8	333.0	76.2	8610	0.88	245.4	319.0	0.77	12.96	13.92	8.18	
20171130_Cooper-78	88	3	Pbcor6/38	0.0138	0.0005	0.1033	0.0090	0.0532	0.0043	88	3	99	8	336	183	98	8	168	4.6	428700	0.004	15.60	1.22	0.94	46.7	188.0	41.2	9990	0.29	93.3	166.0	0.56	8.82	9.64	5.41	
20171130_Cooper-79	228	6	6/38	0.0361	0.0009	0.2550	0.0140	0.0510	0.0028	228	6	229	11	240	127	100	5	309	21.2	423600	0.048	13.61	2.70	1.21	88.6	299.1	61.2	9170	0.29	256.9	230.0	1.12	6.91	16.34	9.97	
20171130_Cooper-80	275	7	Pbcor6/38	0.0435	0.0011	0.3040	0.0160	0.0505	0.0025	274	7	270	12	217	115	100	5	330	9.3	435100	0.020	13.20	2.61	1.30	109.6	421.0	88.6	8350	0.70	127.0	214.0	0.59	8.08	21.16	10.64	
20171130_Cooper-81	1511	18	7/6	0.2346	0.0053	3.1090	0.0640	0.0942	0.0009	1359	28	1434	16	1511	18	95	2	728	9.6	433200	0.106	2.34	1.24	0.32	92.0	421.0	84.1	11970	1.42	69.9	504.0	0.14	9.14	18.21	23.48	S
20171130_Cooper-82	875	23	Pbcor6/38	0.1473	0.0041	1.6670	0.0550	0.0790	0.0017	885	23	992	21	1171	43	97	3	534	10.8	433000	0.158	6.71	2.51	0.71	92.1	310.6	61.2	10840	0.46	84.1	165.6	0.51	6.64	16.52	17.23	S
20171130_Cooper-83	342	8	6/38	0.0546	0.0013	0.4010	0.0180	0.0527	0.0021	342	8	343	13	315	91	100	4	252	8.6	423300	0.126	11.46	0.90	0.42	63.9	370.0	82.4	9120	0.97	151.0	291.0	0.52	12.90	14.67	8.13	
20171130_Cooper-84	103	4	Pbcor6/38	0.0161	0.0006	0.1040	0.0150	0.0476	0.0073	103	4	98	14	78	364	101	15	135	8.9	419500	0.317	9.54	1.09	0.56	29.2	146.2	33.8	9250	0.23	59.8	86.2	0.69	11.58	6.61	4.37	
20171130_Cooper-85	375	9	Pbcor6/38	0.0604	0.0015	0.5240	0.0210	0.0608	0.0021	378	9	427	14	631	74	97	4	255	17.2	434800	0.078	11.19	3.05	1.46	97.0	310.0	65.6	9350	0.45	144.0	168.4	0.86	6.76	17.65	8.23	
20171130_Cooper-86	389	9	Pbcor6/38	0.0623	0.0015	0.4880	0.0260	0.0561	0.0029	389	9	402	17	455	115	99	5	216	25.0	431300	0.174	12.78	2.72	1.05	64.4	334.0	77.7	9380	0.47	135.9	170.7	0.80	12.07	14.49	6.96	
20171130_Cooper-87	281	6	Pbcor6/38	0.0448	0.0010	0.3530	0.0120	0.0567	0.0019	282	6	306	9	479	74	99	3	718	6.2	421600	3.660	36.40	19.40	5.69	148.2	500.3	103.9	9650	1.35	266.6	513.5	0.52	7.01	28.17	23.16	S
20171130_Cooper-88	306	7	Pbcor6/38	0.0491	0.0012	0.4130	0.0200	0.0610	0.0028	309	7	349	14	638	99	100	4	313	11.2	437800	0.283	17.40	9.60	3.06	142.1	362.4	70.1	8180	0.52	160.0	153.2	1.04	4.93	23.49	10.10	
20171130_Cooper-89	157	4	Pbcor6/38	0.0247	0.0006	0.1780	0.0130	0.0520	0.0038	157	4	165	11	284	167	99	7	241	9.9	437700	0.028	11.21	0.75	0.56	45.0	289.3	73.4	10310	0.25	137.2	221.9	0.62	16.30	11.41	7.78	
20171130_Cooper-90	105	4	Pbcor6/38	0.0164	0.0006	0.1160	0.0110	0.0508	0.0047	105	4	110	10	231	214	99	9	312	13.9	430400	0.072	10.53	3.06	1.09	117.2	359.0	70.2	9670	0.30	161.0	163.0	0.99	5.99	20.39	10.06	
20171201_Cooper-91	500	18	Pbcor6/38	0.0810	0.0030	0.6730	0.0540	0.0612	0.0035	502	18	518	32	645	123	101	7	251	11.8	475800	0.202	15.70	2.96	1.25	122.0	414.0	81.7	10370	0.93	197.0	222.0	0.89	6.70	22.17	8.10	
20171201_Cooper-92	192	5	Pbcor6/38	0.0304	0.0008	0.2204	0.0110	0.0525	0.0023	193	5	202	9	306	100	100	5	448	6.7	438900	0.019	40.90	1.45	0.35	149.8	671.0	140.2	10910	2.99	260.9	428.0	0.61	9.36	31.13	14.45	
20171201_Cooper-93	263	7	Pbcor6/38	0.0417	0.0012	0.3040	0.0160	0.0527	0.0023	263	7	268	12	315	99	100	5	178	11.1	429400	0.135	15.96	1.22	0.93	43.3	227.9	54.9	9820	0.47	224.0	300.0	0.75	12.68	10.18	5.75	
20171201_Cooper-94	421	10	Pbcor6/38	0.0677	0.0016	0.5490	0.0240	0.0583	0.0023	422	10	445	15	540	86	99	4	1379	11.9	440400	0.260	15.65	4.05	2.37	217.0	781.0	151.1	11140	1.00	89.2	257.0	0.35	6.96	39.53	44.48	S
20171201_Cooper-95	279	9	Pbcor6/38	0.0446	0.0014	0.3640	0.0440	0.0600	0.0075	282	9	304	32	603	270	101	10	332	53.9	441100	0.043	14.59	3.17	1.36	99.5	298.0	58.9	7990	0.36	55.6	40.6	1.37	5.92	17.45	10.70	
20171201_Cooper-97	104	4	Pbcor6/38	0.0165	0.0006	0.1270	0.0120	0.0574	0.0061	106	4	124	12	506	234	103	9	143	9.6	469600	0.016	6.18	0.55	0.57	26.5	151.7	37.0	9210	0.35	49.7	113.3	0.44	13.95	6.33	4.61	
20171201_Cooper-98	240	7	Pbcor6/38	0.0379	0.0011	0.2630	0.0210	0.0497	0.0039	240	7	235	17	180	183	99	8	276	6.5	436400	Below LOD	7.54	0.80	0.70	45.5	234.1	53.6	8380	0.38	45.7	102.9	0.44	11.79	10.06	8.92	
20171201_Cooper-99	502	11	Pbcor6/38	0.0810	0.0018	0.6480	0.0250	0.0578	0.0017	502	11	506	15	521	65	100	4	134	10.1	433600	0.081	4.83	1.48	1.69	40.0	35.8	5.8	10080	0.24	21.8	322.7	0.07	1.46	4.76	4.31	
20171201_Cooper-101	266	6	Pbcor6/38	0.0420	0.0010	0.2890	0.0150	0.0496	0.0021	265	6	257	11	175	99	99	5	283	7.4	425800	0.048	17.28	4.56	1.88	135.2	402.0	80.0	7960	0.70	205.0	258.0	0.79	5.92	23.63	9.12	
20171201_Cooper-102	920	20	Pbcor6/38	0.1543	0.0039	1.5580	0.0590	0.0745	0.0017	928	20	951	24	1054	46	101	3	870	62.2	434200	1.780	39.90	23.60	7.40	172.0	423.0	78.9	11490	0.69	261.0	452.0	0.58	4.59	28.61	28.06	S
20171201_Cooper-103	98	4	Pbcor6/38	0.0153	0.0007	0.0990	0.0190	0.0451	0.0089	98	4	93	17	0	455	96	20	203	14.9	441500	0.017	11.79	2.07	1.21	77.9	233.3	47.2	9210	0.24	60.7	60.4	1.00	6.06	13.78	6.55	
20171201_Cooper-104	93	2	Pbcor6/38	0.0146	0.0004	0.1026	0.0055	0.0502	0.0024	94	2	99	5	203	111	99	5	675	4.2	434600	0.203	3.73	2.84	0.82	127.3	320.3	62.5	12590	0.67	58.0	626.0	0.09	4.91	20.55	21.77	S
20171201_Cooper-106	99	3	Pbcor6/38	0.0155	0.0005	0.0970	0.0110	0.0455	0.0049	99	3	93	10	0	265	100	11	115	5.2	424800	0.010	16.97	1.19	0.82	45.1	223.0	50.8	10630	0.36	136.2	172.0	0.79	11.26	10.17	3.70	
20171201_Cooper-107	619	16	Pbcor6/38	0.1007	0.0028	0.8180	0.0420	0.0602	0.0029	618	16	603	23	610	104	102	5	196	14.9	430000	0.560	43.70	3.71	1.09	64.6	151.7	28.3	9210	0.93	256.0	163.0	1.57	4.38	11.51	6.32	
20171201_Cooper-108	597	14	Pbcor6/38	0.0970	0.0023	0.8060	0.0290	0.0602	0.0017	597	14	599	16	610	61	100	4	259	5.3	432300	0.031	12.16	1.31	0.33	74.8	252.2	49.6	10500	1.98	110.5	362.6	0.30	6.63	13.62	8.35	
20171201_Cooper-109	89	3	Pbcor6/38	0.0140	0.0004	0.0941	0.0100	0.0488	0.0052	90	3	90	9	137	250	100	11	189	6.3	463200	0.035	11.93	0.60	0.66	46.8	331.1	82.8	10200	0.41	76.0	138.0	0.55	17.69	12.25	6.11	
20171201_Cooper-110	108	3	Pbcor6/38	0.0170	0.0005	0.1247	0.0100	0.0541	0.0042	109	3	118	9	374	175	102	7	218	3.7	438800	0.015	10.05	0.43	0.79	48.1	354.0	88.9	10260	0.37	56.4	208.7	0.27	18.48	12.74	7.02	
20171201_Cooper-111	613	15	Pbcor6/38	0.0998	0.0025	0.8220	0.0330	0.0602	0.0019	613	15	607	19	610	68	101	4	152	8.2	427100	0.218	34.24	3.06	1.30	36.4	105.8	20.9	9630	1.14	126.7	214.0	0.59	5.73	7.32	4.90	
20171201_Cooper-112	141	5	6/38	0.0221	0.0007	0.1590	0.0240	0.0566	0.0089	141	5	146	21	475	348	96	14	421	23.6	430000	1.940	11.40	4.19	0.56	56.8	232.0	47.8	8760	0.45	56.6	99.0	0.57	8.42	11.33	13.58	
20171201_Cooper-113	265	8	6/38	0.0417	0.0012	0.2990	0.0150	0.0529	0.0024	265	8	265	12	324	103	100	5	258	12.4	458500	0.269	15.18	3.38	0.72	108.4	347.0	67.3	10710	2.24	322.0	467.0	0.69	6.21	19.26	8.32	
20171201_Murchison-1	1118	57	7/6	0.1702	0.0047	1.8270	0.0750	0.0769	0.0022	1013	26	1053	27	1118	57	96	3	358	10.6	407400	0.065	44.50	2.60	0.75	92.3	363.0	75.0	9800	1.46	244.0	179.0	1.36	8.13	18.97	11.55	
20171201_Murchison-2	495	11	Pbcor6/38	0.0801	0.0018	0.6680	0.0240	0.0601	0.0016	497	11	519	14	606	58	99	3	215	5.4	422300	0.008	18.41	0.94	0.16	63.8	241.4	46.7	11510	1.63	248.3	447.9	0.55	7.33	12.26	6.94	
20171201_Murchison-3	495	11	Pbcor6/38	0.0800	0.0018	0.6520	0.0250	0.0589	0.0018	496	11	509	15	562	67	100	4	77	2.6	435400	0.226	5.85	1.49	0.34	17.2	112.7	29.6	11070	0.86	85.8	532.2	0.16	17.17	4.52	2.47	
20171201_Murchison-6	535	12	6/38	0.0866	0.0020	0.6950	0.0290	0.0589	0.0020	535	12	534	17	562	74	100	4	157	4.4	440700	0.024	9.37	0.49	0.17	25.2	110.5	23.3	11450	1.08	230.8	276.3	0.84	9.26	5.31	5.06	
20171201_Murchison-7	542	13	Pbcor6/38	0.0888	0.0023	0.8540	0.0520	0.0691	0.0036	548	13	626	27	901	107	99	4	351	15.4	408400	1.210	27.70	3.48	0.66	69.5	212.6	41.8	9410	1.43	165.9	149.9	1.11	6.01	12.87	11.32	
20171201_Murchison-8	694	16	Pbcor6/38	0.1144	0.0027	1.0710	0.0460	0.0680	0.0025	698	16	736	22	868	76	100	4	234	9.5	422500	0.058	8.07	1.14	0.29	42.5	138.8	26.3	10550	1.33	94.6	166.4	0.57	6.20	7.62	7.55	
20171201_Murchison-9	875	20	Pbcor6/38	0.1463	0.0035	1.4880	0.0550	0.0733	0.0021	880	20	924	22	1021	58	99	3	531	6.5	404500	1.380	10.52	6.55	0.69	94.9	235.3	45.0	7450	1.12	98.6	283.9	0.35	4.74	15.46	17.13	S
20171201_Murchison-11	1223	63	7/6	0.1687	0.0043	1.8780	0.0720	0.0811	0.0026	1005	24	1073	26	1223	63	94	3	272	7.3	424000	0.425	5.25	4.88	1.07	51.7	246.3	57.2	11000	1.27	30.1	204.0	0.15	11.06	11.13	8.77	
20171201_Murchison-12	2669	33	7/6	0.5010	0.0120	12.5400	0.3800	0.1818	0.0036	2617	50	2645	28	2669	33	99	2	200	20.3	438800	0.026	39.68	1.09	0.62	38.9	144.5	29.7	9650	0.95	101.7	133.2	0.76	7.63	8.55	6.46	
20171201_Murchison-13	1184	47	7/6	0.1741	0.0041	1.9170	0.0670	0.0795	0.0019	1035	23	1088	22	1184	47	95	3	363	11.9	409100	0.146	22.80	3.43	1.28	73.0	253.0	53.5	9590	0.93	154.0	261.2	0.59	7.33	14.13	11.71	
20171201_Murchison-20	503	11	Pbcor6/38	0.0816	0.0019	0.7050	0.0290	0.0626	0.0023	506	11	540	17	694	78	100	4	263	15.8	438400	0.142	17.33	4.02	0.51	104.3	236.0	43.3	9770	2.17	209.9	234.1	0.90	4.15	16.47	8.49	
20171201_Murchison-21	1287	42	7/6	0.1658	0.0038	1.8240	0.0580	0.0838	0.0018	989	21	1054	21	1287	42	94	3	380	23.1	431200	1.202	18.48	4.79	0.85	82.1	224.6	41.6	10960	1.57	340.7	516.3	0.66	5.07	13.98	12.26	
20171201_Murchison-22	2617	35	7/6	0.4992	0.0130	11.8600	0.3800	0.1762	0.0037	2609	56	2592	30	2617	35	101	2	239	13.3	460300	0.670	20.50	3.29	0.33	99.6	289.0	53.5	10930	1.56	190.0	190.0	1.00	5.37	17.14	7.71	
20171201_Murchison-23	458	13	Pbcor6/38	0.0745	0.0022	0.6520	0.0350	0.0652	0.0038	463	13	508	21	780	123	102	5	416	28.5	465400	0.510	31.72	4.10	0.97	105.7	310.8	60.2	10940	1.81	403.0	401.0	1.00	5.70	18.86	13.42	
20171201_Murchison-25	1141	59	7/6	0.1778	0.0041	1.9230	0.0720	0.0778	0.0023	1055	22	1091	23	1141	59	97	3	797	22.3	414900	0.104	1.35	2.42	0.42	107.4	161.6	29.7	10700	0.41	74.5	362.9	0.21	2.77	14.57	25.71	
20171201_Murchison-27	1057	135	7/6	0.1717	0.0049	1.7500	0.1200	0.0746	0.0050	1021	27	1011	45	1057	135	101	5	220	18.8	439400	Below LOD	29.03	1.31	0.42	44.3	141.4	28.9	8470	0.51	23.4	27.0	0.87	6.53	8.73	7.09	
20171201_Murchison-30	1186	42	7/6	0.1930	0.0045	2.1200	0.0680	0.0796	0.0017	1138	24	1154	22	1186	42	99	3	290	12.0	433400	0.049	7.73	2.09	0.49	94.4	257.0	48.2	10340	0.99	198.0	405.0	0.49	5.11	15.59	9.35	
20171201_Murchison-33	474	15	Pbcor6/38	0.0773	0.0025	0.7050	0.0240	0.0675	0.0021	480	15	541	15	852	65	102	4	420	17.2	440100	1.200	8.42	11.70	5.06	52.1	79.2	14.6	10520	1.62	78.3	612.0	0.13	2.80	7.54	13.55	
20171201_Murchison-34	501	12	Pbcor6/38	0.0819	0.0020	0.7630	0.0410	0.0675	0.0030	508	12	571	23	852	92	100	4	267	20.6	429900	0.128	29.40	1.75	0.46	57.4	198.4	38.5	9820	1.66	186.0	145.8	1.28	6.71	11.18	8.61	
20171201_Murchison-38	1450	63	7/6	0.2046	0.0049	2.5800	0.1100	0.0912	0.0030	1200	26	1294	31	1450	63	93	3	229	24.5	422600	2.960	18.34	4.56	0.34	86.9	243.0	46.9	9950	1.13	189.0	211.0	0.90	5.40	15.07	7.37	
20171201_Murchison-39	1154	51	7/6	0.1758	0.0040	1.8970	0.0650	0.0783	0.0020	1044	22	1078	23	1154	51	97	3	1025	16.9	429100	0.087	4.13	5.33	0.56	208.7	577.1	108.7	10210	0.72	182.9	282.8	0.65	5.21	34.22	33.06	S
20171201_Murchison-40	1151	51	7/6	0.1862	0.0044	1.9930	0.0770	0.0782	0.0020	1101	24	1110	26	1151	51	99	3	372	12.6	433700	1.290	25.50	13.70	2.20	110.0	202.0	37.2	10850	1.01	147.0	350.0	0.42	3.38	16.71	12.00	
20171201_Murchison-41	713	28	Pbcor6/38	0.1191	0.0048	1.3170	0.0820	0.0789	0.0026	724	28	843	37	1169	65	98	5	367	28.2	437700	1.050	23.50	11.08	2.77	72.1	275.8	64.7	11130	0.89	116.3	353.0	0.33	8.97	15.02	11.84	
20171201_Murchison-42	655	16	Pbcor6/38	0.1081	0.0027	1.0460	0.0430	0.0703	0.0024	662	16	725	21	936	70	100	3	312	9.3	416900	0.314	18.95	3.27	0.55	83.9	256.7	47.0	10690	3.97	127.5	157.9	0.81	5.60	14.68	10.05	
20171201_Murchison-43	1485	49	7/6	0.2125	0.0053	2.7470	0.0990	0.0929	0.0024	1242	28	1340	27	1485	49	93	3	416	19.1	450600	1.540	20.72	13.37	3.75	79.6	262.7	57.8	11010	1.55	138.3	313.9	0.44	7.26	15.34	13.42	
20171201_Murchison-45	2646	42	7/6	0.5220	0.0130	12.7300	0.4300	0.1793	0.0045	2707	55	2657	32	2646	42	102	2	264	27.5	443400	0.055	11.32	3.40	1.31	79.4	205.0	39.7	8780	0.59	48.7	35.5	1.37	5.00	13.22	8.50	
20171201_Murchison-46	1120	62	7/6	0.1757	0.0042	1.8440	0.0690	0.0770	0.0024	1043	23	1059	25	1120	62	98	3	178	9.1	450400	0.023	32.63	0.80	0.29	26.2	79.3	15.3	10310	1.21	134.4	146.7	0.92	5.83	5.54	5.74	
20171201_Murchison-48	2626	37	7/6	0.4994	0.0120	12.1000	0.3900	0.1772	0.0039	2610	51	2610	30	2626	37	100	2	240	18.7	445000	0.026	18.08	1.38	0.42	47.9	155.2	31.2	9380	0.63	71.5	71.0	1.01	6.51	9.03	7.74	
20171201_Murchison-49	1213	59	7/6	0.1809	0.0044	2.0310	0.0750	0.0807	0.0024	1072	24	1124	25	1213	59	95	3	341	11.9	430700	0.172	5.24	2.81	0.77	69.0	256.1	53.4	7160	0.50	56.2	163.1	0.34	7.74	13.03	11.00	
20171201_Murchison-50	2840	36	7/6	0.5173	0.0120	14.5100	0.4600	0.2018	0.0044	2687	53	2782	30	2840	36	97	2	417	8.5	442500	0.018	13.69	3.45	0.57	164.4	450.0	85.3	8610	1.24	78.6	118.7	0.66	5.19	27.28	13.46	
20171201_Murchison-51	942	41	6/38	0.1576	0.0073	1.6040	0.0810	0.0775	0.0020	942	41	966	32	1133	51	98	5	232	10.1	436700	0.257	11.28	2.44	0.71	37.1	139.3	28.2	11950	2.81	115.2	297.0	0.39	7.60	7.26	7.49	
20171201_Murchison-53	1310	48	7/6	0.1956	0.0046	2.5820	0.0780	0.0848	0.0021	1151	25	1198	24	1310	48	96	3	408	13.7	455700	1.620	29.00	9.20	1.80	124.6	362.0	67.6	11440	1.54	359.0	461.0	0.78	5.43	21.69	13.16	
20171201_Murchison-54	1054	70	7/6	0.1992	0.0048	2.0620	0.0890	0.0745	0.0026	1171	26	1132	29	1054	70	103	4	366	10.3	432500	0.006	34.60	1.14	0.74	100.1	384.0	77.5	9720	1.42	123.0	139.0	0.88	7.74	19.79	11.81	
20171201_Murchison-55	1261	43	7/6	0.1976	0.0045	2.2450	0.0730	0.0827	0.0018	1162	24	1194	23	1261	43	97	3	294	13.3	465100	0.604	16.79	3.38	0.68	59.1	257.9	51.9	12060	2.42	159.3	443.0	0.36	8.78	12.08	9.48	
20171201_Murchison-56	535	14	Pbcor6/38	0.0880	0.0023	0.8800	0.0400	0.0721	0.0025	544	14	639	21	988	71	99	4	429	6.6	425000	0.412	30.80	13.50	3.82	96.0	232.0	49.5	9340	0.82	143.0	549.0	0.26	5.16	16.79	13.84	
20171201_Murchison-57	432	14	6/38	0.0693	0.0024	0.4740	0.0350	0.0708	0.0052	432	14	389	24	951	150	111	8	296	22.5	439200	0.216	8.22	4.60	1.10	80.0	171.1	31.7	8180	0.83	55.4	53.8	1.03	3.96	12.32	9.55	
20171201_Murchison-61	428	11	Pbcor6/38	0.0694	0.0018	0.5880	0.0320	0.0641	0.0031	433	11	466	21	744	102	104	5	209	24.0	455700	0.069	10.33	1.81	0.52	43.8	130.2	25.1	10020	0.83	71.5	105.1	0.68	5.73	7.74	6.75	
20171201_Murchison-63	1174	53	7/6	0.1874	0.0042	2.0530	0.0710	0.0791	0.0021	1107	23	1132	24	1174	53	98	3	203	8.1	425800	0.020	13.76	0.83	0.14	36.2	110.4	21.8	11080	1.56	129.7	170.7	0.76	6.03	6.66	6.54	
20171201_Murchison-64	500	11	Pbcor6/38	0.0809	0.0019	0.6750	0.0270	0.0608	0.0019	502	11	523	16	631	67	100	4	442	17.8	455600	0.072	7.08	1.47	0.17	77.3	217.5	42.4	11120	0.85	158.5	365.7	0.43	5.48	13.07	14.26	
20171201_Murchison-65	1110	63	7/6	0.2089	0.0051	2.2150	0.0900	0.0766	0.0024	1223	27	1182	29	1110	63	103	3	262	14.1	445100	0.026	11.24	1.47	0.25	56.9	159.5	30.9	9990	0.97	128.7	143.0	0.90	5.43	9.80	8.45	
20171201_Murchison-71	2612	37	7/6	0.5097	0.0130	12.2800	0.4300	0.1757	0.0039	2654	57	2622	32	2612	37	101	3	156	3.4	436000	0.029	9.16	2.43	0.48	65.7	170.6	32.7	8880	0.77	75.6	82.3	0.92	4.98	10.89	5.03	
20171201_Murchison-72	483	11	Pbcor6/38	0.0778	0.0018	0.6210	0.0230	0.0578	0.0018	483	11	489	15	521	68	100	4	308	16.3	436800	0.169	37.90	8.44	3.44	166.0	360.0	67.9	9010	1.54	402.0	278.5	1.44	4.09	26.53	9.94	
20171201_Murchison-73	640	16	Pbcor6/38	0.1051	0.0027	0.9690	0.0530	0.0669	0.0033	644	16	688	29	834	103	100	5	274	19.8	459100	0.560	8.38	8.28	1.86	183.7	396.6	72.7	9060	1.66	91.2	92.3	0.99	3.96	27.90	8.85	
20171201_Murchison-74	2969	32	7/6	0.5433	0.0130	16.3400	0.5000	0.2185	0.0043	2796	54	2895	30	2969	32	97	2	120	5.7	459100	0.038	20.33	7.36	2.85	202.9	401.0	66.5	7130	0.91	76.6	116.6	0.66	3.28	29.55	3.88	
20171201_Murchison-75	1156	53	7/6	0.1888	0.0045	2.0490	0.0720	0.0784	0.0021	1115	24	1130	24	1156	53	99	3	254	17.8	438000	0.046	13.71	1.92	0.43	72.1	190.6	35.9	10400	0.69	222.0	179.1	1.24	4.98	12.08	8.21	
20171201_Murchison-77	502	13	Pbcor6/38	0.0818	0.0022	0.7200	0.0410	0.0663	0.0037	507	13	548	24	815	117	103	5	226	27.9	473400	0.317	25.93	2.15	0.67	45.2	149.1	30.5	11480	1.29	127.8	215.0	0.59	6.75	8.93	7.29	
20171201_Murchison-79	1171	53	7/6	0.2036	0.0047	2.2140	0.0770	0.0790	0.0021	1195	25	1183	24	1171	53	101	3	225	13.7	433000	0.037	8.58	1.79	0.28	81.2	236.7	44.7	9380	1.05	116.5	179.1	0.65	5.50	13.78	7.25	
20171201_Murchison-80	1166	45	7/6	0.1850	0.0041	2.0210	0.0660	0.0788	0.0018	1094	22	1121	22	1166	45	98	3	338	9.6	428600	0.033	22.97	2.91	0.39	89.4	253.5	48.5	10160	2.19	359.6	342.4	1.05	5.42	15.57	10.90	
20171201_Murchison-82	482	13	Pbcor6/38	0.0783	0.0022	0.6670	0.0370	0.0630	0.0031	486	13	516	23	707	105	102	5	134	27.5	439800	0.121	24.00	3.66	0.69	20.7	19.9	3.1	10190	0.70	124.3	131.0	0.95	1.49	3.20	4.32	
20171201_Murchison-85	638	15	Pbcor6/38	0.1055	0.0026	1.0610	0.0540	0.0727	0.0035	647	15	731	26	1005	98	99	4	418	9.8	426700	0.083	17.80	3.20	0.71	128.9	379.0	67.4	9300	7.76	200.0	241.0	0.83	5.23	21.69	13.48	
20171201_Murchison-92	866	23	Pbcor6/38	0.1454	0.0041	1.5790	0.0670	0.0778	0.0026	875	23	959	27	1141	66	99	4	405	25.1	422000	0.523	12.34	4.18	0.98	59.5	173.2	34.0	9490	1.22	112.3	245.2	0.46	5.72	10.47	13.06	
20171201_Murchison-93	1171	65	7/6	0.1851	0.0043	2.0290	0.0810	0.0790	0.0026	1095	24	1122	27	1171	65	98	3	195	15.0	448000	0.016	10.64	1.50	0.32	51.9	146.3	28.0	10040	0.65	101.1	92.9	1.09	5.40	8.93	6.28	
20171201_Murchison-95	1054	54	7/6	0.1683	0.0043	1.7640	0.0700	0.0745	0.0020	1002	24	1030	25	1054	54	97	3	375	6.3	433300	0.095	6.36	3.73	0.46	121.3	290.0	55.8	10320	1.33	189.1	230.0	0.82	4.60	19.27	12.10	
20171201_Murchison-98	482	13	Pbcor6/38	0.0784	0.0022	0.7130	0.0540	0.0651	0.0046	487	13	539	32	777	149	99	6	227	59.5	437200	0.036	30.90	2.56	1.39	40.5	78.5	14.9	8620	0.42	110.5	57.3	1.93	3.68	7.03	7.32	
20171201_Murchison-101	2682	32	7/6	0.4768	0.0110	12.1200	0.3700	0.1833	0.0036	2513	49	2613	29	2682	32	96	2	271	17.1	447500	0.074	24.24	1.87	0.66	58.5	187.3	38.4	9560	0.85	113.3	156.7	0.72	6.56	11.13	8.75	
20171201_Murchison-102	2041	34	7/6	0.3377	0.0075	5.9260	0.1800	0.1259	0.0024	1875	36	1964	26	2041	34	95	2	535	72.9	430200	1.950	55.50	18.86	4.56	138.5	378.0	73.0	9320	1.69	283.7	359.0	0.79	5.27	24.77	17.26	
20171201_Murchison-104	2689	30	7/6	0.5078	0.0130	13.0300	0.4200	0.1840	0.0033	2646	55	2680	30	2689	30	99	2	235	71.6	430000	1.210	40.70	13.50	2.49	84.4	284.0	56.8	10800	1.60	448.0	366.0	1.22	6.73	16.45	7.59	
20171201_Murchison-105	1517	48	7/6	0.2371	0.0058	3.1120	0.1100	0.0945	0.0024	1371	30	1434	27	1517	48	96	3	527	13.9	405200	0.175	24.26	4.23	1.66	107.5	374.0	75.8	8650	0.80	116.1	228.0	0.51	7.05	20.23	17.00	S
20171201_Murchison-107	1354	40	7/6	0.1995	0.0046	2.4280	0.0730	0.0868	0.0018	1173	25	1251	22	1354	40	94	3	422	23.0	440100	7.340	74.50	53.60	19.60	102.2	282.0	60.2	11270	1.03	487.0	872.0	0.56	5.89	20.72	13.61	
20171201_Murchison-108	1233	63	7/6	0.1749	0.0041	1.9940	0.0800	0.0815	0.0026	1039	23	1111	28	1233	63	94	3	647	22.7	448500	1.680	46.20	12.90	3.97	117.0	287.7	58.0	9330	0.58	307.0	219.0	1.40	4.96	20.54	20.87	S
20171201_Murchison-109	3266	29	7/6	0.6360	0.0140	23.2700	0.6900	0.2633	0.0048	3173	55	3238	29	3266	29	98	2	211	37.4	437500	0.054	9.07	0.89	0.25	50.7	157.7	31.1	9660	0.71	122.4	241.4	0.51	6.13	9.03	6.80	
20171201_Murchison-110	2617	35	7/6	0.5076	0.0120	12.4100	0.3900	0.1762	0.0037	2646	49	2634	30	2617	35	100	2	254	72.9	435800	0.162	16.40	2.74	0.55	63.1	187.3	36.8	9390	1.01	137.0	132.2	1.04	5.83	11.25	8.19	
20171201_Murchison-111	469	11	6/38	0.0755	0.0018	0.5970	0.0250	0.0585	0.0020	469	11	474	16	548	75	99	4	186	12.8	438500	0.041	19.27	1.72	0.47	33.8	116.8	22.7	10770	1.88	163.7	305.9	0.54	6.71	6.65	6.00	
20171201_Murchison-112	680	16	Pbcor6/38	0.1132	0.0027	1.2060	0.0460	0.0770	0.0025	691	16	802	21	1120	65	99	3	887	36.2	467000	4.750	38.20	16.70	1.91	136.8	410.3	80.5	13190	3.17	114.2	400.0	0.29	5.88	24.72	28.61	S
20171201_Murchison-113	2620	43	7/6	0.5070	0.0140	12.5200	0.4200	0.1766	0.0046	2643	59	2642	32	2620	43	100	3	360	12.3	418800	2.660	22.10	3.93	0.33	46.7	145.8	28.3	8960	0.74	78.5	82.1	0.96	6.06	8.85	11.61	
20171201_Murchison-114	1073	72	7/6	0.1848	0.0045	1.9150	0.0810	0.0752	0.0027	1093	25	1083	29	1073	72	101	4	264	15.9	466900	0.016	10.65	1.82	0.29	84.7	216.0	41.7	10870	1.08	128.7	126.0	1.02	4.92	13.95	8.51	
20171201_Murchison-115	855	21	Pbcor6/38	0.1426	0.0037	1.4370	0.0560	0.0721	0.0024	859	21	902	23	988	68	99	3	337	11.8	418200	0.172	9.90	2.70	0.60	76.0	213.2	39.3	9220	1.30	90.6	240.0	0.38	5.17	12.73	10.87	
20171201_Flinders-1	1795	46	7/6	0.3247	0.0086	4.8260	0.1600	0.1098	0.0028	1812	42	1788	28	1795	46	101	3	249	13.5	445000	2.120	14.70	6.20	0.74	79.4	224.2	42.6	9070	1.26	84.5	163.4	0.52	5.37	13.67	8.05	
20171201_Flinders-2	373	9	Pbcor6/38	0.0596	0.0015	0.4480	0.0250	0.0547	0.0027	373	9	374	18	399	111	100	5	334	8.9	454200	1.160	10.85	5.52	0.80	160.0	390.0	72.8	9720	0.88	143.4	226.0	0.63	4.55	25.46	10.76	
20171201_Flinders-3	549	12	Pbcor6/38	0.0891	0.0021	0.7300	0.0260	0.0598	0.0016	550	12	556	15	595	58	100	3	93	9.4	442900	0.013	0.87	0.21	0.08	8.5	54.7	12.7	8390	0.09	21.8	326.1	0.07	14.90	2.05	2.99	
20171201_Flinders-5	3609	29	7/6	0.5964	0.0140	19.3100	0.5900	0.3285	0.0063	3014	59	3057	30	3609	29	99	2	202	6.0	438500	0.057	7.66	1.25	0.61	47.7	189.5	40.3	9920	0.91	43.9	109.6	0.40	8.46	9.42	6.51	
20171201_Flinders-6	290	8	Pbcor6/38	0.0461	0.0012	0.3460	0.0230	0.0539	0.0034	291	8	300	17	366	142	99	6	334	15.7	440400	0.820	13.39	2.04	0.61	75.5	253.8	53.0	9440	0.49	152.9	185.0	0.83	7.02	14.07	10.77	
20171201_Flinders-7	96	4	Pbcor6/38	0.0152	0.0006	0.1150	0.0150	0.0550	0.0075	97	4	109	14	411	304	100	12	298	6.1	430500	0.094	10.44	1.67	1.21	65.3	281.9	65.0	9170	0.29	91.5	122.8	0.75	9.95	13.64	9.61	
20171201_Flinders-9	1738	48	7/6	0.3017	0.0079	4.4700	0.1600	0.1064	0.0028	1699	39	1722	30	1738	48	99	3	302	15.3	425000	0.534	7.41	3.21	0.82	98.7	276.6	53.7	8300	0.81	85.3	130.3	0.65	5.44	16.63	9.74	
20171201_Flinders-10	759	17	Pbcor6/38	0.1254	0.0029	1.1810	0.0450	0.0678	0.0021	762	17	790	21	862	64	99	3	444	9.0	428000	0.100	7.09	4.13	0.46	135.0	318.6	59.7	8240	0.95	96.7	180.8	0.53	4.42	21.19	14.32	
20171201_Flinders-11	105	3	Pbcor6/38	0.0164	0.0005	0.1130	0.0100	0.0510	0.0046	105	3	108	9	240	208	102	9	1230	8.1	468800	7.500	35.80	15.10	0.61	71.3	368.0	80.9	11450	0.48	304.0	356.0	0.85	11.35	16.66	39.68	
20171201_Flinders-12	260	7	Pbcor6/38	0.0412	0.0012	0.2870	0.0140	0.0513	0.0022	260	7	256	11	253	99	101	5	221	9.0	482400	0.065	20.20	1.70	1.13	73.1	359.0	80.7	11930	0.81	227.0	386.0	0.59	11.04	16.12	7.13	
20171201_Flinders-15	1789	43	7/6	0.3201	0.0074	4.8470	0.1600	0.1094	0.0026	1790	36	1791	28	1789	43	100	3	217	13.9	435100	0.014	5.09	2.46	0.79	126.1	319.0	59.7	8820	1.29	89.3	145.3	0.61	4.73	20.17	6.99	
20171201_Flinders-16	1324	61	7/6	0.2254	0.0056	2.6640	0.1100	0.0854	0.0027	1310	30	1314	30	1324	61	100	3	420	14.7	429200	0.072	16.90	2.02	0.63	106.2	363.0	70.7	7820	1.02	44.8	93.9	0.48	6.66	19.35	13.55	
20171201_Flinders-17	108	4	Pbcor6/38	0.0170	0.0006	0.1230	0.0130	0.0530	0.0056	109	4	116	11	328	240	101	9	152	8.1	467100	0.029	11.91	0.74	0.65	33.7	190.4	44.7	10530	0.45	109.7	190.9	0.57	13.26	8.03	4.90	
20171201_Flinders-18	98	3	Pbcor6/38	0.0156	0.0005	0.1260	0.0120	0.0601	0.0060	100	3	119	11	606	216	103	8	390	32.3	450500	0.381	15.67	2.55	1.32	175.0	549.0	109.5	9860	0.73	115.9	155.2	0.75	6.26	30.88	12.58	
20171201_Flinders-19	128	4	Pbcor6/38	0.0201	0.0006	0.1360	0.0120	0.0492	0.0042	128	4	128	10	156	200	100	8	313	9.0	433300	0.036	14.78	1.95	0.63	102.5	418.0	86.6	8770	0.86	131.2	158.9	0.83	8.45	20.15	10.11	
20171201_Flinders-20	96	3	Pbcor6/38	0.0152	0.0004	0.1153	0.0094	0.0564	0.0045	97	3	110	9	467	177	102	7	196	14.4	452500	0.065	17.20	2.26	1.21	70.3	277.1	58.7	9980	0.52	160.5	219.2	0.73	8.35	14.03	6.32	
20171201_Flinders-21	391	27	Pbcor6/38	0.0627	0.0044	0.4870	0.0410	0.0557	0.0021	391	27	397	27	439	84	99	10	301	9.1	438600	0.059	19.60	2.12	0.91	85.5	307.0	62.8	10360	0.95	225.0	390.0	0.58	7.35	16.30	9.71	
20171201_Flinders-22	117	4	6/38	0.0183	0.0007	0.1240	0.0180	0.0500	0.0073	117	4	116	16	194	340	101	14	471	8.2	454900	0.010	8.67	1.64	1.69	102.6	500.0	113.2	8520	0.32	31.5	59.0	0.53	11.03	21.96	15.18	
20171201_Flinders-23	96	3	Pbcor6/38	0.0151	0.0004	0.1187	0.0090	0.0560	0.0039	97	3	113	8	451	155	98	7	152	6.6	452200	0.068	14.02	0.94	0.72	34.1	216.8	57.0	10610	0.25	109.1	227.5	0.48	16.72	8.92	4.90	
20171201_Flinders-25	100	3	Pbcor6/38	0.0158	0.0005	0.1340	0.0180	0.0584	0.0069	101	3	126	16	544	258	94	11	256	5.9	428000	0.126	5.83	1.95	0.64	111.8	331.2	65.3	8390	0.66	68.5	124.4	0.55	5.84	19.15	8.26	
20171201_Flinders-26	1558	37	7/6	0.2865	0.0073	3.8450	0.1300	0.0965	0.0019	1623	36	1600	27	1558	37	101	3	969	7.7	431200	Below LOD	0.63	0.85	0.07	145.2	478.6	91.6	11650	0.74	44.0	492.0	0.09	6.31	25.19	31.26	S
20171201_Flinders-27	295	8	6/38	0.0469	0.0013	0.3340	0.0250	0.0535	0.0038	295	8	290	19	349	161	102	7	180	7.7	437000	0.650	19.97	6.75	2.17	172.6	434.0	82.8	8580	0.78	150.7	178.3	0.85	4.80	28.21	5.81	
20171201_Flinders-29	306	9	Pbcor6/38	0.0492	0.0014	0.4290	0.0350	0.0636	0.0050	310	9	359	24	727	167	100	6	449	27.1	417500	3.460	18.90	12.00	2.48	71.9	195.7	39.5	6900	1.57	59.1	113.2	0.52	5.49	12.77	14.48	
20171201_Flinders-30	591	16	6/38	0.0960	0.0026	0.8170	0.0650	0.0625	0.0050	591	16	594	36	690	171	99	7	245	11.0	436400	Below LOD	25.74	1.37	0.38	42.2	130.8	26.5	9940	0.60	112.0	42.6	2.63	6.28	8.16	7.91	
20171201_Flinders-31	676	16	Pbcor6/38	0.1108	0.0028	0.9700	0.0550	0.0636	0.0034	677	16	682	29	727	113	100	5	202	13.4	432800	0.044	6.02	2.01	0.39	84.1	219.7	41.2	7440	1.73	45.0	91.0	0.49	4.90	13.68	6.51	
20171201_Flinders-33	1580	38	7/6	0.2793	0.0062	3.7390	0.1200	0.0977	0.0020	1588	31	1579	25	1580	38	101	3	400	18.6	451700	0.229	28.87	2.87	1.32	107.1	380.2	77.8	10660	1.97	193.0	294.0	0.66	7.26	20.50	12.90	
20171201_Flinders-34	1107	86	7/6	0.1786	0.0046	1.8800	0.0930	0.0765	0.0033	1059	25	1067	33	1107	86	99	4	231	12.8	447500	0.041	5.98	5.18	1.03	122.3	253.0	47.8	8200	0.24	59.7	72.8	0.82	3.91	18.50	7.46	
20171201_Flinders-35	386	9	Pbcor6/38	0.0619	0.0015	0.4850	0.0200	0.0574	0.0019	387	9	401	13	506	73	101	4	409	30.7	472200	0.740	28.20	9.50	2.27	122.1	375.0	76.0	10740	1.49	435.0	629.0	0.69	6.22	22.15	13.19	
20171201_Flinders-36	875	20	Pbcor6/38	0.1457	0.0035	1.4170	0.0520	0.0705	0.0019	877	20	894	22	942	55	100	3	548	24.2	450100	0.333	24.30	3.53	1.63	272.0	807.0	157.8	9430	2.45	113.2	279.0	0.41	5.80	46.82	17.68	
20171201_Flinders-37	1515	46	7/6	0.2686	0.0062	3.4800	0.1200	0.0944	0.0023	1533	32	1523	27	1515	46	101	3	189	21.4	440600	0.057	18.03	0.70	0.55	34.2	159.5	34.7	9730	0.97	133.5	144.9	0.92	10.14	7.61	6.08	
20171201_Flinders-39	1509	50	7/6	0.2369	0.0061	3.1010	0.1100	0.0941	0.0025	1370	32	1430	28	1509	50	96	3	393	17.6	415500	0.858	40.10	10.60	1.91	63.2	188.6	37.8	8860	1.15	232.3	179.6	1.29	5.98	12.22	12.68	
20171201_Flinders-40	102	3	Pbcor6/38	0.0161	0.0005	0.1350	0.0140	0.0605	0.0063	103	3	127	13	621	224	100	9	455	20.5	434000	0.077	16.69	1.04	0.82	84.9	445.6	102.5	9340	1.04	77.7	151.8	0.51	12.07	19.08	14.68	
20171201_Flinders-41	1780	40	7/6	0.2921	0.0073	4.1930	0.1400	0.1089	0.0024	1651	36	1671	27	1780	40	99	3	225	16.4	444900	0.036	6.21	1.73	0.33	77.5	211.1	40.2	8790	1.24	79.5	179.3	0.44	5.19	12.85	7.25	
20171201_Flinders-42	101	4	Pbcor6/38	0.0160	0.0006	0.1250	0.0140	0.0571	0.0060	102	4	118	12	494	232	101	9	173	11.3	434900	0.019	10.17	1.84	1.05	43.1	168.8	37.2	8800	0.22	82.8	110.1	0.75	8.63	8.69	5.59	
20171201_Flinders-44	102	3	6/38	0.0160	0.0005	0.1070	0.0130	0.0495	0.0061	102	3	102	12	171	288	100	12	211	4.7	458100	0.078	19.75	1.29	0.94	49.3	277.1	63.6	10080	0.47	105.4	227.2	0.46	12.90	11.71	6.82	
20171201_Flinders-46	1885	39	7/6	0.3224	0.0073	5.1490	0.1700	0.1154	0.0025	1801	36	1843	28	1885	39	98	2	289	21.4	446900	0.371	17.77	3.87	0.94	57.3	169.6	33.5	9360	0.77	112.3	161.6	0.69	5.85	10.34	9.31	
20171201_Flinders-49	310	7	Pbcor6/38	0.0493	0.0012	0.3620	0.0180	0.0534	0.0024	310	7	313	13	345	102	100	5	332	7.4	437700	0.150	18.64	2.73	0.92	132.4	443.0	89.5	9300	1.11	190.3	284.2	0.67	6.76	24.17	10.71	
20171201_Flinders-50	1625	43	7/6	0.2957	0.0069	4.0210	0.1300	0.1001	0.0023	1670	34	1637	27	1625	43	102	3	207	10.0	455200	0.600	10.63	6.80	1.80	173.3	433.1	81.7	8910	1.09	169.6	238.6	0.71	4.71	27.85	6.68	
20171201_Flinders-51	2260	35	7/6	0.4052	0.0092	7.9300	0.2700	0.1427	0.0029	2193	43	2221	32	2260	35	99	2	579	11.4	474300	0.062	4.30	1.77	0.15	102.8	159.5	27.4	12080	0.67	74.6	230.0	0.32	2.66	13.89	18.68	
20171201_Flinders-52	95	3	Pbcor6/38	0.0152	0.0005	0.1320	0.0130	0.0636	0.0063	97	3	124	12	727	210	101	8	189	9.5	456700	0.014	14.47	0.81	0.65	32.9	170.5	40.2	9650	0.33	122.0	129.1	0.95	12.22	7.71	6.10	
20171201_Flinders-55	271	7	Pbcor6/38	0.0436	0.0012	0.3770	0.0250	0.0631	0.0041	275	7	322	19	711	138	101	6	359	18.0	446100	0.043	1.39	1.12	0.26	74.9	276.6	58.7	8930	0.39	52.7	160.6	0.33	7.84	14.04	11.58	
20171201_Flinders-57	111	3	Pbcor6/38	0.0174	0.0005	0.1248	0.0072	0.0523	0.0030	111	3	119	7	298	131	100	6	293	22.9	449500	0.056	12.80	6.49	0.95	163.3	401.6	76.8	9950	0.50	334.0	375.8	0.89	4.70	26.28	9.44	
20171201_Flinders-58	457	11	Pbcor6/38	0.0739	0.0019	0.6040	0.0310	0.0603	0.0030	459	11	478	20	613	107	101	5	295	12.3	468100	0.231	19.50	4.70	2.04	63.2	294.0	66.9	9690	0.71	183.9	276.8	0.66	10.59	13.84	9.52	
20171201_Flinders-59	1161	166	7/6	0.1945	0.0054	2.0800	0.1700	0.0786	0.0066	1145	29	1121	56	1161	166	102	6	494	30.0	450400	0.073	7.48	4.54	1.09	127.9	290.0	54.5	9440	0.77	11.2	16.4	0.68	4.26	19.90	15.95	
20171201_Flinders-60	318	9	6/38	0.0505	0.0015	0.3430	0.0190	0.0697	0.0035	318	9	300	15	919	103	106	6	466	27.9	377500	0.487	18.40	4.58	1.90	77.6	322.0	67.8	8290	0.78	118.0	210.0	0.56	8.74	15.73	15.03	S
20171201_Flinders-63	90	3	6/38	0.0141	0.0004	0.0947	0.0057	0.0502	0.0028	90	3	92	5	203	129	98	6	229	50.1	439700	0.285	16.79	1.59	1.86	108.7	623.0	138.3	9680	2.74	116.9	550.0	0.21	12.72	24.78	7.40	
20171201_Flinders-67	843	19	Pbcor6/38	0.1421	0.0034	1.6220	0.0580	0.0821	0.0021	856	19	980	21	1247	50	99	3	965	34.3	438000	3.150	39.80	35.10	22.80	273.0	483.0	94.8	10330	0.54	361.7	409.1	0.88	3.47	41.53	31.13	
20171201_Flinders-68	1743	43	7/6	0.3164	0.0073	4.6460	0.1600	0.1067	0.0025	1772	36	1756	28	1743	43	101	3	231	22.6	453400	0.309	7.86	7.15	1.35	172.1	388.0	71.7	8690	0.98	106.9	163.7	0.65	4.17	26.53	7.45	
20171201_Flinders-69	110	3	Pbcor6/38	0.0172	0.0005	0.1246	0.0059	0.0523	0.0022	110	3	119	5	298	96	100	5	888	22.8	421700	2.010	89.50	24.70	8.10	577.7	1585.0	292.1	8990	2.43	1665.0	1231.0	1.35	5.06	96.74	28.65	
20171201_Flinders-70	98	3	Pbcor6/38	0.0154	0.0005	0.1160	0.0110	0.0546	0.0049	99	3	111	10	395	202	100	8	118	10.0	455400	0.109	6.72	0.64	0.66	27.8	287.2	82.0	9317	0.16	71.7	329.0	0.22	29.55	9.00	3.81	
20171201_Flinders-71	366	9	Pbcor6/38	0.0584	0.0014	0.4290	0.0200	0.0530	0.0022	366	9	361	14	328	94	100	5	162	3.9	444100	0.250	20.44	1.77	0.98	50.4	248.3	57.4	10340	0.76	271.0	431.0	0.63	11.39	11.47	5.24	
20171201_Flinders-76	933	26	7/6	0.1599	0.0046	1.5450	0.0910	0.0702	0.0035	956	26	950	34	933	102	101	5	223	9.2	411500	0.026	3.92	0.69	0.36	57.5	185.0	36.3	9000	1.49	16.7	67.4	0.25	6.31	10.13	7.19	
20171201_Flinders-77	2472	34	7/6	0.3704	0.0092	6.0000	0.2000	0.1616	0.0033	2031	43	1974	30	2472	34	103	3	1429	19.5	448700	2.920	21.20	27.70	15.25	295.0	577.0	111.3	10590	0.38	99.9	303.0	0.33	3.77	44.89	46.10	S
20171201_Flinders-78	364	9	Pbcor6/38	0.0584	0.0015	0.4730	0.0280	0.0574	0.0030	366	9	391	19	506	115	98	5	484	38.1	448800	0.083	5.15	2.17	0.46	119.2	341.0	65.1	9910	1.31	94.2	200.5	0.47	5.46	19.94	15.61	
20171201_Flinders-80	259	7	Pbcor6/38	0.0412	0.0011	0.3240	0.0190	0.0556	0.0033	260	7	284	15	435	132	98	5	265	50.0	487900	0.380	17.83	3.39	0.65	87.1	372.0	74.9	12360	1.98	226.4	546.0	0.41	8.60	17.42	8.55	
20171201_Flinders-81	878	23	Pbcor6/38	0.1467	0.0040	1.4840	0.0540	0.0731	0.0019	882	23	922	22	1016	53	100	3	456	15.4	425000	2.380	26.49	10.84	2.97	84.4	263.9	54.5	10000	0.89	189.5	337.0	0.56	6.46	15.83	14.71	
20171201_Flinders-83	136	4	6/38	0.0214	0.0006	0.1476	0.0098	0.0702	0.0046	136	4	139	9	933	134	98	7	473	74.6	438100	0.554	17.86	6.54	1.66	171.8	500.0	99.7	8390	0.26	498.0	377.0	1.32	5.80	29.69	15.26	
20171201_Flinders-84	563	13	Pbcor6/38	0.0911	0.0022	0.7330	0.0330	0.0577	0.0022	562	13	556	19	517	84	99	4	337	11.1	436300	0.014	1.52	0.79	0.10	48.2	102.8	19.4	11570	0.31	34.8	158.1	0.22	4.02	7.32	10.86	
20171201_Flinders-85	580	14	Pbcor6/38	0.0945	0.0024	0.8180	0.0410	0.0630	0.0031	582	14	609	23	707	105	100	4	252	10.7	443200	0.025	24.19	1.69	0.34	48.0	139.9	27.4	11020	0.64	195.9	105.1	1.86	5.70	8.89	8.14	
20171201_Flinders-86	166	6	Pbcor6/38	0.0264	0.0010	0.2160	0.0210	0.0582	0.0059	168	6	197	18	536	222	98	8	336	13.0	465100	0.370	22.46	1.91	0.68	75.2	323.2	68.5	9840	0.48	139.6	151.5	0.92	9.11	15.58	10.84	
20171201_Flinders-87	1541	41	7/6	0.2372	0.0054	3.1880	0.0990	0.0957	0.0021	1372	28	1454	24	1541	41	94	2	520	19.5	421400	8.350	49.60	46.00	7.04	132.8	282.0	56.4	11360	1.43	159.0	431.8	0.37	4.25	22.52	16.77	
20171201_Flinders-89	275	8	Pbcor6/38	0.0443	0.0013	0.4090	0.0250	0.0665	0.0040	280	8	346	18	821	126	99	5	413	27.5	458100	0.379	5.51	4.27	0.83	122.0	315.9	60.4	9090	0.80	122.9	257.0	0.48	4.95	19.82	13.32	
20171201_Flinders-91	887	21	Pbcor6/38	0.1497	0.0036	1.6150	0.0650	0.0813	0.0026	901	21	973	25	1228	63	103	3	422	33.7	446100	0.602	49.10	5.90	2.04	95.8	309.8	62.1	9330	1.24	191.5	201.1	0.95	6.48	18.52	13.61	
20171201_Flinders-96	1689	41	7/6	0.2710	0.0070	3.8630	0.1300	0.1036	0.0023	1546	35	1605	28	1689	41	96	3	539	55.6	413000	3.950	50.40	14.00	6.00	112.5	336.0	66.1	10280	3.35	187.3	335.0	0.56	5.88	21.10	17.39	S
20171201_Flinders-97	1601	49	7/6	0.2465	0.0059	3.4230	0.1200	0.0988	0.0026	1420	30	1508	27	1601	49	94	3	395	19.0	429500	2.870	26.00	26.50	5.21	129.0	308.0	57.6	7840	0.90	173.9	219.3	0.79	4.47	21.20	12.74	
20171201_Flinders-99	172	6	Pbcor6/38	0.0273	0.0009	0.1980	0.0200	0.0545	0.0061	173	6	182	16	391	252	103	9	96	18.0	472600	0.031	16.13	0.94	0.72	22.5	73.2	15.0	9520	0.30	87.1	110.4	0.79	6.65	4.54	3.08	
20171201_Flinders-100	701	18	Pbcor6/38	0.1166	0.0031	1.2410	0.0510	0.0758	0.0024	711	18	818	23	1089	63	98	3	947	33.9	457400	1.140	6.34	5.57	0.92	159.2	401.9	76.2	10660	0.77	105.1	305.6	0.34	4.79	25.58	30.55	S
20171201_Flinders-107	1057	62	7/6	0.1807	0.0044	1.8700	0.0720	0.0746	0.0023	1071	24	1067	25	1057	62	100	3	509	17.8	429900	0.110	2.22	2.33	0.29	95.0	282.8	56.5	8920	0.33	60.9	115.4	0.53	5.95	16.26	16.41	S
20171201_Flinders-108	104	4	Pbcor6/38	0.0165	0.0006	0.1310	0.0120	0.0586	0.0055	105	4	123	11	551	204	102	8	277	15.0	448000	0.051	22.50	5.66	2.74	159.0	440.0	86.6	8965	0.34	308.0	191.0	1.61	5.45	27.16	8.94	
20171201_Flinders-109	107	3	Pbcor6/38	0.0168	0.0005	0.1190	0.0120	0.0518	0.0052	108	3	113	11	276	230	101	10	162	10.4	460900	0.061	6.83	1.02	0.65	42.1	216.6	49.2	10610	0.27	100.0	172.0	0.58	11.69	9.31	5.24	
20171201_Flinders-110	275	7	Pbcor6/38	0.0437	0.0012	0.3250	0.0240	0.0533	0.0036	276	7	284	18	341	153	99	7	889	26.3	426700	0.236	4.14	5.29	0.84	154.2	402.0	78.8	9150	0.53	75.7	200.7	0.38	5.11	25.19	28.68	S
20171201_Flinders-111	271	7	Pbcor6/38	0.0431	0.0010	0.3210	0.0150	0.0538	0.0021	272	7	282	11	362	88	100	4	332	16.2	448400	0.776	10.67	3.42	0.27	141.7	389.5	74.0	10250	1.75	216.4	413.5	0.52	5.22	23.54	10.70	
20171201_Flinders-112	1892	50	7/6	0.2604	0.0071	3.0390	0.1100	0.1158	0.0032	1491	36	1415	28	1892	50	105	3	594	56.3	447300	2.180	22.90	15.40	2.98	120.7	309.0	58.8	8970	0.38	185.6	264.7	0.70	4.87	20.23	19.16	S
20171201_Flinders-114	1136	59	7/6	0.1752	0.0041	1.8670	0.0690	0.0776	0.0023	1040	23	1069	25	1136	59	97	3	289	27.5	467500	0.090	8.40	3.88	1.06	76.8	175.2	34.5	8050	0.49	52.2	125.0	0.42	4.49	12.29	9.34	
20171201_Flinders-116	315	8	Pbcor6/38	0.0505	0.0013	0.4230	0.0240	0.0607	0.0031	318	8	356	17	628	110	100	5	391	13.1	456400	0.100	14.87	1.82	1.17	90.5	441.0	100.9	9200	0.40	130.7	193.3	0.68	11.15	19.68	12.62	
20171201_Flinders-121	263	7	Pbcor6/38	0.0419	0.0011	0.3270	0.0180	0.0568	0.0029	264	7	286	14	483	113	100	5	1152	14.6	461000	0.016	2.42	2.56	0.17	205.1	680.4	133.1	11290	0.79	106.7	268.7	0.40	6.49	36.02	37.16	S
20171201_Flinders-125	319	8	Pbcor6/38	0.0510	0.0012	0.4080	0.0220	0.0578	0.0026	321	8	345	16	521	99	100	5	496	28.3	430700	0.530	21.10	4.17	0.88	137.0	383.0	74.5	8920	0.58	419.0	364.0	1.15	5.44	23.42	16.00	
20171201_Flinders-126	99	4	Pbcor6/38	0.0158	0.0007	0.1310	0.0160	0.0628	0.0078	101	4	123	14	701	264	106	10	171	9.7	471100	0.137	16.82	1.06	0.73	34.9	151.9	34.0	10430	0.25	95.6	119.7	0.80	9.74	7.62	5.52	
20171201_Flinders-127	104	3	Pbcor6/38	0.0163	0.0005	0.1139	0.0082	0.0507	0.0035	105	3	109	7	226	160	100	7	256	15.4	439400	0.075	5.27	0.97	0.35	68.9	336.0	71.8	10430	0.93	101.7	314.5	0.32	10.42	14.41	8.26	
20171201_Flinders-128	776	18	Pbcor6/38	0.1290	0.0032	1.2950	0.0430	0.0721	0.0015	782	18	843	19	988	42	99	3	708	33.2	452100	0.667	8.43	4.62	1.11	118.6	330.0	61.3	12240	1.81	98.1	688.0	0.14	5.17	19.65	22.84	S
20171201_Flinders-129	272	7	Pbcor6/38	0.0435	0.0011	0.3540	0.0200	0.0579	0.0026	274	7	306	15	525	98	98	5	1740	48.3	462700	0.214	2.40	3.76	0.38	313.0	1056.0	205.0	11750	0.72	133.0	438.0	0.30	6.55	55.10	56.13	S
20171201_Flinders-130	580	16	6/38	0.0941	0.0027	0.6780	0.0380	0.0750	0.0040	580	16	527	21	1068	107	110	5	377	24.5	438700	0.124	14.64	3.81	1.01	92.7	259.0	51.7	8680	1.19	87.1	105.7	0.82	5.58	15.99	12.16	
20171201_Belyando-1	389	11	6/38	0.0623	0.0018	0.4710	0.0240	0.0540	0.0021	389	11	391	16	370	88	100	5	564	7.6	425200	0.120	25.10	2.89	1.45	120.0	486.0	105.5	9760	1.28	241.0	348.0	0.69	8.79	24.20	18.19	
20171201_Belyando-2	703	16	Pbcor6/38	0.1151	0.0028	0.9930	0.0320	0.0623	0.0013	702	16	700	16	685	45	100	3	264	4.0	435200	0.089	4.54	3.44	0.44	178.0	531.0	104.5	8640	0.55	132.3	785.0	0.17	5.87	30.35	8.52	
20171201_Belyando-3	490	17	6/38	0.0791	0.0028	0.6090	0.0280	0.0583	0.0018	490	17	482	18	540	68	102	5	1453	8.2	482200	0.060	4.10	1.27	0.17	263.0	1037.0	198.0	12470	1.25	130.7	681.0	0.19	7.53	48.57	46.87	S
20171201_Belyando-4	478	11	Pbcor6/38	0.0770	0.0019	0.6110	0.0280	0.0579	0.0025	478	11	485	19	525	95	100	4	205	9.2	442700	0.035	8.70	0.76	0.41	44.8	200.2	43.1	9980	0.72	75.5	128.6	0.59	9.62	9.29	6.63	
20171201_Belyando-5	1102	47	7/6	0.1864	0.0048	1.9570	0.0720	0.0763	0.0018	1101	26	1099	24	1102	47	100	3	1286	16.9	433600	0.490	20.10	7.00	1.16	231.0	616.0	113.0	10700	0.55	245.0	401.0	0.61	4.89	37.69	41.48	S
20171201_Belyando-6	570	14	6/38	0.0924	0.0023	0.7620	0.0410	0.0611	0.0029	570	14	575	25	642	102	99	5	510	12.7	441000	1.530	18.30	9.30	2.13	77.0	146.0	27.3	8940	0.73	65.2	126.7	0.51	3.55	11.91	16.45	
20171201_Belyando-7	471	12	Pbcor6/38	0.0758	0.0020	0.5860	0.0370	0.0562	0.0034	471	12	464	24	459	134	100	6	231	10.5	449300	Below LOD	9.83	1.51	0.71	76.0	227.0	44.7	9780	0.56	78.6	93.9	0.84	5.88	13.21	7.46	
20171201_Belyando-8	1745	41	7/6	0.3111	0.0070	4.5980	0.1500	0.1068	0.0024	1746	35	1747	27	1745	41	100	3	421	10.5	456300	0.012	14.38	3.18	0.53	115.6	303.8	58.5	10030	0.86	164.7	170.4	0.97	5.06	19.20	13.58	
20171201_Belyando-9	506	12	Pbcor6/38	0.0815	0.0021	0.6390	0.0330	0.0562	0.0025	505	12	500	20	459	99	99	5	313	9.3	441200	0.099	15.32	3.21	0.51	89.3	232.0	44.2	10280	0.89	230.0	266.0	0.86	4.95	14.88	10.10	
20171201_Belyando-10	312	7	Pbcor6/38	0.0496	0.0012	0.3560	0.0190	0.0522	0.0025	312	7	307	14	293	109	100	5	197	9.3	446500	0.026	5.31	3.10	0.76	101.1	302.0	60.7	7930	0.52	116.0	260.0	0.45	6.00	17.47	6.35	
20171201_Belyando-11	1467	111	7/6	0.1660	0.0130	2.1800	0.2200	0.0920	0.0054	982	72	1121	82	1467	111	88	9	619	13.8	439900	1.930	26.70	8.80	1.94	90.9	303.8	66.8	9750	0.66	159.3	339.0	0.47	7.35	17.62	19.97	S
20171201_Belyando-12	473	14	Pbcor6/38	0.0769	0.0024	0.6920	0.0640	0.0656	0.0058	478	14	527	36	793	185	100	7	320	13.0	472000	0.020	21.30	2.49	1.41	100.0	311.0	63.0	10820	0.55	110.0	117.9	0.93	6.30	18.11	10.32	
20171201_Belyando-13	259	7	Pbcor6/38	0.0411	0.0011	0.2970	0.0240	0.0524	0.0043	260	7	262	19	302	187	100	8	185	10.4	447200	0.092	22.20	1.99	1.18	62.5	214.0	43.5	9580	0.44	133.0	164.0	0.81	6.96	11.99	5.97	
20171201_Belyando-14	435	12	Pbcor6/38	0.0707	0.0020	0.6520	0.0580	0.0654	0.0061	440	12	503	37	786	196	98	7	245	13.7	426300	0.049	15.22	0.69	0.47	41.9	174.7	38.3	9040	0.50	81.3	93.9	0.87	9.15	8.78	7.91	
20171201_Belyando-16	564	14	Pbcor6/38	0.0918	0.0024	0.7870	0.0460	0.0618	0.0036	566	14	591	28	666	125	99	5	469	8.4	442300	0.238	33.20	5.96	1.07	187.0	497.0	94.2	12470	2.54	427.0	449.0	0.95	5.04	31.36	15.13	
20171201_Belyando-18	251	7	Pbcor6/38	0.0399	0.0010	0.3020	0.0230	0.0536	0.0040	252	7	267	18	353	169	98	7	451	7.6	476800	0.073	21.10	2.76	1.13	130.1	495.0	97.8	11470	1.05	262.0	452.0	0.58	7.52	24.69	14.55	
20171201_Belyando-22	408	10	Pbcor6/38	0.0661	0.0017	0.5980	0.0530	0.0632	0.0055	412	10	470	33	714	185	96	7	744	7.2	446000	0.216	3.54	0.82	0.22	103.5	433.0	87.8	11030	0.84	58.3	213.5	0.27	8.48	19.99	24.00	S
20171201_Belyando-23	314	7	Pbcor6/38	0.0500	0.0012	0.3890	0.0260	0.0544	0.0036	315	7	332	19	387	149	97	6	686	11.0	458600	0.096	25.04	3.35	1.94	164.9	585.0	120.9	10750	1.31	207.2	288.4	0.72	7.33	31.00	22.13	
20171201_Belyando-25	437	11	Pbcor6/38	0.0705	0.0018	0.6080	0.0380	0.0604	0.0039	439	11	480	24	617	139	97	5	1005	21.9	437900	0.040	1.16	1.61	0.17	144.4	341.0	65.4	10840	0.44	53.2	260.0	0.20	4.53	22.61	32.42	
20171201_Belyando-26	410	9	Pbcor6/38	0.0659	0.0016	0.5440	0.0340	0.0582	0.0037	412	9	440	22	536	139	98	5	1272	7.8	462300	0.120	2.99	2.32	0.35	225.2	718.0	139.1	10810	0.62	106.7	311.0	0.34	6.18	38.94	41.03	S
20171201_Belyando-28	708	50	Pbcor6/38	0.1169	0.0086	1.1700	0.1200	0.0682	0.0040	708	50	758	56	874	121	95	10	530	11.2	448500	1.300	18.10	10.70	2.31	69.8	305.0	64.6	10590	1.32	110.0	334.0	0.33	9.26	14.53	17.10	S
20171201_Belyando-29	239	7	Pbcor6/38	0.0380	0.0011	0.2860	0.0270	0.0538	0.0051	240	7	253	21	362	214	98	8	364	12.2	484600	0.023	34.65	4.82	2.96	177.6	528.0	105.9	9320	0.65	205.1	213.4	0.96	5.96	31.53	11.74	
20171201_Belyando-30	911	26	Pbcor6/38	0.1523	0.0046	1.5440	0.1100	0.0724	0.0049	914	26	943	44	996	138	99	5	620	5.8	474000	0.378	12.20	3.06	0.73	75.4	294.0	61.9	11400	0.47	43.4	120.4	0.36	8.21	14.75	20.00	
20171201_Belyando-32	348	10	Pbcor6/38	0.0559	0.0016	0.4480	0.0310	0.0590	0.0042	351	10	376	23	566	155	101	6	1014	14.9	463900	0.332	10.60	7.15	2.25	344.0	829.0	154.5	10770	0.66	290.0	242.0	1.20	4.49	54.04	32.71	
20171201_Belyando-33	385	9	Pbcor6/38	0.0622	0.0015	0.5350	0.0350	0.0630	0.0043	389	9	433	23	707	145	101	5	901	12.2	463600	0.349	4.66	3.58	0.71	134.5	395.0	78.6	12270	0.63	57.2	267.2	0.21	5.84	22.96	29.06	S
20171201_Belyando-34	168	5	Pbcor6/38	0.0265	0.0008	0.1970	0.0200	0.0549	0.0058	169	5	180	16	407	236	102	9	456	12.9	438200	0.480	52.30	3.15	1.08	128.2	378.0	72.1	9080	1.45	146.2	168.5	0.87	5.62	23.25	14.71	
20171201_Belyando-36	319	8	6/38	0.0507	0.0012	0.3660	0.0210	0.0533	0.0032	319	8	317	17	341	136	101	6	288	4.0	434100	0.551	27.34	4.68	1.57	114.1	459.0	97.0	9780	1.01	251.4	449.0	0.56	8.50	22.89	9.30	
20171201_Belyando-37	373	10	Pbcor6/38	0.0608	0.0017	0.5700	0.0460	0.0702	0.0060	380	10	452	29	933	175	103	6	775	17.7	436000	0.140	1.69	2.66	0.25	152.0	425.0	82.9	10030	0.32	69.5	94.8	0.73	5.45	25.24	25.00	S
20171201_Belyando-38	248	6	Pbcor6/38	0.0392	0.0010	0.2720	0.0180	0.0513	0.0034	248	6	243	14	253	152	102	6	343	4.9	440200	0.012	27.20	2.61	1.50	113.9	446.9	93.0	9650	0.64	313.9	341.1	0.92	8.17	22.52	11.06	
20171201_Belyando-39	1521	102	7/6	0.2144	0.0084	2.7700	0.1800	0.0947	0.0051	1250	45	1341	49	1521	102	93	5	790	9.8	448000	2.010	17.50	14.40	2.26	111.5	341.0	68.2	11550	0.86	41.9	576.0	0.07	6.12	19.89	25.48	S
20171201_Belyando-40	508	15	Pbcor6/38	0.0826	0.0025	0.7120	0.0690	0.0637	0.0060	511	15	537	41	731	200	102	8	172	20.8	442900	0.007	3.26	0.97	0.53	28.7	72.1	13.6	9160	0.31	15.7	34.3	0.46	4.72	4.67	5.54	

20171201_Belyando-42	1179	127	7/6	0.1973	0.0051	2.1000	0.1300	0.0793	0.0051	1161	27	1149	43	1179	127	101	4	204	16.5	447900	0.011	37.70	1.29	0.55	53.5	213.0	45.7	10670	0.95	94.9	58.3	1.63	8.54	11.57	6.58	
20171201_Belyando-43	353	9	6/38	0.0564	0.0014	0.4190	0.0260	0.0549	0.0034	353	9	354	18	407	139	100	6	1060	13.1	442600	0.275	4.67	2.85	0.56	178.0	360.0	64.7	11550	0.53	79.2	282.0	0.28	3.63	26.20	34.19	
20171201_Belyando-46	380	10	Pbcor6/38	0.0615	0.0016	0.5360	0.0400	0.0639	0.0047	385	10	434	26	737	156	101	6	716	24.1	480700	2.600	49.50	26.40	6.69	118.4	376.6	77.6	11670	1.30	264.5	559.0	0.47	6.55	22.77	23.10	S
20171201_Belyando-47	1154	109	7/6	0.1742	0.0041	1.8810	0.1000	0.0783	0.0043	1035	22	1072	36	1154	109	97	4	215	4.4	432000	0.306	15.70	2.35	0.46	42.3	203.3	42.7	11450	1.77	161.0	275.0	0.59	10.09	9.18	6.92	
20171201_Belyando-48	426	11	Pbcor6/38	0.0687	0.0017	0.5560	0.0340	0.0588	0.0035	428	11	448	22	559	130	100	5	989	14.7	475000	0.274	10.78	4.59	0.59	213.5	635.0	117.0	11620	0.96	282.0	410.6	0.69	5.48	35.80	31.90	S
20171201_Belyando-50	1870	96	7/6	0.3182	0.0076	5.0580	0.2700	0.1144	0.0061	1781	37	1830	43	1870	96	97	3	264	10.5	441600	0.019	12.49	0.84	0.23	58.0	208.5	41.6	10050	1.10	99.7	187.9	0.53	7.17	10.93	8.52	
20171201_Belyando-51	1715	101	7/6	0.2828	0.0066	4.1870	0.2300	0.1051	0.0058	1605	33	1669	45	1715	101	96	3	472	28.6	452900	0.200	23.10	5.78	3.56	206.0	561.0	109.5	9380	1.89	88.8	124.6	0.71	5.32	34.73	15.23	
20171201_Belyando-56	371	9	Pbcor6/38	0.0596	0.0015	0.4950	0.0330	0.0588	0.0040	373	9	407	23	559	148	98	6	1289	14.4	470700	0.160	5.51	3.11	0.71	262.4	882.0	170.0	11540	0.76	154.0	318.0	0.48	6.48	46.16	41.58	S
20171201_Belyando-57	437	10	Pbcor6/38	0.0704	0.0017	0.5750	0.0380	0.0573	0.0038	438	10	458	24	502	146	97	5	261	8.6	446100	0.081	15.37	2.75	1.17	105.6	364.0	74.4	9020	0.78	167.2	188.3	0.89	7.05	19.57	8.42	
20171201_Belyando-58	765	18	Pbcor6/38	0.1266	0.0031	1.2440	0.0750	0.0689	0.0041	768	18	821	35	895	123	97	5	412	12.0	415700	0.394	6.93	4.76	0.89	90.7	312.6	63.5	9660	1.08	88.8	287.0	0.31	7.00	16.57	13.28	
20171201_Belyando-62	278	8	Pbcor6/38	0.0445	0.0012	0.3660	0.0290	0.0586	0.0048	280	8	314	22	551	179	98	7	494	16.9	424500	0.532	27.90	8.68	2.42	160.7	492.9	101.0	8030	0.64	303.4	320.6	0.95	6.29	28.89	15.94	
20171201_Belyando-64	337	8	Pbcor6/38	0.0538	0.0013	0.4080	0.0230	0.0546	0.0031	338	8	347	17	395	127	99	5	276	8.7	444500	0.280	26.10	3.69	0.65	129.3	397.0	78.0	9920	1.14	375.0	642.0	0.58	6.03	23.03	8.92	
20171201_Belyando-68	242	8	Pbcor6/38	0.0386	0.0012	0.3000	0.0220	0.0573	0.0038	244	8	266	17	502	146	102	7	476	19.1	476500	2.970	60.40	19.90	4.33	107.7	341.0	69.3	12540	0.80	476.0	562.0	0.85	6.43	21.09	15.35	
20171201_Belyando-69	1126	147	7/6	0.1849	0.0050	1.9200	0.1400	0.0772	0.0057	1096	25	1079	49	1126	147	102	5	355	32.8	474300	0.077	22.95	1.95	0.48	69.7	225.5	44.3	10300	1.10	62.2	53.7	1.16	6.35	12.92	11.45	
20171201_Belyando-70	580	22	Pbcor6/38	0.0948	0.0038	0.8560	0.0650	0.0651	0.0039	583	22	618	35	777	126	99	6	841	12.0	450400	0.139	6.40	1.82	0.25	132.1	498.0	96.8	11190	1.40	75.7	252.0	0.30	7.33	24.33	27.13	S
20171201_Belyando-71	431	11	Pbcor6/38	0.0697	0.0018	0.5700	0.0350	0.0611	0.0039	435	11	457	22	642	137	103	5	420	33.1	457400	1.100	49.20	12.60	4.38	125.0	370.0	75.7	8970	1.42	346.0	333.0	1.04	6.06	23.24	13.55	
20171201_Belyando-73	554	14	Pbcor6/38	0.0899	0.0023	0.7220	0.0560	0.0595	0.0047	555	14	545	32	585	171	102	7	141	15.2	448000	0.010	6.71	1.70	0.28	23.3	59.5	11.8	8960	0.59	57.0	71.6	0.80	5.05	4.00	4.55	
20171201_Belyando-74	361	9	Pbcor6/38	0.0580	0.0015	0.4760	0.0420	0.0601	0.0050	364	9	390	28	606	180	101	7	1153	35.3	454500	0.163	3.95	4.11	0.94	228.0	712.0	137.0	10860	0.51	115.4	116.8	0.99	6.01	39.12	37.19	S
20171201_Belyando-75	428	12	Pbcor6/38	0.0690	0.0021	0.5640	0.0500	0.0599	0.0053	430	12	452	32	599	192	101	7	1490	27.2	462000	1.550	17.20	14.10	2.61	212.0	756.0	149.0	10850	0.76	81.0	324.0	0.25	7.03	38.85	48.06	S
20171201_Belyando-76	1299	108	7/6	0.1689	0.0044	1.9480	0.1100	0.0843	0.0047	1006	24	1095	38	1299	108	92	4	973	22.6	430600	3.960	54.30	29.70	7.31	151.2	325.0	61.4	9350	1.22	139.3	286.3	0.49	4.06	25.04	31.39	S
20171201_Belyando-77	352	9	Pbcor6/38	0.0571	0.0015	0.5350	0.0470	0.0673	0.0058	358	9	427	30	846	179	99	6	1025	8.2	440500	0.807	16.90	5.41	1.22	199.7	626.0	122.0	11050	0.69	132.6	246.0	0.54	6.11	34.94	33.06	S
20171201_Belyando-78	333	9	Pbcor6/38	0.0531	0.0014	0.4050	0.0280	0.0553	0.0038	333	9	345	21	423	153	100	6	554	13.1	430600	0.167	8.70	3.53	1.13	112.2	349.3	72.0	9380	0.56	112.9	210.4	0.54	6.42	19.92	17.87	S
20171201_Belyando-79	244	7	Pbcor6/38	0.0389	0.0011	0.2990	0.0240	0.0557	0.0045	246	7	266	19	439	180	100	7	335	15.0	439200	0.088	8.27	1.15	0.51	70.3	396.7	90.0	9030	0.73	71.0	155.9	0.46	12.81	15.95	10.80	
20171201_Belyando-81	272	7	Pbcor6/38	0.0436	0.0011	0.3720	0.0290	0.0620	0.0052	275	7	319	22	673	179	100	6	328	14.1	481900	1.790	34.10	12.00	3.30	87.0	233.0	47.0	12450	2.05	310.0	444.0	0.70	5.40	15.68	10.58	
20171201_Belyando-82	575	13	Pbcor6/38	0.0932	0.0021	0.7480	0.0410	0.0581	0.0033	575	13	566	24	533	124	100	5	204	4.1	438500	0.066	12.08	1.41	0.46	55.5	202.0	42.0	10400	1.31	209.4	404.0	0.52	7.57	10.66	6.59	
20171201_Belyando-83	2664	87	7/6	0.5029	0.0120	12.6100	0.6600	0.1813	0.0095	2625	50	2651	50	2664	87	99	3	262	5.7	442500	0.059	6.10	1.14	0.32	68.1	222.5	43.8	9220	1.05	67.6	174.0	0.39	6.43	12.11	8.44	
20171201_Belyando-84	459	10	Pbcor6/38	0.0740	0.0017	0.5870	0.0320	0.0579	0.0032	460	10	468	20	525	121	100	5	420	7.3	443200	0.113	23.69	2.93	1.13	177.0	769.0	158.9	8150	1.59	448.7	659.0	0.68	8.98	35.47	13.55	
20171201_Belyando-86	340	8	6/38	0.0541	0.0012	0.3925	0.0210	0.0535	0.0030	340	8	336	16	349	127	101	5	234	2.7	452500	1.050	21.30	5.70	0.88	84.2	299.9	59.8	11290	1.66	333.8	850.0	0.39	7.10	15.98	7.55	
20171201_Belyando-88	1065	113	7/6	0.1950	0.0048	1.9800	0.1100	0.0749	0.0042	1148	26	1105	38	1065	113	104	4	268	7.7	442300	0.054	12.70	1.70	0.38	115.0	351.0	64.6	10530	4.24	144.0	188.0	0.77	5.62	19.67	8.65	
20171201_Belyando-90	634	14	6/38	0.1034	0.0025	0.8570	0.0500	0.0624	0.0037	634	14	627	27	687	127	101	5	393	38.4	466600	2.249	60.20	42.30	6.22	226.2	361.0	66.2	9220	0.67	258.4	373.0	0.69	2.93	33.34	12.68	
20171201_Belyando-93	330	9	6/38	0.0525	0.0015	0.3770	0.0280	0.0551	0.0040	330	9	324	21	415	162	102	7	307	20.0	485300	1.290	26.00	3.90	0.76	89.5	386.0	79.8	11600	1.28	232.0	394.0	0.59	8.92	18.41	9.90	
20171201_Belyando-94	301	7	Pbcor6/38	0.0477	0.0011	0.3160	0.0210	0.0515	0.0035	300	7	280	15	262	156	106	6	188	4.8	461300	0.045	23.19	2.11	1.11	104.9	381.0	78.8	11600	0.88	259.0	361.2	0.72	7.51	20.12	6.06	
20171201_Belyando-95	793	23	6/38	0.1309	0.0041	1.1800	0.0860	0.0697	0.0050	793	23	781	42	919	148	102	6	300	26.6	438000	0.426	10.99	6.48	1.11	91.0	199.0	37.5	8690	0.69	53.9	57.9	0.93	4.12	14.23	9.68	
20171201_Belyando-96	363	9	Pbcor6/38	0.0585	0.0015	0.5410	0.0330	0.0621	0.0040	366	9	438	22	677	138	93	5	703	15.8	458700	0.205	12.22	3.71	1.08	176.7	496.2	94.8	10530	0.63	111.1	175.4	0.63	5.37	29.56	22.68	
20171201_Belyando-98	1126	114	7/6	0.1958	0.0049	1.9370	0.1100	0.0772	0.0044	1152	26	1095	41	1126	114	105	5	373	19.7	465500	1.029	68.30	11.41	3.04	142.8	382.0	74.8	9950	0.99	260.0	140.3	1.85	5.24	25.78	12.03	
20171201_Belyando-99	429	10	6/38	0.0688	0.0016	0.5160	0.0290	0.0579	0.0033	429	10	422	19	525	125	102	5	602	12.9	463500	0.426	5.80	3.83	0.88	118.7	208.0	38.5	11450	0.91	83.3	382.0	0.22	3.24	17.02	19.42	S
20171201_Belyando-102	509	12	6/38	0.0821	0.0020	0.6550	0.0370	0.0600	0.0033	509	12	510	23	603	119	100	5	1312	55.4	447800	1.310	34.10	9.90	2.35	215.3	636.0	120.7	12930	6.45	138.0	548.0	0.25	5.61	37.24	42.32	S
20171201_Belyando-103	782	19	6/38	0.1290	0.0033	1.1780	0.0650	0.0686	0.0038	782	19	789	30	886	114	99	4	269	35.0	449000	0.930	17.10	9.80	2.22	57.7	180.0	37.4	11650	1.20	96.6	379.5	0.25	6.48	10.78	8.68	
20171201_Belyando-104	338	8	Pbcor6/38	0.0539	0.0013	0.3850	0.0240	0.0524	0.0033	338	8	329	18	302	144	101	6	440	3.4	447000	1.200	17.14	3.54	0.32	97.2	318.2	63.7	9700	1.35	205.6	334.1	0.62	6.55	17.71	14.19	
20171201_Belyando-105	100	3	Pbcor6/38	0.0157	0.0005	0.1140	0.0120	0.0541	0.0061	100	3	110	11	374	254	103	10	504	45.1	476700	1.840	24.77	16.00	4.21	181.7	535.0	109.2	10870	0.63	285.0	340.0	0.84	6.01	32.07	16.26	
20171201_Belyando-107	493	16	6/38	0.0796	0.0026	0.6350	0.0460	0.0576	0.0040	493	16	494	29	514	153	100	7	233	12.0	444000	0.205	12.88	8.91	1.64	152.0	346.0	67.5	8270	0.40	234.0	187.0	1.25	4.44	24.10	7.52	
20171201_Belyando-108	567	13	Pbcor6/38	0.0921	0.0021	0.7770	0.0440	0.0607	0.0035	568	13	582	25	628	124	99	5	177	10.3	450500	0.084	23.18	1.99	0.47	49.6	114.1	21.4	9360	1.42	150.3	332.9	0.45	4.32	8.43	5.71	
20171201_Belyando-110	341	9	Pbcor6/38	0.0544	0.0015	0.4190	0.0360	0.0545	0.0047	342	9	351	25	391	194	98	7	252	7.9	424000	0.108	9.00	1.94	0.97	112.5	338.0	67.0	8020	0.74	81.0	150.7	0.54	5.96	19.50	8.13	
20171201_Belyando-112	2423	90	7/6	0.4241	0.0098	9.4400	0.4900	0.1570	0.0083	2279	44	2381	48	2423	90	96	3	170	11.1	450900	0.072	10.24	1.56	0.69	35.1	151.5	34.2	9490	0.39	80.5	151.1	0.53	9.74	7.44	5.48	
20171201_Belyando-113	247	7	Pbcor6/38	0.0391	0.0012	0.2760	0.0290	0.0505	0.0054	247	7	243	23	217	248	99	10	135	8.6	441000	0.000	2.60	1.10	0.99	39.8	167.0	37.4	7180	0.11	64.6	75.3	0.86	9.39	8.03	4.34	
20171201_Belyando-115	339	8	Pbcor6/38	0.0538	0.0013	0.3810	0.0230	0.0507	0.0030	338	8	329	16	226	137	99	6	282	7.2	462000	0.058	32.20	2.73	1.09	106.0	468.0	99.7	9040	1.09	339.0	520.0	0.65	9.41	22.20	9.11	
20171201_Belyando-116	821	19	Pbcor6/38	0.1375	0.0033	1.4930	0.0830	0.0774	0.0044	830	19	926	33	1131	113	98	4	691	31.6	432800	3.950	37.20	33.20	7.89	143.7	318.6	61.1	10490	0.92	195.0	307.5	0.63	4.25	23.65	22.29	S
20171201_Belyando-118	1159	121	7/6	0.1858	0.0046	2.0250	0.1200	0.0785	0.0048	1099	25	1119	40	1159	121	98	4	329	20.8	431100	0.260	23.70	3.34	0.91	60.4	175.0	33.1	9730	0.93	162.0	131.4	1.23	5.48	10.85	10.61	
20171201_Belyando-120	364	9	Pbcor6/38	0.0586	0.0015	0.4950	0.0300	0.0617	0.0038	367	9	407	20	663	132	101	5	454	20.1	427300	1.210	40.10	10.70	1.63	92.5	257.6	50.4	10130	0.56	208.0	277.0	0.75	5.45	16.76	14.65	
20171201_Belyando-121	457	11	6/38	0.0735	0.0018	0.5650	0.0330	0.0573	0.0034	457	11	454	22	502	131	101	5	393	19.2	465300	0.060	34.60	8.35	4.92	185.0	485.0	97.3	9500	0.89	164.0	229.0	0.72	5.26	31.61	12.68	
20171201_Belyando-122	532	12	Pbcor6/38	0.0861	0.0020	0.6710	0.0370	0.0582	0.0033	532	12	521	22	536	124	102	5	81	8.3	473300	0.063	11.30	1.27	0.58	34.3	146.0	32.3	10740	0.46	129.0	399.2	0.32	9.42	7.23	2.61	
20171201_Belyando-123	1950	96	7/6	0.2820	0.0130	4.5300	0.3100	0.1196	0.0064	1594	68	1720	59	1950	96	93	5	1490	41.0	444900	2.460	31.20	17.30	2.94	128.0	299.0	58.1	9170	1.09	256.0	291.0	0.88	4.54	21.24	48.06	
20171201_Belyando-124	277	8	Pbcor6/38	0.0442	0.0012	0.3420	0.0250	0.0571	0.0040	279	8	297	19	494	154	102	7	345	15.5	430300	0.360	15.20	12.40	6.76	307.0	686.0	132.3	7930	0.66	205.0	310.0	0.66	4.31	47.97	11.13	
20171201_Belyando-125	1154	114	7/6	0.1983	0.0048	2.0600	0.1200	0.0783	0.0045	1166	26	1136	39	1154	114	103	4	363	12.3	451200	0.019	49.70	1.90	0.87	101.5	371.0	75.1	9780	1.75	156.0	140.0	1.11	7.40	20.28	11.71	
20171201_Belyando-126	326	8	Pbcor6/38	0.0521	0.0013	0.3950	0.0240	0.0567	0.0035	328	8	337	17	479	136	103	5	376	8.7	421200	1.830	26.00	11.50	2.42	88.7	242.0	46.1	10180	1.56	204.0	401.0	0.51	5.20	15.48	12.13	
20171201_Belyando-127	2668	86	7/6	0.4310	0.0150	10.5700	0.6400	0.1817	0.0094	2304	69	2477	58	2668	86	93	4	972	31.9	395000	1.460	43.10	16.20	4.44	163.0	454.0	87.3	8610	2.85	480.0	466.0	1.03	5.36	28.48	31.35	S
20171201_Belyando-129	291	8	Pbcor6/38	0.0466	0.0012	0.3630	0.0230	0.0580	0.0038	293	8	313	18	529	144	102	6	338	11.1	432600	0.164	16.02	3.11	1.51	141.1	434.0	87.6	8530	0.91	350.0	389.0	0.90	6.21	24.96	10.89	
20171201_Belyando-130	239	6	Pbcor6/38	0.0381	0.0010	0.3300	0.0250	0.0561	0.0043	241	6	287	19	455	170	89	6	267	17.7	446300	0.012	9.15	1.92	0.66	65.9	199.0	40.3	9590	0.31	120.8	144.7	0.83	6.12	11.65	8.60	
20171201_Belyando-131	501	12	Pbcor6/38	0.0810	0.0020	0.6550	0.0460	0.0594	0.0042	502	12	511	27	581	154	101	6	362	8.0	446700	0.670	12.50	6.20	1.70	88.5	298.0	59.8	9860	0.76	109.0	149.0	0.73	6.76	16.21	11.68	
20171201_Belyando-133	1777	97	7/6	0.3093	0.0074	4.6590	0.2500	0.1087	0.0058	1737	36	1757	45	1777	97	99	3	325	14.7	434000	0.270	22.74	2.82	0.99	76.3	249.5	52.4	8550	0.97	116.5	190.5	0.61	6.87	14.43	10.50	
20171201_Belyando-134	394	10	Pbcor6/38	0.0634	0.0016	0.5100	0.0310	0.0584	0.0036	396	10	418	21	544	135	100	5	1483	23.4	489300	1.100	31.10	10.60	2.89	225.1	990.0	192.8	13160	1.24	178.0	770.0	0.23	8.57	44.50	47.84	S
20171201_Belyando-135	1794	96	7/6	0.2973	0.0068	4.5120	0.2400	0.1097	0.0058	1678	34	1732	44	1794	96	97	3	544	14.1	458800	0.174	9.91	2.11	0.25	121.9	387.4	75.8	10730	1.21	180.4	316.0	0.57	6.22	21.41	17.55	S
20171201_Belyando-136	357	9	Pbcor6/38	0.0569	0.0014	0.4250	0.0270	0.0539	0.0034	357	9	359	19	366	142	100	6	381	6.3	459000	0.053	21.89	8.52	2.63	462.0	1038.0	189.6	8750	1.33	414.0	428.0	0.97	4.10	70.86	12.30	
20171201_Belyando-137	286	8	Pbcor6/38	0.0455	0.0013	0.3570	0.0300	0.0563	0.0050	287	8	313	20	463	197	99	6	538	14.3	411900	0.680	21.55	10.01	3.55	253.0	633.0	123.3	8223	0.65	225.0	208.8	1.08	4.87	41.30	17.35	
20171201_Belyando-138	617	15	6/38	0.1005	0.0026	0.8350	0.0540	0.0590	0.0037	617	15	613	29	566	137	101	5	387	10.6	450700	0.137	50.40	15.20	9.10	123.3	220.3	41.0	9080	0.93	229.0	193.6	1.18	3.33	19.54	12.48	
20171201_Belyando-139	3021	85	7/6	0.5630	0.0160	17.7500	0.9700	0.2257	0.0120	2877	69	2974	54	3021	85	97	3	381	8.5	466900	0.306	29.30	5.84	1.54	142.1	442.0	86.0	9330	1.34	166.8	248.0	0.67	6.05	25.38	12.29	
20171201_Belyando-140	588	14	Pbcor6/38	0.0960	0.0023	0.8750	0.0560	0.0642	0.0041	591	14	634	30	747	135	97	5	74	3.7	445300	0.148	2.40	1.26	0.37	10.0	24.8	4.6	13580	0.20	2.5	128.4	0.02	4.59	1.67	2.40	
20171201_Great Victoria Desert_BJ67-1	3002	151	7/6	0.5660	0.0240	17.5000	1.6000	0.2230	0.0210	2881	97	2920	91	3002	151	99	5	188	29.4	458400	0.029	0.40	0.52	0.68	31.4	96.4	20.6	7090	0.08	1.3	2.6	0.49	6.56	5.56	6.05	
20171201_Great Victoria Desert_BJ67-3	2907	100	7/6	0.5217	0.0140	15.6000	0.9500	0.2103	0.0130	2704	61	2841	59	2907	100	95	3	158	36.7	444000	0.016	0.67	2.18	2.07	100.0	289.8	63.0	7920	0.17	5.6	11.9	0.47	6.30	17.44	5.10	
20171201_Great Victoria Desert_BJ67-4	2846	105	7/6	0.5260	0.0180	14.8800	0.9500	0.2025	0.0130	2720	75	2794	62	2846	105	97	3	233	20.0	453400	0.038	0.51	1.90	1.67	85.3	250.0	54.6	7080	0.12	5.3	9.0	0.59	6.40	14.95	7.52	
20171201_Great Victoria Desert_BJ67-5	2731	86	7/6	0.5180	0.0120	13.8400	0.7200	0.1888	0.0099	2690	50	2738	49	2731	86	98	3	191	77.7	440400	0.285	26.30	2.79	0.93	32.4	123.6	27.3	9480	0.25	141.3	143.9	0.98	8.43	7.12	6.16	
20171201_Great Victoria Desert_BJ67-9	2821	90	7/6	0.5028	0.0120	14.0000	0.7400	0.1994	0.0110	2625	51	2747	51	2821	90	96	3	324	17.2	449400	0.030	6.75	2.59	2.07	179.6	535.0	106.5	9000	1.83	56.0	91.1	0.61	5.93	30.84	10.45	
20171201_Great Victoria Desert_BJ67-10	2814	90	7/6	0.4890	0.0130	13.5200	0.7300	0.1986	0.0110	2565	54	2714	51	2814	90	95	3	269	13.8	450700	0.024	2.58	3.58	2.86	199.0	540.0	107.0	8130	0.33	40.3	54.9	0.73	5.38	32.98	8.68	
20171202_Great Victoria Desert_BJ67-11	2824	42	7/6	0.5509	0.0110	15.3100	0.4300	0.1998	0.0052	2827	45	2827	27	2824	42	100	2	168	15.2	454600	0.016	1.02	2.16	1.77	129.4	372.0	78.3	8700	0.36	8.5	19.6	0.44	6.05	22.25	5.41	
20171202_Great Victoria Desert_BJ67-12	2818	57	7/6	0.5500	0.0150	14.9800	0.5300	0.1991	0.0069	2819	61	2807	36	2818	57	100	3	177	21.9	455300	0.023	0.56	2.24	2.16	107.3	303.0	64.2	7370	0.15	6.9	13.6	0.51	5.98	18.39	5.71	
20171202_Great Victoria Desert_BJ67-13	2870	51	7/6	0.5400	0.0130	15.4000	0.5100	0.2055	0.0065	2782	54	2832	32	2870	51	98	2	212	25.6	450600	0.012	1.14	1.31	1.43	88.6	267.0	55.4	9060	0.23	9.7	18.9	0.51	6.25	15.42	6.84	
20171202_Great Victoria Desert_BJ67-15	2831	51	7/6	0.5300	0.0130	14.6900	0.4400	0.2007	0.0063	2740	53	2787	29	2831	51	98	2	335	22.3	444200	0.137	1.02	3.29	2.46	130.8	360.6	75.7	7070	0.15	6.5	12.9	0.51	5.79	22.19	10.81	
20171202_Great Victoria Desert_BJ67-17	2916	73	7/6	0.5040	0.0130	14.5300	0.6100	0.2114	0.0095	2626	56	2778	40	2916	73	95	2	194	20.8	456900	Below LOD	0.63	2.33	1.89	88.3	247.0	52.8	7080	0.10	4.6	7.4	0.62	5.98	15.11	6.26	
20171202_Great Victoria Desert_BJ67-19	2836	32	7/6	0.5586	0.0110	15.5700	0.3800	0.2013	0.0040	2859	46	2846	23	2836	32	100	2	323	9.9	458700	0.048	1.67	3.08	2.78	184.0	466.0	93.6	8490	0.47	26.3	33.6	0.78	5.09	29.95	10.42	
20171202_Great Victoria Desert_BJ67-20	2913	138	7/6	0.5940	0.0250	17.5000	1.6000	0.2110	0.0180	2994	100	2910	85	2913	138	103	5	125	21.7	456400	Below LOD	0.15	0.10	0.24	17.4	69.3	16.4	7350	0.09	0.6	2.2	0.29	9.43	3.45	4.04	
20171202_Great Victoria Desert_BJ67-24	2713	19	7/6	0.5769	0.0088	14.8300	0.1800	0.1868	0.0021	2936	36	2803	11	2713	19	105	1	285	12.7	441300	Below LOD	24.20	1.75	0.64	47.9	149.8	31.1	9640	0.32	100.7	121.6	0.83	6.49	9.19	9.18	
20171202_Great Victoria Desert_BJ67-25	2844	35	7/6	0.5593	0.0110	15.3500	0.3600	0.2023	0.0043	2862	46	2844	24	2844	35	101	2	211	16.1	452800	0.010	1.18	2.77	2.02	139.7	387.2	76.6	7790	0.28	12.9	24.5	0.53	5.48	23.28	6.82	
20171202_Great Victoria Desert_BJ67-26	2804	18	7/6	0.5420	0.0100	14.7300	0.2200	0.1974	0.0022	2791	43	2796	14	2804	18	100	2	184	25.9	418000	0.035	4.53	1.21	0.50	71.8	232.0	46.3	8910	0.94	57.8	125.7	0.46	6.45	12.72	5.92	
20171202_Great Victoria Desert_BJ67-28	2856	49	7/6	0.5310	0.0110	14.8300	0.5000	0.2038	0.0061	2744	48	2795	32	2856	49	98	2	197	15.2	467100	Below LOD	0.82	0.37	0.43	36.6	160.3	36.9	9220	0.18	4.2	15.4	0.27	10.08	7.47	6.35	
20171202_Great Victoria Desert_BJ67-29	2819	14	7/6	0.5200	0.0078	14.1900	0.1300	0.1992	0.0017	2699	33	2762	9	2819	14	98	1	412	12.0	444700	0.057	12.76	5.53	3.15	386.8	1050.0	197.6	10630	3.37	145.3	241.9	0.60	5.11	63.27	13.29	
20171202_Great Victoria Desert_BJ67-30	2717	19	7/6	0.4864	0.0091	12.5500	0.2100	0.1872	0.0022	2554	40	2644	16	2717	19	97	2	752	38.9	423100	1.120	54.20	13.60	4.70	127.2	419.6	83.1	7440	0.43	167.4	176.3	0.95	6.53	24.34	24.26	S
20171202_Great Victoria Desert_BJ67-31	2870	59	7/6	0.5340	0.0140	14.9600	0.5000	0.2056	0.0075	2753	57	2807	30	2870	59	98	2	136	64.0	460800	0.009	0.72	1.21	1.11	54.3	169.4	36.6	7300	0.11	8.0	8.0	1.00	6.74	9.69	4.37	
20171202_Great Victoria Desert_BJ67-32	2824	47	7/6	0.4808	0.0120	13.5400	0.3700	0.1998	0.0057	2528	51	2716	26	2824	47	93	2	147	16.8	455000	0.013	0.78	2.24	1.56	106.1	307.6	62.6	7820	0.20	9.2	19.5	0.47	5.90	18.09	4.73	
20171202_Great Victoria Desert_BJ67-34	2644	26	7/6	0.5479	0.0100	13.3200	0.2300	0.1791	0.0028	2816	43	2706	14	2644	26	104	2	144	13.6	469800	0.167	27.20	4.06	0.86	56.9	169.5	34.4	10270	0.90	169.3	219.0	0.77	6.05	10.69	4.65	
20171202_Great Victoria Desert_BJ67-36	2742	17	7/6	0.4902	0.0078	12.9000	0.1600	0.1901	0.0020	2571	34	2671	12	2742	17	96	1	304	17.4	446000	0.386	30.80	3.41	1.29	37.8	142.5	31.3	9100	0.34	189.6	161.7	1.17	8.27	8.28	9.81	
20171202_Great Victoria Desert_BJ67-38	2855	21	7/6	0.5410	0.0088	15.1400	0.2100	0.2036	0.0026	2787	37	2825	13	2855	21	99	1	303	16.4	446800	0.013	3.37	3.95	2.09	192.9	509.0	99.6	8930	0.33	32.8	56.9	0.58	5.16	31.57	9.77	
20171202_Great Victoria Desert_BJ67-39	2821	30	7/6	0.5512	0.0110	15.0900	0.2900	0.1994	0.0037	2829	44	2818	18	2821	30	100	2	247	5.1	449300	Below LOD	4.21	0.45	0.45	76.9	278.4	58.0	12550	1.15	15.0	46.7	0.32	7.54	14.29	7.96	
20171202_Great Victoria Desert_BJ67-41	2830	15	7/6	0.5270	0.0080	14.5800	0.1600	0.2005	0.0019	2729	34	2787	10	2830	15	98	1	366	30.6	443000	0.109	9.99	3.63	2.01	252.5	722.0	139.1	10090	2.91	129.9	172.4	0.75	5.51	42.35	11.81	
20171202_Great Victoria Desert_BJ67-45	2751	16	7/6	0.5282	0.0082	13.9200	0.1400	0.1911	0.0019	2733	35	2743	10	2751	16	100	1	188	9.5	437500	0.295	40.50	4.93	1.75	61.5	171.0	34.4	8750	0.29	246.0	171.9	1.43	5.59	11.69	6.07	
20171202_Great Victoria Desert_BJ67-47	2838	22	7/6	0.5237	0.0085	14.5800	0.2300	0.2015	0.0027	2714	36	2786	15	2838	22	97	1	372	55.0	440600	0.240	10.90	3.78	2.09	133.8	393.0	78.7	8220	0.41	84.9	99.0	0.86	5.88	23.14	12.00	
20171202_Great Victoria Desert_BJ67-49	2846	15	7/6	0.5168	0.0098	14.5200	0.2500	0.2025	0.0019	2689	43	2781	17	2846	15	97	2	407	12.9	438100	0.680	25.50	8.70	4.00	252.0	702.0	131.5	9870	2.62	134.0	166.2	0.81	5.22	42.16	13.13	
20171202_Great Victoria Desert_BJ67-50	2911	65	7/6	0.5300	0.0130	15.3200	0.5900	0.2108	0.0084	2738	55	2822	37	2911	65	97	2	223	38.1	458100	0.038	0.79	1.63	1.39	74.3	229.8	50.2	7000	0.14	7.5	11.7	0.64	6.76	13.26	7.18	
20171202_Great Victoria Desert_BJ67-55	2855	16	7/6	0.4819	0.0096	13.4800	0.2000	0.2037	0.0020	2534	42	2712	14	2855	16	93	2	713	79.0	443100	2.000	61.00	20.10	6.56	385.0	1150.0	213.0	10760	7.49	376.0	286.0	1.31	5.53	66.37	23.00	
20171202_Great Victoria Desert_BJ67-56	2848	38	7/6	0.5751	0.0110	16.0500	0.3500	0.2028	0.0047	2938	48	2876	21	2848	38	102	2	212	13.5	452200	0.057	3.97	3.35	2.33	128.9	349.0	70.8	8400	0.41	37.7	32.3	1.17	5.49	21.60	6.82	
20171202_Great Victoria Desert_BJ67-61	2866	16	7/6	0.5281	0.0082	14.8300	0.1500	0.2050	0.0020	2733	34	2803	10	2866	16	97	1	385	38.3	440100	1.100	10.66	5.59	2.68	372.2	1019.0	192.6	10570	3.07	129.6	232.8	0.56	5.17	61.10	12.42	
20171202_Great Victoria Desert_BJ67-62	2768	20	7/6	0.5237	0.0100	13.9100	0.2600	0.1931	0.0024	2714	43	2741	18	2768	20	99	2	281	29.4	439800	0.410	41.20	4.10	1.14	36.1	129.1	26.9	9380	0.34	175.0	136.9	1.28	7.45	8.06	9.06	
20171202_Great Victoria Desert_BJ67-66	2890	25	7/6	0.5086	0.0110	14.6200	0.3300	0.2081	0.0032	2649	46	2788	21	2890	25	95	2	1047	35.8	418800	2.110	57.00	24.70	12.10	493.0	1028.0	189.4	7620	1.65	94.6	93.7	1.01	3.84	75.63	33.77	
20171202_Great Victoria Desert_BJ67-67	3007	47	7/6	0.5257	0.0120	16.2100	0.5000	0.2237	0.0065	2721	50	2882	28	3007	47	94	2	248	22.0	464000	0.010	0.67	3.08	2.53	132.3	363.0	77.7	7140	0.15	7.4	12.2	0.60	5.87	22.54	8.00	
20171202_Great Victoria Desert_BJ67-68	2916	32	7/6	0.5264	0.0100	15.2900	0.3000	0.2114	0.0042	2725	43	2830	19	2916	32	96	2	178	39.0	459100	0.145	1.31	0.91	0.40	38.0	118.9	24.8	7303	0.09	23.8	25.1	0.95	6.52	6.73	5.75	
20171202_Great Victoria Desert_BJ67-72	2847	27	7/6	0.5395	0.0089	15.1500	0.2100	0.2026	0.0034	2780	37	2823	13	2847	27	98	1	187	19.2	444800	0.048	2.06	1.73	1.00	109.2	319.1	62.5	8370	0.19	24.1	45.9	0.53	5.72	18.46	6.02	
20171202_Great Victoria Desert_BJ67-73	2907	35	7/6	0.5781	0.0120	16.8100	0.3400	0.2103	0.0046	2939	50	2924	20	2907	35	101	2	247	50.4	427200	0.046	1.56	0.78	0.90	69.8	241.0	50.7	9410	0.66	11.8	32.5	0.36	7.26	12.78	7.97	
20171202_Great Victoria Desert_BJ67-74	2865	14	7/6	0.5361	0.0084	15.2100	0.1400	0.2049	0.0017	2767	35	2828	9	2865	14	98	1	788	71.0	429600	0.075	19.43	3.77	1.15	254.0	477.0	79.1	10560	0.88	165.2	225.5	0.73	3.11	36.18	25.42	
20171202_Great Victoria Desert_BJ67-75	2750	24	7/6	0.5143	0.0086	13.6300	0.2000	0.1910	0.0028	2674	36	2723	14	2750	24	98	1	231	8.3	453700	Below LOD	10.03	0.86	0.79	31.8	107.5	23.5	8460	0.20	45.4	91.3	0.50	7.39	6.15	7.44	
20171202_Great Victoria Desert_BJ67-77	2877	35	7/6	0.5454	0.0100	15.6000	0.3500	0.2064	0.0045	2804	43	2848	22	2877	35	98	2	122	11.7	445700	0.017	1.26	0.44	0.20	25.8	112.1	24.5	8840	0.26	8.1	23.7	0.34	9.50	5.20	3.93	
20171202_Great Victoria Desert_BJ67-78	2896	39	7/6	0.5313	0.0110	15.3600	0.3400	0.2088	0.0050	2745	46	2837	22	2896	39	97	2	143	12.4	451500	Below LOD	0.86	0.27	0.36	42.6	160.7	33.0	8580	0.22	8.8	26.9	0.33	7.74	7.93	4.60	
20171202_Great Victoria Desert_BJ67-79	2750	12	7/6	0.5330	0.0160	14.2300	0.4200	0.1910	0.0014	2748	68	2758	29	2750	12	100	3	228	19.1	435400	0.110	41.10	2.65	1.15	76.3	220.5	44.6	10530	0.37	349.0	333.0	1.05	5.85	14.34	7.34	
20171202_Great Victoria Desert_BJ67-81	2835	39	7/6	0.5281	0.0110	14.5500	0.3600	0.2012	0.0048	2732	45	2781	23	2835	39	98	2	198	18.5	453800	0.011	1.04	1.96	1.62	120.0	346.4	70.2	8470	0.22	12.8	25.9	0.49	5.85	20.41	6.39	
20171202_Great Victoria Desert_BJ67-82	2873	33	7/6	0.4980	0.0091	14.0900	0.2700	0.2059	0.0042	2604	39	2752	18	2873	33	95	2	200	75.9	461200	0.158	2.84	3.05	1.64	103.4	278.7	54.7	8660	0.20	20.1	36.5	0.55	5.29	17.11	6.44	
20171202_Great Victoria Desert_BJ67-83	2805	50	7/6	0.5090	0.0120	13.6800	0.3900	0.1975	0.0060	2650	52	2726	28	2805	50	97	2	203	14.9	448300	0.020	1.32	2.08	2.47	158.0	437.0	89.5	8210	0.51	22.4	38.5	0.58	5.66	26.61	6.54	
20171202_Great Victoria Desert_BJ67-85	2792	33	7/6	0.4798	0.0120	13.4400	0.3400	0.1960	0.0039	2524	51	2706	24	2792	33	93	2	239	13.5	459000	0.023	5.38	0.64	0.62	51.9	216.0	45.7	11060	0.56	17.2	41.4	0.42	8.81	10.29	7.71	
20171202_Great Victoria Desert_BJ67-86	2833	29	7/6	0.5407	0.0110	15.0000	0.3300	0.2009	0.0036	2785	46	2812	21	2833	29	99	2	292	19.6	436100	Below LOD	5.03	0.37	0.40	54.0	216.0	46.7	12410	1.38	12.9	42.0	0.31	8.65	10.58	9.42	
20171202_Great Victoria Desert_BJ67-88	2817	36	7/6	0.4933	0.0089	13.6400	0.3200	0.1990	0.0044	2584	39	2720	22	2817	36	95	2	203	50.1	462600	0.097	5.91	1.52	0.69	30.7	137.3	30.4	9430	0.61	37.8	40.6	0.93	9.91	6.44	6.56	
20171202_Great Victoria Desert_BJ67-92	2733	14	7/6	0.4654	0.0086	12.2000	0.1600	0.1890	0.0016	2462	38	2621	12	2733	14	94	2	439	-1.0	434000	6.340	347.00	47.90	9.30	96.1	182.1	33.8	8810	0.40	809.0	238.8	3.39	3.51	26.10	14.16	
20171202_Great Victoria Desert_BJ67-94	2789	67	7/6	0.5200	0.0150	13.8800	0.5100	0.1956	0.0080	2694	62	2731	35	2789	67	99	3	312	27.7	458100	Below LOD	0.35	0.69	0.72	43.2	170.8	40.8	6830	0.14	1.9	7.7	0.24	9.44	8.60	10.07	
20171202_Great Victoria Desert_BJ67-96	2792	25	7/6	0.4985	0.0094	13.5800	0.2600	0.1960	0.0030	2606	40	2718	18	2792	25	96	2	389	39.5	432400	0.177	8.66	4.09	2.49	185.0	562.0	116.8	9990	1.27	53.2	89.4	0.60	6.31	32.50	12.55	
20171202_Great Victoria Desert_BJ67-98	2675	26	7/6	0.4940	0.0090	12.5900	0.2100	0.1825	0.0029	2587	39	2647	16	2675	26	98	2	236	20.1	429900	0.015	11.16	1.49	0.77	41.9	139.1	30.0	8160	0.40	81.8	100.1	0.82	7.16	7.99	7.63	
20171202_Great Victoria Desert_BJ67-100	2815	65	7/6	0.5240	0.0150	14.2500	0.5500	0.1987	0.0079	2711	61	2761	38	2815	65	98	3	161	13.2	456200	Below LOD	0.22	0.19	0.47	24.7	92.0	20.0	7570	0.06	4.1	9.2	0.45	8.10	4.64	5.20	
20171202_Great Victoria Desert_BJ67-101	2787	31	7/6	0.5662	0.0120	15.1700	0.3600	0.1954	0.0037	2890	51	2825	24	2787	31	102	2	113	14.0	447500	0.023	1.25	0.30	0.15	15.6	80.6	18.1	7670	0.15	8.6	31.8	0.27	11.59	3.39	3.65	
20171202_Great Victoria Desert_BJ67-108	2827	33	7/6	0.5321	0.0099	14.6100	0.3000	0.2002	0.0041	2749	42	2786	20	2827	33	99	2	154	14.7	453200	Below LOD	0.58	0.57	0.94	67.9	222.1	44.9	8190	0.08	12.7	24.3	0.52	6.61	11.98	4.98	
20171202_Great Victoria Desert_BJ67-109	2722	20	7/6	0.4655	0.0095	12.4400	0.2200	0.1878	0.0023	2462	42	2636	17	2722	20	93	2	174	20.3	418300	0.361	36.98	6.17	2.06	54.5	148.9	30.8	8420	0.23	224.4	156.9	1.43	5.66	10.45	5.60	
20171202_Great Victoria Desert_BJ67-114	3119	23	7/6	0.6020	0.0150	19.9300	0.6100	0.2399	0.0035	3036	60	3081	29	3119	23	99	2	229	6.2	433000	0.268	8.00	2.55	0.65	40.5	198.9	40.9	11930	1.40	16.1	120.0	0.13	10.09	8.57	7.37	
20171202_Great Victoria Desert_BJ67-115	2697	17	7/6	0.4714	0.0071	11.9400	0.1200	0.1849	0.0019	2484	31	2599	9	2697	17	96	1	197	10.1	445800	0.567	38.20	12.13	2.76	40.1	130.6	28.6	9310	0.22	221.0	161.2	1.37	7.13	8.64	6.34	
20171202_Great Victoria Desert_BJ67-117	2792	23	7/6	0.5284	0.0093	14.0700	0.2400	0.1960	0.0028	2734	39	2756	15	2792	23	99	2	283	36.6	467300	0.118	11.20	3.41	2.14	228.0	654.0	127.8	11900	2.80	103.6	153.2	0.68	5.61	38.54	9.14	
20171202_Great Victoria Desert_BJ67-121	2842	89	7/6	0.4820	0.0160	13.4200	0.6300	0.2020	0.0110	2528	70	2706	48	2842	89	93	3	134	22.4	459700	0.020	0.39	0.63	0.76	30.8	105.0	24.1	7630	0.06	1.9	5.3	0.37	7.82	5.78	4.33	
20171202_Great Victoria Desert_BJ67-123	2804	21	7/6	0.4999	0.0076	13.5300	0.1800	0.1974	0.0025	2613	33	2718	12	2804	21	96	1	300	14.6	468600	0.162	5.31	4.38	3.00	305.4	777.0	146.0	7870	1.02	82.8	131.8	0.63	4.78	48.80	9.69	
20171202_Great Victoria Desert_BJ67-127	2803	13	7/6	0.5201	0.0086	14.1000	0.1700	0.1973	0.0016	2699	36	2757	12	2803	13	98	1	790	18.1	443600	0.820	18.10	7.40	1.74	173.4	671.0	136.6	10670	1.81	103.0	176.6	0.58	7.88	33.11	25.48	
20171202_Great Victoria Desert_BJ67-129	2798	40	7/6	0.5166	0.0092	13.9600	0.3400	0.1967	0.0048	2684	39	2742	23	2798	40	98	2	281	17.9	445200	0.033	1.04	4.31	3.52	188.7	514.0	109.1	7060	0.26	12.9	21.6	0.60	5.78	31.98	9.06	
20171202_Great Victoria Desert_BJ67-130	2806	18	7/6	0.5140	0.0079	14.0100	0.1700	0.1976	0.0022	2673	34	2749	12	2806	18	97	1	236	11.1	456000	0.020	5.21	0.59	0.50	91.0	324.7	63.6	11370	2.96	33.8	95.8	0.35	6.99	16.53	7.61	
20171202_Great Victoria Desert_BJ67-131	2784	109	7/6	0.5440	0.0170	14.3900	0.9300	0.1950	0.0130	2807	66	2750	60	2784	109	102	3	202	23.8	459600	0.004	0.27	0.34	0.54	32.7	118.1	26.3	6940	0.13	1.6	4.3	0.36	8.04	6.18	6.52	
20171202_Great Victoria Desert_BJ67-132	2817	21	7/6	0.5164	0.0090	14.1900	0.2200	0.1990	0.0025	2683	38	2760	15	2817	21	97	1	177	13.6	446300	0.047	5.55	0.43	0.24	30.3	128.5	27.7	12040	0.30	26.2	50.3	0.52	9.14	6.16	5.71	
20171202_Great Victoria Desert_BJ67-133	2855	37	7/6	0.5066	0.0095	14.1000	0.2900	0.2036	0.0046	2641	40	2757	20	2855	37	96	2	238	55.8	448700	0.023	2.16	2.47	1.50	126.0	367.0	72.7	7360	0.45	20.3	38.1	0.53	5.77	21.37	7.68	
20171202_Great Victoria Desert_BJ67-135	2919	58	7/6	0.5250	0.0160	15.2400	0.5900	0.2119	0.0076	2714	65	2818	37	2919	58	96	3	181	31.4	469300	0.045	0.67	1.62	1.79	86.9	259.0	56.6	7650	0.15	6.8	11.5	0.59	6.51	15.32	5.84	
20171202_Great Victoria Desert_BJ67-136	2965	89	7/6	0.5040	0.0200	15.3700	0.6900	0.2180	0.0120	2624	84	2839	48	2965	89	92	3	233	70.5	425700	0.134	0.66	1.27	1.11	55.6	174.8	38.5	6424	0.12	5.5	8.4	0.66	6.92	10.01	7.52	
20171202_Great Victoria Desert_BJ67-138	2792	18	7/6	0.5209	0.0087	14.1300	0.1900	0.1959	0.0021	2702	37	2757	13	2792	18	98	1	188	26.5	452200	0.012	3.21	1.40	0.80	84.2	232.8	45.3	8120	0.20	120.0	119.7	1.00	5.38	14.02	6.05	
20171202_Great Victoria Desert_BJ67-141	2855	60	7/6	0.5310	0.0150	14.8300	0.5100	0.2037	0.0075	2741	61	2794	33	2855	60	98	2	184	24.9	453300	0.014	0.62	1.43	1.42	69.1	203.7	43.7	7290	0.13	4.6	8.1	0.56	6.32	12.07	5.93	
20171202_Great Victoria Desert_BJ67-143	2622	32	7/6	0.4816	0.0087	11.7200	0.2100	0.1768	0.0034	2533	38	2582	18	2622	32	98	2	263	22.0	452100	Below LOD	5.63	2.05	0.71	68.9	182.0	35.9	8550	0.50	30.0	47.8	0.63	5.21	11.42	8.49	
20180427_Great Victoria Desert_CPL17-1	1574	87	7/6	0.2631	0.0069	3.4890	0.2100	0.0974	0.0045	1506	36	1523	48	1574	87	99	4	368	13.5	435200	0.139	31.70	3.14	1.35	110.2	424.0	88.8	10350	1.04	172.1	187.3	0.92	8.06	21.88	11.87	
20180427_Great Victoria Desert_CPL17-2	1568	87	7/6	0.2575	0.0070	3.4280	0.2100	0.0971	0.0045	1477	36	1510	48	1568	87	98	4	542	24.1	366500	0.070	12.16	3.20	0.29	146.8	415.0	79.2	8770	1.40	230.4	301.0	0.77	5.40	24.65	17.48	
20180427_Great Victoria Desert_CPL17-4	1120	111	7/6	0.1951	0.0053	2.0430	0.1300	0.0770	0.0043	1149	28	1125	45	1120	111	102	5	269	29.3	419200	0.007	43.59	1.28	0.43	60.4	214.1	42.8	10580	2.21	70.1	62.9	1.11	7.08	12.38	8.69	
20180427_Great Victoria Desert_CPL17-5	1199	94	7/6	0.1972	0.0052	2.1550	0.1300	0.0801	0.0038	1160	28	1164	42	1199	94	100	4	541	13.8	422800	0.117	37.08	10.50	1.28	190.0	454.0	87.7	10840	3.98	189.0	134.1	1.41	4.62	31.15	17.45	
20180427_Great Victoria Desert_CPL17-6	1041	93	7/6	0.1608	0.0042	1.6220	0.0960	0.0740	0.0034	961	23	978	37	1041	93	98	4	331	21.2	410200	0.255	20.50	8.50	1.30	141.2	374.0	72.8	8720	0.93	331.0	350.0	0.95	5.16	23.71	10.68	
20180427_Great Victoria Desert_CPL17-7	1433	87	7/6	0.2479	0.0064	3.0560	0.1800	0.0904	0.0041	1428	33	1420	45	1433	87	101	4	633	26.8	409100	0.035	7.72	1.33	0.32	121.2	426.4	84.3	10580	0.77	108.8	155.1	0.70	6.96	22.00	20.42	S
20180427_Great Victoria Desert_CPL17-9	1176	90	7/6	0.2012	0.0051	2.1760	0.1300	0.0792	0.0036	1182	28	1172	41	1176	90	101	4	215	30.7	407800	0.086	19.48	0.96	0.34	31.4	159.5	35.2	9900	1.27	146.6	270.0	0.54	11.19	7.33	6.94	
20180427_Great Victoria Desert_CPL17-10	1149	102	7/6	0.1638	0.0058	1.7430	0.1100	0.0781	0.0040	978	32	1022	42	1149	102	96	5	248	19.7	419000	0.141	15.00	2.70	0.47	60.2	157.0	30.4	9830	0.99	95.0	164.0	0.58	5.05	10.25	8.00	
20180427_Great Victoria Desert_CPL17-12	1166	93	7/6	0.1952	0.0052	2.1310	0.1300	0.0788	0.0037	1149	28	1157	41	1166	93	99	4	254	7.9	418300	0.265	21.81	3.06	0.45	52.0	173.4	34.2	10330	1.42	146.9	169.9	0.86	6.58	9.90	8.20	
20180427_Great Victoria Desert_CPL17-14	1164	96	7/6	0.1940	0.0053	2.1170	0.1300	0.0787	0.0038	1143	29	1151	43	1164	96	99	4	362	14.6	423700	0.041	46.60	2.63	1.00	96.3	319.7	63.6	10060	1.77	124.9	103.4	1.21	6.60	18.57	11.68	
20180427_Great Victoria Desert_CPL17-16	1349	112	7/6	0.2039	0.0056	2.4410	0.1600	0.0865	0.0050	1196	30	1248	49	1349	112	96	4	341	25.7	417900	0.039	17.32	1.63	0.57	52.9	170.6	34.6	9220	0.70	61.6	55.9	1.10	6.54	9.89	11.00	
20180427_Great Victoria Desert_CPL17-17	557	14	Pbcor6/38	0.0906	0.0024	0.7750	0.0510	0.0619	0.0034	559	14	581	29	670	118	100	5	106	17.0	449600	0.020	26.80	0.74	0.59	26.2	93.8	20.5	13590	1.78	156.0	238.0	0.66	7.82	5.81	3.40	
20180427_Great Victoria Desert_CPL17-18	1375	88	7/6	0.2022	0.0062	2.4620	0.1500	0.0877	0.0040	1187	33	1258	45	1375	88	94	4	403	26.4	415400	0.905	33.00	9.20	2.98	127.3	366.2	74.0	7900	1.18	191.0	255.0	0.75	5.81	22.75	13.00	
20180427_Great Victoria Desert_CPL17-19	1353	116	7/6	0.1933	0.0054	2.3160	0.1600	0.0867	0.0052	1139	29	1211	48	1353	116	94	4	280	27.4	430200	0.029	27.82	1.00	0.46	42.6	174.6	36.4	10050	1.22	45.3	34.6	1.31	8.53	9.14	9.02	
20180427_Great Victoria Desert_CPL17-20	511	13	Pbcor6/38	0.0827	0.0022	0.6740	0.0420	0.0587	0.0029	512	13	523	25	555	108	99	5	185	37.9	424000	0.137	20.16	1.47	0.15	64.2	182.6	34.8	10830	2.70	320.7	481.3	0.67	5.42	11.30	5.98	
20180427_Great Victoria Desert_CPL17-21	1563	83	7/6	0.2472	0.0064	3.3330	0.2000	0.0968	0.0043	1424	33	1488	45	1563	83	96	4	1158	55.5	405200	0.850	28.00	10.73	2.42	253.5	740.0	143.2	10190	1.11	238.0	313.0	0.76	5.65	43.50	37.35	S
20180427_Great Victoria Desert_CPL17-22	1191	92	7/6	0.2017	0.0053	2.2380	0.1300	0.0798	0.0037	1184	28	1191	42	1191	92	99	4	252	18.1	429200	0.017	6.50	0.82	0.27	48.3	158.7	31.5	10240	1.29	80.8	163.0	0.50	6.52	8.70	8.12	
20180427_Great Victoria Desert_CPL17-23	1479	84	7/6	0.2437	0.0062	3.1400	0.1800	0.0926	0.0041	1406	32	1442	45	1479	84	98	4	387	32.5	411500	0.050	12.69	1.12	0.20	81.5	281.2	56.7	10290	1.44	191.5	308.7	0.62	6.96	15.05	12.48	
20180427_Great Victoria Desert_CPL17-24	1620	97	7/6	0.2605	0.0081	3.6400	0.2400	0.0998	0.0052	1492	41	1554	54	1620	97	96	4	555	22.8	387800	0.713	23.30	7.90	2.29	76.0	200.0	39.2	7767	0.94	93.6	110.2	0.85	5.16	13.25	17.90	
20180427_Great Victoria Desert_CPL17-26	1312	103	7/6	0.2272	0.0064	2.6980	0.1800	0.0849	0.0045	1320	34	1325	49	1312	103	100	4	369	14.7	390700	0.453	17.60	5.35	1.48	107.9	276.0	54.5	8130	0.51	146.3	156.0	0.94	5.05	18.09	11.90	
20180427_Great Victoria Desert_CPL17-27	1627	89	7/6	0.2476	0.0073	3.4590	0.2200	0.1002	0.0048	1426	38	1515	50	1627	89	94	4	498	23.3	404000	0.210	29.50	2.28	0.71	93.3	346.6	71.8	9800	1.05	129.9	141.3	0.92	7.70	18.33	16.06	S
20180427_Great Victoria Desert_CPL17-28	1081	90	7/6	0.1782	0.0048	1.8720	0.1100	0.0755	0.0034	1057	26	1070	39	1081	90	99	4	561	39.3	418800	0.224	31.60	3.60	0.91	92.4	207.6	38.0	11320	0.80	101.4	308.5	0.33	4.11	15.12	18.10	S
20180427_Great Victoria Desert_CPL17-29	1199	91	7/6	0.2094	0.0060	2.3410	0.1400	0.0801	0.0037	1225	32	1222	44	1199	91	100	4	264	27.8	405500	0.153	23.86	1.48	0.50	41.4	214.4	46.2	10530	1.50	154.7	213.2	0.73	11.16	9.58	8.52	
20180427_Great Victoria Desert_CPL17-30	1549	88	7/6	0.2707	0.0075	3.6230	0.2200	0.0961	0.0045	1544	38	1551	48	1549	88	100	4	304	10.4	420600	0.015	31.30	0.86	0.64	76.8	351.0	75.3	10510	1.21	89.0	110.6	0.80	9.80	16.58	9.81	
20180427_Great Victoria Desert_CPL17-33	1089	132	7/6	0.1861	0.0059	1.9580	0.1500	0.0758	0.0050	1099	32	1088	53	1089	132	101	6	423	30.3	431600	0.083	35.23	2.15	0.63	83.4	300.1	59.5	10050	0.99	54.0	24.9	2.17	7.13	16.29	13.64	
20180427_Great Victoria Desert_CPL17-34	1456	85	7/6	0.2454	0.0063	3.1270	0.1800	0.0915	0.0041	1415	33	1438	45	1456	85	98	4	344	9.5	432600	0.010	30.40	0.77	0.40	83.5	329.0	68.5	10880	1.64	137.7	178.0	0.77	8.20	16.87	11.10	
20180427_Great Victoria Desert_CPL17-35	1194	101	7/6	0.1811	0.0053	2.0190	0.1300	0.0799	0.0041	1073	29	1120	44	1194	101	96	5	301	32.8	428000	0.080	14.98	1.79	0.43	64.7	182.8	35.5	9940	1.15	148.3	145.2	1.02	5.48	11.25	9.71	
20180427_Great Victoria Desert_CPL17-36	1216	93	7/6	0.1912	0.0052	2.1660	0.1300	0.0808	0.0038	1128	28	1169	43	1216	93	96	4	290	43.0	422300	0.037	20.05	0.54	0.29	39.6	212.6	48.7	11160	2.70	148.3	341.0	0.43	12.32	9.37	9.36	
20180427_Great Victoria Desert_CPL17-37	1179	130	7/6	0.1864	0.0056	2.0600	0.1600	0.0793	0.0052	1101	30	1123	50	1179	130	98	5	304	15.7	426600	0.049	6.69	3.79	0.90	106.7	260.3	50.2	9470	1.65	33.8	46.4	0.73	4.71	17.12	9.81	
20180427_Great Victoria Desert_CPL17-38	1186	92	7/6	0.1958	0.0050	2.1750	0.1300	0.0796	0.0037	1153	27	1172	41	1186	92	98	4	361	21.4	398700	0.332	17.72	5.79	1.30	45.1	149.1	29.2	11070	0.88	193.5	282.5	0.68	6.48	8.55	11.64	
20180427_Great Victoria Desert_CPL17-39	885	21	Pbcor6/38	0.1475	0.0038	1.4510	0.0870	0.0705	0.0033	887	21	909	36	942	96	99	5	197	19.0	429800	0.018	7.57	0.62	0.08	41.1	160.7	31.7	10020	1.54	79.9	213.1	0.37	7.71	7.88	6.36	
20180427_Great Victoria Desert_CPL17-40	1169	93	7/6	0.1966	0.0052	2.1620	0.1300	0.0789	0.0037	1157	28	1167	42	1169	93	99	4	253	36.1	417800	0.045	17.98	3.41	0.46	78.6	222.0	43.9	9930	1.14	164.0	173.0	0.95	5.59	13.74	8.16	
20180427_Great Victoria Desert_CPL17-41	1228	111	7/6	0.1954	0.0061	2.2200	0.1700	0.0813	0.0046	1150	33	1184	52	1228	111	97	5	244	72.8	442400	0.400	30.22	4.67	1.04	49.2	240.0	55.2	11140	1.84	132.0	256.0	0.52	11.22	11.49	7.87	
20180427_Great Victoria Desert_CPL17-42	1934	82	7/6	0.3181	0.0085	5.2900	0.3200	0.1186	0.0054	1780	41	1866	51	1934	82	95	3	661	50.4	394300	0.038	7.18	1.17	0.40	97.4	356.0	72.8	10140	0.57	80.5	238.5	0.34	7.47	18.14	21.32	S
20180427_Great Victoria Desert_CPL17-44	708	22	Pbcor6/38	0.1164	0.0037	1.0540	0.0720	0.0648	0.0035	710	22	728	36	767	114	99	6	281	55.6	410300	0.110	8.74	1.93	0.49	83.5	224.9	44.2	9450	0.79	71.3	189.0	0.38	5.29	14.01	9.06	
20180427_Great Victoria Desert_CPL17-45	1161	93	7/6	0.1853	0.0048	2.0310	0.1200	0.0786	0.0037	1096	26	1124	41	1161	93	97	4	298	44.3	427500	0.046	27.40	1.11	0.33	52.1	212.5	43.9	10770	1.79	136.7	152.6	0.90	8.42	10.90	9.60	
20180427_Great Victoria Desert_CPL17-46	1228	87	7/6	0.1992	0.0062	2.2630	0.1400	0.0813	0.0036	1170	33	1197	43	1228	87	98	4	622	36.6	428200	4.380	39.50	44.80	7.71	173.2	326.5	63.1	10280	4.78	257.0	413.0	0.62	3.64	27.06	20.06	
20180427_Great Victoria Desert_CPL17-47	1105	94	7/6	0.1864	0.0049	1.9910	0.1200	0.0764	0.0036	1102	27	1111	41	1105	94	99	4	651	20.6	399900	0.176	19.38	5.17	0.72	120.6	288.0	53.7	9900	0.67	234.3	273.0	0.86	4.45	19.42	21.00	S
20180427_Great Victoria Desert_CPL17-49	1166	88	7/6	0.1922	0.0050	2.1190	0.1200	0.0788	0.0035	1133	27	1154	40	1166	88	98	4	282	67.3	404500	0.081	19.90	1.44	0.26	64.4	243.4	48.6	10200	1.72	251.3	393.0	0.64	7.54	12.55	9.09	
20180427_Great Victoria Desert_CPL17-50	1196	94	7/6	0.2006	0.0055	2.2400	0.1400	0.0800	0.0038	1178	29	1191	44	1196	94	99	4	266	23.8	423500	0.045	47.71	1.82	0.83	61.6	189.1	38.1	10070	1.03	181.5	162.0	1.12	6.19	12.26	8.59	
20180427_Great Victoria Desert_CPL17-52	116	4	Pbcor6/38	0.0184	0.0006	0.1480	0.0150	0.0577	0.0052	117	4	140	13	517	198	98	8	234	8.4	401600	0.049	19.50	1.75	1.59	67.5	409.0	101.8	8410	0.64	114.8	207.5	0.55	15.08	16.72	7.55	
20180427_Great Victoria Desert_CPL17-53	1555	88	7/6	0.2815	0.0074	3.7940	0.2300	0.0964	0.0045	1599	37	1590	48	1555	88	101	4	336	9.0	395400	0.192	22.50	1.31	0.64	67.6	274.3	58.4	8770	0.88	117.8	139.7	0.84	8.64	13.84	10.85	
20180427_Great Victoria Desert_CPL17-54	1303	92	7/6	0.2328	0.0063	2.7510	0.1700	0.0845	0.0040	1349	33	1341	45	1303	92	101	4	327	16.5	384100	0.209	17.60	2.39	0.76	65.2	195.9	38.8	8300	1.36	123.2	189.9	0.65	5.95	11.73	10.55	
20180427_Great Victoria Desert_CPL17-55	1230	94	7/6	0.1838	0.0050	2.0860	0.1300	0.0814	0.0039	1088	27	1142	42	1230	94	95	4	328	22.0	418600	0.191	27.85	2.23	0.56	53.5	183.3	36.5	10800	0.83	144.0	115.2	1.25	6.82	10.49	10.58	
20180427_Great Victoria Desert_CPL17-56	1136	95	7/6	0.2001	0.0058	2.1670	0.1400	0.0776	0.0037	1176	32	1167	44	1136	95	101	5	288	29.3	422700	0.015	15.80	1.56	0.49	84.5	272.0	53.9	10460	0.80	102.0	126.0	0.81	6.38	15.27	9.29	
20180427_Great Victoria Desert_CPL17-57	1131	111	7/6	0.1753	0.0050	1.8880	0.1200	0.0774	0.0043	1041	27	1072	44	1131	111	97	5	272	24.8	434100	0.041	8.10	2.52	0.62	102.8	270.3	50.6	9770	0.56	52.9	55.5	0.95	4.93	16.78	8.78	
20180427_Great Victoria Desert_CPL17-59	499	13	Pbcor6/38	0.0809	0.0023	0.7010	0.0520	0.0622	0.0039	501	13	535	31	680	134	99	6	216	30.6	422900	0.052	10.09	0.97	0.31	49.7	163.9	32.3	9300	0.60	69.7	101.7	0.69	6.51	9.07	6.96	
20180427_Great Victoria Desert_CPL17-60	1196	89	7/6	0.1941	0.0049	2.1630	0.1300	0.0800	0.0036	1144	27	1168	41	1196	89	98	4	373	23.3	426900	0.052	14.86	2.62	0.52	99.9	302.6	59.2	10210	1.22	176.9	208.2	0.85	5.93	17.51	12.02	
20180427_Great Victoria Desert_CPL17-61	1164	101	7/6	0.1972	0.0052	2.1600	0.1400	0.0787	0.0040	1160	28	1165	44	1164	101	100	4	258	19.8	418100	0.016	10.38	0.68	0.25	39.9	143.2	28.5	9730	1.02	57.2	100.0	0.57	7.14	7.57	8.31	
20180427_Great Victoria Desert_CPL17-62	1181	90	7/6	0.1900	0.0050	2.1010	0.1200	0.0794	0.0036	1121	27	1148	40	1181	90	98	4	344	18.5	436900	0.012	39.40	1.36	0.48	68.1	263.5	53.5	10530	1.82	172.4	243.0	0.71	7.86	14.06	11.10	
20180427_Great Victoria Desert_CPL17-64	1572	89	7/6	0.2522	0.0077	3.4250	0.2100	0.0973	0.0046	1449	40	1509	48	1572	89	96	4	316	23.6	391900	1.260	58.00	14.10	2.77	43.5	135.0	28.2	10402	0.93	104.0	149.9	0.69	6.48	9.70	10.19	
20180427_Great Victoria Desert_CPL17-65	853	21	Pbcor6/38	0.1418	0.0037	1.3700	0.0850	0.0694	0.0034	855	21	874	37	910	101	99	5	209	27.6	434500	0.039	7.00	0.86	0.12	40.3	146.4	29.3	10010	1.00	102.8	141.5	0.73	7.29	7.57	6.74	
20180427_Great Victoria Desert_CPL17-66	734	19	6/38	0.1207	0.0032	1.0720	0.0720	0.0639	0.0035	734	19	737	35	737	116	100	5	297	13.6	415800	0.079	8.96	4.78	0.56	138.9	304.0	56.1	9160	0.98	140.3	125.2	1.12	4.04	21.28	9.58	
20180427_Great Victoria Desert_CPL17-68	1287	91	7/6	0.1909	0.0050	2.2320	0.1300	0.0838	0.0039	1126	27	1190	42	1287	91	95	4	839	19.8	402000	0.649	31.30	12.41	4.13	99.0	241.0	46.2	9858	0.44	198.0	212.8	0.93	4.67	16.82	27.06	
20180427_Great Victoria Desert_CPL17-70	1734	83	7/6	0.3107	0.0082	4.5760	0.2700	0.1062	0.0048	1744	40	1744	48	1734	83	100	4	275	13.0	434900	0.069	33.10	2.05	0.83	74.0	237.0	47.6	10240	0.87	170.7	169.0	1.01	6.43	14.07	8.88	
20180427_Great Victoria Desert_CPL17-72	1240	108	7/6	0.1994	0.0061	2.2730	0.1500	0.0818	0.0045	1172	33	1202	46	1240	108	98	5	358	26.2	401700	0.102	44.10	3.14	1.50	99.9	315.0	64.8	8980	1.47	167.0	208.0	0.80	6.49	19.04	11.55	
20180427_Great Victoria Desert_CPL17-75	2835	72	7/6	0.5166	0.0150	14.4300	0.8500	0.2012	0.0089	2683	63	2776	58	2835	72	97	3	464	39.9	436100	0.114	13.80	2.15	0.47	76.4	288.0	57.8	9470	1.73	72.0	84.2	0.86	7.57	14.57	14.97	
20180427_Great Victoria Desert_CPL17-77	1126	103	7/6	0.1839	0.0050	1.9690	0.1300	0.0772	0.0040	1088	27	1101	43	1126	103	99	5	336	35.1	432300	0.121	36.77	2.27	0.88	68.7	232.2	46.8	10100	1.35	79.1	58.9	1.34	6.80	13.50	10.85	
20180427_Great Victoria Desert_CPL17-78	1216	95	7/6	0.1900	0.0051	2.1330	0.1300	0.0808	0.0039	1121	28	1156	43	1216	95	97	4	261	36.7	428200	0.055	23.42	0.80	0.30	38.0	171.9	36.5	10450	1.36	83.4	143.1	0.58	9.58	8.41	8.42	
20180427_Great Victoria Desert_CPL17-80	1154	96	7/6	0.2027	0.0054	2.2040	0.1400	0.0783	0.0038	1190	29	1179	43	1154	96	101	4	280	26.2	430800	0.059	22.71	1.51	0.60	57.6	205.8	41.6	9680	0.86	82.6	118.5	0.70	7.23	11.25	9.04	
20180427_Great Victoria Desert_CPL17-81	1128	95	7/6	0.1924	0.0051	2.0630	0.1200	0.0773	0.0037	1134	27	1134	41	1128	95	100	4	255	15.1	434700	0.008	24.77	0.96	0.43	44.6	181.8	37.8	10320	1.22	89.0	142.8	0.62	8.47	9.40	8.23	
20180427_Great Victoria Desert_CPL17-83	1278	96	7/6	0.2010	0.0053	2.3270	0.1400	0.0834	0.0041	1181	28	1217	44	1278	96	97	4	293	22.6	433300	0.086	42.70	4.59	1.34	87.0	270.0	56.1	10480	1.42	130.6	133.0	0.98	6.45	16.69	9.45	
20180427_Great Victoria Desert_CPL17-85	901	22	Pbcor6/38	0.1506	0.0039	1.5140	0.0920	0.0722	0.0035	904	22	935	37	991	99	99	4	905	27.8	402400	0.379	18.22	7.52	1.15	229.7	530.7	97.4	9262	1.04	382.8	311.5	1.23	4.24	35.83	29.19	S
20180427_Great Victoria Desert_CPL17-86	2839	71	7/6	0.5273	0.0140	14.7500	0.8600	0.2016	0.0088	2729	59	2798	55	2839	71	98	3	365	25.2	450900	0.015	7.40	0.77	0.32	48.5	177.1	37.7	10070	0.33	36.0	97.9	0.37	7.78	9.29	11.78	
20180427_Great Victoria Desert_CPL17-87	1186	107	7/6	0.1984	0.0053	2.1880	0.1400	0.0796	0.0043	1167	29	1172	45	1186	107	100	5	185	11.9	443800	0.023	5.30	0.36	0.12	14.2	307.2	85.9	12290	1.74	14.8	68.1	0.22	60.49	6.58	5.95	
20180427_Great Victoria Desert_CPL17-88	1149	89	7/6	0.1906	0.0051	2.0650	0.1200	0.0781	0.0035	1125	28	1136	40	1149	89	99	4	391	20.9	439200	0.197	88.20	15.64	6.35	209.0	465.0	89.4	9090	0.88	499.0	279.0	1.79	4.28	35.26	12.61	
20180427_Great Victoria Desert_CPL17-91	1189	97	7/6	0.1981	0.0052	2.1860	0.1300	0.0797	0.0039	1165	28	1174	43	1189	97	99	4	241	29.3	439100	0.025	8.46	1.16	0.22	45.0	127.0	24.5	10090	0.51	72.7	94.8	0.77	5.45	7.74	7.77	
20180427_Great Victoria Desert_CPL17-92	1423	91	7/6	0.2273	0.0067	2.8390	0.1800	0.0899	0.0043	1319	35	1360	49	1423	91	97	4	149	13.2	444200	0.030	9.61	0.41	0.31	17.6	93.1	22.3	9988	0.41	27.4	92.2	0.30	12.65	4.24	4.79	
20180427_Great Victoria Desert_CPL17-93	1442	120	7/6	0.2083	0.0062	2.6300	0.1900	0.0908	0.0057	1220	33	1304	54	1442	120	94	5	500	35.1	410100	0.606	53.70	7.47	3.48	109.1	264.2	53.4	7135	0.57	96.1	76.0	1.26	4.89	19.40	16.13	S
20180427_Great Victoria Desert_CPL17-95	1099	108	7/6	0.1730	0.0049	1.8310	0.1200	0.0762	0.0041	1029	27	1054	43	1099	108	98	5	194	69.0	399900	0.104	10.08	0.73	0.12	40.0	158.1	31.2	10250	3.17	55.4	141.9	0.39	7.79	7.80	6.25	
20180427_Great Victoria Desert_CPL17-97	1458	108	7/6	0.2040	0.0059	2.5800	0.1700	0.0916	0.0052	1197	32	1288	51	1458	108	93	4	202	26.2	434000	0.023	28.72	2.18	0.86	45.9	131.8	26.2	8980	0.42	43.0	47.1	0.91	5.71	8.71	6.50	
20180427_Great Victoria Desert_CPL17-98	1233	99	7/6	0.1935	0.0050	2.1840	0.1400	0.0815	0.0041	1140	27	1173	44	1233	99	97	4	267	35.2	421500	0.036	11.48	1.27	0.34	59.4	191.6	37.7	9520	0.87	68.7	99.2	0.69	6.35	10.73	8.60	
20180427_Great Victoria Desert_CPL17-100	1194	89	7/6	0.1865	0.0050	2.0610	0.1200	0.0799	0.0036	1102	27	1134	41	1194	89	97	4	351	30.6	447500	0.116	26.55	1.87	0.65	65.4	234.1	47.3	10160	1.41	148.2	195.2	0.76	7.24	12.80	11.33	
20180427_Great Victoria Desert_CPL17-101	1206	98	7/6	0.2029	0.0053	2.2560	0.1400	0.0804	0.0040	1191	29	1197	43	1206	98	99	4	292	18.6	411100	0.069	21.54	0.92	0.26	47.8	188.5	39.2	10370	1.42	118.8	192.4	0.62	8.19	9.79	9.43	
20180427_Great Victoria Desert_CPL17-102	1429	93	7/6	0.2155	0.0093	2.7300	0.2200	0.0902	0.0044	1255	49	1316	60	1429	93	95	6	843	57.3	423900	3.110	92.00	38.60	9.00	198.0	443.4	81.7	10650	1.65	330.0	566.0	0.58	4.13	33.55	27.19	
20180427_Great Victoria Desert_CPL17-103	1164	98	7/6	0.1898	0.0051	2.0600	0.1300	0.0787	0.0039	1120	28	1133	42	1164	98	99	4	301	23.7	428200	0.076	14.12	1.61	0.51	58.6	192.2	38.1	10070	1.14	99.0	126.7	0.78	6.50	10.77	9.72	
20180427_Great Victoria Desert_CPL17-104	1429	93	7/6	0.2234	0.0063	2.7930	0.1700	0.0902	0.0044	1300	33	1352	46	1429	93	96	4	398	21.3	398300	0.710	22.00	11.90	2.58	141.6	323.0	63.1	8410	0.73	181.0	259.0	0.70	4.46	22.86	12.84	
20180427_Great Victoria Desert_CPL17-105	1141	92	7/6	0.1947	0.0051	2.0920	0.1200	0.0778	0.0036	1147	28	1145	41	1141	92	100	4	259	32.9	429600	0.035	15.28	2.27	0.32	74.0	191.8	35.6	9900	1.31	191.0	179.3	1.07	4.81	12.30	8.36	
20180427_Great Victoria Desert_CPL17-106	1166	93	7/6	0.1893	0.0049	2.0590	0.1200	0.0788	0.0037	1118	27	1133	41	1166	93	99	4	286	29.8	432700	0.056	33.47	1.45	0.46	55.5	217.5	43.6	10070	1.51	145.0	202.2	0.72	7.86	11.51	9.24	
20180427_Great Victoria Desert_CPL17-107	1086	93	7/6	0.1835	0.0048	1.9180	0.1100	0.0757	0.0035	1086	26	1087	40	1086	93	100	4	506	37.2	419400	0.509	10.90	4.71	1.07	84.5	132.0	24.0	11830	0.46	60.0	313.0	0.19	2.84	11.92	16.32	
20180427_Great Victoria Desert_CPL17-108	1194	96	7/6	0.1968	0.0052	2.1690	0.1300	0.0799	0.0039	1158	28	1168	43	1194	96	99	4	259	27.8	438900	0.017	14.72	1.10	0.29	44.1	149.4	29.5	10190	0.81	76.5	97.2	0.79	6.70	8.31	8.35	
20180427_Great Victoria Desert_CPL17-109	1271	96	7/6	0.1877	0.0050	2.1510	0.1300	0.0831	0.0041	1109	27	1162	42	1271	96	95	4	334	23.2	450400	0.071	9.37	1.25	0.31	59.4	196.4	39.8	10640	1.09	74.4	105.2	0.71	6.70	10.84	10.76	
20180427_Great Victoria Desert_CPL17-110	2697	71	7/6	0.5113	0.0130	13.0400	0.7500	0.1849	0.0080	2662	57	2681	54	2697	71	99	3	363	24.3	426800	0.067	27.37	3.86	0.48	139.3	452.0	86.0	12240	2.57	269.0	344.0	0.78	6.17	24.95	11.72	
20180427_Great Victoria Desert_CPL17-111	866	23	Pbcor6/38	0.1445	0.0041	1.4280	0.0900	0.0718	0.0036	870	23	897	38	979	102	100	5	324	30.1	435200	0.079	10.02	5.79	1.50	140.0	320.0	60.7	8170	0.30	116.3	123.3	0.94	4.34	21.97	10.45	
20180427_Great Victoria Desert_CPL17-112	1218	92	7/6	0.1907	0.0050	2.1240	0.1300	0.0809	0.0038	1125	27	1155	41	1218	92	97	4	502	58.7	442900	0.089	26.60	4.73	0.98	152.4	418.1	81.7	9540	1.46	166.3	195.6	0.85	5.36	26.03	16.19	
20180427_Great Victoria Desert_CPL17-113	1107	97	7/6	0.1946	0.0052	2.0470	0.1300	0.0765	0.0037	1146	28	1128	42	1107	97	102	5	352	13.7	433500	0.039	14.60	3.25	0.37	167.4	483.0	87.2	10770	2.60	224.0	167.0	1.34	5.21	27.82	11.34	
20180427_Great Victoria Desert_CPL17-116	1557	91	7/6	0.2513	0.0070	3.3260	0.2100	0.0965	0.0047	1445	36	1486	47	1557	91	97	4	405	19.6	474100	0.644	96.90	10.36	2.98	78.1	252.4	51.8	11248	1.42	229.8	238.0	0.97	6.63	17.16	13.06	
20180427_Great Victoria Desert_CPL17-117	1164	103	7/6	0.1992	0.0054	2.1540	0.1400	0.0787	0.0041	1171	29	1162	44	1164	103	101	5	217	26.6	427300	0.040	7.29	0.74	0.21	41.9	170.1	34.9	10570	1.35	45.5	104.4	0.44	8.33	8.23	7.01	
20180427_Great Victoria Desert_CPL17-119	1555	86	7/6	0.2655	0.0071	3.5100	0.2100	0.0964	0.0044	1517	36	1528	46	1555	86	99	4	358	47.6	442700	0.054	15.89	0.95	0.57	70.1	366.0	83.7	10660	0.87	122.7	179.5	0.68	11.94	15.76	11.55	
20180427_Great Victoria Desert_CPL17-120	1342	90	7/6	0.2208	0.0063	2.6230	0.1700	0.0862	0.0040	1286	34	1304	48	1342	90	99	4	611	27.2	442800	0.082	23.30	4.24	0.93	263.0	848.0	161.4	11450	40.60	134.0	293.0	0.46	6.14	46.06	19.71	
20180427_Great Victoria Desert_CPL17-121	1469	93	7/6	0.2387	0.0074	3.0090	0.1900	0.0921	0.0045	1380	38	1408	50	1469	93	98	4	374	52.6	440200	0.108	20.30	1.23	0.20	70.9	270.5	54.3	11020	2.98	134.0	195.8	0.68	7.66	13.82	12.06	
20180427_Great Victoria Desert_CPL17-122	1149	117	7/6	0.1859	0.0052	1.9910	0.1400	0.0781	0.0046	1099	28	1104	49	1149	117	100	5	364	26.5	438100	0.040	40.40	2.02	0.49	80.1	302.0	60.9	10100	1.15	81.5	50.2	1.62	7.60	16.17	11.75	
20180427_Great Victoria Desert_CPL17-123	1174	95	7/6	0.2025	0.0054	2.1940	0.1300	0.0791	0.0038	1188	29	1177	43	1174	95	101	4	321	46.1	420700	0.120	28.42	2.01	0.71	47.6	149.9	29.3	9700	1.45	75.5	85.9	0.88	6.15	9.18	10.34	
20180427_Great Victoria Desert_CPL17-126	1179	95	7/6	0.1915	0.0051	2.0790	0.1300	0.0793	0.0038	1129	28	1139	42	1179	95	99	4	282	50.3	430800	0.035	16.21	1.23	0.33	46.9	159.8	31.9	9640	0.87	91.6	107.4	0.85	6.80	8.90	9.10	
20180427_Great Victoria Desert_CPL17-127	1266	99	7/6	0.1967	0.0052	2.2290	0.1400	0.0829	0.0042	1158	28	1186	44	1266	99	98	4	249	26.0	435100	0.031	11.10	1.16	0.30	46.2	148.6	30.1	9940	0.89	48.1	72.1	0.67	6.51	8.48	8.04	
20180427_Great Victoria Desert_CPL17-128	1154	96	7/6	0.1937	0.0050	2.0770	0.1300	0.0783	0.0038	1141	27	1139	43	1154	96	100	4	247	38.1	432500	0.014	11.86	0.71	0.20	44.5	165.3	33.1	10330	0.99	80.6	133.0	0.61	7.45	8.57	7.96	
20180427_Great Victoria Desert_CPL17-129	1128	95	7/6	0.1856	0.0050	1.9620	0.1200	0.0773	0.0037	1097	27	1101	41	1128	95	100	4	319	15.2	434900	0.427	21.59	5.67	2.39	75.5	198.0	38.8	10950	1.43	112.6	206.4	0.55	5.13	13.08	10.29	
20180427_Great Victoria Desert_CTJ20-1	1878	80	7/6	0.3300	0.0087	5.2410	0.3100	0.1149	0.0051	1838	42	1858	50	1878	80	99	3	245	10.5	433700	0.046	20.68	5.28	1.13	144.6	463.0	89.4	8300	0.84	153.9	144.3	1.07	6.18	25.67	7.91	
20180427_Great Victoria Desert_CTJ20-2	1353	100	7/6	0.2250	0.0060	2.6970	0.1700	0.0867	0.0045	1308	31	1324	47	1353	100	99	4	335	24.6	433800	0.088	40.40	4.00	1.57	79.1	235.0	46.2	8690	0.84	131.2	88.1	1.49	5.84	14.80	10.82	
20180427_Great Victoria Desert_CTJ20-3	1353	89	7/6	0.2328	0.0062	2.7930	0.1700	0.0867	0.0040	1349	32	1352	45	1353	89	100	4	349	9.1	430200	0.116	31.98	4.10	1.40	85.4	268.0	54.8	10630	0.72	259.6	148.3	1.75	6.42	16.03	11.27	
20180427_Great Victoria Desert_CTJ20-5	1662	83	7/6	0.2583	0.0068	3.6550	0.2200	0.1021	0.0046	1481	35	1560	48	1662	83	95	4	355	17.6	438000	0.163	15.40	8.60	2.58	110.3	274.0	52.4	9085	0.52	143.8	167.6	0.86	4.75	18.09	11.45	
20180427_Great Victoria Desert_CTJ20-6	1815	85	7/6	0.2848	0.0087	4.3800	0.2800	0.1110	0.0052	1615	43	1704	52	1815	85	95	4	328	17.8	448900	0.371	27.30	5.20	0.89	74.3	232.0	46.6	10830	1.07	191.0	128.3	1.49	6.27	13.83	10.58	
20180427_Great Victoria Desert_CTJ20-8	1282	93	7/6	0.2160	0.0055	2.5000	0.1500	0.0836	0.0040	1261	29	1270	44	1282	93	99	4	350	63.0	441400	0.031	16.93	2.71	0.95	108.4	325.7	64.8	9950	0.82	196.8	205.9	0.96	5.98	19.09	11.30	
20180427_Great Victoria Desert_CTJ20-9	2794	74	7/6	0.5166	0.0140	14.0600	0.8400	0.1962	0.0089	2683	61	2751	57	2794	74	98	3	286	13.0	433900	0.030	10.38	1.63	1.28	55.5	248.0	58.5	8830	0.26	41.9	63.1	0.66	10.54	11.89	9.23	
20180427_Great Victoria Desert_CTJ20-10	1431	99	7/6	0.2306	0.0063	2.8890	0.1900	0.0903	0.0047	1338	33	1373	49	1431	99	97	4	267	10.4	435900	0.010	13.29	0.62	0.32	50.1	204.0	41.3	9790	0.57	30.2	50.9	0.59	8.24	9.97	8.62	
20180427_Great Victoria Desert_CTJ20-11	1682	84	7/6	0.2744	0.0071	3.9410	0.2300	0.1032	0.0047	1563	36	1620	48	1682	84	96	4	373	16.6	430700	0.387	29.20	9.16	3.36	157.4	393.0	76.1	8240	0.59	178.8	130.4	1.37	4.83	26.20	12.03	
20180427_Great Victoria Desert_CTJ20-12	1976	81	7/6	0.3108	0.0083	5.2650	0.3100	0.1214	0.0055	1744	41	1862	51	1976	81	94	3	587	24.5	408100	0.768	38.70	13.90	3.71	104.9	333.0	66.5	9450	1.04	273.0	324.2	0.84	6.34	19.68	18.94	S
20180427_Great Victoria Desert_CTJ20-13	1169	90	7/6	0.1827	0.0048	2.0100	0.1200	0.0789	0.0036	1082	26	1118	40	1169	90	97	4	568	54.0	416000	0.620	53.40	11.59	4.65	183.1	444.0	84.6	9200	0.88	324.0	349.0	0.93	4.62	30.75	18.32	
20180427_Great Victoria Desert_CTJ20-16	1669	85	7/6	0.2797	0.0073	3.9970	0.2300	0.1025	0.0047	1590	37	1632	47	1669	85	97	4	264	12.7	430300	0.025	3.88	0.89	0.18	51.5	170.6	34.2	9470	0.57	73.6	175.5	0.42	6.63	9.23	8.51	
20180427_Great Victoria Desert_CTJ20-17	1823	85	7/6	0.2978	0.0081	4.6280	0.2800	0.1115	0.0052	1680	40	1752	51	1823	85	96	4	352	27.9	437900	0.187	39.00	6.29	2.72	88.2	208.7	40.6	8790	0.68	141.6	100.9	1.40	4.60	15.25	11.36	
20180427_Great Victoria Desert_CTJ20-18	1070	107	7/6	0.1610	0.0042	1.6870	0.1100	0.0751	0.0040	962	23	1000	42	1070	107	96	5	370	18.7	430700	0.370	30.60	15.21	3.27	170.8	326.6	58.4	9280	1.39	182.4	135.6	1.35	3.42	25.67	11.93	
20180427_Great Victoria Desert_CTJ20-19	1223	92	7/6	0.1820	0.0047	2.0610	0.1200	0.0811	0.0038	1078	26	1135	41	1223	92	95	4	321	70.0	418600	0.089	27.05	3.34	0.91	73.9	226.5	44.7	10488	2.50	295.5	331.1	0.89	6.05	13.60	10.35	
20180427_Great Victoria Desert_CTJ20-20	1181	97	7/6	0.1895	0.0050	2.1000	0.1300	0.0794	0.0039	1119	27	1146	42	1181	97	98	4	875	25.6	431200	0.013	6.66	1.04	0.31	130.0	523.0	105.0	11380	0.73	83.7	146.5	0.57	8.08	24.75	28.23	S
20180427_Great Victoria Desert_CTJ20-22	1467	85	7/6	0.2433	0.0063	3.1300	0.1800	0.0920	0.0041	1404	33	1439	45	1467	85	98	4	268	21.0	444800	0.018	8.61	3.72	1.16	150.6	371.0	71.4	8220	1.06	115.7	203.2	0.57	4.74	24.19	8.63	
20180427_Great Victoria Desert_CTJ20-23	1599	89	7/6	0.2661	0.0070	3.6780	0.2200	0.0987	0.0047	1521	36	1565	49	1599	89	97	4	1095	37.4	413400	0.089	11.70	1.78	0.48	162.2	623.5	126.4	10760	0.56	67.1	113.4	0.59	7.79	30.63	35.32	S
20180427_Great Victoria Desert_CTJ20-24	1757	85	7/6	0.2594	0.0089	3.9000	0.2500	0.1075	0.0050	1485	46	1608	52	1757	85	92	4	730	33.3	443000	4.490	162.00	50.00	10.90	208.0	393.0	73.3	9630	0.56	205.0	160.0	1.28	3.52	36.08	23.55	
20180427_Great Victoria Desert_CTJ20-25	1820	82	7/6	0.3110	0.0090	4.8570	0.2900	0.1113	0.0050	1745	44	1793	50	1820	82	97	4	831	72.0	425300	0.381	20.80	7.10	1.67	126.0	378.9	72.6	10680	0.56	131.3	171.3	0.77	5.76	22.00	26.81	S
20180427_Great Victoria Desert_CTJ20-26	1115	99	7/6	0.1737	0.0047	1.8680	0.1200	0.0768	0.0038	1032	26	1067	41	1115	99	97	4	373	32.0	444000	0.034	7.67	5.82	0.67	188.9	427.1	77.2	9000	0.83	201.8	132.2	1.53	4.09	28.88	12.04	
20180427_Great Victoria Desert_CTJ20-28	1225	102	7/6	0.1912	0.0056	2.1710	0.1400	0.0812	0.0042	1128	30	1167	45	1225	102	97	5	323	26.3	443900	0.013	36.70	2.54	1.40	92.8	295.0	59.1	9690	0.94	139.0	90.1	1.54	6.37	17.44	10.43	
20180427_Great Victoria Desert_CTJ20-30	1156	104	7/6	0.1669	0.0044	1.8330	0.1200	0.0784	0.0041	995	24	1054	41	1156	104	94	4	262	25.0	446900	0.031	11.45	1.98	0.23	84.0	233.8	44.3	10800	2.49	73.1	91.7	0.80	5.28	14.16	8.46	
20180427_Great Victoria Desert_CTJ20-31	1136	92	7/6	0.1924	0.0050	2.0930	0.1300	0.0776	0.0036	1134	27	1145	41	1136	92	99	4	254	17.9	433100	0.029	22.75	3.56	0.58	118.4	286.1	53.7	10290	1.40	289.4	239.9	1.21	4.54	19.29	8.19	
20180427_Great Victoria Desert_CTJ20-33	1610	88	7/6	0.2565	0.0069	3.5690	0.2200	0.0993	0.0047	1472	35	1540	49	1610	88	96	4	401	29.4	455600	0.018	18.64	0.84	0.39	62.4	242.7	51.1	10280	0.94	80.4	96.4	0.83	8.19	12.47	12.94	
20180427_Great Victoria Desert_CTJ20-35	1194	153	7/6	0.1839	0.0058	2.0400	0.1700	0.0799	0.0062	1087	31	1114	56	1194	153	98	6	277	40.9	437400	0.053	11.09	2.16	0.58	72.9	223.7	44.3	9050	0.56	45.1	28.2	1.60	6.08	12.89	8.94	
20180427_Great Victoria Desert_CTJ20-36	1161	98	7/6	0.1918	0.0053	2.1130	0.1300	0.0786	0.0039	1131	28	1150	43	1161	98	98	4	260	27.7	429300	0.055	20.18	4.20	0.80	87.0	203.0	36.9	9490	0.99	167.0	138.6	1.20	4.24	14.03	8.38	
20180427_Great Victoria Desert_CTJ20-38	1460	89	7/6	0.2311	0.0060	2.9840	0.1800	0.0917	0.0043	1340	31	1403	46	1460	89	96	4	524	15.8	408100	0.846	29.84	9.06	1.45	129.9	432.3	84.7	9840	2.27	272.1	327.8	0.83	6.52	23.87	16.90	

20180427_Great Victoria Desert_CTJ20-41	879	23	Pbcor6/38	0.1474	0.0041	1.5660	0.0940	0.0758	0.0035	886	23	955	37	1089	93	99	4	1308	68.3		437400	0.516	33.20	14.30		7.42	225.4	643.5	123.4	11770	1.38	261.0	332.3	0.78	5.47	38.74	42.19	S
20180427_Great Victoria Desert_CTJ20-44	1319	89	7/6	0.2147	0.0057	2.5540	0.1500	0.0852	0.0039	1253	30	1287	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-45	971	103	7/6	0.1614	0.0042	1.6160	0.1000	0.0715	0.0036	965	23	974	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-46	1113	102	7/6	0.1747	0.0047	1.8850	0.1200	0.0767	0.0039	1038	26	1075	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-47	1174	98	7/6	0.1983	0.0054	2.1920	0.1400	0.0791	0.0039	1166	29	1175	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-48	1164	101	7/6	0.1903	0.0056	2.0890	0.1300	0.0787	0.0040	1123	30	1143	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-50	934	23	Pbcor6/38	0.1583	0.0042	1.8510	0.1100	0.0837	0.0042	947	23	1062	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-51	1136	95	7/6	0.1899	0.0050	2.0560	0.1200	0.0776	0.0037	1121	27	1132	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-52	1254	126	7/6	0.1967	0.0067	2.2500	0.1700	0.0824	0.0053	1157	36	1195	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-53	1264	111	7/6	0.1988	0.0055	2.2910	0.1600	0.0828	0.0047	1169	30	1203	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-55	1651	89	7/6	0.2671	0.0071	3.7750	0.2300	0.1015	0.0049	1526	36	1584	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-58	1181	95	7/6	0.1906	0.0053	2.1030	0.1300	0.0794	0.0038	1124	28	1148	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-60	1324	91	7/6	0.1772	0.0056	2.1030	0.1300	0.0854	0.0040	1051	31	1146	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-61	1126	96	7/6	0.1726	0.0045	1.8430	0.1100	0.0772	0.0037	1026	25	1060	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-63	2681	75	7/6	0.4926	0.0130	12.4300	0.7400	0.1832	0.0083	2581	58	2635	56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-64	565	14	6/38	0.0915	0.0023	0.7470	0.0470	0.0594	0.0030	565	14	565	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-65	1833	94	7/6	0.2909	0.0079	4.4800	0.2900	0.1121	0.0058	1646	39	1726	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-66	674	18	Pbcor6/38	0.1105	0.0032	0.9800	0.0800	0.0648	0.0047	676	18	689	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-68	1757	87	7/6	0.3256	0.0087	4.8200	0.2900	0.1075	0.0051	1817	42	1787	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-70	1131	100	7/6	0.1913	0.0051	2.0280	0.1300	0.0774	0.0039	1128	28	1122	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-73	1141	92	7/6	0.1933	0.0050	2.0660	0.1200	0.0778	0.0036	1139	27	1136	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-74	633	16	Pbcor6/38	0.1039	0.0028	0.9480	0.0660	0.0664	0.0038	637	16	674	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-75	1184	104	7/6	0.1935	0.0052	2.1130	0.1400	0.0795	0.0042	1140	28	1149	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-76	1257	116	7/6	0.2244	0.0068	2.5300	0.1800	0.0825	0.0049	1305	36	1279	52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-77	1817	83	7/6	0.3000	0.0078	4.5780	0.2700	0.1111	0.0051	1691	38	1744	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-78	1115	96	7/6	0.1917	0.0050	2.0280	0.1200	0.0768	0.0037	1131	27	1124	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-79	1328	129	7/6	0.1808	0.0076	2.1300	0.1800	0.0856	0.0057	1070	41	1151	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-80	652	19	Pbcor6/38	0.1070	0.0033	0.9710	0.0860	0.0663	0.0053	655	19	676	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-81	1812	123	7/6	0.2612	0.0082	3.9600	0.3000	0.1108	0.0075	1495	42	1613	61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-82	2756	74	7/6	0.5272	0.0140	13.8700	0.8200	0.1917	0.0086	2729	58	2739	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-83	1306	94	7/6	0.2350	0.0061	2.7290	0.1700	0.0846	0.0041	1361	32	1334	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-84	1010	100	7/6	0.1608	0.0042	1.6090	0.1000	0.0729	0.0036	961	23	972	39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-85	1507	94	7/6	0.2562	0.0068	3.3010	0.2100	0.0940	0.0047	1470	35	1477	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-86	1254	90	7/6	0.1992	0.0052	2.2560	0.1300	0.0824	0.0038	1171	28	1198	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-87	1444	94	7/6	0.2387	0.0063	2.9870	0.1900	0.0909	0.0045	1380	33	1402	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-88	1218	97	7/6	0.1927	0.0050	2.1390	0.1300	0.0809	0.0040	1136	27	1159	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-92	668	17	Pbcor6/38	0.1094	0.0029	0.9490	0.0620	0.0634	0.0034	669	17	675	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-93	1174	93	7/6	0.1914	0.0051	2.0810	0.1300	0.0791	0.0037	1129	27	1142	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-94	1712	86	7/6	0.2995	0.0086	4.3300	0.2700	0.1049	0.0049	1688	42	1697	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-95	1218	117	7/6	0.1867	0.0051	2.0700	0.1500	0.0809	0.0048	1103	28	1133	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-96	1204	93	7/6	0.1995	0.0057	2.1940	0.1400	0.0803	0.0038	1172	30	1176	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-97	1115	101	7/6	0.1602	0.0042	1.6860	0.1100	0.0768	0.0039	958	23	1001	40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-98	1242	98	7/6	0.1838	0.0049	2.0700	0.1300	0.0819	0.0041	1088	27	1137	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-100	1545	106	7/6	0.2597	0.0077	3.4000	0.2300	0.0959	0.0054	1488	39	1496	54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-101	1745	113	7/6	0.2470	0.0066	3.6200	0.2700	0.1068	0.0066	1423	34	1549	58	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-102	1105	97	7/6	0.2007	0.0056	2.0940	0.1300	0.0764	0.0037	1179	30	1144	43	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-104	1310	96	7/6	0.2021	0.0055	2.3310	0.1400	0.0848	0.0042	1186	30	1221	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-105	1294	109	7/6	0.1978	0.0053	2.2700	0.1500	0.0841	0.0047	1164	29	1197	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-107	1078	117	7/6	0.1922	0.0058	1.9770	0.1400	0.0754	0.0044	1133	31	1098	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Victoria Desert_CTJ20-108	1373	101	7/6	0.2149	0.0063	2.5750	0.1700	0.0876	0.0046	1255	33	1292	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20180427_Great Sandy Desert_CTJ64-8	1797	91	7/6	0.3006	0.0080	4.4900	0.2900	0.1099	0.0055	1694	40	1727	54	1797	91	98	4	456	79.7		413300	0.251	7.71	3.01		0.91	146.0	400.5	76.8	9190	1.09	126.8	165.8	0.76	5.26	24.20	14.71	
20180427_Great Sandy Desert_CTJ64-9	1745	81	7/6	0.3023	0.0077	4.3640	0.2500	0.1068	0.0047	1703	38	1705	47	1745	81	100	4	374	39.8		455500	0.100	5.19	1.26		0.34	53.1	140.0	28.8	13710	1.16	132.9	742.0	0.18	5.42	8.97	12.06	
20180427_Great Sandy Desert_CTJ64-10	1885	80	7/6	0.3301	0.0090	5.1650	0.3100	0.1154	0.0051	1838	43	1845	51	1885	80	100	4	175	18.7		429700	0.089	11.34	1.55		0.47	30.9	138.4	29.7	10930	0.97	123.6	346.5	0.36	9.62	6.59	5.65	
20180427_Great Sandy Desert_CTJ64-11	1813	80	7/6	0.3359	0.0089	5.0490	0.3000	0.1109	0.0049	1867	43	1825	50	1813	80	102	4	660	8.9		436500	0.014	1.55	1.13		0.14	102.8	242.1	45.7	11900	0.44	54.0	339.0	0.16	4.45	16.03	21.29	
20180427_Great Sandy Desert_CTJ64-13	1605	83	7/6	0.2925	0.0082	3.9230	0.2300	0.0990	0.0044	1653	41	1617	48	1605	83	102	4	479	10.3		435000	0.030	7.70	1.64		0.17	100.4	312.7	58.7	10700	1.61	201.6	407.0	0.50	5.85	17.27	15.45	S
20180427_Great Sandy Desert_CTJ64-14	1741	81	7/6	0.3271	0.0090	4.7250	0.2800	0.1066	0.0047	1824	44	1770	50	1741	81	103	4	717	27.1		439200	0.131	7.58	2.45		0.43	124.6	423.7	82.1	11110	1.16	149.1	330.0	0.45	6.59	22.21	23.13	S
20180427_Great Sandy Desert_CTJ64-16	1621	86	7/6	0.2929	0.0079	3.9660	0.2400	0.0999	0.0046	1656	39	1625	48	1621	86	102	4	268	12.2		442000	0.017	8.72	2.84		0.36	117.6	267.0	50.0	9710	1.36	128.7	117.3	1.10	4.25	18.33	8.64	
20180427_Great Sandy Desert_CTJ64-17	1818	80	7/6	0.3302	0.0084	4.9830	0.2900	0.1112	0.0049	1839	41	1816	49	1818	80	101	4	689	59.0		419600	0.559	16.90	8.90		1.34	121.2	410.2	79.2	11120	0.95	304.9	744.0	0.41	6.53	21.91	22.23	S
20180427_Great Sandy Desert_CTJ64-19	1836	81	7/6	0.3234	0.0088	4.9330	0.2900	0.1123	0.0050	1806	43	1807	49	1836	81	100	4	341	16.1		433300	0.485	32.40	8.00		1.73	105.4	346.0	70.1	11100	1.30	379.0	436.4	0.87	6.65	19.78	11.00	
20180427_Great Sandy Desert_CTJ64-20	1738	81	7/6	0.3087	0.0085	4.4670	0.2600	0.1064	0.0047	1734	42	1724	49	1738	81	101	4	263	75.0		410900	0.090	21.02	1.28		0.49	65.0	268.0	56.0	10310	1.54	215.8	453.0	0.48	8.62	13.26	8.48	
20180427_Great Sandy Desert_CTJ64-21	1755	83	7/6	0.3389	0.0090	4.9400	0.2900	0.1074	0.0049	1881	44	1807	51	1755	83	104	4	198	8.5		443900	0.009	5.41	0.55		0.12	37.0	145.9	28.4	11180	1.32	56.1	102.0	0.55	7.68	7.04	6.37	
20180427_Great Sandy Desert_CTJ64-22	557	14	6/38	0.0902	0.0024	0.7420	0.0470	0.0604	0.0030	557	14	561	28	617	107	99	6	116	7.4		442400	0.020	2.86	0.42		0.20	23.6	73.0	15.5	10910	0.76	33.8	259.2	0.13	6.57	4.25	3.74	
20180427_Great Sandy Desert_CTJ64-24	1683	82	7/6	0.3048	0.0080	4.2830	0.2500	0.1033	0.0046	1715	40	1689	48	1683	82	102	4	233	7.2		436400	0.004	6.74	1.02		0.38	46.8	55.4	9.2	12060	0.68	122.0	395.0	0.31	1.97	5.99	7.50	
20180427_Great Sandy Desert_CTJ64-25	1570	85	7/6	0.2371	0.0062	3.1470	0.1800	0.0972	0.0044	1372	32	1444	46	1570	85	95	4	592	48.8		412700	0.768	59.60	11.60		3.69	72.3	240.3	51.4	9630	3.66	280.0	472.0	0.59	7.11	15.20	19.10	S
20180427_Great Sandy Desert_CTJ64-26	1118	93	7/6	0.1975	0.0051	2.0650	0.1200	0.0769	0.0036	1162	27	1136	41	1118	93	102	4	364	26.8		441000	0.234	23.81	3.68		0.52	106.0	299.3	57.1	10960	1.86	376.8	298.7	1.26	5.39	18.31	11.75	
20180427_Great Sandy Desert_CTJ64-28	2172	78	7/6	0.3815	0.0100	7.0900	0.4200	0.1357	0.0061	2083	47	2122	53	2172	78	98	3	364	20.3		415400	0.636	14.90	6.53		1.48	34.1	196.1	47.3	11720	0.95	243.0	478.0	0.51	13.87	8.40	11.74	
20180427_Great Sandy Desert_CTJ64-30	1748	84	7/6	0.3263	0.0092	4.7540	0.2900	0.1070	0.0049	1820	45	1774	52	1748	84	103	4	248	22.9		451600	0.046	10.70	2.24		0.68	103.8	281.0	53.7	10310	0.71	147.0	248.0	0.59	5.17	17.29	8.00	
20180427_Great Sandy Desert_CTJ64-31	1862	81	7/6	0.3336	0.0098	5.1680	0.3100	0.1139	0.0051	1855	47	1846	51	1862	81	100	4	254	13.9		450400	0.067	9.66	1.60		0.38	71.0	226.0	43.9	11260	0.92	138.0	285.0	0.48	6.18	12.58	8.19	
20180427_Great Sandy Desert_CTJ64-32	779	23	Pbcor6/38	0.1302	0.0040	1.3480	0.1200	0.0763	0.0065	789	23	847	54	1102	170	101	7	118	12.9		458900	0.009	7.16	0.99		0.21	54.9	155.3	28.9	7710	1.76	18.3	33.2	0.55	5.26	9.23	3.81	
20180427_Great Sandy Desert_CTJ64-33	1846	80	7/6	0.3271	0.0089	5.0290	0.3000	0.1129	0.0050	1824	43	1823	50	1846	80	100	4	275	17.6		455700	0.020	10.05	2.86		0.65	95.9	314.6	63.5	10200	1.01	158.9	322.0	0.49	6.62	17.27	8.86	
20180427_Great Sandy Desert_CTJ64-34	1218	102	7/6	0.1885	0.0050	2.0880	0.1400	0.0809	0.0042	1113	27	1142	46	1218	102	97	5	429	28.1		439000	0.213	58.00	5.11		1.54	89.6	281.6	57.8	9930	1.09	232.0	130.7	1.78	6.45	17.68	13.84	
20180427_Great Sandy Desert_CTJ64-35	538	14	Pbcor6/38	0.0873	0.0023	0.7170	0.0460	0.0602	0.0032	540	14	547	27	610	115	101	6	655	12.7		452600	0.085	55.60	3.72		1.43	143.6	628.0	132.9	11140	2.25	232.2	302.1	0.77	9.25	30.32	21.13	
20180427_Great Sandy Desert_CTJ64-36	1166	96	7/6	0.1981	0.0052	2.1310	0.1300	0.0788	0.0038	1165	28	1157	42	1166	96	101	4	259	12.4		437200	0.008	45.80	1.15		0.50	66.9	309.0	63.0	10190	1.62	201.0	195.5	1.03	9.42	14.87	8.35	
20180427_Great Sandy Desert_CTJ64-39	295	8	6/38	0.0468	0.0012	0.3400	0.0210	0.0533	0.0026	295	8	297	16	341	110	99	6	561	4.9		461900	0.097	18.82	3.24		0.71	299.0	934.0	177.5	11210	2.55	567.0	1095.0	0.52	5.94	51.54	18.10	
20180427_Great Sandy Desert_CTJ64-40	643	18	Pbcor6/38	0.1048	0.0031	0.8620	0.0610	0.0603	0.0036	642	18	627	32	613	129	101	6	90	8.2		443300	0.214	9.72	3.11		1.02	92.9	207.1	36.2	6280	1.64	63.7	83.1	0.77	3.90	14.23	2.89	
20180427_Great Sandy Desert_CTJ64-41	1030	107	7/6	0.1662	0.0045	1.6790	0.1100	0.0736	0.0039	991	25	998	42	1030	107	99	5	890	30.5		433600	0.064	3.04	4.80		0.59	194.4	480.0	90.9	9330	0.47	87.5	166.3	0.53	4.68	30.80	28.71	S
20180427_Great Sandy Desert_CTJ64-42	1208	105	7/6	0.1949	0.0054	2.1410	0.1400	0.0805	0.0043	1148	29	1160	45	1208	105	99	5	356	54.5		462300	0.046	19.12	1.81		0.32	79.4	267.0	51.5	10990	1.59	82.6	101.8	0.81	6.49	14.56	11.48	
20180427_Great Sandy Desert_CTJ64-43	459	13	Pbcor6/38	0.0743	0.0022	0.6200	0.0510	0.0611	0.0046	462	13	485	32	642	162	101	7	341	49.0		449700	0.169	14.06	4.00		1.88	66.5	166.7	32.6	9300	0.26	108.6	78.0	1.39	4.91	11.19	11.01	
20180427_Great Sandy Desert_CTJ64-44	306	9	Pbcor6/38	0.0487	0.0014	0.3610	0.0270	0.0541	0.0034	306	9	311	20	374	141	100	7	300	7.2		436000	0.042	20.34	3.32		1.23	147.8	469.0	92.5	9730	0.48	255.0	235.8	1.08	6.26	26.31	9.66	
20180427_Great Sandy Desert_CTJ64-45	1041	93	7/6	0.1760	0.0046	1.7860	0.1100	0.0740	0.0034	1045	25	1039	39	1041	93	101	4	1054	8.9		435100	0.151	1.14	1.06		0.16	172.9	434.0	80.0	11240	0.40	37.5	309.0	0.12	4.63	27.24	34.00	S
20180427_Great Sandy Desert_CTJ64-46	288	9	Pbcor6/38	0.0456	0.0014	0.3160	0.0240	0.0506	0.0032	287	9	278	19	222	146	101	8	255	6.7		477600	Below LOD	13.36	2.24		0.25	155.0	408.0	73.4	11510	1.97	183.6	422.2	0.43	4.74	24.98	8.23	
20180427_Great Sandy Desert_CTJ64-47	1141	92	7/6	0.1856	0.0048	1.9810	0.1200	0.0778	0.0036	1098	26	1108	40	1141	92	99	4	390	29.3		427100	0.052	60.76	2.13		0.35	101.6	431.6	84.4	11730	7.78	417.9	264.9	1.58	8.31	21.41	12.58	
20180427_Great Sandy Desert_CTJ64-48	2101	78	7/6	0.3954	0.0110	7.0900	0.4200	0.1303	0.0058	2148	50	2121	52	2101	78	101	3	219	9.0		420700	0.231	9.22	1.83		0.38	36.1	148.1	30.3	9380	1.84	96.1	252.0	0.38	8.39	7.23	7.05	
20180427_Great Sandy Desert_CTJ64-49	453	12	Pbcor6/38	0.0727	0.0019	0.5530	0.0350	0.0554	0.0028	452	12	446	23	427	113	100	6	96	4.2		441400	0.005	0.88	0.56		0.56	27.5	34.4	5.2	9200	0.23	81.7	429.2	0.19	1.90	3.40	3.10	
20180427_Great Sandy Desert_CTJ64-50	1729	83	7/6	0.3088	0.0079	4.4910	0.2600	0.1059	0.0048	1735	39	1728	49	1729	83	100	4	582	11.2		445600	0.019	11.55	2.05		0.82	114.3	377.0	75.1	10320	1.01	114.0	209.0	0.55	6.57	20.52	18.77	S
20180427_Great Sandy Desert_CTJ64-51	335	10	Pbcor6/38	0.0533	0.0017	0.3860	0.0270	0.0529	0.0033	335	10	331	19	324	142	101	7	252	9.1		439600	0.236	37.50	3.81		1.55	117.1	358.0	70.6	9940	0.62	324.0	269.0	1.20	6.03	21.35	8.14	
20180427_Great Sandy Desert_CTJ64-52	2349	77	7/6	0.4299	0.0110	8.8900	0.5200	0.1503	0.0068	2305	50	2325	55	2349	77	99	3	206	10.5		436400	0.087	17.50	3.21		0.98	48.6	138.9	27.9	7522	0.48	88.0	128.4	0.69	5.73	8.80	6.65	
20180427_Great Sandy Desert_CTJ64-53	1605	83	7/6	0.2866	0.0078	3.9040	0.2300	0.0990	0.0044	1624	39	1613	48	1605	83	101	4	936	16.9		447900	0.009	2.72	1.92		0.16	180.8	512.0	97.5	10720	0.83	100.6	288.0	0.35	5.39	29.93	30.19	S
20180427_Great Sandy Desert_CTJ64-54	1589	84	7/6	0.2837	0.0072	3.8390	0.2200	0.0982	0.0044	1610	36	1600	46	1589	84	101	4	865	14.4		453600	0.041	5.86	2.12		0.57	158.2	476.0	89.1	11170	0.82	124.9	246.0	0.51	5.63	26.69	27.90	S
20180427_Great Sandy Desert_CTJ64-55	346	9	Pbcor6/38	0.0557	0.0015	0.4650	0.0330	0.0607	0.0037	349	9	386	23	628	131	100	6	469	24.4		451100	0.101	18.06	3.39		1.45	133.1	581.0	129.4	10111	0.50	274.0	309.8	0.88	9.72	27.44	15.13	
20180427_Great Sandy Desert_CTJ64-56	636	27	Pbcor6/38	0.1049	0.0046	1.0100	0.1200	0.0707	0.0085	643	27	695	64	948	246	101	9	57	53.0		474000	0.026	0.74	0.23		0.15	10.9	184.0	45.8	14720	1.40	5.5	24.3	0.23	42.21	4.09	1.85	
20180427_Great Sandy Desert_CTJ64-57	591	15	Pbcor6/38	0.0960	0.0025	0.7890	0.0480	0.0596	0.0029	591	15	589	27	588	106	100	5	512	7.1		439000	0.011	5.07	0.78		0.11	100.6	374.0	73.3	12340	1.58	121.1	407.0	0.30	7.29	18.49	16.52	S
20180427_Great Sandy Desert_CTJ64-59	445	12	Pbcor6/38	0.0713	0.0020	0.5290	0.0340	0.0538	0.0028	444	12	430	23	362	117	100	6	426	15.0		429600	0.007	11.80	0.73		0.45	67.9	346.0	76.1	10060	1.09	163.0	355.0	0.46	11.21	14.80	13.74	
20180427_Great Sandy Desert_CTJ64-60	1038	107	7/6	0.1912	0.0054	1.9470	0.1300	0.0739	0.0039	1128	29	1093	43	1038	107	103	5	272	12.3		443400	0.016	13.93	1.42		0.36	94.9	314.0	61.0	11250	1.47	96.7	110.0	0.88	6.43	17.06	8.77	
20180427_Great Sandy Desert_CTJ64-61	1715	82	7/6	0.3097	0.0081	4.5040	0.2600	0.1051	0.0047	1739	40	1730	48	1715	82	101	4	800	10.3		436200	0.038	3.67	1.20		0.30	128.0	407.0	77.5	11150	0.63	73.8	377.0	0.20	6.05	22.06	25.81	S
20180427_Great Sandy Desert_CTJ64-62	2005	81	7/6	0.3172	0.0087	5.4130	0.3200	0.1234	0.0056	1776	42	1885	51	2005	81	94	3	298	18.2		447400	0.057	15.21	1.40		0.62	32.0	112.1	25.0	11220	0.48	97.0	235.0	0.41	7.82	6.50	9.61	
20180427_Great Sandy Desert_CTJ64-63	427	13	Pbcor6/38	0.0687	0.0022	0.5550	0.0560	0.0587	0.0056	428	13	441	36	555	208	100	8	197	25.0		431700	0.023	7.68	0.44		0.30	43.1	165.7	34.3	9200	0.42	55.6	75.0	0.74	7.97	8.36	6.35	
20180427_Great Sandy Desert_CTJ64-64	979	94	7/6	0.1622	0.0042	1.6120	0.0950	0.0718	0.0033	969	23	974	37	979	94	99	4	158	9.2		436400	0.013	15.13	1.67		0.08	95.8	275.0	51.5	9218	2.60	125.9	341.9	0.37	5.38	16.30	5.09	
20180427_Great Sandy Desert_CTJ64-65	798	21	Pbcor6/38	0.1322	0.0036	1.2510	0.0900	0.0684	0.0041	801	21	817	40	880	124	100	5	126	24.0		447900	0.212	16.20	16.40		0.80	163.9	299.0	57.2	6727	1.72	93.2	86.4	1.08	3.49	24.25	4.06	
20180427_Great Sandy Desert_CTJ64-66	1156	121	7/6	0.1931	0.0057	2.0860	0.1500	0.0784	0.0048	1138	31	1135	48	1156	121	100	5	236	20.5		446000	0.005	23.34	0.69		0.42	39.9	176.6	36.8	10162	0.71	58.7	54.9	1.07	9.21	8.68	7.60	
20180427_Great Sandy Desert_CTJ64-67	1548	82	7/6	0.2747	0.0072	3.6530	0.2100	0.0960	0.0042	1564	36	1560	46	1548	82	100	4	226	6.9		436700	0.019	4.00	0.67		0.24	44.1	44.6	7.3	13630	0.97	67.8	543.6	0.12	1.65	5.32	7.28	
20180427_Great Sandy Desert_CTJ64-68	1120	104	7/6	0.1863	0.0052	1.9790	0.1300	0.0770	0.0040	1101	28	1105	43	1120	104	100	5	457	40.0		451600	0.070	26.62	4.26		0.95	127.6	346.0	68.2	10730	1.11	127.5	101.0	1.26	5.34	21.92	14.74	
20180427_Great Sandy Desert_CTJ64-71	1825	80	7/6	0.3356	0.0093	5.1900	0.3100	0.1116	0.0049	1865	45	1848	50	1825	80	101	4	443	5.0		445200	0.088	7.82	1.54		0.36	66.7	204.0	38.9	11580	1.14	69.8	352.0	0.20	5.83	11.56	14.29	
20180427_Great Sandy Desert_CTJ64-73	1698	115	7/6	0.2916	0.0086	4.1800	0.3000	0.1041	0.0065	1649	43	1665	60	1698	115	99	4	230	68.0		447500	0.086	13.36	1.83		1.21	65.8	192.5	38.5	8910	0.49	60.0	64.1	0.94	5.85	11.64	7.42	
20180427_Great Sandy Desert_CTJ64-74	374	11	Pbcor6/38	0.0600	0.0018	0.4800	0.0350	0.0579	0.0037	375	11	395	24	525	140	100	6	1180	9.0		439100	0.051	5.60	1.22		0.27	165.0	745.0	150.0	11530	1.44	72.5	260.0	0.28	9.09	32.62	38.06	S
20180427_Great Sandy Desert_CTJ64-76	1765	81	7/6	0.3032	0.0084	4.5400	0.2700	0.1080	0.0048	1707	41	1737	49	1765	81	98	4	815	17.0		451100	0.015	8.23	3.26		0.58	168.0	443.0	85.6	11010	0.53	193.0	239.0	0.81	5.10	27.52	26.29	S
20180427_Great Sandy Desert_CTJ64-77	1919	82	7/6	0.3385	0.0087	5.5100	0.3400	0.1176	0.0054	1879	42	1900	50	1919	82	99	3	715	16.7		465200	0.103	4.24	2.57		0.43	112.2	278.0	54.1	12730	0.71	74.9	493.0	0.15	4.82	18.03	23.06	S
20180427_Great Sandy Desert_CTJ64-78	1809	81	7/6	0.3224	0.0090	4.9370	0.2900	0.1106	0.0049	1801	44	1807	51	1809	81	100	4	985	41.2		448700	0.132	3.90	3.57		0.37	180.0	548.0	106.9	11240	0.88	102.8	475.0	0.22	5.94	30.78	31.77	S
20180427_Great Sandy Desert_CTJ64-79	1753	84	7/6	0.3089	0.0083	4.5790	0.2700	0.1073	0.0049	1735	41	1745	49	1753	84	99	4	1060	19.8		462800	0.489	9.98	6.39		1.30	225.0	421.0	71.0	12200	1.06	148.9	441.8	0.34	3.16	31.95	34.19	S
20180427_Great Sandy Desert_CTJ64-80	1931	85	7/6	0.3238	0.0110	5.3300	0.3400	0.1184	0.0056	1807	53	1869	55	1931	85	97	4	705	18.6		437200	0.239	11.34	3.74		0.70	98.7	390.0	80.4	11090	0.73	76.1	203.0	0.37	8.15	19.08	22.74	S
20180427_Great Sandy Desert_CTJ64-81	2336	79	7/6	0.4247	0.0110	8.8000	0.5300	0.1492	0.0069	2281	51	2315	55	2336	79	99	3	279	6.8		436700	0.110	28.80	4.87		1.92	73.1	211.0	42.2	8830	0.38	80.8	101.1	0.80	5.77	13.36	9.00	
20180427_Great Sandy Desert_CTJ64-82	2397	78	7/6	0.4474	0.0140	9.5900	0.5900	0.1546	0.0071	2383	61	2395	57	2397	78	99	3	470	22.9		431500	0.359	48.00	7.18		1.63	131.4	405.0	80.5	10050	1.53	353.0	340.0	1.04	6.13	24.27	15.16	
20180427_Great Sandy Desert_CTJ64-83	1843	82	7/6	0.3524	0.0092	5.5090	0.3200	0.1127	0.0051	1946	44	1901	51	1843	82	102	4	178	11.1		440500	0.042	14.03	2.94		0.45	86.3	201.0	36.4	9690	0.53	172.0	187.0	0.92	4.22	13.68	5.73	
20180427_Great Sandy Desert_CTJ64-84	1846	79	7/6	0.3380	0.0086	5.3040	0.3100	0.1129	0.0049	1877	41	1869	49	1846	79	100	3	507	11.6		441500	0.068	2.09	1.36		0.19	90.9	92.0	14.7	12230	0.63	62.8	410.0	0.15	1.62	10.69	16.35	
20180427_Great Sandy Desert_CTJ64-87	894	33	Pbcor6/38	0.1491	0.0059	1.4900	0.1500	0.0712	0.0059	896	33	919	61	962	169	99	7	227	36.1		401400	0.248	6.15	1.55		0.33	49.6	127.1	24.4	7512	1.79	35.8	66.6	0.54	4.92	8.17	7.32	
20180427_Great Sandy Desert_CTJ64-88	1815	85	7/6	0.3194	0.0087	4.9210	0.3000	0.1110	0.0052	1786	42	1804	50	1815	85	99	4	276	10.4		454000	0.188	15.20	4.54		1.27	108.6	268.0	52.3	8760	0.57	115.3	151.2	0.76	4.82	17.85	8.90	
20180427_Great Sandy Desert_CTJ64-89	359	10	Pbcor6/38	0.0573	0.0016	0.4360	0.0300	0.0547	0.0032	359	10	367	21	399	131	99	6	340	6.7		419900	0.147	29.37	5.29		0.35	220.3	583.0	110.2	9160	4.13	471.0	519.0	0.91	5.00	36.50	10.97	
20180427_Great Sandy Desert_CTJ64-90	1839	79	7/6	0.3203	0.0081	5.0110	0.2900	0.1125	0.0049	1791	40	1821	48	1839	79	98	3	400	7.6		442500	0.033	13.59	4.50		0.87	169.0	466.0	89.5	9320	1.23	302.0	708.0	0.43	5.30	28.21	12.90	
20180427_Great Sandy Desert_CTJ64-92	1743	79	7/6	0.3180	0.0082	4.7240	0.2700	0.1067	0.0046	1780	40	1771	48	1743	79	100	4	214	12.3		434200	0.130	14.40	1.44		0.24	49.9	176.9	33.9	12570	1.79	183.8	732.0	0.25	6.80	9.37	6.89	
20180427_Great Sandy Desert_CTJ64-93	1247	91	7/6	0.1815	0.0053	2.0710	0.1300	0.0821	0.0038	1075	29	1137	41	1247	91	95	4	366	22.0		463400	0.097	19.74	3.94		0.86	72.5	335.5	71.4	14410	6.74	257.6	306.4	0.84	9.85	15.35	11.81	
20180427_Great Sandy Desert_CTJ64-94	342	10	Pbcor6/38	0.0546	0.0016	0.4140	0.0260	0.0545	0.0028	342	10	351	19	391	115	99	6	210	7.5		444000	0.081	19.70	2.10		0.88	71.0	350.0	75.4	9770	1.08	395.0	675.0	0.59	10.62	15.44	6.77	
20180427_Great Sandy Desert_CTJ64-95	1854	80	7/6	0.3343	0.0085	5.2820	0.3000	0.1134	0.0050	1859	41	1865	49	1854	80	100	3	337	9.0		444700	0.032	10.46	2.47		0.57	91.6	289.8	57.0	9470	0.90	182.6	394.0	0.46	6.22	16.20	10.87	
20180427_Great Sandy Desert_CTJ64-96	1727	85	7/6	0.2992	0.0083	4.4350	0.2700	0.1058	0.0049	1687	41	1718	50	1727	85	98	4	698	22.3		402300	0.336	15.70	4.29		0.83	114.9	345.0	65.3	10240	0.78	242.0	336.0	0.72	5.68	19.85	22.52	S
20180427_Great Sandy Desert_CTJ64-97	302	9	Pbcor6/38	0.0482	0.0014	0.3720	0.0290	0.0554	0.0037	304	9	320	21	427	149	99	7	173	18.5		428200	0.048	18.40	3.65		1.34	88.0	280.0	56.3	9150	0.52	257.0	255.0	1.01	6.40	16.01	5.58	
20180427_Great Sandy Desert_CTJ64-98	1590	82	7/6	0.2727	0.0072	3.7360	0.2200	0.0982	0.0043	1554	36	1578	46	1590	82	98	4	307	13.0		445100	0.061	11.38	0.61		0.19	41.7	217.2	47.0	11230	5.31	121.4	948.0	0.13	11.28	9.24	9.89	
20180427_Great Sandy Desert_CTJ64-99	743	18	Pbcor6/38	0.1224	0.0031	1.1350	0.0680	0.0663	0.0031	744	18	770	32	815	98	99	5	621	31.7		424200	1.021	50.40	15.66		3.17	439.9	1227.7	236.3	8770	1.47	1201.0	780.8	1.54	5.37	74.33	20.03	
20180427_Great Sandy Desert_CTJ64-101	1846	80	7/6	0.3213	0.0084	5.0590	0.2900	0.1129	0.0050	1796	41	1828	49	1846	80	98	3	233	18.8		447300	0.040	6.64	1.37		0.15	48.4	138.0	26.6	10980	0.72	185.4	340.7	0.54	5.49	8.26	7.53	
20180427_Great Sandy Desert_CTJ64-103	1818	85	7/6	0.2998	0.0092	4.6300	0.2900	0.1112	0.0052	1690	46	1753	52	1818	85	96	4	544	14.6		477100	3.100	29.80	14.40		2.73	153.0	331.0	61.9	9960	0.60	195.8	244.1	0.80	4.05	24.29	17.55	
20180427_Great Sandy Desert_CTJ64-104	653	17	Pbcor6/38	0.1070	0.0029	0.9680	0.0620	0.0651	0.0033	655	17	687	32	777	107	99	5	223	44.0		447700	0.245	18.68	2.08		0.21	78.9	301.3	56.0	11490	9.51	208.0	471.9	0.44	7.10	14.89	7.19	
20180427_Great Sandy Desert_CTJ64-106	1823	80	7/6	0.2870	0.0079	4.4600	0.2600	0.1115	0.0049	1626	39	1723	49	1823	80	94	4	812	42.8		444900	3.650	61.20	40.60		7.51	176.6	370.3	68.7	9260	0.84	251.0	297.9	0.84	3.89	28.76	26.19	S
20180427_Great Sandy Desert_CTJ64-108	1171	133	7/6	0.1733	0.0051	1.9150	0.1400	0.0790	0.0053	1030	28	1083	50	1171	133	95	5	473	11.8		430900	0.290	18.66	3.24		0.48	88.3	283.1	55.4	10286	1.24	160.4	136.1	1.18	6.27	15.95	15.26	S
20180427_Great Sandy Desert_CTJ64-109	673	18	6/38	0.1100	0.0031	0.9530	0.0650	0.0621	0.0036	673	18	675	34	677	124	100	6	178	8.1		449000	0.012	8.54	0.38		0.18	31.7	144.8	30.9	10830	0.69	63.5	163.1	0.39	9.74	6.68	5.75	
20180427_Great Sandy Desert_CTJ64-111	371	10	6/38	0.0593	0.0016	0.4480	0.0310	0.0541	0.0031	371	10	374	22	374	129	99	6	203	10.6		443400	0.053	14.34	5.66		0.72	125.5	327.0	60.7	8487	3.27	295.0	288.0	1.02	4.84	20.52	6.54	
20180427_Great Sandy Desert_CTJ64-112	2298	74	7/6	0.4019	0.0100	8.1950	0.4700	0.1459	0.0063	2177	48	2252	52	2298	74	97	3	424	12.6		453300	0.147	42.20	7.53		2.03	165.5	513.0	104.3	10690	1.21	453.0	483.0	0.94	6.30	30.21	13.67	
20180427_Great Sandy Desert_CTJ64-114	1705	79	7/6	0.3002	0.0079	4.3890	0.2500	0.1045	0.0045	1692	39	1710	47	1705	79	99	4	448	3.9		446200	0.106	10.79	2.02		0.75	88.1	325.3	65.1	12940	2.39	195.2	592.0	0.33	7.39	16.51	14.45	
20180427_Great Sandy Desert_CTJ64-115	1913	80	7/6	0.3390	0.0086	5.5770	0.3200	0.1172	0.0052	1882	42	1912	50	1913	80	98	3	717	46.1		417300	0.302	11.20	5.90		0.98	119.0	210.0	39.9	10900	0.44	135.5	370.0	0.37	3.35	17.41	23.13	
20180427_Great Sandy Desert_CTJ64-116	356	10	Pbcor6/38	0.0573	0.0016	0.4800	0.0350	0.0600	0.0037	359	10	396	24	603	133	99	6	404	68.0		459600	0.092	4.22	3.56		0.87	154.9	380.0	72.2	9900	0.71	88.7	153.0	0.58	4.66	24.59	13.03	
20180427_Great Sandy Desert_CTJ64-117	1780	82	7/6	0.3159	0.0081	4.8170	0.2800	0.1089	0.0049	1770	39	1787	50	1780	82	99	4	214	13.8		444500	0.123	21.08	2.51		0.95	65.5	198.0	38.8	9580	0.68	191.0	263.0	0.73	5.92	11.88	6.90	
20180427_Great Sandy Desert_CTJ64-118	1879	80	7/6	0.3200	0.0083	5.1600	0.3000	0.1150	0.0051	1790	40	1845	49	1879	80	97	3	556	74.0		437400	0.056	3.84	1.08		0.12	85.0	329.8	65.3	11600	0.87	119.0	412.7	0.29	7.68	15.89	17.94	S
20180427_Great Sandy Desert_CTJ64-119	1844	83	7/6	0.3122	0.0083	4.9250	0.2900	0.1128	0.0052	1751	41	1804	51	1844	83	97	4	207	10.6		470900	0.012	8.98	1.02		0.34	52.9	163.5	32.2	9680	0.56	74.8	122.0	0.61	6.08	9.39	6.67	
20180427_Great Sandy Desert_CTJ64-120	1748	84	7/6	0.3124	0.0095	4.6740	0.2800	0.1070	0.0049	1751	46	1759	50	1748	84	100	4	453	16.6		451800	0.011	6.61	1.64		0.13	99.5	276.9	50.4	10590	0.65	140.5	168.0	0.84	5.07	16.32	14.61	
20180427_Great Sandy Desert_CTJ64-121	1741	81	7/6	0.3026	0.0078	4.5250	0.2600	0.1066	0.0047	1704	39	1735	48	1741	81	98	4	348	4.9		441700	0.004	3.95	0.79		0.38	55.9	74.6	13.7	11800	1.27	63.7	472.5	0.13	2.45	7.44	11.23	
20180427_Great Sandy Desert_CTJ64-122	314	9	Pbcor6/38	0.0506	0.0014	0.4340	0.0360	0.0616	0.0047	318	9	365	25	659	164	99	6	314	27.3		448600	0.031	6.79	0.79		0.16	72.2	260.6	50.9	11090	1.45	100.6	360.0	0.28	7.05	13.23	10.13	
20180427_Great Sandy Desert_CTJ64-123	561	14	6/38	0.0909	0.0024	0.7470	0.0480	0.0586	0.0031	561	14	565	28	551	115	99	6	276	18.1		437200	0.094	72.80	3.60		0.91	45.6	141.4	28.9	9700	1.27	470.3	238.0	1.98	6.33	10.41	8.90	
20180427_Great Sandy Desert_CTJ64-125	1164	96	7/6	0.1760	0.0046	1.9450	0.1200	0.0787	0.0038	1045	25	1094	41	1164	96	96	4	446	28.3		447600	0.103	28.81	4.84		1.62	88.9	271.0	56.6	10830	1.97	155.3	250.8	0.62	6.37	16.50	14.39	
20180427_Great Sandy Desert_CTJ64-126	1171	93	7/6	0.1927	0.0053	2.1380	0.1300	0.0790	0.0037	1136	28	1159	41	1171	93	98	4	347	14.2		444100	0.044	41.59	3.58		0.98	141.3	438.9	84.0	10096	1.61	365.0	246.3	1.48	5.94	25.49	11.20	
20180427_Great Sandy Desert_CTJ64-127	790	20	Pbcor6/38	0.1313	0.0036	1.3120	0.0830	0.0712	0.0037	795	20	848	37	962	106	98	5	237	67.3		480500	0.070	18.20	4.08		0.32	121.4	246.0	43.6	8910	5.37	92.3	171.1	0.54	3.59	18.31	7.66	
20180427_Great Sandy Desert_CTJ64-128	1503	83	7/6	0.2655	0.0071	3.5020	0.2000	0.0938	0.0041	1518	36	1526	46	1503	83	99	4	699	9.3		441900	0.057	4.59	1.15		0.20	108.2	482.8	95.5	11210	1.38	77.0	544.8	0.14	8.83	21.21	22.55	S
20180427_Great Sandy Desert_CTJ64-130	1671	83	7/6	0.2951	0.0077	4.2610	0.2500	0.1026	0.0046	1667	38	1683	49	1671	83	99	4	166	7.9		450800	0.037	5.90	0.78		0.32	14.2	3.8	0.6	12520	0.45	53.3	197.9	0.27	0.45	1.43	5.35	
20180929_Lake Everard-1	1194	86	7/6	0.1918	0.0130	2.1240	0.1700	0.0799	0.0035	1131	69	1153	55	1194	86	98	8	277	17.5	885	422400	0.269	17.15	3.11	4.76	0.97	85.0	230.0	45.3	9680	0.67	120.1	110.1	1.09	5.33	14.25	8.92	
20180929_Lake Everard-2	1574	85	7/6	0.2689	0.0180	3.5850	0.2800	0.0974	0.0044	1535	92	1543	63	1574	85	99	7	220	16.3	811	449900	0.038	8.73	1.39	3.68	0.47	74.4	225.5	43.9	9590	0.51	74.4	102.4	0.73	5.90	12.77	7.10	
20180929_Lake Everard-3	1621	84	7/6	0.2762	0.0190	3.8000	0.3000	0.0999	0.0045	1572	93	1587	64	1621	84	99	7	212	15.5	637	428700	0.013	8.29	1.09	2.01	0.27	56.0	183.0	36.9	9430	0.61	59.4	93.7	0.63	6.59	10.07	6.83	
20180929_Lake Everard-5	1299	106	7/6	0.2095	0.0140	2.4100	0.2100	0.0843	0.0046	1225	77	1240	62	1299	106	99	8	334	16.8	1247	418700	0.168	8.94	5.87	9.21	1.55	130.9	289.0	54.8	8720	0.88	44.3	46.9	0.94	4.19	19.65	10.77	
20180929_Lake Everard-8	1194	109	7/6	0.1913	0.0130	2.1040	0.1800	0.0799	0.0044	1128	70	1143	62	1194	109	99	8	260	17.7	672	429600	0.039	14.80	1.12	2.20	0.29	58.2	213.6	43.0	10710	1.08	74.6	99.6	0.75	7.39	10.91	8.38	
20180929_Lake Everard-9	1201	91	7/6	0.1910	0.0130	2.0990	0.1700	0.0802	0.0037	1127	70	1144	55	1201	91	99	8	227	14.0	521	417200	0.035	20.59	0.98	1.62	0.27	44.9	176.9	36.7	10340	1.27	89.8	106.4	0.84	8.17	8.85	7.31	
20180929_Lake Everard-10	1589	82	7/6	0.2659	0.0180	3.5990	0.2800	0.0982	0.0043	1520	91	1544	62	1589	82	98	7	225	17.6	623	423600	0.019	8.67	1.14	2.21	0.36	55.2	180.0	36.1	8980	0.47	57.3	82.9	0.69	6.54	9.88	7.27	
20180929_Lake Everard-11	1741	74	7/6	0.2982	0.0200	4.4160	0.3400	0.1066	0.0043	1682	99	1713	64	1741	74	98	7	588	56.0	1184	387600	0.028	4.11	1.33	3.71	0.32	110.1	319.8	61.9	10220	0.66	105.5	255.1	0.41	5.62	18.32	18.97	S
20180929_Lake Everard-12	1566	85	7/6	0.2766	0.0190	3.7070	0.2900	0.0970	0.0044	1574	94	1572	61	1566	85	100	7	232	21.1	708	402900	0.060	8.61	1.32	2.85	0.41	63.3	197.0	39.0	8750	0.47	63.2	85.2	0.74	6.16	11.15	7.49	
20180929_Lake Everard-13	1572	87	7/6	0.2849	0.0190	3.8500	0.3100	0.0973	0.0045	1615	96	1597	66	1572	87	101	7	194	12.0	408	393100	0.080	7.96	1.25	1.79	0.23	36.0	120.8	24.7	9010	0.73	47.7	92.9	0.51	6.86	6.57	6.24	
20180929_Lake Everard-14	1574	88	7/6	0.2645	0.0180	3.5500	0.2900	0.0974	0.0046	1513	91	1534	64	1574	88	99	7	237	17.2	741	429000	0.710	14.14	3.86	4.11	0.80	70.3	204.0	40.1	9390	0.62	102.7	117.9	0.87	5.70	11.97	7.65	
20180929_Lake Everard-15	1701	78	7/6	0.2898	0.0190	4.2030	0.3300	0.1043	0.0044	1640	97	1673	64	1701	78	98	7	584	73.0	1237	410600	0.810	42.20	7.06	6.66	1.57	100.4	401.3	84.1	10489	1.30	260.7	318.0	0.82	8.38	20.58	18.84	S
20180929_Lake Everard-16	1591	84	7/6	0.2676	0.0180	3.6140	0.2800	0.0983	0.0044	1529	91	1551	65	1591	84	99	7	237	17.1	777	417200	0.024	9.37	1.58	3.26	0.58	69.0	214.5	41.2	9020	0.45	71.6	92.8	0.77	5.97	12.18	7.66	
20180929_Lake Everard-17	1572	85	7/6	0.2754	0.0180	3.6900	0.2900	0.0973	0.0044	1568	93	1563	63	1572	85	100	7	244	18.4	720	411600	0.131	9.14	1.52	3.08	0.43	63.7	198.7	39.4	8840	0.51	64.1	84.7	0.76	6.19	11.33	7.87	
20180929_Lake Everard-18	1146	94	7/6	0.1844	0.0120	1.9850	0.1600	0.0780	0.0037	1093	70	1105	55	1146	94	99	8	240	13.5	838	425000	0.046	50.90	2.15	4.33	0.97	74.8	262.0	52.2	9890	0.91	204.5	106.8	1.91	6.98	14.74	7.75	
20180929_Lake Everard-19	1580	79	7/6	0.2744	0.0180	3.6910	0.2900	0.0977	0.0041	1563	93	1566	62	1580	79	100	7	200	12.6	652	413900	0.063	7.86	1.27	2.63	0.25	60.2	183.0	36.1	9230	0.71	68.5	117.2	0.58	6.00	10.32	6.45	
20180929_Lake Everard-20	857	55	Pbcor6/38	0.1432	0.0098	1.4540	0.1400	0.0734	0.0053	863	55	899	59	1024	146	100	9	279	6.7	1075	395500	0.064	5.28	5.76	8.40	0.91	113.4	252.0	47.8	8600	0.79	47.3	62.3	0.76	4.22	16.87	9.00	
20180929_Lake Everard-21	2851	62	7/6	0.5666	0.0380	15.8700	1.2000	0.2031	0.0077	2893	160	2867	71	2851	62	101	6	478	22.2	1299	417300	0.031	14.33	3.05	5.35	0.92	115.6	345.7	67.3	9000	0.87	56.2	68.3	0.82	5.82	20.28	15.42	
20180929_Lake Everard-22	1166	98	7/6	0.1937	0.0130	2.0980	0.1700	0.0788	0.0039	1141	71	1142	56	1166	98	100	8	302	24.5	786	409900	0.034	14.79	1.52	3.14	0.27	69.0	236.0	46.5	9580	1.03	78.4	84.9	0.92	6.74	12.60	9.73	
20180929_Lake Everard-23	1576	81	7/6	0.2962	0.0200	3.9900	0.3200	0.0975	0.0042	1672	100	1628	64	1576	81	103	7	233	42.8	824	402200	0.088	8.80	2.92	5.14	0.52	79.2	202.0	40.1	8000	0.51	76.2	101.8	0.75	5.06	12.96	7.51	
20180929_Lake Everard-24	1539	94	7/6	0.2630	0.0180	3.4600	0.2800	0.0956	0.0048	1505	91	1513	64	1539	94	99	7	224	19.2	680	433900	0.045	8.13	1.45	2.79	0.36	61.4	186.7	37.3	9350	0.43	59.8	81.8	0.73	6.08	10.72	7.22	
20180929_Lake Everard-26	1784	105	7/6	0.2464	0.0170	3.7600	0.3300	0.1091	0.0063	1420	87	1579	71	1784	105	90	7	271	51.0	781	384900	4.310	45.10	7.94	5.98	0.78	76.9	208.3	40.5	8590	0.67	82.7	90.1	0.92	5.27	13.79	8.74	
20180929_Lake Everard-29	1138	87	7/6	0.1713	0.0110	1.8350	0.1400	0.0777	0.0034	1019	63	1055	52	1138	87	97	8	281	57.0	2515	429500	0.107	17.55	6.37	12.21	0.96	245.9	600.7	106.4	10430	5.01	196.0	201.1	0.97	4.33	38.90	9.07	
20180929_Lake Everard-30	1156	99	7/6	0.1920	0.0130	2.0830	0.1700	0.0784	0.0039	1132	70	1136	57	1156	99	100	8	234	15.9	577	411800	0.063	19.80	1.24	2.25	0.56	50.2	196.0	41.8	9620	1.10	96.2	75.0	1.28	8.33	9.76	7.55	
20180929_Lake Everard-31	1572	79	7/6	0.2634	0.0180	3.5460	0.2800	0.0973	0.0041	1507	90	1534	61	1572	79	98	7	245	14.4	640	408100	0.144	11.13	1.67	3.04	0.32	57.4	179.5	35.6	8950	0.99	86.7	148.6	0.58	6.21	10.21	7.90	
20180929_Lake Everard-33	1614	82	7/6	0.2759	0.0190	3.8200	0.3100	0.0995	0.0044	1570	94	1594	64	1614	82	98	7	244	15.7	566	395500	0.820	21.20	3.67	3.21	0.73	51.2	166.8	33.7	9310	0.85	108.7	129.5	0.84	6.59	9.52	7.87	
20180929_Lake Everard-34	1161	83	7/6	0.1871	0.0120	2.0420	0.1600	0.0786	0.0033	1105	68	1128	54	1161	83	98	8	320	9.8	1751	382200	0.079	27.54	2.56	5.79	0.32	151.9	513.0	100.3	10260	2.13	388.0	377.0	1.03	6.60	27.73	10.32	
20180929_Lake Everard-35	1644	84	7/6	0.2584	0.0170	3.5660	0.2800	0.1011	0.0046	1481	89	1544	67	1644	84	96	7	389	20.1	970	449300	0.750	38.20	7.89	7.76	1.11	96.3	250.7	48.6	9360	0.86	139.1	181.4	0.77	5.05	16.35	12.55	
20180929_Lake Everard-36	1636	89	7/6	0.2838	0.0190	3.8900	0.3100	0.1007	0.0048	1610	95	1608	64	1636	89	100	7	240	14.4	894	438700	0.138	11.60	2.27	4.11	0.64	80.0	237.0	47.3	9670	0.52	92.0	116.0	0.79	5.91	14.06	7.74	
20180929_Lake Everard-37	1660	80	7/6	0.2490	0.0170	3.5080	0.2800	0.1020	0.0044	1433	87	1526	63	1660	80	94	7	355	15.5	1036	412600	4.140	53.50	9.76	8.84	0.92	100.4	269.5	52.0	9040	0.84	130.7	143.4	0.91	5.18	17.93	11.45	
20180929_Lake Everard-38	1603	83	7/6	0.2793	0.0190	3.7900	0.3000	0.0989	0.0044	1588	95	1589	66	1603	83	100	7	197	19.0	560	408100	0.166	8.30	1.41	2.18	0.32	49.7	161.0	32.3	8830	0.42	53.4	77.8	0.69	6.50	8.90	6.35	
20180929_Lake Everard-39	1582	78	7/6	0.2742	0.0180	3.7070	0.2900	0.0978	0.0041	1562	93	1568	62	1582	78	100	7	238	15.2	898	413000	0.010	9.30	1.81	3.74	0.60	82.5	235.0	46.8	8960	0.46	85.7	104.6	0.82	5.67	14.08	7.68	
20180929_Lake Everard-40	1644	92	7/6	0.2685	0.0180	3.7200	0.3000	0.1011	0.0050	1533	92	1571	66	1644	92	98	7	327	53.0	1103	445100	8.010	34.00	18.80	10.30	2.03	102.1	275.0	53.1	9860	0.63	103.6	129.7	0.80	5.20	18.27	10.55	
20180929_Lake Everard-41	1547	112	7/6	0.2599	0.0180	3.4400	0.3000	0.0960	0.0057	1492	87	1505	71	1547	112	99	7	221	20.3	1034	418000	0.109	5.97	7.13	8.93	2.01	108.8	245.4	47.3	6970	0.22	43.7	34.0	1.28	4.35	16.32	7.14	
20180929_Lake Everard-42	1655	84	7/6	0.2610	0.0180	3.6600	0.2900	0.1017	0.0046	1495	90	1564	60	1655	84	96	7	254	17.2	860	435500	0.880	20.70	9.80	10.34	1.45	90.6	210.4	40.3	8590	0.47	78.6	89.7	0.88	4.45	14.15	8.19	
20180929_Lake Everard-43	1578	79	7/6	0.2777	0.0190	3.7510	0.2900	0.0976	0.0041	1579	94	1578	63	1578	79	100	7	232	15.3	645	411500	0.005	9.02	1.01	2.53	0.32	58.4	184.0	36.7	8890	0.52	64.5	89.6	0.72	6.28	10.25	7.48	
20180929_Lake Everard-45	1566	89	7/6	0.2800	0.0190	3.7600	0.3000	0.0970	0.0046	1591	94	1577	65	1566	89	101	7	211	20.3	469	405400	0.038	7.64	0.92	1.58	0.23	40.6	140.8	29.1	8840	0.47	44.5	70.1	0.63	7.16	7.50	6.79	
20180929_Lake Everard-46	1653	119	7/6	0.2487	0.0170	3.4500	0.3200	0.1016	0.0065	1432	89	1510	72	1653	119	95	7	224	25.1	1069	468700	0.650	17.93	8.18	9.67	1.23	110.9	255.0	48.1	9280	0.45	88.9	106.0	0.84	4.34	17.19	7.23	
20180929_Lake Everard-47	1146	102	7/6	0.1771	0.0120	1.9030	0.1600	0.0780	0.0040	1051	66	1077	56	1146	102	98	8	288	20.1	745	436000	0.424	20.58	3.02	4.08	0.90	68.7	225.5	44.6	10370	0.98	119.1	119.0	1.00	6.49	12.31	9.29	
20180929_Lake Everard-48	1213	102	7/6	0.1988	0.0130	2.1870	0.1800	0.0807	0.0042	1169	72	1175	58	1213	102	99	8	402	8.9	978	454600	0.058	12.39	1.38	2.82	0.16	86.2	314.3	61.2	13690	1.58	274.1	197.5	1.39	7.10	15.57	12.97	
20180929_Lake Everard-50	1621	80	7/6	0.2733	0.0180	3.7400	0.3000	0.0999	0.0043	1557	93	1579	61	1621	80	99	7	227	16.2	841	415800	0.087	9.51	1.83	3.68	0.52	78.4	226.1	45.6	8980	0.51	76.3	96.1	0.79	5.82	13.30	7.31	
20180929_Lake Everard-51	1333	90	7/6	0.2225	0.0150	2.6280	0.2100	0.0858	0.0040	1295	78	1303	59	1333	90	99	7	219	11.1	651	415000	0.055	15.95	1.06	2.31	0.35	59.2	192.0	39.4	9670	1.21	81.5	89.4	0.91	6.66	10.65	7.07	
20180929_Lake Everard-53	1582	78	7/6	0.2729	0.0180	3.6750	0.2900	0.0978	0.0041	1555	92	1565	60	1582	78	99	7	220	14.8	681	422800	0.013	9.20	1.09	2.38	0.27	59.7	195.7	38.9	9520	0.86	71.5	114.4	0.63	6.51	10.75	7.11	
20180929_Lake Everard-54	1593	89	7/6	0.2684	0.0180	3.6500	0.2900	0.0984	0.0047	1532	92	1557	63	1593	89	98	7	234	14.0	526	394200	0.920	10.13	1.64	1.96	0.33	45.1	155.3	32.1	8590	0.56	50.1	76.9	0.65	7.12	8.47	7.55	
20180929_Lake Everard-55	1149	81	7/6	0.1954	0.0130	2.1040	0.1600	0.0781	0.0032	1150	71	1148	53	1149	81	100	8	215	17.2	489	417600	0.024	41.60	1.39	2.23	0.37	41.4	167.8	34.7	10810	1.75	212.2	248.5	0.85	8.38	9.05	6.92	
20180929_Lake Everard-56	559	39	Pbcor6/38	0.0916	0.0067	0.8440	0.1100	0.0678	0.0071	565	39	617	62	862	218	101	11	93	6.0	218	501000	0.830	1.35	0.79	0.59	0.09	11.7	153.1	48.1	13860	0.25	4.6	165.3	0.03	41.11	4.16	3.00	
20180929_Lake Everard-57	1564	89	7/6	0.2807	0.0190	3.7400	0.3000	0.0969	0.0046	1594	96	1581	69	1564	89	101	7	220	16.7	546	386100	0.062	7.68	1.04	2.01	0.25	48.3	156.0	30.9	8208	0.43	52.1	73.7	0.71	6.40	8.64	7.10	
20180929_Lake Everard-58	517	33	Pbcor6/38	0.0838	0.0056	0.6990	0.0600	0.0604	0.0033	519	33	535	36	617	118	100	9	213	5.9	1329	411500	0.080	5.16	1.97	4.95	0.59	124.0	368.6	73.0	9230	0.70	106.9	184.4	0.58	5.89	20.70	6.86	
20180929_Lake Everard-59	1133	134	7/6	0.2024	0.0140	2.1900	0.2100	0.0775	0.0052	1188	74	1161	66	1133	134	102	9	363	26.1	928	399200	0.017	5.98	2.41	4.49	0.55	91.3	242.3	47.0	10020	1.23	39.6	51.8	0.76	5.15	14.57	11.69	
20180929_Lake Everard-60	1240	91	7/6	0.1960	0.0130	2.2080	0.1800	0.0818	0.0038	1154	71	1179	55	1240	91	98	8	291	16.9	1088	418400	0.048	13.72	1.99	3.77	0.54	96.5	299.8	59.5	10710	0.99	113.3	117.0	0.97	6.17	17.11	9.40	
20180929_Lake Everard-61	1559	84	7/6	0.2745	0.0180	3.6510	0.2900	0.0966	0.0043	1563	93	1556	65	1559	84	100	7	223	15.6	615	420600	Below LOD	8.88	0.86	1.95	0.26	53.1	177.0	35.7	9040	0.53	61.8	90.4	0.68	6.72	9.69	7.19	
20180929_Lake Everard-62	1576	102	7/6	0.2744	0.0180	3.6500	0.3100	0.0975	0.0053	1563	93	1556	67	1576	102	100	7	226	19.8	934	461300	0.223	11.67	3.04	4.25	0.73	84.7	251.5	49.6	9820	0.52	86.6	103.8	0.83	5.86	14.72	7.29	
20180929_Lake Everard-63	1545	98	7/6	0.2608	0.0180	3.4200	0.2900	0.0959	0.0050	1494	90	1504	68	1545	98	99	7	189	18.9	509	479400	Below LOD	7.45	1.04	1.90	0.22	43.3	154.1	31.7	10400	0.50	44.0	71.3	0.62	7.31	8.05	6.10	
20180929_Lake Everard-64	1557	95	7/6	0.2692	0.0180	3.6000	0.3000	0.0965	0.0049	1536	92	1548	70	1557	95	99	7	412	20.9	1273	394400	0.039	48.20	5.37	8.33	1.47	123.0	320.6	63.5	8450	0.74	96.3	63.6	1.51	5.16	21.26	13.29	
20180929_Lake Everard-66	1285	81	7/6	0.2117	0.0140	2.4460	0.1900	0.0837	0.0035	1239	78	1253	57	1285	81	99	8	311	10.7	1128	420000	0.267	12.70	4.82	6.61	1.22	107.7	291.1	55.6	9370	0.57	119.4	176.1	0.68	5.16	17.78	10.03	
20180929_Lake Everard-67	1199	76	7/6	0.2012	0.0140	2.2260	0.1700	0.0801	0.0031	1182	72	1188	53	1199	76	99	8	155	12.1	369	413100	0.011	9.31	0.71	1.26	0.22	30.2	137.3	31.6	11110	0.90	68.4	303.0	0.23	10.48	6.20	5.00	
20180929_Lake Everard-68	1551	84	7/6	0.2734	0.0180	3.6100	0.2900	0.0962	0.0043	1558	93	1549	66	1551	84	101	7	179	14.4	410	415400	Below LOD	7.08	0.64	1.34	0.18	34.5	126.6	25.8	9100	0.43	39.2	68.2	0.57	7.48	6.51	5.76	
20180929_Lake Everard-69	1621	82	7/6	0.2674	0.0180	3.6620	0.2900	0.0999	0.0044	1527	92	1561	63	1621	82	98	7	270	12.7	663	449500	0.200	33.10	2.33	2.62	0.63	50.9	238.5	50.4	11980	1.44	118.0	156.2	0.76	9.90	11.43	8.71	
20180929_Lake Everard-70	1032	88	7/6	0.1628	0.0110	1.6530	0.1300	0.0737	0.0032	972	61	988	51	1032	88	98	8	165	10.5	340	394400	0.032	26.63	0.64	1.18	0.34	27.3	129.4	28.7	10010	2.19	117.8	246.7	0.48	10.54	6.30	5.32	
20180929_Lake Everard-71	1623	84	7/6	0.2702	0.0180	3.7400	0.3000	0.1000	0.0045	1542	92	1576	64	1623	84	98	7	239	13.5	820	412600	0.066	13.89	2.57	4.56	0.46	77.8	208.8	41.3	8500	0.52	83.3	112.4	0.74	5.31	13.07	7.71	
20180929_Lake Everard-72	1662	82	7/6	0.2693	0.0190	3.7700	0.3000	0.1021	0.0045	1536	95	1582	64	1662	82	97	7	392	27.9	1470	437700	1.520	48.20	10.54	12.30	1.86	149.0	342.0	65.8	9120	0.67	153.0	115.7	1.32	4.42	24.35	12.65	
20180929_Lake Everard-73	1576	83	7/6	0.2713	0.0180	3.6590	0.2900	0.0975	0.0043	1547	92	1564	58	1576	83	99	7	231	15.6	576	421400	0.053	9.37	1.20	2.15	0.34	50.2	170.6	34.5	9080	0.59	56.5	84.7	0.67	6.88	9.19	7.45	
20180929_Lake Everard-74	1669	88	7/6	0.2753	0.0190	3.8600	0.3200	0.1025	0.0049	1567	94	1601	67	1669	88	98	7	208	19.2	738	447000	0.128	8.98	1.64	2.97	0.50	65.0	201.0	40.2	9650	0.47	65.1	89.3	0.73	6.18	11.59	6.71	
20180929_Lake Everard-75	1631	76	7/6	0.2726	0.0180	3.7440	0.2900	0.1004	0.0041	1554	92	1579	62	1631	76	98	7	410	9.6	1454	454600	0.810	61.90	6.00	6.70	1.02	131.0	385.0	73.9	11040	1.72	184.6	183.7	1.00	5.64	24.28	13.23	
20180929_Lake Everard-76	1623	84	7/6	0.2818	0.0190	3.9200	0.3100	0.1000	0.0045	1600	95	1613	64	1623	84	99	7	349	14.4	717	398400	0.066	29.01	2.50	4.00	0.98	64.8	208.5	42.6	8400	0.71	85.2	69.6	1.22	6.58	12.10	11.26	
20180929_Lake Everard-77	1589	84	7/6	0.2668	0.0180	3.6350	0.2900	0.0982	0.0044	1524	91	1554	63	1589	84	98	7	230	17.7	559	388400	0.660	11.43	1.68	1.81	0.27	47.2	168.6	34.7	8570	0.68	71.8	113.0	0.64	7.35	9.00	7.42	
20180929_Lake Everard-78	1557	89	7/6	0.2741	0.0180	3.6000	0.2900	0.0965	0.0046	1561	93	1551	68	1557	89	101	7	197	14.6	604	447200	0.012	8.65	1.19	1.90	0.34	52.7	174.8	35.7	9770	0.53	53.5	80.6	0.66	6.77	9.58	6.34	
20180929_Lake Everard-79	1689	91	7/6	0.2620	0.0180	3.7800	0.3200	0.1036	0.0051	1499	92	1582	68	1689	91	95	7	236	18.8	496	378300	1.030	24.90	13.20	9.60	2.60	53.0	124.9	24.6	8060	0.76	73.1	70.5	1.04	4.63	8.73	7.61	
20180929_Lake Everard-80	1618	80	7/6	0.2932	0.0200	4.0300	0.3200	0.0997	0.0043	1657	98	1637	63	1618	80	101	7	359	11.0	1368	407600	0.038	10.31	6.86	9.57	1.45	136.8	323.2	63.3	8860	0.81	102.0	99.2	1.03	4.63	21.45	11.58	
20180929_Lake Everard-81	1245	79	7/6	0.2253	0.0150	2.5320	0.2000	0.0820	0.0033	1312	73	1280	56	1245	79	103	7	218	20.6	589	443600	0.107	28.80	5.25	7.50	1.72	61.4	128.0	24.4	9870	1.36	319.0	339.0	0.94	3.97	10.09	7.04	
20180929_Lake Everard-82	1199	76	7/6	0.2051	0.0140	2.2710	0.1700	0.0801	0.0031	1203	73	1202	54	1199	76	100	8	122	7.7	314	396600	0.013	26.39	0.43	0.88	0.19	23.1	127.6	29.7	11300	2.35	194.8	315.5	0.62	12.86	5.90	3.94	
20180929_Lake Everard-83	1154	109	7/6	0.1845	0.0120	2.0070	0.1700	0.0783	0.0043	1091	68	1110	58	1154	109	98	8	290	21.0	682	398400	0.022	26.24	1.68	3.22	0.67	61.8	207.4	42.6	9450	1.04	77.4	68.2	1.14	6.89	11.51	9.35	
20180929_Mulgaria-2	301	20	Pbcor6/38	0.0478	0.0032	0.3470	0.0360	0.0526	0.0042	301	20	298	26	311	182	100	11	256	7.9	1228	418100	0.014	21.25	2.65	5.14	1.44	102.6	396.4	84.9	9040	0.39	128.9	123.5	1.04	8.27	19.83	8.26	
20180929_Mulgaria-4	135	10	Pbcor6/38	0.0215	0.0016	0.1820	0.0310	0.0619	0.0096	137	10	167	26	670	332	101	14	184	15.7	946	447600	0.162	17.15	3.25	5.72	1.47	85.9	249.0	50.0	10060	0.30	132.0	128.0	1.03	5.82	15.10	5.94	
20180929_Mulgaria-5	545	36	Pbcor6/38	0.0884	0.0061	0.7290	0.0730	0.0601	0.0045	546	36	550	44	606	162	100	10	155	31.5	195	425800	0.091	2.93	1.40	2.17	0.27	21.1	41.7	8.4	9840	0.46	15.8	76.8	0.21	3.98	3.14	5.01	
20180929_Mulgaria-6	252	17	Pbcor6/38	0.0399	0.0027	0.2730	0.0270	0.0501	0.0036	252	17	244	21	199	167	101	11	274	4.9	699	446900	0.034	20.35	0.69	1.95	0.49	51.5	276.0	60.9	11930	0.81	161.0	278.0	0.58	11.83	11.69	8.84	
20180929_Mulgaria-7	1141	82	7/6	0.2061	0.0140	2.2130	0.1700	0.0778	0.0032	1208	73	1183	55	1141	82	102	8	408	9.9	555	408100	Below LOD	17.26	1.34	3.13	0.38	53.4	130.3	25.0	11750	1.12	113.3	136.5	0.83	4.69	9.02	13.15	
20180929_Mulgaria-8	1631	78	7/6	0.2829	0.0190	3.9270	0.3100	0.1004	0.0042	1606	95	1616	63	1631	78	99	7	267	12.6	1003	405600	0.167	12.16	2.16	4.23	0.55	90.9	261.0	51.2	8950	0.62	103.9	128.2	0.81	5.63	15.72	8.61	
20180929_Mulgaria-9	1765	68	7/6	0.3030	0.0200	4.5440	0.3500	0.1080	0.0040	1706	100	1738	63	1765	68	98	7	886	20.1	1577	400800	0.281	4.58	5.33	6.45	0.52	140.7	413.0	80.6	11340	0.69	72.4	473.0	0.15	5.73	24.16	28.58	S
20180929_Mulgaria-10	1169	168	7/6	0.1962	0.0140	2.1100	0.2300	0.0789	0.0067	1154	76	1134	77	1169	168	102	10	428	30.8	1348	447200	0.054	28.09	4.46	7.93	2.36	129.1	349.9	68.6	9690	0.52	51.9	26.9	1.93	5.31	21.77	13.81	
20180929_Mulgaria-11	741	52	Pbcor6/38	0.1221	0.0091	1.1240	0.1100	0.0657	0.0035	742	52	756	50	796	112	99	9	284	19.0	700	394100	0.278	8.14	3.54	3.71	0.79	63.0	195.0	39.8	9400	0.51	68.0	134.3	0.51	6.32	11.08	9.16	
20180929_Mulgaria-12	756	48	Pbcor6/38	0.1247	0.0083	1.1460	0.0900	0.0666	0.0028	758	48	776	41	824	88	100	8	464	41.1	3159	393800	0.195	32.04	3.88	10.89	0.86	313.4	718.8	128.8	7020	4.11	120.4	316.1	0.38	4.11	49.18	14.97	
20180929_Mulgaria-13	97	7	Pbcor6/38	0.0151	0.0011	0.0900	0.0120	0.0443	0.0055	97	7	87	11	0	303	102	16	166	3.0	641	401700	0.037	13.67	1.53	2.78	1.34	51.6	225.5	51.7	9420	0.42	102.8	194.0	0.53	10.02	10.60	5.35	
20180929_Mulgaria-15	482	32	Pbcor6/38	0.0786	0.0053	0.7280	0.0630	0.0674	0.0040	488	32	552	37	849	123	100	8	297	46.9	507	425800	0.463	11.63	3.46	3.19	0.77	43.2	139.3	27.7	9993	0.37	94.4	206.4	0.46	6.41	8.13	9.58	
20180929_Mulgaria-17	1479	88	7/6	0.2061	0.0140	2.6450	0.2100	0.0926	0.0043	1207	75	1308	60	1479	88	92	7	378	18.5	694	385100	0.396	24.60	4.41	4.25	1.07	60.5	214.0	42.8	10120	1.28	148.0	158.0	0.94	7.07	11.59	12.19	
20180929_Mulgaria-19	1235	91	7/6	0.1872	0.0130	2.1100	0.1700	0.0816	0.0038	1106	68	1148	55	1235	91	96	8	222	63.9	546	413100	0.166	32.94	1.95	2.56	0.46	48.1	179.8	36.3	10270	1.57	125.2	132.4	0.95	7.54	9.64	7.16	
20180929_Mulgaria-20	174	12	Pbcor6/38	0.0272	0.0019	0.1800	0.0190	0.0481	0.0040	173	12	166	16	103	197	100	12	139	4.1	475	424900	0.137	13.37	2.52	3.79	1.73	44.5	129.0	27.9	9130	0.26	214.6	192.0	1.12	6.28	7.89	4.47	
20180929_Mulgaria-21	504	33	Pbcor6/38	0.0824	0.0056	0.7820	0.0830	0.0685	0.0058	510	33	587	45	883	175	99	9	118	16.9	54	370700	1.420	10.09	3.66	1.53	1.06	6.3	8.2	1.5	5391	0.08	40.6	102.0	0.40	2.35	1.25	3.79	
20180929_Mulgaria-22	1696	80	7/6	0.2872	0.0190	4.1300	0.3200	0.1040	0.0045	1629	100	1655	64	1696	80	98	7	174	8.7	357	413600	0.031	21.65	0.79	1.34	0.40	28.8	127.1	27.4	10670	0.91	61.5	96.3	0.64	9.50	6.33	5.60	
20180929_Mulgaria-23	270	18	Pbcor6/38	0.0427	0.0029	0.3030	0.0320	0.0514	0.0041	270	18	265	25	258	183	100	12	288	17.6	1176	418000	0.064	1.86	2.07	5.08	0.37	112.3	299.4	58.1	9310	0.37	54.5	115.3	0.47	5.17	18.12	9.27	
20180929_Mulgaria-24	117	9	Pbcor6/38	0.0184	0.0014	0.1340	0.0210	0.0534	0.0077	117	9	125	18	345	326	101	15	256	17.9	697	408600	0.198	7.42	2.85	4.05	0.80	62.6	200.6	40.2	9800	0.19	62.6	80.4	0.78	6.42	11.02	8.27	
20180929_Mulgaria-25	1696	90	7/6	0.2299	0.0160	3.3300	0.2800	0.1040	0.0051	1334	81	1482	66	1696	90	90	7	950	20.8	1940	368700	2.110	54.30	22.00	28.20	18.10	334.0	214.0	37.2	9730	0.71	152.0	134.6	1.13	1.11	34.97	30.65	S
20180929_Mulgaria-27	2656	67	7/6	0.4747	0.0320	11.9000	0.9200	0.1804	0.0073	2504	140	2594	73	2656	67	97	6	177	24.8	418	400700	0.069	52.73	4.40	5.82	1.77	44.3	87.5	17.0	6489	0.26	106.8	92.5	1.15	3.83	8.27	5.72	
20180929_Mulgaria-28	1041	104	7/6	0.1894	0.0130	1.9410	0.1600	0.0740	0.0038	1118	69	1088	56	1041	104	103	8	232	15.6	586	415200	0.015	24.08	1.02	2.13	0.48	48.6	196.5	41.2	9790	1.12	70.8	75.3	0.94	8.48	9.93	7.50	
20180929_Mulgaria-29	453	29	Pbcor6/38	0.0728	0.0049	0.5730	0.0460	0.0568	0.0026	453	29	459	29	483	101	100	9	680	3.6	1370	408900	0.028	2.45	0.37	1.37	0.38	107.0	317.0	58.6	11780	1.86	21.5	502.0	0.04	5.48	20.18	21.94	S
20180929_Mulgaria-30	577	37	Pbcor6/38	0.0933	0.0063	0.7170	0.0630	0.0557	0.0032	575	37	545	38	439	128	100	10	254	27.6	167	404700	0.047	22.51	7.84	10.83	1.01	26.9	15.2	2.3	10410	0.55	119.0	97.5	1.22	0.84	3.50	8.19	
20180929_Mulgaria-31	320	21	Pbcor6/38	0.0511	0.0035	0.3990	0.0370	0.0565	0.0037	321	21	338	27	471	145	100	10	217	6.3	853	411100	0.100	9.97	1.41	2.64	0.64	71.0	277.3	58.1	9650	0.57	75.7	151.3	0.50	8.18	13.57	7.00	
20180929_Mulgaria-32	97	7	Pbcor6/38	0.0153	0.0011	0.1090	0.0150	0.0532	0.0063	98	7	104	13	336	268	103	14	161	4.1	766	412000	0.014	19.40	1.32	2.66	1.32	56.2	296.0	67.2	8839	0.75	109.0	177.0	0.62	11.96	12.75	5.20	
20180929_Mulgaria-34	1539	87	7/6	0.2760	0.0190	3.6430	0.2900	0.0956	0.0044	1574	98	1561	64	1539	87	101	8	327	12.5	1034	410100	0.015	60.20	3.58	6.28	2.07	98.1	306.3	64.8	7500	0.74	100.8	65.4	1.54	6.61	18.31	10.55	
20180929_Mulgaria-35	302	20	Pbcor6/38	0.0481	0.0032	0.3520	0.0310	0.0532	0.0030	303	20	305	23	336	128	100	10	182	14.7	835	421500	0.040	10.62	1.03	2.05	0.54	68.8	266.4	56.9	10580	0.30	141.9	195.0	0.73	8.27	13.29	5.86	
20180929_Mulgaria-36	1159	109	7/6	0.1956	0.0130	2.1150	0.1800	0.0785	0.0043	1151	71	1143	60	1159	109	101	8	244	14.7	588	421200	Below LOD	10.55	0.67	1.84	0.25	49.2	186.0	38.2	10360	0.62	48.1	54.4	0.88	7.76	9.40	7.86	
20180929_Mulgaria-37	1369	84	7/6	0.2296	0.0160	2.7870	0.2300	0.0874	0.0038	1331	82	1345	61	1369	84	99	8	324	10.0	649	411100	0.065	15.82	0.87	2.04	0.56	50.8	223.2	48.2	9310	0.54	76.7	100.8	0.76	9.49	10.62	10.45	

20180929_Mulgaria-38	150	11	Pbcor6/38	0.0236	0.0017	0.1740	0.0230	0.0528	0.0057	151	11	161	20	319	246	99	13	146	12.9	580	448600	0.061	11.53	0.67	1.45	0.60	38.4	279.2	67.9	10350	0.38	97.7	193.2	0.51	17.68	9.88	4.72	
20180929_Mulgaria-39	338	23	Pbcor6/38	0.0539	0.0037	0.4100	0.0460	0.0547	0.0049	338	23	342	33	399	200	99	12	252	12.3	937	379000	0.019	11.95	1.18	3.16	0.56	80.8	265.0	53.9	8760	0.30	110.4	104.7	1.05	6.67	14.75	8.14	
20180929_Lake Torrens-1	1599	78	7/6	0.2744	0.0180	3.7450	0.2900	0.0987	0.0041	1563	93	1578	62	1599	78	99	7	211	16.8	564	414900	0.016	7.75	0.89	1.82	0.30	48.9	167.8	34.1	9090	0.49	53.8	79.5	0.68	6.97	8.95	6.81	
20180929_Lake Torrens-2	1557	82	7/6	0.2769	0.0190	3.6700	0.2900	0.0965	0.0042	1575	94	1561	63	1557	82	101	7	231	21.2	911	441900	0.049	9.34	2.04	3.98	0.57	83.6	246.0	48.0	9530	0.49	83.2	101.8	0.82	5.74	14.29	7.45	
20180929_Lake Torrens-3	1586	82	7/6	0.2782	0.0190	3.7500	0.3000	0.0980	0.0043	1582	94	1578	64	1586	82	100	7	218	15.0	726	418300	0.020	8.28	1.60	3.16	0.49	65.9	203.0	40.4	9070	0.47	64.5	86.4	0.75	6.13	11.46	7.04	
20180929_Lake Torrens-5	1555	78	7/6	0.2844	0.0190	3.7830	0.3000	0.0964	0.0040	1613	96	1585	61	1555	78	102	7	251	16.2	1109	410800	0.030	10.59	3.41	6.14	0.76	105.5	280.0	54.8	8760	0.52	106.7	118.9	0.90	5.19	17.38	8.11	
20180929_Lake Torrens-7	1597	78	7/6	0.2698	0.0180	3.6670	0.2900	0.0986	0.0041	1540	92	1566	58	1597	78	98	7	245	22.9	895	415800	0.085	9.97	2.29	4.63	0.63	83.3	238.0	47.0	8850	0.48	85.6	100.6	0.85	5.64	14.10	7.89	
20180929_Lake Torrens-8	1563	103	7/6	0.2674	0.0180	3.5900	0.3100	0.0968	0.0053	1527	94	1543	68	1563	103	99	7	234	21.6	737	377100	0.339	10.96	3.37	4.11	0.67	69.8	198.0	39.0	8060	0.42	73.7	86.7	0.85	5.59	11.76	7.55	
20180929_Lake Torrens-9	1578	77	7/6	0.2635	0.0180	3.5700	0.2800	0.0976	0.0040	1508	90	1540	62	1578	77	98	7	377	61.6	1331	423700	0.392	47.50	4.10	5.64	1.72	116.9	409.0	83.9	10300	1.31	159.3	149.3	1.07	7.18	22.28	12.16	
20180929_Lake Torrens-10	246	17	6/38	0.0390	0.0028	0.2820	0.0350	0.0530	0.0056	246	17	247	27	328	240	100	13	285	16.0	1232	415100	0.031	4.69	2.11	4.52	1.94	109.2	367.0	74.7	7280	0.28	46.7	87.4	0.53	6.84	19.25	9.19	
20180929_Lake Torrens-11	2062	65	7/6	0.3856	0.0260	6.7670	0.5100	0.1274	0.0047	2102	120	2080	66	2062	65	101	7	205	7.8	763	414100	0.006	14.72	0.76	2.07	0.07	67.3	224.0	42.7	11620	3.14	162.1	392.0	0.41	6.34	12.18	6.62	
20180929_Lake Torrens-12	939	60	7/6	0.1627	0.0110	1.5820	0.1200	0.0704	0.0030	972	60	961	49	939	87	101	8	213	5.7	828	407200	0.073	8.86	1.53	3.04	0.16	75.8	223.8	43.9	9430	1.10	105.0	291.3	0.36	5.79	13.00	6.87	
20180929_Lake Torrens-14	1603	81	7/6	0.2779	0.0190	3.8150	0.3000	0.0989	0.0043	1581	94	1594	62	1603	81	99	7	273	15.0	541	381500	0.394	41.40	4.40	4.11	1.13	46.4	176.3	37.0	9140	0.81	222.8	230.1	0.97	7.97	9.87	8.81	
20180929_Lake Torrens-16	1259	95	7/6	0.2146	0.0140	2.4610	0.2000	0.0826	0.0040	1253	76	1254	60	1259	95	100	8	308	8.7	911	418600	0.018	6.34	1.80	3.60	0.28	86.0	240.0	46.5	9130	0.88	92.3	123.7	0.75	5.41	14.21	9.94	
20180929_Lake Torrens-17	1149	112	7/6	0.1846	0.0130	1.9890	0.1800	0.0781	0.0044	1091	69	1106	58	1149	112	99	8	310	27.5	854	423100	0.236	30.82	2.16	3.36	0.74	75.3	284.6	58.3	10370	0.91	83.8	45.7	1.83	7.74	14.42	10.00	
20180929_Lake Torrens-18	1589	82	7/6	0.2780	0.0190	3.7900	0.3000	0.0982	0.0043	1581	94	1589	61	1589	82	99	7	247	22.2	590	402900	0.056	10.05	0.97	2.05	0.32	51.9	172.3	34.6	8820	0.58	67.9	96.8	0.70	6.66	9.42	7.96	
20180929_Lake Torrens-19	1582	78	7/6	0.2725	0.0180	3.6720	0.2900	0.0978	0.0041	1553	92	1568	62	1582	78	99	7	243	29.1	625	404200	0.142	11.81	1.51	2.46	0.40	55.1	181.2	36.3	8780	0.62	94.6	110.5	0.86	6.59	10.02	7.84	
20180929_Lake Torrens-20	1206	91	7/6	0.2000	0.0130	2.2300	0.1800	0.0804	0.0037	1175	72	1187	56	1206	91	99	8	134	11.1	307	384300	0.106	18.43	1.81	2.22	0.42	30.0	84.0	17.0	9537	0.57	124.5	127.6	0.98	5.68	5.42	4.32	
20180929_Lake Torrens-21	1576	77	7/6	0.2465	0.0170	3.3110	0.2600	0.0975	0.0040	1420	86	1480	61	1576	77	96	7	235	20.5	730	447800	0.176	12.30	1.53	2.39	0.27	64.1	212.0	41.3	10080	1.16	91.1	148.1	0.62	6.44	11.61	7.59	
20180929_Lake Torrens-22	718	47	Pbcor6/38	0.1185	0.0082	1.1220	0.1000	0.0686	0.0039	721	47	760	51	886	118	100	9	195	3.5	592	412400	0.015	6.45	1.19	2.31	0.24	54.0	161.0	31.6	9440	1.09	50.1	104.1	0.48	5.85	9.30	6.29	
20180929_Lake Torrens-23	1549	84	7/6	0.2765	0.0190	3.6750	0.2900	0.0961	0.0043	1573	94	1561	63	1549	84	101	7	197	17.6	457	419100	0.023	7.58	0.67	1.43	0.27	38.6	141.1	28.5	9150	0.48	43.2	73.0	0.59	7.38	7.29	6.35	
20180929_Lake Torrens-24	1588	78	7/6	0.2778	0.0190	3.7680	0.2900	0.0981	0.0041	1580	94	1582	63	1588	78	100	7	229	19.1	516	415400	0.027	9.65	0.79	1.59	0.29	44.3	155.8	31.6	9070	0.59	55.7	81.8	0.68	7.13	8.27	7.40	
20180929_Lake Torrens-25	939	60	Pbcor6/38	0.1578	0.0110	1.6440	0.1400	0.0756	0.0040	944	60	980	54	1084	106	100	8	205	23.5	774	427300	0.143	9.34	1.65	3.39	0.21	74.1	204.1	39.4	9970	1.81	60.0	114.9	0.52	5.32	12.24	6.60	
20180929_Lake Torrens-26	1060	129	7/6	0.1955	0.0140	2.0000	0.1900	0.0747	0.0048	1151	73	1105	61	1060	129	104	9	286	17.2	800	419300	0.047	36.10	1.69	3.35	0.38	68.5	269.0	56.5	11140	1.32	85.5	57.3	1.49	8.25	13.73	9.23	
20180929_Lake Torrens-27	1123	119	7/6	0.1929	0.0130	2.0480	0.1800	0.0771	0.0046	1136	71	1120	61	1123	119	101	8	241	15.2	479	413900	0.024	26.05	0.75	1.65	0.39	40.9	159.8	32.9	9750	1.03	41.4	56.6	0.73	8.06	8.35	7.76	
20180929_Lake Torrens-28	855	54	Pbcor6/38	0.1425	0.0096	1.3970	0.1200	0.0712	0.0042	859	54	883	50	962	120	100	8	230	7.8	647	423000	0.031	8.15	0.82	2.03	0.16	57.5	182.8	35.7	9930	1.62	39.0	63.5	0.61	6.21	10.18	7.41	
20180929_Daly-1	1800	73	7/6	0.3320	0.0220	5.0590	0.3900	0.1101	0.0044	1848	110	1828	65	1800	73	101	7	824	5.8	1611	405000	1.030	7.98	7.40	5.49	0.32	132.9	485.0	96.2	9450	0.66	75.4	305.2	0.25	7.24	24.87	26.58	S
20180929_Daly-2	1969	81	7/6	0.3587	0.0240	6.0200	0.4900	0.1209	0.0055	1975	120	1975	70	1969	81	100	7	633	3.9	250	378600	6.250	35.20	11.87	3.63	0.42	24.2	73.2	15.9	9089	0.37	44.1	71.1	0.62	6.56	5.35	20.42	
20180929_Daly-3	253	17	Pbcor6/38	0.0399	0.0027	0.2710	0.0260	0.0494	0.0034	252	17	242	20	166	161	100	11	295	3.5	665	416900	0.012	6.83	0.56	1.24	0.38	49.6	258.6	58.6	10550	0.41	60.2	170.7	0.35	11.81	10.74	9.52	
20180929_Daly-5	257	17	Pbcor6/38	0.0408	0.0028	0.3080	0.0310	0.0552	0.0042	258	17	270	24	419	170	101	11	235	23.2	881	403500	0.256	13.03	2.32	4.73	1.08	79.8	256.1	51.7	9360	0.43	116.8	149.8	0.78	6.48	14.09	7.58	

[illegible]																																						
20180929_Ashburton-11	3336	57	7/6	0.6090	0.0410	23.0900	1.8000	0.2753	0.0100	3064	160	3229	73	3336	57	95	5	333	10.2	926	405800	0.521	14.60	5.05	5.46	2.15	84.0	272.0	57.7	7560	0.34	65.3	97.9	0.67	6.87	14.98	10.74	
20180929_Ashburton-12	1817	72	7/6	0.3297	0.0220	5.0070	0.3800	0.1111	0.0044	1837	110	1821	67	1817	72	101	7	1079	18.8	1906	405400	2.210	25.60	19.30	14.70	3.60	168.4	575.0	116.0	10870	0.90	98.4	236.0	0.42	6.89	30.49	34.81	S
20180929_Ashburton-13	1828	76	7/6	0.3705	0.0250	5.7400	0.4500	0.1118	0.0047	2031	120	1934	69	1828	76	105	7	1043	11.2	1530	384900	1.100	20.30	14.10	9.60	2.12	134.0	451.0	92.2	9540	0.65	96.5	170.5	0.57	6.88	24.36	33.65	
20180929_Ashburton-14	1625	76	7/6	0.2948	0.0200	4.1100	0.3200	0.1001	0.0041	1670	110	1655	63	1625	76	101	8	353	5.7	695	386600	0.770	23.60	4.30	3.59	0.54	62.0	205.0	40.8	10310	1.47	180.6	416.0	0.43	6.58	11.55	11.39	
20180929_Ashburton-15	1775	71	7/6	0.3226	0.0210	4.8140	0.3700	0.1086	0.0042	1802	100	1785	63	1775	71	101	7	354	8.6	953	410500	0.037	14.86	1.11	2.68	0.46	80.9	288.0	58.1	9980	1.28	128.0	210.7	0.61	7.18	15.14	11.42	
20180929_Ashburton-16	1817	75	7/6	0.3262	0.0220	4.9700	0.3900	0.1111	0.0046	1819	110	1814	63	1817	75	100	7	323	11.5	1429	423300	0.040	44.90	3.64	7.78	1.80	137.0	361.0	70.2	10040	0.89	214.0	131.0	1.63	5.12	23.50	10.42	
20180929_Ashburton-17	1779	82	7/6	0.2843	0.0190	4.2300	0.3300	0.1088	0.0049	1613	96	1677	65	1779	82	96	7	526	17.9	1582	468100	3.450	50.00	27.10	20.00	7.18	141.3	349.5	69.0	12180	1.93	177.5	247.1	0.72	4.88	25.77	16.97	
20180929_Ashburton-18	1813	69	7/6	0.3201	0.0210	4.8290	0.3700	0.1109	0.0042	1790	100	1793	74	1813	69	100	7	1236	14.5	2510	457200	0.570	11.90	6.40	5.90	1.28	190.0	876.0	173.1	13230	1.33	129.0	400.0	0.32	9.11	38.85	39.87	S
20180929_Ashburton-19	1797	71	7/6	0.3227	0.0220	4.8870	0.3700	0.1099	0.0043	1802	100	1798	65	1797	71	100	7	328	8.1	1500	411400	0.065	56.20	5.52	9.60	1.75	145.0	375.0	72.9	10040	1.00	316.0	176.4	1.79	5.03	24.98	10.58	
20180929_Ashburton-20	2473	69	7/6	0.4689	0.0310	10.2800	0.7800	0.1617	0.0066	2478	140	2460	70	2473	69	101	6	231	12.3	1630	451300	0.254	9.57	4.58	8.42	1.10	152.8	381.0	70.6	9670	0.85	135.2	241.7	0.56	4.62	25.02	7.45	
20180929_Ashburton-21	1235	84	7/6	0.2048	0.0140	2.3120	0.1800	0.0816	0.0035	1201	73	1214	56	1235	84	99	8	367	11.4	1141	388900	0.181	13.27	3.15	5.25	0.86	103.6	314.8	61.2	8820	0.82	183.5	308.8	0.59	5.91	17.96	11.84	
20180929_Ashburton-22	1844	69	7/6	0.2831	0.0190	4.4350	0.3400	0.1128	0.0049	1607	95	1718	63	1844	69	94	7	1300	10.4	1930	398900	2.400	29.08	23.40	29.40	17.60	327.0	346.0	68.8	10770	0.95	236.1	387.8	0.61	2.10	34.65	41.94	S
20180929_Ashburton-23	1836	73	7/6	0.3084	0.0210	4.7600	0.3800	0.1123	0.0045	1731	110	1772	69	1836	73	98	7	293	16.2	684	415000	0.361	26.70	5.80	5.70	1.98	57.5	240.0	54.2	9140	0.49	124.0	132.2	0.94	9.43	11.79	9.45	
20180929_Ashburton-24	1809	71	7/6	0.3062	0.0200	4.6600	0.3600	0.1106	0.0043	1722	100	1758	65	1809	71	98	7	231	9.7	930	438200	0.048	23.08	1.87	4.58	1.35	84.6	250.5	50.5	10510	0.65	160.3	173.9	0.92	5.96	15.09	7.46	
20180929_Ashburton-25	1792	71	7/6	0.3348	0.0230	5.0300	0.4000	0.1096	0.0043	1861	110	1822	65	1792	71	102	7	455	15.2	1830	440400	0.254	27.70	6.40	9.60	1.65	171.0	477.0	93.3	9710	1.56	339.0	360.0	0.94	5.46	29.04	14.68	
20180929_Ashburton-26	1676	99	7/6	0.2563	0.0170	3.6400	0.3100	0.1029	0.0055	1470	89	1550	67	1676	99	95	7	259	16.0	700	435000	0.033	11.76	0.99	2.06	0.30	59.8	205.0	43.2	11290	0.66	100.9	88.7	1.14	7.22	11.17	8.35	
20180929_Ashburton-27	1572	79	7/6	0.2636	0.0180	3.5580	0.2800	0.0973	0.0041	1508	91	1538	63	1572	79	98	7	288	15.1	702	385500	1.230	44.90	13.00	9.36	1.99	70.3	180.0	36.7	8685	0.61	159.0	219.0	0.73	5.22	12.54	9.29	
20180929_Ashburton-28	1715	86	7/6	0.2568	0.0170	3.7400	0.3000	0.1051	0.0049	1473	89	1578	66	1715	86	93	7	513	34.8	1455	400300	1.400	39.70	15.30	15.90	2.68	151.7	330.8	61.5	8930	0.50	337.0	320.2	1.05	4.05	23.88	16.55	
20180929_Ashburton-30	1795	73	7/6	0.3158	0.0210	4.7660	0.3700	0.1098	0.0044	1769	100	1777	65	1795	73	100	7	329	9.1	919	417300	0.397	40.16	3.52	4.40	1.04	79.7	284.2	56.6	10720	1.72	233.6	247.3	0.94	7.10	15.57	10.61	
20180929_Ashburton-31	1807	76	7/6	0.3024	0.0200	4.6000	0.3600	0.1105	0.0046	1703	100	1746	64	1807	76	98	7	185	11.4	561	444300	0.114	29.12	1.45	2.10	0.60	43.2	194.2	41.8	10510	1.13	111.5	152.9	0.73	9.68	9.69	5.97	
20180929_Ashburton-32	1799	69	7/6	0.3658	0.0260	5.5700	0.4500	0.1100	0.0042	2007	120	1906	71	1799	69	105	7	618	4.4	1340	393400	0.171	12.70	2.52	4.23	0.94	116.1	409.0	82.3	9690	1.21	134.0	297.0	0.45	7.09	21.11	19.94	S
20180929_Ashburton-33	1833	76	7/6	0.3210	0.0220	4.9220	0.3800	0.1121	0.0047	1794	100	1805	66	1833	76	99	7	295	10.4	1050	451400	0.796	56.40	13.98	11.12	2.69	94.0	310.0	63.5	11880	1.90	365.0	304.0	1.20	6.76	18.25	9.52	
20180929_Ashburton-34	1839	84	7/6	0.3247	0.0220	5.0400	0.4000	0.1125	0.0052	1812	110	1820	68	1839	84	100	7	302	14.7	737	421300	0.181	9.98	3.79	4.66	1.42	71.6	203.7	41.3	8640	0.46	80.6	61.2	1.32	5.77	11.86	9.75	
20180929_Ashburton-35	1326	82	7/6	0.2162	0.0140	2.5610	0.2000	0.0855	0.0036	1262	77	1287	57	1326	82	98	7	599	63.5	941	386400	1.630	52.60	23.40	17.80	5.43	104.9	239.0	44.5	9430	1.42	200.0	262.7	0.76	4.24	16.82	19.32	S
20180929_Ashburton-37	1779	74	7/6	0.3257	0.0220	4.8790	0.3700	0.1088	0.0044	1817	110	1796	65	1779	74	101	7	512	9.2	1058	413600	0.104	29.30	1.95	3.51	1.02	90.3	337.0	69.9	10750	1.55	139.5	163.2	0.85	7.74	17.42	16.52	S
20180930_Lake Carey-1	2679	127	7/6	0.5232	0.0210	13.1200	1.0000	0.1829	0.0140	2712	89	2686	74	2679	127	101	4	260	6.1	572	398700	1.740	39.60	22.90	13.70	3.79	53.5	171.9	37.9	10430	0.23	32.9	66.1	0.50	7.08	10.51	8.39	
20180930_Lake Carey-3	2695	125	7/6	0.4652	0.0190	11.8400	0.9400	0.1847	0.0140	2462	83	2589	75	2695	125	95	4	244	22.0	480	404000	1.790	41.10	17.50	10.85	3.44	45.9	130.7	27.9	9490	0.18	208.2	72.6	2.87	6.07	9.02	7.87	
20180930_Lake Carey-4	2741	173	7/6	0.5310	0.0270	14.0000	1.5000	0.1900	0.0200	2743	110	2753	110	2741	173	100	6	282	25.5	946	384800	0.093	13.22	3.75	6.30	2.68	93.2	252.8	51.8	7790	0.25	23.8	20.0	1.19	5.56	15.27	9.10	
20180930_Lake Carey-6	2669	128	7/6	0.5219	0.0220	13.0500	1.0000	0.1818	0.0140	2706	91	2683	79	2669	128	101	5	160	5.2	384	414800	0.094	16.80	1.72	1.46	0.59	28.6	156.1	36.8	10550	0.29	34.9	37.3	0.94	12.86	6.73	5.17	
20180930_Lake Carey-7	2699	125	7/6	0.5084	0.0210	12.9000	1.0000	0.1852	0.0140	2649	91	2669	76	2699	125	99	4	272	19.0	545	419000	0.660	17.40	5.98	4.13	1.43	46.9	168.4	35.5	9300	0.41	57.1	69.3	0.82	7.57	9.10	8.77	
20180930_Lake Carey-8	2723	132	7/6	0.5700	0.0280	14.7200	1.3000	0.1879	0.0150	2899	120	2782	80	2723	132	104	5	160	12.0	527	407200	0.192	17.30	2.01	2.06	0.63	44.8	172.0	36.1	9660	0.25	27.0	30.6	0.88	8.06	8.81	5.16	
20180930_Lake Carey-9	2678	127	7/6	0.5148	0.0210	12.9800	1.0000	0.1828	0.0140	2676	89	2673	76	2678	127	100	4	145	10.8	282	408400	0.023	11.85	0.50	1.02	0.34	21.9	106.3	24.9	9730	0.25	29.3	42.6	0.69	11.37	4.89	4.68	
20180930_Lake Carey-10	2689	126	7/6	0.5139	0.0210	13.0400	1.1000	0.1841	0.0140	2672	90	2677	75	2689	126	100	4	398	7.4	754	413400	0.044	15.54	1.18	2.07	0.61	61.0	248.0	53.4	9630	0.63	34.7	41.8	0.83	8.75	12.23	12.84	
20180930_Lake Carey-11	2705	124	7/6	0.4982	0.0210	12.7600	1.0000	0.1858	0.0140	2605	89	2657	76	2705	124	98	4	242	8.0	598	425500	0.340	16.30	5.50	5.59	1.78	55.6	173.0	36.8	9400	0.17	40.7	43.0	0.95	6.61	9.94	7.81	
20180930_Lake Carey-12	2730	131	7/6	0.4370	0.0190	11.5100	0.9600	0.1887	0.0150	2336	85	2559	77	2730	131	91	4	363	12.7	595	408500	1.070	47.40	16.60	7.10	2.23	53.4	187.2	40.3	9820	0.28	79.0	36.4	2.17	7.55	11.03	11.71	
20180930_Lake Carey-13	2702	125	7/6	0.5436	0.0230	13.7900	1.1000	0.1855	0.0140	2797	95	2734	73	2702	125	102	4	182	7.7	727	414100	0.015	9.32	2.14	4.18	1.33	69.8	201.0	41.4	8670	0.33	29.5	40.0	0.74	5.93	11.67	5.87	
20180930_Lake Carey-15	2680	127	7/6	0.5215	0.0220	13.1400	1.1000	0.1830	0.0140	2704	92	2680	75	2680	127	101	4	318	12.6	1414	409500	0.044	16.74	4.76	8.23	2.98	135.3	366.4	73.0	8130	0.35	40.7	35.0	1.16	5.40	22.44	10.26	
20180930_Lake Carey-16	2719	123	7/6	0.5039	0.0220	12.8000	1.0000	0.1874	0.0140	2630	92	2664	73	2719	123	99	4	190	10.2	401	457600	1.400	44.90	11.70	8.40	2.62	37.8	135.6	29.9	11750	0.52	87.4	91.5	0.96	7.92	8.05	6.13	
20180930_Lake Carey-17	2718	132	7/6	0.4764	0.0210	12.2400	1.0000	0.1873	0.0150	2509	90	2617	76	2718	132	96	4	284	27.2	1196	431500	0.134	10.98	4.83	7.86	2.56	115.3	299.7	59.2	8300	0.34	37.8	41.8	0.91	5.14	18.84	9.16	
20180930_Lake Carey-18	1682	141	7/6	0.2301	0.0099	3.2410	0.2600	0.1032	0.0079	1335	52	1465	62	1682	141	91	5	1376	21.2	2374	452400	0.870	17.90	8.10	9.10	3.19	206.0	725.0	148.8	12580	1.28	109.7	464.6	0.24	7.22	37.40	44.39	S
20180930_Lake Carey-20	1414	186	7/6	0.2354	0.0120	2.8600	0.2900	0.0895	0.0087	1361	60	1371	80	1414	186	99	7	252	20.4	556	392500	0.063	11.20	1.70	3.25	0.61	53.3	141.0	27.9	9970	0.73	38.7	59.3	0.65	5.23	8.95	8.13	
20180930_Lake Carey-21	2689	126	7/6	0.4734	0.0200	12.0600	0.9700	0.1840	0.0140	2497	86	2603	74	2689	126	96	4	191	8.6	343	435800	0.375	17.80	4.90	3.11	1.05	28.2	118.5	26.9	11210	0.24	26.7	56.0	0.48	9.54	6.04	6.15	
20180930_Lake Carey-22	2662	128	7/6	0.5343	0.0210	13.2300	1.0000	0.1811	0.0140	2759	90	2692	77	2662	128	102	4	211	7.5	568	418900	0.020	12.54	1.05	2.14	0.51	46.7	191.2	42.5	9620	0.45	31.0	46.5	0.67	9.10	9.32	6.81	
20180930_Lake Carey-23	2750	138	7/6	0.4766	0.0200	12.4200	1.1000	0.1910	0.0160	2512	88	2630	82	2750	138	96	4	316	31.9	676	456200	0.086	14.22	1.26	2.12	0.84	56.3	214.0	45.5	9700	0.43	17.2	26.6	0.65	8.08	10.97	10.19	
20180930_Lake Carey-24	1184	149	7/6	0.1935	0.0078	2.1070	0.1700	0.0795	0.0060	1140	42	1153	58	1184	149	99	6	493	70.0	2455	427900	0.135	32.09	8.91	14.10	0.61	234.7	614.0	117.9	10670	2.79	390.0	361.0	1.08	5.02	38.69	15.90	
20180930_Lake Carey-25	1216	153	7/6	0.2072	0.0085	2.3150	0.1900	0.0808	0.0063	1214	45	1216	57	1216	153	100	6	313	10.7	467	376800	0.430	14.30	2.69	1.84	0.37	36.9	162.2	34.1	10630	2.68	147.4	378.3	0.39	9.24	7.75	10.10	
20180930_Lake Carey-26	2654	129	7/6	0.5110	0.0230	12.7000	1.0000	0.1802	0.0140	2659	96	2652	78	2654	129	100	5	185	12.9	692	402200	0.040	12.77	2.46	4.27	1.03	63.1	185.7	38.0	8520	0.21	29.0	29.8	0.97	6.02	11.10	5.97	
20180930_Lake Carey-28	1138	148	7/6	0.2017	0.0080	2.1530	0.1700	0.0777	0.0058	1184	43	1168	50	1138	148	101	6	216	8.0	826	419700	0.690	49.50	1.57	2.26	0.57	64.3	299.2	65.4	11080	3.00	290.3	439.6	0.66	10.17	14.62	6.97	
20180930_Lake Carey-30	1642	141	7/6	0.3022	0.0120	4.2100	0.3400	0.1010	0.0077	1702	61	1672	66	1642	141	102	5	380	21.7	938	407900	0.068	13.03	2.29	3.50	0.68	83.6	257.1	51.4	9310	0.73	102.3	118.4	0.86	6.15	14.82	12.26	
20180930_Lake Carey-31	1429	184	7/6	0.2101	0.0096	2.5800	0.2500	0.0902	0.0087	1228	51	1281	71	1429	184	96	7	441	30.6	1279	407800	0.244	64.70	15.49	16.65	2.81	135.9	255.9	48.5	9070	0.57	414.1	80.2	5.16	3.57	21.90	14.23	
20180930_Lake Carey-32	1206	157	7/6	0.2071	0.0084	2.2800	0.1900	0.0804	0.0064	1213	45	1205	61	1206	157	101	6	313	20.0	838	400200	0.167	51.80	5.10	6.96	1.60	83.8	220.2	43.2	9250	1.17	200.1	105.8	1.89	5.16	14.82	10.10	
20180930_Lake Carey-33	1138	151	7/6	0.1866	0.0074	1.9960	0.1600	0.0777	0.0059	1103	40	1112	54	1138	151	99	6	373	16.1	1356	419300	0.069	28.03	2.62	5.20	0.31	119.6	412.0	81.4	11070	2.19	299.6	272.1	1.10	6.81	21.86	12.03	
20180930_Lake Carey-34	2676	127	7/6	0.5047	0.0210	12.6200	1.0000	0.1826	0.0140	2633	89	2648	75	2676	127	99	4	264	13.3	1324	430100	0.101	11.83	3.82	7.15	2.19	121.4	352.0	70.5	8520	0.55	49.7	61.0	0.81	5.81	20.77	8.52	
20180930_Lake Carey-36	1640	142	7/6	0.3028	0.0120	4.2100	0.3300	0.1009	0.0077	1705	60	1673	65	1640	142	102	5	227	5.9	650	413400	0.017	5.25	0.91	2.12	0.28	57.7	181.9	36.5	9550	0.59	70.8	146.5	0.48	6.33	10.15	7.32	
20180930_Lake Carey-37	2708	124	7/6	0.4484	0.0190	11.4500	0.9200	0.1862	0.0140	2387	85	2557	75	2708	124	93	4	381	29.4	466	450700	2.500	100.00	22.50	12.30	3.92	47.5	152.4	34.2	10950	0.33	81.1	89.8	0.90	7.20	11.11	12.29	
20180930_Lake Carey-38	2674	127	7/6	0.5307	0.0210	13.2200	1.0000	0.1824	0.0140	2744	91	2694	74	2674	127	102	4	303	12.9	1160	439400	0.309	24.30	3.32	4.07	1.20	85.9	412.0	91.1	9200	0.46	101.1	113.6	0.89	10.61	18.85	9.77	
20180930_Lake Carey-40	2728	122	7/6	0.4856	0.0200	12.5900	1.0000	0.1880	0.0140	2550	87	2646	76	2728	122	96	4	343	19.4	657	432100	0.055	12.95	2.04	3.00	0.88	51.6	229.1	51.3	9930	0.21	38.0	58.8	0.65	9.95	10.73	11.06	
20180930_Nalla Creek-1	2758	120	7/6	0.5487	0.0220	14.5100	1.1000	0.1919	0.0140	2819	91	2783	74	2758	120	101	4	234	16.4	542	394300	0.110	9.46	0.92	1.52	0.38	43.8	174.2	36.4	9200	0.34	71.8	101.7	0.71	8.33	8.68	7.55	
20180930_Nalla Creek-4	2762	128	7/6	0.5300	0.0250	13.8400	1.1000	0.1924	0.0150	2741	110	2737	76	2762	128	100	5	177	16.5	500	460600	1.360	28.00	5.70	3.90	1.04	42.5	177.0	38.5	11340	0.25	73.7	117.7	0.63	9.06	8.91	5.71	
20180930_Nalla Creek-6	1164	212	7/6	0.1994	0.0092	2.1700	0.2300	0.0787	0.0084	1171	49	1159	79	1164	212	101	8	493	19.9	969	361700	0.180	11.26	4.53	5.24	0.62	92.4	250.1	49.0	8180	0.77	56.3	60.6	0.93	5.30	15.30	15.90	S
20180930_Nalla Creek-7	2740	121	7/6	0.5221	0.0220	13.5400	1.1000	0.1898	0.0140	2707	92	2717	74	2740	121	100	4	181	34.3	826	448200	0.510	16.79	5.02	5.22	1.52	77.3	227.0	46.3	10194	0.32	116.0	130.8	0.89	5.99	13.41	5.84	
20180930_Nalla Creek-8	2710	124	7/6	0.5613	0.0230	14.4200	1.1000	0.1864	0.0140	2871	93	2781	67	2710	124	103	4	217	7.7	546	404200	0.149	10.62	1.81	2.17	0.49	45.9	169.4	35.2	9670	0.32	57.0	84.8	0.67	7.68	8.80	7.01	
20180930_Nalla Creek-9	2766	128	7/6	0.5588	0.0230	14.9100	1.2000	0.1928	0.0150	2861	94	2808	75	2766	128	102	4	248	13.2	573	387100	0.111	12.20	1.62	2.40	0.78	50.0	164.1	33.4	9100	0.37	56.7	79.1	0.72	6.68	9.23	8.00	
20180930_Nalla Creek-10	2736	122	7/6	0.5386	0.0220	13.9800	1.1000	0.1894	0.0140	2777	92	2747	73	2736	122	101	4	309	9.4	1600	425000	0.410	17.70	4.20	5.45	1.36	138.0	486.0	98.7	8770	0.53	109.5	146.6	0.75	7.15	25.30	9.97	
20180930_Nalla Creek-11	2759	120	7/6	0.5092	0.0200	13.4500	1.0000	0.1920	0.0140	2653	87	2710	74	2759	120	98	4	329	19.3	1073	427500	0.900	26.60	7.30	6.86	1.79	98.0	290.5	58.3	9790	0.38	126.9	134.5	0.94	5.95	17.46	10.61	
20180930_Nalla Creek-13	2656	119	7/6	0.4907	0.0200	12.1800	0.9500	0.1804	0.0130	2573	86	2617	73	2656	119	98	4	299	14.9	1043	406100	0.373	47.10	6.43	6.86	2.04	96.3	312.0	64.9	9640	0.61	204.0	229.0	0.89	6.74	17.93	9.65	
20180930_Nalla Creek-14	2663	119	7/6	0.4910	0.0200	12.1900	0.9500	0.1812	0.0130	2574	87	2618	73	2663	119	98	4	691	47.9	870	419400	0.950	66.60	8.00	7.50	1.67	79.3	245.0	51.4	9780	1.09	261.0	290.1	0.90	6.48	15.79	22.29	
20180930_Nalla Creek-15	2741	121	7/6	0.5246	0.0220	13.9100	1.1000	0.1900	0.0140	2718	92	2742	75	2741	121	99	4	218	5.4	537	373400	0.176	6.90	1.27	1.86	0.43	39.4	196.3	45.5	7855	0.27	53.4	79.3	0.67	11.55	8.66	7.03	
20180930_Nalla Creek-17	2739	130	7/6	0.4950	0.0230	13.0200	1.1000	0.1897	0.0150	2592	99	2680	76	2739	130	97	5	1030	16.6	1800	373300	3.110	132.00	20.30	15.10	4.31	173.0	465.0	92.7	7530	1.09	376.0	110.4	3.41	5.36	32.44	33.23	S
20180930_Nalla Creek-18	2679	127	7/6	0.5170	0.0210	13.0100	1.0000	0.1829	0.0140	2686	88	2679	73	2679	127	100	4	432	13.2	903	416000	2.340	87.00	12.50	8.90	1.16	79.1	271.7	56.5	11610	1.27	116.6	258.0	0.45	7.14	17.01	13.94	
[illegible]																																						
20180930_Murray1-24	504	20	Pbcor6/38	0.0817	0.0034	0.6930	0.0610	0.0615	0.0052	506	20	533	38	656	181	100	8	831	16.9	1559	421100	0.293	8.25	2.91	4.71	0.96	131.9	454.0	91.2	11310	0.68	71.7	165.0	0.43	6.91	24.13	26.81	S
20180930_Murray1-25	881	37	Pbcor6/38	0.1473	0.0065	1.4940	0.1400	0.0737	0.0068	886	37	923	55	1032	186	100	7	264	31.6	1156	385000	0.400	9.20	4.91	6.83	0.85	117.7	276.7	54.9	8440	0.45	71.4	82.1	0.87	4.66	18.24	8.52	
20180930_Murray1-26	512	21	Pbcor6/38	0.0830	0.0035	0.6970	0.0690	0.0606	0.0060	514	21	529	41	656	210	101	9	258	14.7	646	420000	Below LOD	9.72	0.59	1.61	0.40	52.9	199.9	41.0	10200	0.75	58.2	77.5	0.75	7.75	10.21	8.33	
20180930_Murray1-27	159	7	Pbcor6/38	0.0248	0.0011	0.1550	0.0180	0.0443	0.0048	158	7	144	15	0	264	98	12	163	3.1	867	420600	Below LOD	18.90	0.48	1.45	0.61	61.0	360.0	85.4	11110	0.34	77.2	163.7	0.47	14.00	14.44	5.26	
20180930_Murray1-28	415	17	Pbcor6/38	0.0665	0.0028	0.4880	0.0530	0.0542	0.0060	415	17	402	37	378	248	101	10	227	5.5	1259	466600	0.048	14.74	2.15	3.90	0.67	98.3	402.0	86.4	11910	0.77	225.0	305.0	0.74	8.79	19.85	7.32	
20180930_Murray1-29	175	8	Pbcor6/38	0.0274	0.0012	0.1770	0.0220	0.0473	0.0058	174	8	164	19	63	292	101	13	116	2.8	913	445600	Below LOD	17.90	1.78	3.97	1.44	70.5	355.0	84.3	12480	0.20	181.0	230.0	0.79	11.96	15.19	3.73	
20180930_Murray1-30	269	13	Pbcor6/38	0.0426	0.0020	0.2990	0.0400	0.0516	0.0066	269	13	263	31	267	294	101	13	218	8.5	1197	473400	0.056	18.30	1.68	4.10	0.80	99.3	346.0	72.0	12370	0.27	122.0	147.0	0.83	7.25	18.92	6.87	
20180930_Murray1-31	708	28	Pbcor6/38	0.1159	0.0048	0.9820	0.0830	0.0616	0.0049	707	28	693	42	656	171	100	7	308	4.7	992	450400	0.014	4.78	1.66	3.89	0.14	89.6	259.0	50.6	10120	0.67	78.6	327.0	0.24	5.65	15.28	9.94	
20180930_Murray1-32	483	19	Pbcor6/38	0.0780	0.0032	0.6270	0.0550	0.0584	0.0051	484	19	491	35	544	191	100	8	563	10.0	2006	421400	0.193	87.70	3.31	6.16	1.39	180.3	517.3	94.2	8950	6.32	162.2	168.3	0.96	5.22	33.32	18.16	
20180930_Murray1-33	131	6	6/38	0.0205	0.0010	0.1360	0.0180	0.0488	0.0063	131	6	130	16	137	304	100	13	271	10.5	1431	436100	0.039	35.90	3.15	7.60	2.17	134.0	352.0	68.9	9200	0.50	133.1	112.4	1.18	5.14	23.11	8.75	
20180930_Murray1-34	2606	124	7/6	0.4500	0.0180	10.8500	0.8600	0.1751	0.0130	2394	82	2505	74	2606	124	96	4	233	7.6	347	419300	Below LOD	16.23	1.05	2.27	0.13	33.8	83.4	16.8	10860	0.23	108.4	79.4	1.37	4.97	5.85	7.51	
20180930_Murray1-35	421	18	6/38	0.0674	0.0029	0.5230	0.0530	0.0565	0.0058	421	18	420	35	471	228	100	9	144	4.2	310	419900	Below LOD	6.78	0.34	0.83	0.28	22.1	129.8	31.7	10210	0.40	36.5	62.8	0.58	14.38	5.18	4.66	
20180930_Murray1-37	282	12	Pbcor6/38	0.0447	0.0019	0.3150	0.0320	0.0514	0.0050	282	12	275	25	258	224	100	10	261	11.2	1411	418300	0.028	13.40	4.87	7.97	1.02	126.0	335.0	64.9	10330	0.80	167.0	176.0	0.95	5.15	21.75	8.42	
20180930_Murray1-38	523	21	Pbcor6/38	0.0844	0.0035	0.6470	0.0550	0.0561	0.0046	522	21	505	33	455	182	101	8	203	4.7	1120	446000	0.069	19.20	2.31	5.47	1.01	102.0	292.0	58.2	11290	0.98	192.0	256.0	0.75	5.71	17.80	6.53	
20180930_Murray1-39	589	23	Pbcor6/38	0.0956	0.0040	0.7790	0.0710	0.0592	0.0053	589	23	583	43	574	195	100	8	223	15.6	380	409700	0.026	40.50	1.94	2.99	0.40	35.4	113.0	22.4	9760	1.34	207.7	110.3	1.88	6.33	7.28	7.19	
20180930_Murray1-40	526	20	6/38	0.0850	0.0034	0.6870	0.0630	0.0595	0.0054	526	20	529	39	585	197	99	8	181	11.3	487	418700	0.012	7.80	1.38	2.87	0.19	48.6	117.8	22.8	10020	0.87	53.9	132.3	0.41	4.69	7.77	5.83	
20180930_Murray1-41	584	23	Pbcor6/38	0.0945	0.0039	0.7430	0.0630	0.0572	0.0046	582	23	564	35	498	177	100	8	91	2.4	395	422300	0.162	5.13	1.20	0.63	0.28	22.2	263.2	51.2	7390	32.70	25.0	206.9	0.12	23.09	6.65	2.93	
20180930_Murray1-42	499	20	Pbcor6/38	0.0806	0.0034	0.6340	0.0600	0.0576	0.0053	500	20	496	37	514	202	101	9	226	11.7	2150	444000	0.105	8.23	4.11	8.12	1.56	198.0	522.0	99.0	8050	2.43	131.8	199.4	0.66	5.00	32.91	7.29	
20180930_Murray1-44	279	12	Pbcor6/38	0.0443	0.0019	0.3100	0.0330	0.0515	0.0055	279	12	270	26	262	246	101	11	1004	8.3	1834	416700	Below LOD	0.53	0.79	3.05	0.07	151.6	503.0	100.8	11620	0.38	27.7	145.0	0.19	6.65	27.72	32.39	S
20180930_Murray1-45	3354	112	7/6	0.5883	0.0250	22.4700	1.8000	0.2786	0.0200	2982	100	3203	79	3354	112	93	4	515	26.8	1306	445500	6.660	84.00	44.70	25.50	4.96	118.4	374.8	81.4	11040	2.42	650.0	430.0	1.51	6.88	23.52	16.61	
20180930_Murray1-46	403	16	Pbcor6/38	0.0648	0.0027	0.5170	0.0440	0.0576	0.0047	405	16	422	30	514	179	100	8	430	30.5	1058	379100	1.970	28.40	11.82	8.93	2.43	86.6	370.0	81.5	9350	1.44	236.0	426.0	0.55	9.41	17.70	13.87	
20180930_Murray1-47	562	22	6/38	0.0910	0.0038	0.7390	0.0660	0.0595	0.0052	562	22	560	38	585	190	100	8	209	12.2	525	451300	0.153	9.20	2.20	3.62	0.58	51.7	146.4	28.6	11570	0.43	82.9	280.3	0.30	5.53	8.50	6.74	
20180930_Murray1-48	278	12	6/38	0.0440	0.0019	0.3120	0.0310	0.0520	0.0050	278	12	275	24	284	220	101	10	201	5.7	1173	460000	0.480	11.98	2.22	3.78	0.41	101.5	343.0	68.4	11100	0.65	157.2	341.0	0.46	6.74	18.41	6.48	
20180930_Murray1-49	2245	134	7/6	0.4018	0.0170	7.7600	0.6300	0.1415	0.0110	2181	76	2209	70	2245	134	99	5	218	8.2	520	414900	0.039	33.00	2.08	3.67	1.02	46.1	146.7	29.2	8960	0.40	83.6	50.6	1.65	6.33	9.11	7.04	
20180930_Murray1-50	1046	232	7/6	0.2302	0.0110	2.3400	0.2700	0.0742	0.0085	1334	58	1183	89	1046	232	113	10	449	23.5	1253	415500	0.044	15.60	2.63	6.00	0.77	119.9	320.0	62.7	10970	1.14	97.0	28.2	3.44	5.23	19.80	14.48	
20180930_Murray1-52	410	16	Pbcor6/38	0.0655	0.0027	0.4850	0.0470	0.0540	0.0051	409	16	400	32	370	212	100	9	640	7.2	1107	461700	Below LOD	0.55	1.03	5.65	0.29	139.6	109.0	17.2	13690	0.39	32.0	299.0	0.11	1.23	16.95	20.65	S
20180930_Murray1-55	104	5	Pbcor6/38	0.0163	0.0008	0.1070	0.0170	0.0477	0.0075	104	5	101	15	83	373	100	16	217	-1.0	919	422800	0.008	8.37	2.32	4.85	1.30	82.0	264.7	54.7	9200	0.33	83.7	100.9	0.83	6.67	14.51	6.99	
20180930_Murray1-56	596	23	Pbcor6/38	0.0967	0.0039	0.7830	0.0640	0.0585	0.0046	595	23	586	37	548	172	100	8	166	17.1	263	395900	0.101	4.37	1.62	3.09	0.59	33.4	27.9	4.7	11530	0.19	85.5	445.2	0.19	1.41	4.22	5.34	
20180930_Murray1-57	2605	124	7/6	0.4858	0.0200	11.7400	0.9100	0.1750	0.0130	2552	86	2582	73	2605	124	99	4	279	49.5	521	400900	1.750	40.00	15.90	9.60	2.63	48.7	186.6	42.0	11590	2.15	134.5	319.0	0.42	8.62	9.89	9.00	
20180930_Murray1-60	539	21	Pbcor6/38	0.0884	0.0035	0.8480	0.0700	0.0696	0.0054	546	21	622	38	916	160	100	6	706	40.2	1597	409400	5.780	58.60	40.90	22.07	5.26	159.3	355.0	68.2	12230	1.50	302.0	417.0	0.72	4.28	26.74	22.77	S
20180930_Murray1-61	564	24	Pbcor6/38	0.0915	0.0041	0.7400	0.0720	0.0593	0.0055	564	24	559	42	577	202	101	9	284	18.8	653	457300	0.012	5.68	1.18	2.52	0.12	58.0	198.7	39.4	11840	1.43	168.7	228.4	0.74	6.79	10.28	9.16	
20180930_Murray1-63	619	24	Pbcor6/38	0.1009	0.0041	0.8560	0.0770	0.0618	0.0054	620	24	623	42	666	187	100	8	448	19.6	1526	421700	0.072	8.02	4.94	9.33	0.27	149.0	328.0	61.1	11380	0.60	119.2	112.7	1.06	4.10	23.40	14.45	
20180930_Murray1-64	296	13	Pbcor6/38	0.0468	0.0020	0.3140	0.0340	0.0491	0.0053	295	13	275	26	152	252	101	11	370	2.8	1843	447400	0.009	6.76	1.85	4.85	0.91	155.9	550.0	114.7	9240	0.58	107.6	191.1	0.56	7.36	28.59	11.94	
20180930_Murray1-65	683	29	6/38	0.1119	0.0050	0.9800	0.1100	0.0638	0.0068	683	29	684	53	734	226	100	9	209	15.3	690	424900	0.010	4.55	1.75	3.60	0.40	68.3	169.6	33.1	8900	1.40	37.1	34.3	1.08	4.85	10.80	6.74	
20180930_Murray2-66	529	22	Pbcor6/38	0.0852	0.0036	0.6460	0.0610	0.0556	0.0050	527	22	506	38	435	200	101	9	154	22.2	214	434200	0.015	10.01	0.93	1.37	0.36	18.8	85.6	19.3	10280	0.13	66.7	125.0	0.53	10.25	3.82	4.97	
20180930_Murray2-67	889	38	Pbcor6/38	0.1507	0.0067	1.7540	0.1500	0.0847	0.0076	905	38	1025	56	1308	174	100	6	692	37.1	1286	385700	0.980	26.80	4.57	5.48	1.12	114.6	379.8	79.0	9750	2.89	179.1	215.4	0.83	6.89	20.88	22.32	S
20180930_Murray2-68	355	15	Pbcor6/38	0.0566	0.0024	0.4180	0.0550	0.0539	0.0068	355	15	344	38	366	284	101	12	189	5.0	297	422000	0.011	0.51	0.18	0.56	0.11	24.6	110.8	25.3	8790	0.19	14.6	58.7	0.25	10.28	4.75	6.08	
20180930_Murray2-69	154	8	Pbcor6/38	0.0245	0.0012	0.1850	0.0320	0.0568	0.0099	156	8	171	28	483	384	104	16	111	4.7	438	426500	0.007	7.83	1.39	2.36	0.85	35.7	157.6	37.0	10420	0.08	49.3	58.3	0.85	10.36	7.25	3.59	
20180930_Murray2-70	935	38	Pbcor6/38	0.1558	0.0068	1.4670	0.1200	0.0690	0.0057	933	38	915	52	898	170	101	7	82	4.0	413	459000	Below LOD	8.36	0.74	1.36	0.43	32.8	146.3	33.9	13280	0.29	63.6	296.0	0.21	10.34	6.77	2.65	
20180930_Murray2-71	243	10	Pbcor6/38	0.0383	0.0016	0.2572	0.0220	0.0487	0.0039	243	10	233	18	132	188	100	9	317	6.4	1334	440000	0.217	13.60	2.08	3.75	0.20	110.0	397.0	81.7	12540	1.32	317.0	719.0	0.44	7.43	20.86	10.23	
20180930_Murray2-72	562	23	Pbcor6/38	0.0914	0.0039	0.7680	0.0790	0.0619	0.0064	564	23	572	47	670	222	101	9	183	15.3	505	436500	0.030	44.00	1.56	2.60	0.64	43.7	139.4	28.4	9480	0.52	220.0	90.3	2.44	6.50	9.21	5.90	
20180930_Murray2-73	1667	143	7/6	0.3060	0.0170	4.2700	0.3700	0.1024	0.0079	1714	83	1682	74	1667	143	102	7	575	6.6	1190	409600	0.147	13.87	2.26	3.49	0.92	97.3	377.0	80.8	11380	1.38	69.2	219.0	0.32	8.30	18.88	18.55	S
20180930_Murray2-74	579	25	Pbcor6/38	0.0936	0.0042	0.7250	0.0800	0.0563	0.0061	577	25	549	47	463	240	100	10	114	6.3	126	440900	0.090	10.60	1.20	1.56	0.44	15.3	23.9	4.9	11410	1.24	60.2	170.9	0.35	3.20	2.37	3.68	
20180930_Murray2-75	165	8	Pbcor6/38	0.0260	0.0012	0.1870	0.0210	0.0520	0.0059	166	8	173	18	284	260	100	11	232	21.2	792	390000	0.190	11.49	2.03	2.51	0.65	60.9	284.0	63.4	8810	0.52	143.0	231.0	0.62	10.41	12.79	7.48	
20180930_Murray2-77	1089	169	7/6	0.1936	0.0080	2.0350	0.1800	0.0758	0.0064	1141	43	1122	61	1089	169	102	7	307	9.5	382	403100	0.035	10.34	0.77	1.61	0.24	32.0	120.5	25.3	9900	0.45	71.3	107.5	0.66	7.91	6.26	9.90	
20180930_Murray2-78	1418	145	7/6	0.2460	0.0098	3.0430	0.2400	0.0897	0.0068	1419	53	1415	62	1418	145	100	6	250	5.4	1076	426800	Below LOD	14.49	1.35	3.44	0.20	97.5	291.0	56.9	10180	1.62	67.9	126.3	0.54	5.84	16.92	8.05	
20180930_Murray2-79	1154	157	7/6	0.1977	0.0080	2.1330	0.1800	0.0783	0.0062	1163	43	1155	58	1154	157	101	6	240	13.4	568	421800	0.012	9.80	0.70	1.88	0.23	47.9	179.8	36.4	10690	0.97	69.8	107.2	0.65	7.61	9.09	7.75	
20180930_Murray2-80	252	10	Pbcor6/38	0.0397	0.0017	0.2650	0.0320	0.0488	0.0059	251	10	237	26	137	284	101	12	360	39.5	2054	465900	0.540	12.49	3.99	7.10	0.47	182.2	526.0	101.3	11540	0.98	271.4	459.8	0.59	5.56	31.56	11.61	
20180930_Murray2-81	432	18	Pbcor6/38	0.0693	0.0029	0.5180	0.0490	0.0552	0.0052	432	18	421	33	419	210	101	9	435	4.5	1760	437300	0.330	12.99	3.21	7.30	1.19	164.0	461.0	89.4	9930	0.78	220.0	279.0	0.79	5.45	27.44	14.03	
20180930_Murray2-82	186	9	Pbcor6/38	0.0290	0.0014	0.1740	0.0310	0.0438	0.0077	185	9	157	26	0	400	101	20	447	24.2	1641	434100	Below LOD	3.82	4.79	9.26	0.42	160.7	366.0	68.0	10480	0.50	55.8	51.5	1.08	4.23	25.05	14.42	
20180930_Murray2-83	499	20	Pbcor6/38	0.0803	0.0033	0.6090	0.0620	0.0553	0.0055	498	20	481	40	423	222	100	10	143	5.2	447	427000	0.202	23.80	2.00	2.01	0.52	35.5	158.0	34.1	10570	1.70	86.7	112.3	0.77	9.61	7.80	4.61	
20180930_Murray2-84	304	17	Pbcor6/38	0.0486	0.0027	0.3910	0.0660	0.0581	0.0096	306	17	325	48	533	362	99	15	137	8.4	534	398800	0.227	4.11	2.40	3.37	0.40	54.5	133.6	26.5	7280	0.37	30.9	53.7	0.57	4.87	8.46	4.43	
20180930_Murray2-85	519	21	Pbcor6/38	0.0835	0.0035	0.6210	0.0550	0.0546	0.0048	517	21	490	34	395	197	101	8	107	4.0	193	467200	Below LOD	5.41	0.30	1.22	0.48	21.4	35.4	7.4	12610	0.32	23.4	273.0	0.09	3.46	3.15	3.45	
20180930_Murray2-86	134	6	Pbcor6/38	0.0209	0.0010	0.1360	0.0180	0.0475	0.0062	134	6	128	16	73	310	101	14	255	8.8	1478	425700	Below LOD	28.13	4.25	8.10	2.25	134.6	389.5	77.7	9170	0.45	182.6	132.1	1.38	5.77	23.60	8.23	
20180930_Murray2-87	491	20	Pbcor6/38	0.0788	0.0034	0.5830	0.0560	0.0540	0.0052	489	20	463	36	370	216	101	9	153	5.2	313	421200	0.006	6.05	0.34	0.76	0.22	20.2	157.5	39.4	12420	0.32	49.2	124.3	0.40	19.50	5.38	4.94	
20180930_Murray2-88	1027	157	7/6	0.1722	0.0069	1.7320	0.1400	0.0735	0.0057	1024	38	1019	52	1027	157	100	6	879	13.0	1932	453900	0.850	10.80	9.20	8.80	2.18	162.4	569.2	109.1	13290	0.60	67.0	311.6	0.22	6.72	29.83	28.35	S
20180930_Murray2-89	146	7	Pbcor6/38	0.0230	0.0011	0.1590	0.0270	0.0507	0.0087	146	7	145	24	226	396	101	17	238	12.7	748	426000	Below LOD	10.22	1.04	2.80	0.70	63.9	233.0	47.1	9390	0.51	60.0	74.5	0.81	7.37	11.86	7.67	
20180930_Murray2-90	499	20	Pbcor6/38	0.0802	0.0033	0.5930	0.0520	0.0536	0.0045	497	20	470	33	353	190	100	9	159	4.3	614	422500	0.010	27.30	0.45	1.20	0.37	49.6	212.0	46.6	10770	1.19	117.3	161.6	0.73	9.40	10.53	5.13	
20180930_Murray2-91	485	21	6/38	0.0782	0.0035	0.6370	0.0790	0.0610	0.0070	485	21	496	49	638	246	98	11	273	5.9	522	438200	1.100	24.80	3.90	2.62	0.63	43.9	176.9	36.9	12000	1.22	144.6	202.6	0.71	8.41	9.03	8.81	
20180930_Murray2-92	182	11	Pbcor6/38	0.0289	0.0017	0.2200	0.0440	0.0550	0.0110	184	11	191	35	411	448	100	19	329	23.0	959	432400	0.013	3.13	2.32	4.26	0.22	92.5	239.0	44.9	10420	0.48	31.0	34.5	0.90	4.85	14.79	10.63	
20180930_Murray2-94	150	8	Pbcor6/38	0.0233	0.0012	0.1260	0.0200	0.0397	0.0062	149	8	118	18	0	315	101	20	185	3.2	401	424100	Below LOD	7.65	0.43	1.03	0.61	32.1	149.1	35.2	10610	0.21	30.8	66.4	0.46	10.97	6.63	5.97	
20180930_Murray2-95	495	20	6/38	0.0798	0.0033	0.6370	0.0560	0.0583	0.0050	495	20	497	35	540	188	100	8	307	10.5	1488	426700	0.013	13.29	3.29	5.86	1.64	131.3	420.0	85.1	9350	0.42	111.9	125.1	0.89	6.48	23.33	9.90	
20180930_Murray2-96	2688	126	7/6	0.5059	0.0200	12.8300	0.9900	0.1839	0.0140	2638	87	2666	73	2688	126	99	4	236	7.8	1074	423100	0.040	20.02	3.13	5.20	0.63	97.7	277.0	52.9	10280	1.04	104.2	168.1	0.62	5.41	17.03	7.63	
20180930_Murray2-97	182	8	Pbcor6/38	0.0287	0.0012	0.1960	0.0210	0.0491	0.0052	182	8	180	18	152	248	99	11	275	4.6	1384	439100	0.076	18.44	1.96	4.43	0.74	108.3	473.0	101.2	10540	0.31	224.0	285.0	0.79	9.34	22.07	8.87	
20180930_Murray2-98	498	20	Pbcor6/38	0.0804	0.0034	0.6510	0.0610	0.0584	0.0052	498	20	506	37	544	195	99	8	468	32.5	964	407000	2.760	37.50	17.80	11.85	3.48	98.6	248.0	48.4	9750	0.69	149.0	210.0	0.71	4.91	16.47	15.10	S
20180930_Murray2-99	1169	191	7/6	0.2073	0.0100	2.2000	0.2200	0.0789	0.0076	1213	54	1164	69	1169	191	104	8	129	6.6	579	419600	0.008	5.08	0.91	2.05	0.34	51.7	192.1	38.8	10640	0.97	26.6	46.2	0.58	7.50	9.24	4.16	
20180930_Murray2-100	498	20	Pbcor6/38	0.0801	0.0034	0.6080	0.0580	0.0553	0.0052	497	20	477	36	423	210	100	9	216	6.0	660	423000	0.006	36.86	0.61	1.51	0.40	54.3	211.9	43.8	10270	1.97	113.0	127.3	0.89	8.07	11.43	6.97	
20180930_Murray2-101	594	23	6/38	0.0965	0.0039	0.7990	0.0660	0.0594	0.0047	594	23	595	37	581	172	100	7	84	26.4	102	371000	0.330	8.64	2.64	2.10	0.68	11.1	31.9	7.3	10040	0.27	82.1	734.0	0.11	6.57	1.98	2.71	
20180930_Murray2-102	247	13	6/38	0.0390	0.0021	0.2770	0.0480	0.0548	0.0100	247	13	248	40	403	408	100	17	281	9.6	1300	428100	0.007	7.62	1.90	4.58	1.11	113.0	369.0	74.6	9650	0.12	32.6	42.2	0.77	6.60	20.19	9.06	
20180930_Murray2-103	556	22	Pbcor6/38	0.0902	0.0037	0.7440	0.0640	0.0595	0.0049	557	22	562	37	585	179	100	8	96	4.9	364	439000	0.017	23.30	0.50	0.91	0.25	27.6	132.0	28.6	12440	1.04	113.0	219.7	0.51	10.36	6.46	3.10	
20180930_Murray2-105	278	13	Pbcor6/38	0.0442	0.0020	0.3310	0.0430	0.0544	0.0070	279	13	287	32	387	288	100	12	130	6.1	847	401700	0.013	1.64	1.46	2.62	0.88	71.5	276.0	59.2	7990	0.13	41.5	86.7	0.48	8.28	13.27	4.19	
20180930_Murray2-106	165	8	6/38	0.0260	0.0012	0.1830	0.0320	0.0502	0.0088	165	8	165	27	203	406	100	17	133	5.6	299	431800	Below LOD	4.46	0.40	0.59	0.33	20.8	137.0	35.4	9690	0.09	29.8	66.1	0.45	17.02	5.05	4.30	
20180930_Murray2-107	1136	192	7/6	0.1991	0.0088	2.1200	0.2000	0.0776	0.0075	1170	48	1138	71	1136	192	103	8	297	27.7	711	418700	0.021	37.20	3.12	4.70	1.00	68.1	194.0	38.3	8980	0.49	54.4	28.9	1.88	5.62	12.28	9.59	
20180930_Murray2-108	544	22	Pbcor6/38	0.0881	0.0037	0.7150	0.0660	0.0589	0.0052	544	22	543	38	562	192	100	8	170	4.5	360	428300	Below LOD	10.31	0.54	1.26	0.71	30.4	118.2	25.3	9340	0.59	26.4	128.4	0.21	8.31	5.95	5.47	
20180930_Murray2-109	595	23	Pbcor6/38	0.0966	0.0039	0.7910	0.0660	0.0593	0.0047	594	23	592	36	577	172	100	7	190	18.9	518	426900	0.006	7.03	2.62	4.86	0.35	54.6	107.0	20.2	10130	0.45	222.7	211.9	1.05	3.71	8.20	6.12	
20180930_Murray2-110	169	8	6/38	0.0266	0.0012	0.1820	0.0220	0.0500	0.0061	169	8	169	19	194	284	100	12	253	36.2	1039	439700	0.220	10.46	1.00	2.27	0.35	81.4	347.0	74.3	11400	0.51	210.0	340.0	0.62	9.13	16.41	8.16	
20180930_Murrumbidgee-101	451	18	Pbcor6/38	0.0723	0.0029	0.5460	0.0510	0.0545	0.0049	450	18	440	33	391	202	100	9	356	3.4	844	385800	0.095	9.47	1.17	2.44	0.28	73.0	262.0	53.7	10670	1.04	104.8	213.2	0.49	7.36	13.38	11.48	
20180930_Murrumbidgee-102	558	22	Pbcor6/38	0.0913	0.0037	0.8500	0.0680	0.0670	0.0051	563	22	624	37	837	159	99	6	449	6.9	974	380900	3.730	54.30	15.80	23.40	5.22	125.6	225.0	40.2	10220	0.75	292.0	644.0	0.45	3.20	17.79	14.48	
20180930_Murrumbidgee-103	2392	121	7/6	0.3987	0.0170	8.5100	0.6800	0.1542	0.0110	2162	79	2285	73	2392	121	95	5	389	22.5	1333	398000	0.540	37.70	8.70	11.90	2.92	139.3	302.0	58.5	9920	0.83	518.0	594.0	0.87	4.20	21.98	12.55	
20180930_Murrumbidgee-104	436	18	Pbcor6/38	0.0702	0.0030	0.5510	0.0490	0.0573	0.0050	437	18	448	30	502	192	100	8	154	2.8	549	438500	0.218	5.92	1.48	1.67	0.37	40.5	218.7	49.6	11310	0.40	83.9	207.9	0.40	12.25	8.90	4.96	
20180930_Murrumbidgee-105	501	21	Pbcor6/38	0.0812	0.0036	0.6820	0.0590	0.0612	0.0051	503	21	534	42	645	179	100	8	451	19.5	1300	377600	0.469	18.70	3.51	4.91	0.97	106.0	399.0	81.6	9930	1.17	243.0	329.0	0.74	7.70	20.56	14.55	
20180930_Murrumbidgee-106	410	16	Pbcor6/38	0.0657	0.0027	0.4870	0.0420	0.0543	0.0045	410	16	402	29	383	186	101	8	1088	3.6	2640	449000	0.066	4.37	1.23	3.13	0.47	208.0	809.0	157.0	12490	0.95	124.1	698.0	0.18	7.55	40.10	35.10	S
20180930_Murrumbidgee-108	451	18	Pbcor6/38	0.0724	0.0030	0.5430	0.0480	0.0543	0.0047	450	18	437	32	383	195	100	9	464	6.8	1238	409300	0.181	14.20	1.68	3.52	0.66	107.3	358.0	69.9	10610	1.25	141.0	226.0	0.62	6.51	19.42	14.97	
20180930_Murrumbidgee-110	404	17	6/38	0.0647	0.0028	0.4900	0.0410	0.0555	0.0045	404	17	404	28	431	181	100	8	1299	11.0	3060	472000	0.600	9.60	4.80	5.50	0.78	228.0	1011.0	198.6	13830	1.91	149.0	629.0	0.24	8.71	46.73	41.90	S
20180930_Murrumbidgee-111	2404	131	7/6	0.4150	0.0190	8.9600	0.7300	0.1553	0.0120	2237	89	2327	77	2404	131	96	5	385	13.6	1160	388300	0.640	17.72	6.31	7.39	0.74	116.4	279.0	51.9	9050	1.44	223.0	156.2	1.43	4.46	18.46	12.42	
20180930_Murrumbidgee-112	436	18	Pbcor6/38	0.0700	0.0030	0.5320	0.0630	0.0558	0.0068	436	18	430	42	443	270	101	11	922	7.3	1893	463900	0.022	2.37	0.80	2.77	0.24	144.6	578.0	115.4	12780	0.78	52.6	204.0	0.26	7.98	28.67	29.74	S
20180930_Murrumbidgee-113	434	18	Pbcor6/38	0.0698	0.0030	0.5560	0.0540	0.0583	0.0055	435	18	448	36	540	206	101	9	1050	11.2	2460	473200	1.190	12.50	8.27	7.49	1.43	188.0	754.0	152.0	12730	0.95	144.0	417.8	0.34	8.09	37.71	33.87	S
20180930_Murrumbidgee-114	653	30	Pbcor6/38	0.1057	0.0051	0.7880	0.0970	0.0538	0.0065	647	30	585	61	362	272	100	13	207	15.1	420	372000	0.022	8.01	2.11	3.41	0.37	45.3	91.4	17.0	8530	0.45	35.5	54.9	0.65	3.75	6.78	6.68	
20180930_Murrumbidgee-115	480	20	Pbcor6/38	0.0783	0.0034	0.7220	0.0760	0.0673	0.0071	486	20	550	43	846	220	100	8	478	18.9	1570	453900	3.900	49.00	18.10	14.60	3.70	145.0	407.0	79.3	12640	1.21	498.0	719.0	0.69	5.47	25.89	15.42	
20180930_Murrumbidgee-116	394	17	Pbcor6/38	0.0632	0.0028	0.4940	0.0510	0.0572	0.0056	395	17	406	35	498	216	101	9	791	31.2	2020	465200	1.580	13.70	5.70	7.40	1.09	170.0	554.0	109.0	13070	1.07	132.0	411.0	0.32	6.41	31.12	25.52	S
20180930_Murrumbidgee-117	578	24	Pbcor6/38	0.0953	0.0041	0.9550	0.0880	0.0719	0.0064	587	24	678	47	982	181	99	7	397	13.0	1053	366600	2.220	17.10	15.80	12.30	2.45	105.5	286.3	56.7	8012	0.54	90.7	218.1	0.42	5.37	17.15	12.81	
20180930_Murrumbidgee-118	421	17	Pbcor6/38	0.0675	0.0028	0.5020	0.0440	0.0543	0.0047	421	17	412	30	383	195	101	9	1372	3.7	2670	441200	0.017	1.26	0.66	3.05	0.19	193.2	918.0	182.9	12950	1.13	45.7	412.0	0.11	9.47	40.59	44.26	S
20180930_Murrumbidgee-119	433	17	Pbcor6/38	0.0705	0.0029	0.6610	0.0580	0.0677	0.0057	439	17	512	35	858	175	99	7	423	16.9	1950	404400	0.280	26.70	4.64	8.61	1.74	176.0	518.0	102.0	9790	1.13	333.0	361.0	0.92	5.80	30.74	13.65	
20180930_Murrumbidgee-120	469	23	Pbcor6/38	0.0768	0.0039	0.7490	0.1000	0.0704	0.0079	477	23	561	58	939	230	99	10	1610	12.4	3150	444000	0.470	9.01	4.62	10.10	2.16	283.0	836.0	159.0	11390	0.60	114.6	220.0	0.52	5.62	48.29	51.94	S

20180930_Murrumbidgee-121	425	17	Pbcor6/38	0.0682	0.0029	0.5150	0.0470	0.0552	0.0049	426	17	421	32	419	198	101	9	804	3.8	1840	461000	0.093	4.49		1.23	3.35	0.43			147.0				587.0	115.8	13050	1.05	82.0	379.0	0.22	7.88	28.24	25.94	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		2.38	6.05	0.44			261.2				840.0	161.0	12090	0.94	159.7	553.0	0.29	6.16	46.79	38.77	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0.88	2.68	0.34			100.9				380.0	77.0	10450	1.33	122.5	274.0	0.45	7.63	19.42	22.97	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.12	2.45	0.31			79.6				384.0	80.9	10560	1.68	228.0	385.0	0.59	10.16	16.88	11.71	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		0.12	0.89	0.05			99.2				623.0	132.4	13680	1.55	37.3	730.0	0.05	13.35	22.97	28.23	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.02	2.72	0.43			131.0				505.0	100.5	11090	1.12	84.7	270.0	0.31	7.67	25.51	29.71	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		2.24	5.09	1.00			115.3				339.0	67.1	9540	0.85	117.0	153.2	0.76	5.82	19.96	13.77	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		7.30	8.70	1.26			178.0				642.0	130.0	12500	1.06	405.0	700.0	0.58	7.30	33.49	10.06	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		1.65	4.52	0.54			137.5				434.2	86.4	11000	0.52	108.4	204.8	0.53	6.28	24.45	7.00	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		2.29	4.51	0.42			208.6				875.0	177.1	12280	1.30	76.8	514.0	0.15	8.49	41.33	45.61	S
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.144	2.51	6.05	2.80	37.80	12.05	145.0	52.1	235.0	45.7	405.0	85.4	8840	0.28	11.5	25.0	0.46	5.89	23.43	8.74	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.001	0.24	1.22	0.43	9.40	3.09	41.9	17.1	82.5	16.8	148.8	31.4	8320	0.17	10.0	23.6	0.42	7.50	7.75	5.68	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.320	8.90	7.80	3.03	22.90	6.26	67.8	23.1	112.2	23.3	218.7	48.3	8150	0.47	369.0	248.0	1.49	7.12	13.29	18.13	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.110	2.55	6.36	1.30	44.30	15.74	196.7	74.3	348.2	66.9	558.0	109.7	8840	0.66	35.9	65.0	0.55	5.58	33.23	7.10	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.228	3.08	4.85	0.98	18.50	4.62	48.2	15.3	69.5	13.6	119.2	24.4	8640	0.34	137.4	95.0	1.45	5.06	8.78	7.65	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5.700	30.00	10.70	2.42	31.00	8.40	94.0	30.9	138.0	27.0	237.0	46.9	6420	1.07	260.0	311.0	0.84	4.99	17.24	9.48	
20201009_Lake Dumbleyung_A3	2648	36	7/6	0.5272	0.0089	13.9200	1.5000	0.1795	0.0039	2729	38	2741	100	2648	36	100	4	268	14.7	944	420100	0.330	32.90	0.630	7.50	8.10	2.49	33.20	9.11	95.4	32.3	137.0	26.1	221.0	43.1	8110	0.55	121.0	110.0	1.10	4.52	15.74	8.65	
20201009_Lake Dumbleyung_A2	2635	23	7/6	0.4927	0.0087	12.8000	1.4000	0.1782	0.0025	2582	37	2664	100	2635	23	97	4	369	27.0	990	434000	6.900	93.00	6.100	35.00	20.30	6.40	37.30	9.60	106.0	34.1	151.2	31.5	281.0	56.5	11310	2.40	312.0	628.3	0.50	5.33	19.29	11.90	
20201009_Lake Dumbleyung_A1	2656	16	7/6	0.5012	0.0067	13.2700	1.4000	0.1804	0.0017	2619	29	2698	100	2656	16	97	4	269	19.5	502	414000	4.350	46.80	4.940	28.20	15.50	3.28	25.50	5.32	49.6	15.2	72.6	16.4	167.0	37.8	10430	1.79	103.2	548.1	0.19	7.62	9.93	8.68	
20201009_Lake Carey_A1	1223	174	7/6	0.1991	0.0068	2.3400	0.3300	0.0811	0.0072	1169	36	1199	110	1223	174	97	9	279	30.3	383	430000	0.026	25.79	0.086	1.60	2.89	0.65	10.75	3.20	36.2	12.6	58.9	11.9	105.8	21.1	9620	0.57	47.9	23.4	2.05	5.83	6.81	9.00	
20201009_Lake Carey_A2	2634	65	7/6	0.5150	0.0120	13.3200	1.5000	0.1780	0.0070	2677	51	2689	110	2634	65	100	4	150	4.7	354	435200	Below LOD	13.64	0.033	0.53	1.06	0.35	6.96	2.17	28.2	11.0	57.4	13.0	128.3	28.7	10260	0.21	18.5	24.1	0.77	10.17	6.01	4.84	
20201009_Lake Carey_A3	1159	73	7/6	0.2044	0.0037	2.3080	0.2600	0.0785	0.0029	1199	20	1210	79	1159	73	99	7	194	14.1	375	422700	Below LOD	39.50	0.054	0.71	1.56	0.30	8.23	2.43	32.1	12.2	62.2	14.3	135.5	29.6	11460	1.56	158.0	129.3	1.22	9.22	7.25	6.26	
20201009_Lake Carey_A4	2702	51	7/6	0.5252	0.0110	14.0400	1.6000	0.1855	0.0057	2720	45	2744	100	2702	51	99	4	249	8.5	803	424600	0.026	18.49	0.123	2.72	4.12	1.59	19.30	5.86	70.5	26.8	128.9	25.8	241.1	52.3	7800	0.32	47.1	39.2	1.20	7.42	13.16	8.03	
20201009_Lake Carey_A5	1146	79	7/6	0.1995	0.0035	2.2390	0.2600	0.0780	0.0031	1173	19	1192	84	1146	79	98	7	295	17.1	788	422400	0.023	70.30	0.168	2.33	4.60	0.79	19.60	6.32	74.0	26.1	122.7	24.6	218.6	43.9	9580	2.17	220.0	141.2	1.56	5.94	14.58	9.52	
20201009_Lake Carey_A6	1775	72	7/6	0.3198	0.0069	5.0200	0.5800	0.1086	0.0043	1788	33	1811	97	1775	72	99	6	196	8.1	329	434000	Below LOD	20.30	0.029	0.41	1.30	0.20	5.81	2.12	27.4	10.7	54.9	11.8	110.4	23.8	10440	0.95	43.6	67.5	0.65	8.69	5.79	6.32	
20201009_Lake Carey_A7	2755	42	7/6	0.5355	0.0100	14.6600	1.6000	0.1916	0.0049	2763	43	2789	110	2755	42	99	4	169	6.4	217	429400	Below LOD	8.23	0.053	0.70	1.39	0.68	4.58	1.28	16.3	6.5	34.9	8.3	90.5	23.7	7070	0.22	38.4	51.0	0.75	14.50	3.81	5.45	
20201009_Lake Carey_A8	2685	55	7/6	0.5280	0.0130	13.8000	1.6000	0.1836	0.0061	2728	57	2727	110	2685	55	100	5	154	7.6	326	432800	Below LOD	11.02	0.034	0.56	1.58	0.58	7.62	2.31	28.3	10.7	52.0	11.2	104.3	23.8	8530	0.23	19.0	18.2	1.05	8.41	5.48	4.97	
20201009_Lake Campion_A1	2599	39	7/6	0.5072	0.0093	12.6400	1.4000	0.1743	0.0041	2643	40	2650	100	2599	39	100	4	344	22.2	889	441000	1.360	29.70	1.360	8.50	7.35	1.38	24.50	7.36	83.3	29.5	137.7	27.1	244.0	49.6	9720	0.79	236.0	131.3	1.80	5.95	14.84	11.10	
20201009_Lake Campion_A2	2637	60	7/6	0.5106	0.0110	13.0700	1.5000	0.1784	0.0064	2657	47	2674	110	2637	60	99	4	294	26.1	530	440000	Below LOD	15.44	0.063	1.44	2.78	0.63	13.16	3.95	49.4	17.9	80.9	16.2	142.2	29.3	8880	0.47	29.3	27.8	1.06	5.92	8.68	9.48	
20201009_Lake Campion_A3	2674	83	7/6	0.5340	0.0160	13.7700	1.6000	0.1824	0.0092	2756	67	2736	120	2674	83	101	5	325	26.4	929	455000	2.900	19.00	0.900	5.40	5.50	1.68	28.50	8.22	91.1	31.1	142.6	26.3	224.0	43.4	9290	0.53	55.1	40.6	1.36	4.76	15.05	10.48	
20201009_Lake Campion_A4	2629	42	7/6	0.4965	0.0090	12.3000	1.4000	0.1775	0.0045	2598	39	2622	100	2629	42	99	4	278	19.0	961	444000	0.121	18.12	0.214	2.76	4.82	1.20	24.50	7.85	93.0	32.3	147.9	28.4	251.0	49.0	9440	0.81	82.0	77.5	1.06	5.27	15.47	8.97	
20201009_Nalla Creek_A1	2708	52	7/6	0.5142	0.0110	13.3300	1.5000	0.1862	0.0059	2673	46	2699	110	2708	52	99	4	393	20.8	1041	463000	1.970	26.90	0.810	7.30	6.23	1.82	27.30	8.42	97.6	34.5	156.9	31.3	274.0	55.7	8880	0.62	72.8	45.8	1.59	5.71	17.06	12.68	
20201009_Nalla Creek_A2	2670	47	7/6	0.5499	0.0110	13.7900	1.5000	0.1819	0.0052	2823	47	2728	110	2670	47	103	5	335	17.4	848	438000	0.057	32.34	0.254	3.31	4.75	1.25	21.60	6.49	76.8	27.8	129.6	25.2	219.3	43.7	9150	0.92	79.5	50.1	1.59	5.69	14.07	10.81	
20201009_Nalla Creek_A3	2789	34	7/6	0.5244	0.0099	13.8800	1.5000	0.1956	0.0041	2717	42	2740	100	2789	34	99	4	550	23.3	1218	427300	3.160	122.50	3.990	20.30	13.90	4.14	30.30	9.63	112.6	40.3	205.9	44.1	405.4	87.1	9720	1.03	327.0	175.2	1.87	7.74	23.67	17.74	
20201009_Nalla Creek_A4	2665	32	7/6	0.5470	0.0091	13.6000	1.5000	0.1814	0.0035	2812	38	2720	100	2665	32	103	4	298	19.7	836	436400	0.172	49.01	0.357	4.76	6.59	2.09	26.20	7.47	79.4	27.6	125.9	24.1	217.3	43.4	8730	0.58	177.8	117.2	1.52	5.47	14.59	9.61	
20201009_Lake Brown_A1	2659	44	7/6	0.4670	0.0170	11.5100	1.3000	0.1807	0.0048	2466	74	2561	110	2659	44	96	5	260	27.2	720	434100	3.380	185.00	7.100	44.00	24.70	9.50	41.80	9.40	82.0	23.5	94.0	18.8	165.0	32.8	10150	0.29	312.0	104.5	2.99	4.00	18.00	8.39	
20201009_Lake Wells_A1	1194	84	7/6	0.2145	0.0035	2.3270	0.2700	0.0799	0.0034	1252	18	1213	82	1194	84	103	7	303	15.7	682	435400	Below LOD	62.50	0.109	1.38	3.38	0.64	16.14	5.00	61.6	22.0	110.5	22.9	213.5	43.7	10880	2.11	241.8	144.9	1.67	7.09	12.72	9.77	
20201009_Lake Wells_A2	1599	76	7/6	0.3051	0.0055	4.0800	0.4700	0.0987	0.0040	1716	27	1641	94	1599	76	105	6	514	13.4	1431	435800	Below LOD	14.37	0.130	2.05	5.43	0.51	32.80	10.55	132.6	47.3	220.1	42.0	365.4	71.2	10670	2.27	64.5	97.2	0.66	5.37	22.32	16.58	
20201009_Lake Wells_A3	1181	92	7/6	0.2186	0.0044	2.3400	0.2700	0.0794	0.0037	1274	23	1224	77	1181	92	104	7	323	16.2	788	438300	Below LOD	16.44	0.037	0.98	2.24	0.51	16.10	5.43	69.6	25.8	124.2	25.3	227.6	45.7	9790	0.90	77.7	100.5	0.77	6.57	12.64	10.42	
20201009_Lake Wells_A5	2620	68	7/6	0.5320	0.0130	12.8000	1.5000	0.1766	0.0072	2746	54	2650	110	2620	68	104	5	330	37.1	629	441000	0.340	15.41	0.220	2.15	3.17	0.95	15.30	4.90	58.6	20.7	97.3	19.0	168.9	34.4	9080	0.46	28.8	29.3	0.98	5.87	10.26	10.65	
20201009_Lake Wells_A6	1278	103	7/6	0.2009	0.0042	2.4300	0.3000	0.0834	0.0044	1180	22	1245	89	1278	103	95	7	221	29.0	663	495000	0.820	60.90	0.260	1.96	3.43	0.69	15.00	4.86	58.9	21.3	106.4	21.1	204.6	40.5	11820	1.77	207.0	156.4	1.32	6.88	12.35	7.13	
20201009_Lake Wells_A7	1213	49	7/6	0.1978	0.0029	2.1710	0.2400	0.0807	0.0020	1163	16	1169	77	1213	49	100	7	117	10.3	198	440900	0.071	2.58	0.007	0.16	0.41	-1.00	1.76	0.83	11.8	5.6	36.0	9.8	123.1	37.2	14460	1.08	20.2	326.0	0.06	31.53	3.63	3.77	
20201009_Lake Wells_A8	999	95	7/6	0.1826	0.0034	1.8000	0.2100	0.0725	0.0034	1081	19	1039	76	999	95	104	8	236	6.2	659	439000	Below LOD	10.86	0.029	0.65	1.81	0.07	12.10	4.25	57.1	22.1	106.7	22.1	197.9	40.2	11370	2.53	74.7	155.2	0.48	7.04	10.48	7.61	
20201009_Lake Wells_A9	1024	83	7/6	0.2023	0.0041	2.0230	0.2300	0.0734	0.0030	1187	22	1118	80	1024	83	106	8	305	12.0	770	438100	Below LOD	7.41	0.048	1.30	2.14	0.36	16.40	5.35	69.9	25.3	118.5	24.2	220.8	45.9	11150	3.09	41.6	138.3	0.30	6.56	12.15	9.84	
20201009_Lake Wells_A11	1171	63	7/6	0.2047	0.0033	2.2230	0.2500	0.0790	0.0025	1200	18	1190	82	1171	63	101	7	276	13.6	822	455000	1.740	54.30	2.090	13.80	10.50	2.74	28.00	7.50	83.0	27.1	124.0	23.9	216.0	44.1	9700	0.91	219.0	256.0	0.86	5.31	14.81	8.90	
20201009_Lake Wells_A12	1249	88	7/6	0.2137	0.0044	2.4600	0.2800	0.0822	0.0037	1248	24	1253	85	1249	88	100	7	319	26.1	977	453000	0.620	66.40	0.424	4.58	6.55	1.14	27.90	8.18	93.5	32.0	149.6	29.6	261.2	52.8	10230	1.54	215.8	130.3	1.66	5.65	17.41	10.29	
20071121_Great Victoria Desert_CPL61-11	1080	33	7/6	0.1904	0.0025	1.9798	0.0713	0.0754	0.0025	1123	28	1109	34	1080	33	101	4	198	Below LOD	464		Below LOD	19.86			2.16	Below LOD			45.7					36.0			87.7	106.8	0.82	7.88	8.18	6.38	
20071121_Great Victoria Desert_CPL61-12	623	21	Pbcor6/38	0.1020	0.0028	0.9021	0.1050	0.0641	0.0073	626	21	653	58	746	62	100	9	90	Below LOD	339		Below LOD	6.52			1.84	Below LOD			34.4					20.3			16.7	32.2	0.52	5.89	5.57	2.89	
20071121_Great Victoria Desert_CPL61-13	1705	39	7/6	0.3091	0.0023	4.4541	0.0675	0.1045	0.0014	1736	40	1722	40	1705	39	101	3	292	Below LOD	881		Below LOD	11.44			2.19	0.38			74.2					56.2			287.6	379.1	0.76	7.57	13.97	9.43	
20071121_Great Victoria Desert_CPL61-14	1703	40	7/6	0.3129	0.0028	4.5028	0.0814	0.1044	0.0016	1755	41	1731	41	1703	40	101	3	928	13.0	2033		Below LOD	3.01			4.93	Below LOD			183.7					104.4			101.2	256.0	0.40	5.68	31.10	29.95	S
20071121_Great Victoria Desert_CPL61-15	2514	61	7/6	0.4492	0.0080	10.2554	0.3366	0.1656	0.0046	2392	63	2458	62	2514	61	97	4	449	Below LOD	583		Below LOD	9.52			3.23	Below LOD			63.0					38.6			70.8	152.1	0.47	6.13	9.74	14.48	
20071121_Great Victoria Desert_CPL61-16	1007	28	7/6	0.1614	0.0023	1.6194	0.0507	0.0728	0.0020	965	25	978	29	1007	28	99	4	138	Below LOD	408		Below LOD	30.59			1.56	0.40			33.0					39.4			113.7	229.2	0.50	11.95	7.64	4.46	
20071121_Great Victoria Desert_CPL61-17	1192	37	7/6	0.1913	0.0029	2.1057	0.0861	0.0798	0.0030	1129	29	1151	38	1192	37	98	4	252	64.9	535		Below LOD	36.13			3.61	0.81			57.3					33.8			137.9	72.5	1.90	5.90	9.83	8.12	
20071121_Great Victoria Desert_CPL61-18	1131	34	7/6	0.1964	0.0020	2.0954	0.0723	0.0774	0.0026	1156	28	1147	35	1131	34	101	4	428	16.4	1466		Below LOD	36.66			9.56	2.69			164.9					85.5			122.0	108.6	1.12	5.19	24.88	13.80	
20071121_Great Victoria Desert_CPL61-19	1166	33	7/6	0.1963	0.0022	2.1317	0.0701	0.0788	0.0024	1155	28	1159	34	1166	33	100	4	185	12.0	482		Below LOD	15.22			1.93	0.40			46.8					36.2			79.7	102.6	0.78	7.74	8.27	5.96	
20071121_Great Victoria Desert_CPL61-20	1157	35	7/6	0.1892	0.0021	2.0448	0.0748	0.0784	0.0027	1117	27	1131	35	1157	35	99	4	259	Below LOD	779		Below LOD	14.71			3.60	0.34			76.5					46.8			79.8	130.7	0.61	6.12	12.74	8.34	
20071121_Great Victoria Desert_CPL61-21	1205	40	7/6	0.1906	0.0030	2.1118	0.0966	0.0803	0.0035	1125	30	1153	40	1205	40	98	4	194	28.3	581		Below LOD	33.08			4.47	0.80			59.4					34.7			124.5	71.0	1.75	5.84	10.33	6.26	
20071121_Great Victoria Desert_CPL61-22	2780	62	7/6	0.5435	0.0045	14.5680	0.1947	0.1944	0.0020	2798	64	2787	63	2780	62	100	3	612	36.1	3064		0.247	12.00			14.29	4.42			378.3					189.6			146.2	164.3	0.89	5.01	51.08	19.73	
20071121_Great Victoria Desert_CPL61-23	1057	34	7/6	0.1793	0.0022	1.8443	0.0714	0.0746	0.0027	1063	26	1061	35	1057	34	100	4	223	Below LOD	577		Below LOD	11.89			Below LOD	0.35			53.3					42.4			63.9	121.4	0.53	7.97	9.58	7.19	
20071121_Great Victoria Desert_CPL61-26	1173	30	7/6	0.1950	0.0017	2.1251	0.0496	0.0790	0.0017	1148	27	1157	30	1173	30	99	3	1148	15.2	2175		Below LOD	10.94			10.26	0.71			252.7					92.4			304.9	250.7	1.22	3.66	34.66	37.03	S
20071121_Great Victoria Desert_CPL61-27	1664	40	7/6	0.2851	0.0027	4.0173	0.0852	0.1022	0.0019	1617	38	1638	40	1664	40	99	3	100	Below LOD	472		Below LOD	5.02			1.47	Below LOD			42.2					31.5			77.0	217.7	0.35	7.47	7.54	3.22	
20071121_Great Victoria Desert_CPL61-29	2781	66	7/6	0.5179	0.0076	13.8906	0.4158	0.1945	0.0051	2690	67	2742	67	2781	66	98	3	439	25.2	2384		Below LOD	1.11			11.38	4.00			276.6					127.4			21.9	27.2	0.81	4.60	38.42	14.15	
20071121_Great Victoria Desert_CPL61-30	2799	63	7/6	0.5407	0.0044	14.6676	0.2033	0.1968	0.0022	2786	64	2794	63	2799	63	100	3	73	39.5	148		0.290	3.93			1.83	0.58			12.8					14.9			75.0	156.2	0.48	11.58	2.59	2.36	
20071121_Great Victoria Desert_CPL61-34	1147	30	7/6	0.1817	0.0020	1.9546	0.0504	0.0780	0.0018	1076	26	1100	30	1147	30	98	4	178	10.7	846		0.147	18.80			2.60	Below LOD			73.7					84.7			318.2	399.5	0.80	11.49	14.57	5.74	
20071121_Great Victoria Desert_CPL61-36	2714	60	7/6	0.5150	0.0038	13.2654	0.1666	0.1868	0.0019	2678	61	2699	61	2714	60	99	3	167	22.2	450		Below LOD	27.15			3.12	0.59			44.6					35.5			219.6	240.8	0.91	7.96	8.24	5.38	
20071121_Great Victoria Desert_CPL61-37	1149	42	7/6	0.1925	0.0030	2.0732	0.1075	0.0781	0.0039	1135	30	1140	43	1149	42	100	5	287	17.8	773		Below LOD	39.72			3.36	0.72			72.3					52.1			79.6	55.0	1.45	7.21	13.55	9.24	
20071121_Great Victoria Desert_CPL61-38	1212	35	7/6	0.2022	0.0024	2.2478	0.0784	0.0806	0.0026	1187	29	1196	36	1212	35	99	4	176	14.9	508		Below LOD	37.63			3.48	0.72			52.8					38.2			258.7	177.6	1.46	7.24	9.56	5.68	
20071121_Great Victoria Desert_CPL61-39	1186	30	7/6	0.1917	0.0018	2.1034	0.0507	0.0796	0.0018	1131	27	1150	30	1186	30	98	3	204	38.6	483		Below LOD	18.55			1.90	Below LOD			44.2					41.8			159.2	284.0	0.56	9.46	8.46	6.57	
20071121_Great Victoria Desert_CPL61-40	2825	65	7/6	0.5293	0.0055	14.5904	0.3136	0.1999	0.0038	2739	64	2789	65	2825	65	98	3	76	Below LOD	150		0.139	2.32			Below LOD	Below LOD			12.7					13.2			22.8	66.7	0.34	10.38	2.49	2.46	
20071121_Great Victoria Desert_CPL61-41	1132	39	7/6	0.1963	0.0023	2.0959	0.0938	0.0774	0.0033	1155	28	1147	40	1132	39	101	4	343	21.9	734		Below LOD	11.31			3.93	0.46			72.3					44.5			76.4	89.7	0.85	6.15	11.95	11.05	
20071121_Great Victoria Desert_CPL61-42	1301	34	7/6	0.2077	0.0053	2.4158	0.0850	0.0844	0.0020	1216	39	1247	37	1301	34	98	4	241	14.5	584		Below LOD	31.47			1.93	0.38			58.5					70.5			107.5	212.1	0.51	12.05	11.24	7.78	
20071121_Great Victoria Desert_CPL61-44	1173	35	7/6	0.1937	0.0023	2.1109	0.0771	0.0790	0.0027	1141	28	1152	36	1173	35	99	4	238	12.7	476		Below LOD	11.37			Below LOD	0.47			44.2					35.7			52.8	125.2	0.42	8.07	7.99	7.68	
20071121_Great Victoria Desert_CPL61-49	1668	40	7/6	0.2822	0.0027	3.9838	0.0895	0.1024	0.0021	1603	38	1631	40	1668	40	98	3	257	10.1	972		Below LOD	12.94			3.28	0.42			93.7					60.3			136.3	187.5	0.73	6.44	15.72	8.30	
20071121_Great Victoria Desert_CPL61-51	1186	31	7/6	0.1994	0.0021	2.1866	0.0599	0.0795	0.0020	1172	28	1177	32	1186	31	100	4	88	Below LOD	279		Below LOD	31.45			Below LOD	Below LOD			23.7					30.1			191.8	196.4	0.98	12.68	5.70	2.85	
20071121_Great Victoria Desert_CPL61-54	1653	44	7/6	0.3043	0.0074	4.2609	0.1653	0.1015	0.0031	1713	53	1686	49	1653	44	102	4	82	Below LOD	325		Below LOD	8.38			Below LOD	Below LOD			24.1					37.5			69.2	131.8	0.52	15.54	5.64	2.65	
20071121_Great Victoria Desert_CPL61-55	1798	42	7/6	0.3211	0.0028	4.8660	0.0940	0.1099	0.0019	1795	42	1796	43	1798	42	100	3	202	Below LOD	634		0.125	35.94			2.69	0.66			61.8					39.5			207.2	205.8	1.01	6.39	11.22	6.52	
20071121_Great Victoria Desert_CPL61-56	1784	45	7/6	0.3218	0.0041	4.8391	0.1425	0.1091	0.0029	1798	44	1792	47	1784	45	100	4	204	19.5	1095		Below LOD	22.25			9.79	4.72			109.4					71.2			108.1	75.7	1.43	6.51	18.30	6.59	
20071121_Great Victoria Desert_CPL61-60	1655	41	7/6	0.2886	0.0032	4.0467	0.1055	0.1017	0.0024	1635	39	1644	42	1655	41	99	3	490	24.2	1542		Below LOD	29.25			11.90	2.24			171.8					81.1			253.3	142.2	1.78	4.72	25.55	15.82	

20071129_Lowan Sand_SP135-95	564	17	Pbcor6/38	0.0920	0.0023	0.8060	0.0790	0.0636	0.0060	567	17	600	46	727	51	100	8	362	15.0	580	Below LOD	26.02	6.64	1.29	70.9	28.1	83.4	63.2	1.32	3.97	10.25	11.67	
20071129_Lowan Sand_SP135-96	596	13	Pbcor6/38	0.0972	0.0013	0.8301	0.0371	0.0619	0.0027	598	13	614	23	672	24	100	4	353	9.9	843	Below LOD	51.29	4.63	Below LOD	93.0	46.7	203.9	279.4	0.73	5.01	15.16	11.39	
20071129_Lowan Sand_SP135-97	534	12	Pbcor6/38	0.0867	0.0012	0.7283	0.0351	0.0610	0.0028	536	12	556	23	638	25	100	5	369	11.0	846	Below LOD	18.78	Below LOD	Below LOD	78.4	55.3	153.0	273.1	0.56	7.06	13.91	11.91	
20071129_Lowan Sand_SP135-98	598	19	Pbcor6/38	0.0977	0.0028	0.8756	0.0711	0.0650	0.0050	601	19	639	40	773	44	100	7	Below LOD	Below LOD	33	Below LOD	0.64	Below LOD	Below LOD	5.3	0.6	1.7	151.9	0.01	1.05	0.56		
20071129_Great Sandy Desert_BJ103-4	1756	33	7/6	0.3272	0.0024	4.8465	0.0691	0.1074	0.0013	1825	35	1793	34	1756	33	102	3	303	Below LOD	547	Below LOD	0.56	2.62	Below LOD	65.1	14.7	33.6	525.5	0.06	2.26	8.46	9.76	
20071129_Great Sandy Desert_BJ103-5	1163	29	7/6	0.2100	0.0022	2.2767	0.0695	0.0786	0.0023	1229	25	1205	31	1163	29	106	3	219	168.3	759	0.431	42.53	4.64	0.95	87.1	60.4	256.4	219.6	1.17	6.93	14.17	7.07	
20071129_Great Sandy Desert_BJ103-8	1107	29	7/6	0.1902	0.0038	2.0048	0.0741	0.0764	0.0024	1123	29	1117	32	1107	29	100	4	324	13.1	1667	Below LOD	55.53	8.51	1.87	174.8	97.2	249.7	235.2	1.06	5.56	28.36	10.44	
20071129_Great Sandy Desert_BJ103-9	1093	30	7/6	0.1982	0.0025	2.0746	0.0739	0.0759	0.0025	1166	25	1140	32	1093	30	102	4	157	Below LOD	392	Below LOD	14.82	Below LOD	0.59	32.4	49.9	61.3	193.6	0.32	15.37	7.21	5.08	
20071129_Great Sandy Desert_BJ103-10	1174	31	7/6	0.2018	0.0024	2.2005	0.0756	0.0791	0.0026	1185	25	1181	32	1174	31	100	3	316	Below LOD	1059	Below LOD	14.35	5.35	0.75	107.5	60.7	128.6	151.1	0.85	5.65	17.16	10.21	
20071129_Great Sandy Desert_BJ103-13	1183	25	7/6	0.1899	0.0026	2.0801	0.0479	0.0795	0.0015	1121	25	1142	26	1183	25	98	3	683	37.0	1425	0.597	25.83	8.13	1.32	166.5	62.3	305.5	621.6	0.49	3.74	23.46	22.02	S
20071129_Great Sandy Desert_BJ103-14	361	9	Pbcor6/38	0.0578	0.0010	0.4410	0.0444	0.0554	0.0055	362	9	371	32	426	35	100	9	83	Below LOD	1908	Below LOD	13.72	19.90	Below LOD	212.4	88.3	101.7	118.1	0.86	4.16	30.45	2.68	
20071129_Great Sandy Desert_BJ103-21	1211	29	7/6	0.1959	0.0020	2.1767	0.0624	0.0806	0.0022	1154	23	1174	29	1211	29	98	3	189	27.7	516	Below LOD	10.11	2.59	Below LOD	49.2	36.9	94.7	189.1	0.50	7.51	8.56	6.11	
20071129_Great Sandy Desert_BJ103-23	2677	55	7/6	0.4898	0.0067	12.3360	0.3889	0.1827	0.0052	2570	55	2630	56	2677	55	98	3	259	Below LOD	592	Below LOD	14.70	3.15	0.82	49.1	57.3	31.5	41.5	0.76	11.68	10.14	8.34	
20071129_Great Sandy Desert_BJ103-24	1125	26	7/6	0.1779	0.0021	1.8927	0.0499	0.0772	0.0018	1055	22	1079	26	1125	26	98	3	207	Below LOD	599	Below LOD	20.46	2.95	0.71	56.4	45.4	223.6	342.6	0.65	8.05	10.30	6.68	
20071129_Great Sandy Desert_BJ103-25	1091	50	7/6	0.1924	0.0039	2.0118	0.1440	0.0758	0.0052	1134	29	1119	53	1091	50	101	5	110	12.9	252	0.197	11.82	Below LOD	Below LOD	26.2	14.7	46.2	38.6	1.20	5.61	4.39	3.56	
20071129_Great Sandy Desert_BJ103-26	1198	36	7/6	0.1961	0.0025	2.1634	0.0915	0.0800	0.0032	1154	25	1169	36	1198	36	99	4	189	Below LOD	509	Below LOD	7.58	2.74	Below LOD	52.9	28.3	101.0	125.7	0.80	5.34	8.27	6.09	
20071129_Great Sandy Desert_BJ103-27	1144	30	7/6	0.1873	0.0020	2.0115	0.0694	0.0779	0.0025	1107	23	1119	31	1144	30	99	3	326	Below LOD	797	Below LOD	22.15	4.36	0.65	83.4	45.8	250.4	177.9	1.41	5.49	13.37	10.53	
20071129_Great Sandy Desert_BJ103-28	1162	29	7/6	0.1917	0.0032	2.0770	0.0684	0.0786	0.0022	1130	27	1141	31	1162	29	99	4	209	Below LOD	789	0.518	39.02	4.27	0.87	70.7	82.6	161.9	267.0	0.61	11.69	14.51	6.74	
20071129_Great Sandy Desert_BJ103-31	1227	51	7/6	0.2115	0.0051	2.3684	0.1646	0.0812	0.0053	1237	35	1233	54	1227	51	100	5	323	18.3	1618	0.260	5.66	14.44	1.89	194.1	70.2	55.2	42.4	1.30	3.61	25.96	10.42	
20071129_Great Sandy Desert_BJ103-32	1272	134	7/6	0.2084	0.0106	2.3888	0.4515	0.0831	0.0151	1220	61	1239	137	1272	134	98	12	358	57.1	676	Below LOD	18.57	5.65	1.04	76.8	39.8	22.7	9.7	2.34	5.19	11.56	11.53	
20071129_Great Sandy Desert_BJ103-34	1196	27	7/6	0.1981	0.0024	2.1841	0.0586	0.0799	0.0019	1165	25	1176	28	1196	27	99	3	354	13.5	1398	0.750	67.73	11.63	2.84	140.4	83.5	316.4	272.5	1.16	5.95	24.44	11.42	
20071129_Great Sandy Desert_BJ103-36	574	14	Pbcor6/38	0.0932	0.0015	0.7749	0.0411	0.0603	0.0030	574	14	583	26	615	26	100	5	231	10.7	347	Below LOD	3.53	4.55	Below LOD	45.5	10.9	83.1	166.6	0.50	2.40	5.63	7.44	
20071129_Great Sandy Desert_BJ103-37	1270	32	7/6	0.2076	0.0029	2.3777	0.0788	0.0830	0.0025	1216	27	1236	32	1270	32	98	3	322	Below LOD	788	0.182	12.86	2.17	Below LOD	79.1	55.0	118.9	144.1	0.83	6.95	13.08	10.38	
20071129_Great Sandy Desert_BJ103-38	2614	49	7/6	0.5022	0.0051	12.1795	0.2023	0.1759	0.0023	2623	52	2618	50	2614	49	100	3	458	Below LOD	978	Below LOD	31.83	3.75	0.74	97.7	74.5	176.4	261.6	0.67	7.63	16.93	14.78	
20071129_Great Sandy Desert_BJ103-40	1180	41	7/6	0.1924	0.0035	2.1045	0.1122	0.0793	0.0040	1134	28	1150	42	1180	41	99	4	227	15.6	521	Below LOD	13.38	2.49	Below LOD	50.5	37.7	96.9	76.5	1.27	7.47	8.79	7.31	
20071129_Great Sandy Desert_BJ103-42	1326	31	7/6	0.2184	0.0028	2.5739	0.0770	0.0855	0.0023	1273	27	1293	32	1326	31	96	3	178	1326.3	502	0.395	15.27	4.91	1.44	52.5	44.9	131.0	206.1	0.64	8.56	8.95	5.75	
20071129_Great Sandy Desert_BJ103-43	1229	32	7/6	0.1951	0.0023	2.1870	0.0745	0.0813	0.0026	1149	24	1177	32	1229	32	98	3	237	Below LOD	571	Below LOD	10.83	2.48	Below LOD	56.1	40.8	139.2	193.3	0.72	7.28	9.51	7.63	
20071129_Great Sandy Desert_BJ103-44	1146	26	7/6	0.1927	0.0020	2.0714	0.0512	0.0780	0.0018	1136	23	1139	27	1146	26	100	3	171	Below LOD	448	Below LOD	12.48	Below LOD	Below LOD	37.5	46.0	155.8	293.7	0.53	12.26	7.79	5.52	
20071129_Great Sandy Desert_BJ103-45	2732	56	7/6	0.5156	0.0088	13.4203	0.4457	0.1888	0.0054	2680	61	2710	58	2732	56	99	3	165	Below LOD	1098	Below LOD	1.47	3.14	0.62	102.7	60.2	19.2	31.6	0.61	5.86	17.01	5.33	
20071129_Great Sandy Desert_BJ103-47	1123	41	7/6	0.1796	0.0031	1.9082	0.1056	0.0771	0.0041	1065	26	1084	42	1123	41	98	4	294	26.1	1046	Below LOD	17.71	7.40	1.37	119.4	60.8	145.0	104.0	1.39	5.09	17.49	9.49	
20071129_Great Sandy Desert_BJ103-48	1198	45	7/6	0.1979	0.0040	2.1836	0.1307	0.0800	0.0045	1164	30	1176	47	1198	45	99	5	349	16.2	1036	Below LOD	41.43	6.45	1.78	119.3	61.5	118.3	59.8	1.98	5.16	18.22	11.26	
20071129_Great Sandy Desert_BJ103-49	2606	49	7/6	0.5338	0.0102	12.8777	0.3066	0.1750	0.0025	2758	66	2671	53	2606	49	103	3	706	59.9	555	3.325	43.73	25.07	6.58	91.6	32.5	189.5	313.1	0.61	3.54	11.57	22.76	
20071129_Great Sandy Desert_BJ103-51	807	28	Pbcor6/38	0.1342	0.0043	1.3263	0.1556	0.0717	0.0081	812	28	857	70	977	73	100	8	133	Below LOD	370	Below LOD	12.15	Below LOD	Below LOD	40.5	24.0	54.8	32.0	1.71	5.92	6.39	4.29	
20071129_Great Sandy Desert_BJ103-52	655	15	Pbcor6/38	0.1071	0.0015	0.9317	0.0439	0.0631	0.0028	656	15	669	26	711	26	100	4	59	Below LOD	451	Below LOD	6.70	Below LOD	Below LOD	34.6	35.1	44.3	221.6	0.20	10.14	7.25	1.91	
20071129_Great Sandy Desert_BJ103-53	1750	36	7/6	0.3032	0.0029	4.4751	0.0975	0.1071	0.0021	1707	34	1726	36	1750	36	98	3	194	209.7	420	1.689	8.55	2.24	Below LOD	37.9	31.3	84.2	256.3	0.33	8.25	7.01	6.25	
20071129_Great Sandy Desert_BJ103-54	1676	39	7/6	0.3128	0.0046	4.4348	0.1463	0.1028	0.0030	1754	39	1719	41	1676	39	102	3	138	Below LOD	197	Below LOD	6.45	4.10	1.09	32.8	5.1	48.6	113.2	0.43	1.55	3.56	4.46	
20071129_Great Sandy Desert_BJ103-57	1252	46	7/6	0.2107	0.0040	2.3909	0.1407	0.0823	0.0046	1233	31	1240	48	1252	46	99	5	206	14.8	449	0.239	33.21	3.32	0.86	47.2	28.5	89.3	64.6	1.38	6.04	8.33	6.65	
20071129_Great Sandy Desert_BJ103-58	1207	44	7/6	0.1984	0.0031	2.1993	0.1257	0.0804	0.0044	1167	27	1181	45	1207	44	99	4	117	Below LOD	419	Below LOD	36.80	2.61	Below LOD	42.7	31.5	126.9	133.3	0.95	7.36	8.03	3.79	
20071129_Great Sandy Desert_BJ103-64	1202	35	7/6	0.1946	0.0025	2.1517	0.0873	0.0802	0.0031	1146	25	1166	35	1202	35	98	4	375	Below LOD	1028	Below LOD	24.76	9.99	1.69	123.1	47.0	177.2	117.0	1.51	3.82	17.29	12.09	
20071129_Great Sandy Desert_BJ103-66	1224	29	7/6	0.1952	0.0020	2.1828	0.0618	0.0811	0.0021	1149	23	1176	29	1224	29	98	3	125	Below LOD	378	Below LOD	10.18	Below LOD	Below LOD	30.0	38.2	195.7	262.8	0.74	12.73	6.49	4.03	
20071129_Great Sandy Desert_BJ103-69	1272	45	7/6	0.2021	0.0034	2.3167	0.1301	0.0831	0.0044	1187	28	1217	45	1272	45	97	4	402	Below LOD	909	Below LOD	24.96	5.94	0.96	98.0	51.4	150.7	84.2	1.79	5.24	15.32	12.96	
20071129_Great Sandy Desert_BJ103-70	1776	43	7/6	0.3150	0.0044	4.7162	0.1747	0.1086	0.0037	1765	39	1770	44	1776	43	100	3	133	22.5	275	Below LOD	25.61	4.41	Below LOD	33.3	13.2	139.5	88.4	1.58	3.98	5.28	4.27	
20071129_Great Sandy Desert_BJ103-71	577	16	Pbcor6/38	0.0931	0.0021	0.6980	0.0670	0.0544	0.0051	574	16	538	41	388	31	100	9	139	17.3	269	Below LOD	9.93	4.33	0.86	34.0	17.2	111.8	95.9	1.17	5.06	4.84	4.50	
20071129_Great Sandy Desert_BJ103-79	1235	47	7/6	0.1949	0.0036	2.1922	0.1344	0.0816	0.0048	1148	28	1179	48	1235	47	97	5	238	12.0	553	0.226	11.13	2.93	Below LOD	52.1	38.2	85.2	84.7	1.01	7.34	9.14	7.68	
20071129_Great Sandy Desert_BJ103-81	1324	57	7/6	0.2121	0.0091	2.4974	0.2055	0.0854	0.0060	1240	54	1271	64	1324	57	98	6	240	Below LOD	834	0.556	9.69	4.39	Below LOD	93.5	47.8	44.3	68.1	0.65	5.11	13.72	7.76	
20071129_Great Sandy Desert_BJ103-82	1271	31	7/6	0.2252	0.0023	2.5799	0.0803	0.0831	0.0024	1310	26	1295	33	1271	31	101	3	138	Below LOD	305	Below LOD	10.20	3.22	0.87	31.4	19.6	86.0	198.7	0.43	6.23	5.24	4.44	
20071129_Great Sandy Desert_BJ103-84	572	15	Pbcor6/38	0.0929	0.0018	0.7585	0.0621	0.0592	0.0047	572	15	573	37	576	36	100	7	127	12.8	294	Below LOD	42.53	4.90	1.12	43.0	19.4	180.1	102.4	1.76	4.51	6.54	4.08	
20071129_Great Sandy Desert_BJ103-86	1708	36	7/6	0.2936	0.0026	4.2369	0.1021	0.1047	0.0023	1659	33	1681	36	1708	36	99	3	363	Below LOD	2754	Below LOD	20.57	12.85	2.60	305.6	136.0	227.7	278.6	0.82	4.45	44.26	11.70	
20071129_Great Sandy Desert_BJ103-87	362	8	Pbcor6/38	0.0579	0.0007	0.4421	0.0222	0.0554	0.0027	363	8	372	17	427	19	100	5	158	Below LOD	4230	Below LOD	96.10	19.65	2.88	503.7	144.2	415.2	550.6	0.75	2.86	69.38	5.11	
20071129_Great Sandy Desert_BJ103-88	1383	37	7/6	0.2249	0.0029	2.7306	0.1030	0.0880	0.0031	1308	28	1337	37	1383	37	98	3	133	Below LOD	307	0.202	6.65	Below LOD	0.51	28.3	21.6	76.1	112.5	0.68	7.65	5.10	4.29	
20071129_Great Sandy Desert_BJ103-89	1235	36	7/6	0.2133	0.0028	2.3979	0.0983	0.0815	0.0032	1246	27	1242	37	1235	36	100	4	72	Below LOD	571	Below LOD	6.51	3.66	Below LOD	65.2	31.4	48.7	111.9	0.44	4.82	9.37	2.34	
20071129_Great Sandy Desert_BJ103-90	353	11	Pbcor6/38	0.0567	0.0015	0.4599	0.0528	0.0588	0.0066	355	11	384	37	561	49	100	9	56	Below LOD	466	Below LOD	5.66	Below LOD	Below LOD	46.5	48.0	75.3	142.1	0.53	10.32	8.07	1.80	
20071129_Great Sandy Desert_BJ103-93	768	22	Pbcor6/38	0.1274	0.0030	1.2446	0.0912	0.0709	0.0049	773	22	821	44	954	46	100	6	159	Below LOD	885	0.414	17.43	5.41	1.47	88.7	48.2	72.2	95.4	0.76	5.43	14.47	5.12	
20071129_Great Sandy Desert_BJ103-94	1193	39	7/6	0.2071	0.0027	2.2802	0.1106	0.0798	0.0037	1214	26	1206	41	1193	39	101	4	177	Below LOD	359	Below LOD	21.45	Below LOD	Below LOD	30.5	33.8	116.9	107.3	1.09	11.09	6.55	5.72	
20071129_Great Sandy Desert_BJ103-97	1251	36	7/6	0.2030	0.0028	2.3015	0.0943	0.0822	0.0032	1191	26	1213	36	1251	36	98	4	264	20.8	758	Below LOD	12.08	4.55	Below LOD	77.3	42.6	290.1	119.9	2.42	5.51	12.32	8.52	
20071129_Great Sandy Desert_BJ103-98	1234	89	7/6	0.1957	0.0077	2.1996	0.2793	0.0815	0.0098	1152	46	1181	91	1234	89	98	8	340	26.7	1017	Below LOD	12.00	7.30	1.54	101.9	52.6	51.3	21.4	2.40	5.16	16.26	10.97	
20071129_Great Sandy Desert_BJ103-99	1173	31	7/6	0.2031	0.0023	2.2136	0.0745	0.0790	0.0025	1192	25	1185	32	1173	31	101	3	217	Below LOD	659	Below LOD	18.31	2.69	Below LOD	58.7	46.9	197.1	195.9	1.01	7.99	10.99	7.01	
20071129_Great Sandy Desert_BJ103-100	1739	38	7/6	0.2998	0.0032	4.3988	0.1202	0.1064	0.0027	1690	34	1712	38	1739	38	99	3	182	Below LOD	1008	Below LOD	20.59	5.37	1.33	103.4	57.0	173.1	183.9	0.94	5.51	16.60	5.86	
20071129_De Grey-2	3429	76	7/6	0.6795	0.0132	27.3663	0.5913	0.2921	0.0027	3343	89	3397	78	3429	76	97	3	1385	48.3	1832	23.789	178.67	128.80	38.36	305.8	87.3	324.7	254.7	1.27	2.86	39.83	44.66	S
20071129_De Grey-10	2725	65	7/6	0.5202	0.0130	13.4877	0.5021	0.1881	0.0052	2700	81	2714	69	2725	65	99	4	201	22.0	610	Below LOD	11.00	3.31	0.64	58.1	41.7	31.7	46.0	0.69	7.18	10.05	6.48	

*: Best age is selected according to the limitation of trace elements (P < 2000 ppm, Ti < 80 ppm and La < 10 ppm) and mass sweeps (>15) with 95% of concordancehigh concordance (including 2se)

†: The 2se (standard error) combine the reporducibility of the primary zircon standard with the within-spot precision, added in quadrature.

‡: 6/38, uncorrected $^{206}Pb/^{238}U$ age; Pbcor6/38, corrected $^{206}Pb/^{238}U$ age; 7/6, uncorrected $^{207}Pb/^{206}Pb$ age.

§: Concordance % is calculated from $^{206}Pb/^{238}U$ and $^{207}Pb/^{235}U$ ages for young grains (<950 Ma) and $^{206}Pb/^{238}U$ and $^{207}Pb/^{206}Pb$ ages for old grains (>950 Ma).

Notes:

1. The date in Sample ID shows the time of U-Pb analysis for the sample.
2. Chondrite values are after McDonough and Sun (1995).
3. Data (including U-Pb, O and Hf isotopes) of the samples analyzed in year 2007 is from Jenny Stein (unpublished)
4. The REE is calucalted by the method in Zhu et al. (2020)

References:

McDonough, W.F., Sun, S.-S., 1995. The composition of the Earth. Chemical geology 120, 223-253.

Zhu, Z.Y., Campbell, I.H., Allen, C.M., Burnham, A.D., 2020. S-type granites: Their origin and distribution through time as determined from detrital zircons. Earth and Planetary Science Letters 536, 116140.

Table 5.2 U-Pb ages of zircon references for each analytical session.

Session	Reference	Number	Mean $^{206}Pb/^{238}U$ age	2SD	2SE	Mean $^{207}Pb/^{235}U$ age	2SD	2SE	Mean $^{207}Pb/^{206}Pb$ age	2SD	2SE
20170201	Temora 2	19	416.8	16.2	3.7	408.3	35.2	8.1	292.4	182.8	41.9
	Pleišovice	19	342.3	8.0	1.8	339.3	22.7	5.2	282.2	135.9	31.2
20170217	Temora 2	10	417.3	9.7	3.1	412.1	7.6	2.4	327.6	52.0	16.4
	R33	11	423.7	18.2	5.5	418.1	55.2	16.6	340.9	296.2	89.3
	Pleišovice	6	344.0	21.6	8.8	340.9	18.9	7.7	299.3	147.3	60.1
20171130	Temora 2	28	416.9	4.3	0.8	415.1	13.5	2.6	376.0	92.4	17.5
	R33	25	419.7	16.6	3.3	424.1	31.3	6.3	409.7	196.9	39.4
	Pleišovice	7	338.5	14.1	5.3	334.6	9.4	3.5	290.3	72.1	27.2
20171131&	Temora 2	40	417.2	8.4	1.3	414.2	15.2	2.4	363.1	105.0	
20171201_1	R33	32	422.0	19.1	3.4	422.7	35.6	6.3	396.4	169.1	29.9
	Pleišovice	6	341.6	6.3	2.6	338.4	11.4	4.7	317.0	79.6	32.5
20171201_2	Temora 2	20	417.0	6.7	1.5	414.6	6.7	1.5	371.1	132.9	29.7
	R33	15	420.5	10.4	2.7	417.7	48.0	12.4	378.0	220.0	56.8
	Pleišovice	3	342.3	3.6	2.1	339.1	21.8	12.6	289.7	92.5	53.4
20171201_3	Temora 2	19	416.8	2.9	0.7	413.3	12.6	2.9	363.2	92.5	21.2
	R33	16	416.9	15.4	3.9	416.3	25.3	6.3	377.1	133.9	33.5
	Pleišovice	3	343.0	2.6	1.5	344.3	14.0	8.1	343.3	95.3	55.0
20180427	Temora 2	54	417.0	8.5	1.2	415.5	26.0	3.5	372.2	141.8	19.3
	R33	8	417.6	7.7	2.7	419.8	19.8	7.0	387.5	111.2	39.3
	Pleišovice	12	343.3	7.3	2.1	348.8	55.7	16.1	358.4	340.5	98.3
	OG1	23	3461.1	126.0	26.3	3453.6	45.1	9.4	3450.1	17.0	3.6
20180929&	Temora 2	61	417.3	26.8	3.4	414.9	31.3	4.0	362.6	124.3	15.9
20180930_1	R33	50	420.2	25.7	3.6	418.8	24.5	3.5	371.6	147.1	20.8
	Pleišovice	13	351.8	4.8	1.3	351.3	10.1	2.8	329.8	76.0	21.1
	OG1	3	3569.3	99.2	57.3	3503.3	38.4	22.2	3463.5	12.1	7.0
20180930_2	Temora 2	47	416.5	16.9	2.5	413.8	21.9	3.2	366.4	115.6	16.9
	R33	46	419.8	28.0	4.1	419.4	44.9	6.6	371.1	222.2	32.8
	Pleišovice	15	346.1	5.6	1.5	344.4	8.9	2.3	310.8	69.0	17.8
20201009	91500	13	1079.2	25.8	7.2	1082.4	42.1	11.7	1066.0	36.4	10.1
	Temora 2	10	416.8	2.1	0.7	408.6	45.0	14.2	304.1	298.2	94.3
	R33	4	416.5	11.8	5.9	443.5	95.8	47.9	546.0	585.2	292.6

Note:

1. All the data were processed via Iolite software (Paton et al., 2011).
2. The first reference zircon listed is used as the primary standard for calibrating unknown data in each session.

Reference:

Paton, C., Hellstrom, J., Paul, B., Woodhead, J., Hergt, J., 2011. Iolite: Freeware for the visualisation and processing of mass spectrometric data. Journal of Analytical Atomic Spectrometry 26, 2508-2518.

Table 5.3 Oxygen isotopic data for detrital zircons from Australia.

Sample ID	Best age (Ma)	2SE	$\delta^{18}O_{VSMOW}$*	± Within-spot precision (95% conf.)	± Spot precision (95% conf.)†
20170201_Murray1-10	502	27	7.63	0.09	0.43
20170201_Murray1-11	571	24	12.57	0.09	0.43
20170201_Murray1-12	247	11	5.20	0.14	0.44
20170201_Murray1-13	575	25	6.82	0.11	0.43
20170201_Murray1-21	404	18	7.78	0.12	0.43
20170201_Murray1-25	525	30	6.11	0.10	0.43
20170201_Murray1-31	448	21	9.67	0.11	0.43
20170201_Murray1-32	562	25	5.65	0.08	0.42
20170201_Murray1-35	586	27	8.99	0.08	0.42
20170201_Murray1-38	526	23	7.17	0.11	0.43
20170201_Murray1-39	574	25	6.18	0.09	0.43
20170201_Murray1-40	417	19	6.59	0.09	0.43
20170201_Murray1-45	834	36	6.51	0.13	0.44
20170201_Murray1-48	143	8	2.64	0.10	0.43
20170201_Murray1-49	473	21	6.08	0.12	0.43
20170201_Murray1-51	1452	85	6.11	0.14	0.44
20170201_Murray1-52	596	27	7.82	0.10	0.43
20170201_Murray1-53	232	11	5.73	0.10	0.43
20170201_Murray1-57	589	25	9.37	0.11	0.43
20170201_Murray1-61	565	24	7.16	0.10	0.43
20170201_Murray1-62	543	26	6.32	0.11	0.43
20170201_Murray1-69	550	28	7.18	0.11	0.43
20170201_Murray1-70	220	12	6.48	0.11	0.43
20170201_Murray1-72	578	25	8.90	0.10	0.43
20170201_Murray1-76	181	9	6.39	0.12	0.43
20170201_Murray1-78	569	26	7.18	0.10	0.43
20170201_Murray1-80	507	24	9.53	0.09	0.43
20170201_Murray1-84	541	24	7.24	0.09	0.43
20170201_Murray1-85	608	27	7.56	0.08	0.42
20170201_Murray1-86	590	26	7.93	0.10	0.43
20170201_Murray1-87	320	15	7.17	0.10	0.43
20170201_Murray1-88	411	19	7.35	0.09	0.43
20170201_Murray1-90	745	37	6.62	0.11	0.43
20170201_Murray1-91	593	28	6.45	0.09	0.43
20170201_Murray1-92	582	29	7.35	0.10	0.43
20170201_Murray1-96	460	22	8.44	0.09	0.43
20170201_Murray1-100	540	26	6.53	0.09	0.43
20170201_Murray2-1	1429	102	5.86	0.12	0.43
20170201_Murray2-5	533	23	7.42	0.09	0.43
20170201_Murray2-6	550	23	7.76	0.09	0.43
20170201_Murray2-7	557	26	7.83	0.08	0.42
20170201_Murray2-9	549	23	7.36	0.11	0.43
20170201_Murray2-10	509	23	9.09	0.10	0.43
20170201_Murray2-18	2673	27	6.78	0.09	0.43
20170201_Murray2-19	534	27	8.06	0.11	0.43
20170201_Murray2-20	499	22	6.44	0.08	0.42
20170201_Murray2-24	576	25	7.73	0.08	0.42
20170201_Murray2-28	570	27	7.72	0.10	0.43
20170201_Murray2-29	537	24	8.19	0.10	0.43
20170201_Murray2-30	588	26	7.26	0.09	0.43
20170201_Murray2-32	175	9	4.66	0.11	0.43
20170201_Murray2-33	619	26	7.93	0.11	0.43
20170201_Murray2-35	582	25	3.84	0.10	0.43
20170201_Murray2-36	558	24	10.35	0.10	0.43
20170201_Murray2-37	524	22	5.75	0.09	0.43
20170201_Murray2-39	594	25	6.36	0.09	0.43
20170201_Murray2-40	575	26	8.00	0.10	0.43
20170201_Murray2-41	928	39	5.09	0.10	0.43
20170201_Murray2-42	548	27	5.40	0.11	0.43
20170201_Murray2-45	598	27	7.50	0.09	0.43
20170201_Murray2-46	652	30	7.73	0.10	0.43
20170201_Murray2-48	594	25	8.49	0.09	0.43
20170201_Murray2-56	503	22	8.22	0.10	0.43
20170201_Murray2-57	576	24	7.93	0.10	0.43
20170201_Murray2-59	193	9	5.64	0.10	0.43
20170201_Murray2-60	571	26	5.95	0.11	0.43
20170217_Bega-29	2255	61	6.54	0.12	0.46
20170217_Bega-33	432	14	6.13	0.11	0.46
20170217_Bega-34	421	13	6.43	0.11	0.46
20170217_Bega-35	403	14	7.88	0.09	0.46
20170217_Bega-41	430	13	6.55	0.11	0.46
20170217_Bega-45	446	14	6.78	0.15	0.47
20170217_Bega-48	571	19	6.68	0.09	0.46
20170217_Bega-49	431	14	7.96	0.10	0.46
20170217_Bega-51	554	17	7.78	0.10	0.46
20170217_Bega-54	437	14	6.72	0.10	0.46
20170217_Bega-55	452	14	7.89	0.08	0.46
20170217_Bega-57	2029	61	6.85	0.10	0.46
20170217_Bega-58	1171	83	6.51	0.09	0.46
20170217_Bega-59	416	14	7.86	0.09	0.46

20170217_Bega-60	422	14	7.81	0.09	0.46
20170217_Bega-61	482	16	8.38	0.11	0.46
20170217_Bega-62	887	29	6.50	0.10	0.46
20170217_Bega-65	423	14	7.07	0.11	0.46
20170217_Bega-66	414	14	7.40	0.09	0.46
20170217_Bega-67	1062	81	6.35	0.11	0.46
20170217_Bega-68	672	20	5.80	0.11	0.46
20170217_Bega-70	556	16	8.28	0.11	0.46
20170217_Bega-73	566	20	7.34	0.10	0.46
20170217_Bega-74	2710	63	6.25	0.13	0.47
20170217_Bega-75	439	14	8.21	0.09	0.46
20170217_Bega-76	618	18	6.68	0.11	0.46
20170217_Bega-78	444	14	11.07	0.11	0.46
20170217_Bega-79	436	14	6.72	0.11	0.46
20170217_Bega-82	447	15	8.96	0.13	0.47
20170217_Bega-83	431	14	7.49	0.09	0.46
20170217_Bega-84	594	19	8.59	0.12	0.46
20170217_Bega-86	413	13	8.37	0.09	0.46
20170217_Bega-87	428	15	8.16	0.10	0.46
20170217_Bega-88	395	13	8.03	0.10	0.46
20170217_Bega-90	393	13	8.16	0.09	0.46
20170217_Bega-91	442	15	8.21	0.12	0.47
20170217_Bega-94	422	14	7.21	0.13	0.47
20170217_Bega-95	577	18	7.84	0.10	0.46
20170217_Bega-96	421	14	7.00	0.12	0.46
20170217_Bega-98	1032	77	5.12	0.11	0.46
20170217_Bega-99	602	18	7.46	0.11	0.46
20170217_Bega-100	488	16	7.13	0.10	0.46
20171130_Cooper-5	536	12	9.42	0.20	0.79
20171130_Cooper-10	137	4	5.40	0.23	0.80
20171130_Cooper-18	200	6	5.37	0.23	0.80
20171130_Cooper-19	102	3	5.03	0.20	0.79
20171130_Cooper-20	1955	149	7.06	0.24	0.81
20171130_Cooper-28	434	11	5.77	0.24	0.80
20171130_Cooper-31	349	9	4.69	0.20	0.79
20171130_Cooper-34	322	7	6.02	0.24	0.80
20171130_Cooper-35	593	13	9.22	0.21	0.79
20171130_Cooper-38	114	3	4.15	0.21	0.80
20171130_Cooper-39	1527	22	9.52	0.19	0.79
20171130_Cooper-43	235	6	5.83	0.25	0.81
20171130_Cooper-44	1513	20	8.76	0.28	0.82
20171130_Cooper-45	601	13	7.29	0.20	0.79
20171130_Cooper-48	185	5	5.48	0.32	0.83
20171130_Cooper-52	99	3	4.72	0.20	0.79
20171130_Cooper-53	255	6	4.67	0.38	0.85
20171130_Cooper-57	597	13	5.96	0.36	0.85
20171130_Cooper-58	211	5	6.44	0.25	0.81
20171130_Cooper-59	303	8	11.53	0.26	0.81
20171130_Cooper-62	271	6	7.20	0.27	0.81
20171130_Cooper-65	238	7	6.58	0.18	0.79
20171130_Cooper-66	1535	36	8.12	0.24	0.80
20171130_Cooper-69	459	12	8.93	0.27	0.81
20171130_Cooper-70	122	4	5.06	0.24	0.81
20171130_Cooper-71	614	16	9.56	0.28	0.82
20171130_Cooper-76	525	14	8.43	0.17	0.79
20171130_Cooper-77	452	10	6.27	0.19	0.79
20171130_Cooper-81	1511	18	8.23	0.31	0.83
20171130_Cooper-86	389	9	4.25	0.16	0.78
20171130_Cooper-89	157	4	3.62	0.22	0.80
20171130_Warburton-8	112	4	3.58	0.31	0.83
20171130_Warburton-21	117	4	4.46	0.39	0.86
20171130_Warburton-29	280	6	10.42	0.20	0.79
20171130_Warburton-47	94	3	6.00	0.24	0.80
20171130_Warburton-50	100	3	4.67	0.23	0.80
20171130_Warburton-57	531	12	8.07	0.29	0.82
20171130_Warburton-60	244	6	6.20	0.25	0.81
20171130_Warburton-63	455	10	8.08	0.27	0.81
20171130_Warburton-71	447	11	7.16	0.18	0.79
20171130_Warburton-73	463	12	7.21	0.21	0.80
20171130_Warburton-81	89	2	5.09	0.20	0.79
20171130_Warburton-83	326	8	9.77	0.22	0.80
20171130_Warburton-89	246	6	6.03	0.28	0.82
20171201_Belyando-3	490	17	5.93	0.11	0.32
20171201_Belyando-4	478	11	7.39	0.20	0.36
20171201_Belyando-5	1102	47	8.47	0.13	0.32
20171201_Belyando-6	570	14	6.44	0.18	0.35
20171201_Belyando-8	1745	41	7.28	0.14	0.33
20171201_Belyando-11	1467	111	6.06	0.18	0.34
20171201_Belyando-13	259	7	7.71	0.29	0.42
20171201_Belyando-32	348	10	6.33	0.17	0.34
20171201_Belyando-34	168	5	4.80	0.31	0.42
20171201_Belyando-36	319	8	3.06	0.18	0.35
20171201_Belyando-43	353	9	9.52	0.15	0.33
20171201_Belyando-50	1870	96	6.23	0.20	0.35

20171201_Belyando-58	765	18	6.73	0.15	0.33
20171201_Belyando-71	431	11	4.09	0.26	0.40
20171201_Belyando-82	575	13	5.30	0.30	0.42
20171201_Belyando-94	301	7	6.45	0.11	0.31
20171201_Belyando-104	338	8	7.28	0.07	0.30
20171201_Belyando-110	341	9	4.61	0.30	0.42
20171201_Belyando-112	2423	90	7.48	0.27	0.40
20171201_Belyando-115	339	8	4.84	0.17	0.34
20171201_Belyando-121	457	11	9.20	0.22	0.37
20171201_Belyando-122	532	12	10.24	0.36	0.46
20171201_Belyando-123	1950	96	7.45	0.23	0.37
20171201_Belyando-125	1154	114	5.59	0.13	0.32
20171201_Belyando-138	617	15	5.05	0.14	0.33
20171201_Belyando-139	3021	85	6.22	0.08	0.31
20171201_Cooper-91	500	18	4.63	0.31	0.83
20171201_Cooper-94	421	10	11.90	0.20	0.79
20171201_Cooper-99	502	11	6.06	0.29	0.82
20171201_Cooper-102	920	20	6.94	0.26	0.81
20171201_Cooper-104	93	2	7.17	0.25	0.81
20171201_Cooper-108	597	14	6.99	0.20	0.79
20171201_Cooper-109	89	3	3.95	0.31	0.83
20171201_Cooper-110	108	3	5.93	0.31	0.83
20171201_Cooper-111	613	15	6.72	0.28	0.82
20171201_Cooper-113	265	8	8.25	0.17	0.79
20171201_Flinders-3	549	12	9.30	0.20	0.36
20171201_Flinders-5	3609	29	5.21	0.17	0.34
20171201_Flinders-9	1738	48	5.47	0.29	0.41
20171201_Flinders-15	1789	43	4.35	0.09	0.31
20171201_Flinders-21	391	27	5.94	0.37	0.48
20171201_Flinders-26	1558	37	7.94	0.15	0.33
20171201_Flinders-33	1580	38	4.46	0.31	0.43
20171201_Flinders-34	1107	86	11.62	0.11	0.31
20171201_Flinders-39	1509	50	6.50	0.20	0.36
20171201_Flinders-41	1780	40	5.89	0.17	0.34
20171201_Flinders-46	1885	39	7.03	0.18	0.35
20171201_Flinders-50	1625	43	6.02	0.17	0.34
20171201_Great Victoria Desert_BJ67-3	2907	100	3.86	0.15	0.33
20171201_Great Victoria Desert_BJ67-4	2846	105	4.04	0.14	0.33
20171201_Great Victoria Desert_BJ67-5	2731	86	5.48	0.03	0.30
20171201_Murchison-3	495	11	6.32	0.23	0.80
20171201_Murchison-8	694	16	6.81	0.21	0.80
20171201_Murchison-12	2669	33	5.75	0.23	0.80
20171201_Murchison-21	1287	42	5.16	0.29	0.82
20171201_Murchison-22	2617	35	5.51	0.31	0.83
20171201_Murchison-25	1141	59	6.73	0.25	0.81
20171201_Murchison-30	1186	42	8.56	0.25	0.81
20171201_Murchison-39	1154	51	7.83	0.22	0.80
20171201_Murchison-42	655	16	6.19	0.25	0.81
20171201_Murchison-49	1213	59	6.22	0.25	0.81
20171201_Murchison-51	942	41	7.87	0.21	0.79
20171201_Murchison-53	1310	48	7.96	0.22	0.80
20171201_Murchison-54	1054	70	8.08	0.23	0.80
20171201_Murchison-98	482	13	6.40	0.24	0.80
20171201_Murchison-101	2682	32	6.02	0.21	0.79
20171201_Murchison-102	2041	34	6.33	0.21	0.79
20171201_Murchison-104	2689	30	4.96	0.20	0.79
20171201_Murchison-109	3266	29	6.28	0.23	0.80
20171201_Murchison-110	2617	35	5.96	0.32	0.83
20171201_Murchison-113	2620	43	6.41	0.24	0.80
20171201_Murchison-115	855	21	5.83	0.24	0.80
20171202_Great Victoria Desert_BJ67-11	2824	42	4.15	0.27	0.40
20171202_Great Victoria Desert_BJ67-12	2818	57	3.99	0.16	0.34
20171202_Great Victoria Desert_BJ67-15	2831	51	5.05	0.19	0.35
20171202_Great Victoria Desert_BJ67-20	2913	138	4.30	0.16	0.34
20171202_Great Victoria Desert_BJ67-25	2844	35	3.68	0.10	0.31
20171202_Great Victoria Desert_BJ67-32	2824	47	3.77	0.25	0.39
20171202_Great Victoria Desert_BJ67-39	2821	30	3.83	0.31	0.43
20171202_Great Victoria Desert_BJ67-41	2830	15	3.28	0.23	0.37
20171202_Great Victoria Desert_BJ67-45	2751	16	4.94	0.15	0.33
20171202_Great Victoria Desert_BJ67-47	2838	22	5.12	0.12	0.32
20171202_Great Victoria Desert_BJ67-50	2911	65	4.13	0.38	0.48
20171202_Great Victoria Desert_BJ67-66	2890	25	3.94	0.26	0.39
20171202_Great Victoria Desert_BJ67-72	2847	27	4.81	0.16	0.34
20171202_Great Victoria Desert_BJ67-74	2865	14	4.81	0.14	0.33
20171202_Great Victoria Desert_BJ67-75	2750	24	5.70	0.10	0.31
20171202_Great Victoria Desert_BJ67-79	2750	12	5.21	0.26	0.39
20171202_Great Victoria Desert_BJ67-94	2789	67	4.68	0.20	0.36
20171202_Great Victoria Desert_BJ67-100	2815	65	4.52	0.15	0.33
20171202_Great Victoria Desert_BJ67-101	2787	31	4.92	0.18	0.35
20171202_Great Victoria Desert_BJ67-121	2842	89	4.69	0.11	0.32
20171202_Great Victoria Desert_BJ67-129	2798	40	4.45	0.21	0.36
20171202_Great Victoria Desert_BJ67-131	2784	109	4.59	0.07	0.30
20171202_Great Victoria Desert_BJ67-135	2919	58	4.63	0.17	0.34
20180427_Great Sandy Desert_CTJ64-5	1712	79	7.44	0.10	0.33

20180427_Great Sandy Desert_CTJ64-6	1907	80	8.02	0.10	0.33
20180427_Great Sandy Desert_CTJ64-8	1797	91	4.91	0.18	0.36
20180427_Great Sandy Desert_CTJ64-11	1813	80	11.08	0.20	0.37
20180427_Great Sandy Desert_CTJ64-13	1605	83	7.66	0.15	0.44
20180427_Great Sandy Desert_CTJ64-14	1741	81	4.98	0.07	0.32
20180427_Great Sandy Desert_CTJ64-20	1738	81	7.28	0.12	0.43
20180427_Great Sandy Desert_CTJ64-21	1755	83	6.43	0.14	0.44
20180427_Great Sandy Desert_CTJ64-24	1683	82	6.22	0.13	0.43
20180427_Great Sandy Desert_CTJ64-28	2172	78	5.41	0.15	0.44
20180427_Great Sandy Desert_CTJ64-30	1748	84	6.11	0.11	0.33
20180427_Great Sandy Desert_CTJ64-33	1846	80	7.13	0.23	0.39
20180427_Great Sandy Desert_CTJ64-45	1041	93	9.13	0.12	0.33
20180427_Great Sandy Desert_CTJ64-47	1141	92	6.97	0.14	0.39
20180427_Great Sandy Desert_CTJ64-48	2101	78	6.74	0.19	0.36
20180427_Great Sandy Desert_CTJ64-52	2349	77	6.56	0.22	0.47
20180427_Great Sandy Desert_CTJ64-54	1589	84	8.07	0.23	0.38
20180427_Great Sandy Desert_CTJ64-59	445	12	6.31	0.13	0.33
20180427_Great Sandy Desert_CTJ64-67	1548	82	7.32	0.05	0.31
20180427_Great Sandy Desert_CTJ64-71	1825	80	8.76	0.10	0.32
20180427_Great Sandy Desert_CTJ64-80	1931	85	6.34	0.27	0.50
20180427_Great Sandy Desert_CTJ64-81	2336	79	6.93	0.14	0.44
20180427_Great Sandy Desert_CTJ64-83	1843	82	7.06	0.11	0.43
20180427_Great Sandy Desert_CTJ64-84	1846	79	7.36	0.23	0.47
20180427_Great Sandy Desert_CTJ64-90	1839	79	6.74	0.20	0.37
20180427_Great Sandy Desert_CTJ64-94	342	10	6.00	0.16	0.35
20180427_Great Sandy Desert_CTJ64-95	1854	80	7.61	0.18	0.36
20180427_Great Sandy Desert_CTJ64-96	1727	85	6.97	0.30	0.51
20180427_Great Sandy Desert_CTJ64-97	302	9	6.51	0.17	0.35
20180427_Great Sandy Desert_CTJ64-101	1846	80	8.02	0.20	0.46
20180427_Great Sandy Desert_CTJ64-103	1818	85	7.86	0.21	0.46
20180427_Great Sandy Desert_CTJ64-111	371	10	8.31	0.26	0.41
20180427_Great Sandy Desert_CTJ64-115	1913	80	7.94	0.16	0.35
20180427_Great Sandy Desert_CTJ64-126	1171	93	4.60	0.12	0.33
20180427_Great Sandy Desert_CTJ64-127	790	20	5.30	0.22	0.38
20180427_Great Victoria Desert_CPL17-2	1568	87	4.64	0.10	0.32
20180427_Great Victoria Desert_CPL17-12	1166	93	4.52	0.09	0.32
20180427_Great Victoria Desert_CPL17-14	1164	96	3.92	0.20	0.37
20180427_Great Victoria Desert_CPL17-28	1081	90	7.04	0.09	0.32
20180427_Great Victoria Desert_CPL17-30	1549	88	8.80	0.16	0.35
20180427_Great Victoria Desert_CPL17-33	1089	132	6.97	0.19	0.36
20180427_Great Victoria Desert_CPL17-39	885	21	4.94	0.26	0.49
20180427_Great Victoria Desert_CPL17-49	1166	88	4.35	0.09	0.32
20180427_Great Victoria Desert_CPL17-54	1303	92	10.61	0.16	0.35
20180427_Great Victoria Desert_CPL17-56	1136	95	2.89	0.21	0.37
20180427_Great Victoria Desert_CPL17-59	499	13	6.14	0.21	0.37
20180427_Great Victoria Desert_CPL17-62	1181	90	4.99	0.14	0.34
20180427_Great Victoria Desert_CPL17-64	1572	89	5.50	0.20	0.37
20180427_Great Victoria Desert_CPL17-68	1287	91	6.67	0.29	0.51
20180427_Great Victoria Desert_CPL17-80	1154	96	4.09	0.12	0.33
20180427_Great Victoria Desert_CPL17-83	1278	96	4.29	0.09	0.32
20180427_Great Victoria Desert_CPL17-86	2839	71	4.24	0.10	0.33
20180427_Great Victoria Desert_CPL17-92	1423	91	6.83	0.22	0.38
20180427_Great Victoria Desert_CPL17-98	1233	99	0.97	0.19	0.46
20180427_Great Victoria Desert_CPL17-100	1194	89	4.90	0.07	0.32
20180427_Great Victoria Desert_CPL17-106	1166	93	5.24	0.12	0.33
20180427_Great Victoria Desert_CPL17-107	1086	93	7.66	0.15	0.44
20180427_Great Victoria Desert_CPL17-110	2697	71	9.74	0.17	0.35
20180427_Great Victoria Desert_CPL17-117	1164	103	5.49	0.07	0.32
20180427_Great Victoria Desert_CPL17-127	1266	99	7.75	0.22	0.38
20180427_Great Victoria Desert_CTJ20-9	2794	74	3.32	0.13	0.34
20180427_Great Victoria Desert_CTJ20-10	1431	99	8.47	0.22	0.38
20180427_Great Victoria Desert_CTJ20-18	1070	107	2.84	0.24	0.44
20180427_Great Victoria Desert_CTJ20-35	1194	153	2.33	0.03	0.31
20180427_Great Victoria Desert_CTJ20-36	1161	98	4.55	0.24	0.48
20180427_Great Victoria Desert_CTJ20-73	1141	92	1.02	0.10	0.33
20180427_Great Victoria Desert_CTJ20-76	1257	116	5.89	0.14	0.34
20180427_Great Victoria Desert_CTJ20-77	1817	83	5.29	0.25	0.40
20180427_Great Victoria Desert_CTJ20-83	1306	94	6.67	0.11	0.33
20180427_Great Victoria Desert_CTJ20-93	1174	93	8.29	0.14	0.34
20180427_Great Victoria Desert_CTJ20-96	1204	93	5.52	0.13	0.43
20180427_Great Victoria Desert_CTJ20-97	1115	101	2.02	0.16	0.35
20180427_Great Victoria Desert_CTJ20-100	1545	106	6.54	0.27	0.41
20180427_Great Victoria Desert_CTJ20-102	1105	97	6.14	0.21	0.46
20180427_Great Victoria Desert_CTJ20-107	1078	117	7.64	0.14	0.34
20180427_Great Victoria Desert_CTJ20-109	1247	131	4.71	0.11	0.33
20180427_Great Victoria Desert_CTJ20-116	1357	122	4.86	0.07	0.32
20180427_Great Victoria Desert_CTJ20-120	1166	103	4.94	0.17	0.45
20180929_Ashburton-3	2159	67	6.70	0.13	0.33
20180929_Ashburton-4	1760	73	7.76	0.17	0.35
20180929_Ashburton-8	1758	76	10.54	0.17	0.35
20180929_Ashburton-9	1790	70	7.82	0.19	0.36
20180929_Ashburton-15	1775	71	8.13	0.09	0.32
20180929_Ashburton-16	1817	75	7.08	0.19	0.36
20180929_Ashburton-19	1797	71	9.60	0.21	0.37

20180929_Ashburton-21	1235	84	6.37	0.16	0.35
20180929_Ashburton-23	1836	73	6.19	0.06	0.31
20180929_Ashburton-24	1809	71	5.27	0.12	0.33
20180929_Ashburton-26	1676	99	6.24	0.14	0.34
20180929_Ashburton-30	1795	73	5.65	0.35	0.47
20180929_Ashburton-34	1839	84	7.11	0.15	0.35
20180929_Ashburton-37	1779	74	7.51	0.11	0.33
20180929_Daly-3	253	17	7.24	0.22	0.38
20180929_Daly-7	1159	88	5.04	0.14	0.34
20180929_Daly-9	240	16	5.73	0.10	0.33
20180929_Daly-10	98	7	3.84	0.06	0.32
20180929_Daly-11	1865	81	7.80	0.20	0.37
20180929_Daly-15	1578	77	6.25	0.11	0.33
20180929_Daly-16	631	42	8.46	0.23	0.39
20180929_De Grey-1	3475	62	6.30	0.06	0.32
20180929_De Grey-3	3424	59	5.25	0.24	0.39
20180929_De Grey-7	3462	62	5.66	0.14	0.34
20180929_De Grey-11	1216	90	9.01	0.17	0.35
20180929_De Grey-22	3377	55	6.02	0.12	0.33
20180929_De Grey-25	3306	64	5.28	0.30	0.43
20180929_De Grey-27	1852	67	7.87	0.13	0.34
20180929_De Grey-32	713	46	8.48	0.31	0.44
20180929_De Grey-34	1416	117	4.47	0.13	0.34
20180929_Fitzroy-1	1166	106	7.27	0.29	0.42
20180929_Fitzroy-9	1818	73	8.17	0.11	0.33
20180929_Fitzroy-13	1846	71	7.58	0.21	0.37
20180929_Fitzroy-16	1893	67	6.77	0.12	0.33
20180929_Fitzroy-20	1873	71	9.47	0.13	0.33
20180929_Fitzroy-23	1902	79	5.88	0.19	0.36
20180929_Fitzroy-24	1625	69	7.72	0.12	0.33
20180929_Lake Brown-1	2729	68	5.17	0.19	0.37
20180929_Lake Brown-3	2738	63	5.18	0.11	0.33
20180929_Lake Brown-5	1196	94	9.11	0.31	0.44
20180929_Lake Campion-1	2633	65	5.81	0.29	0.42
20180929_Lake Campion-7	1784	72	6.20	0.21	0.38
20180929_Lake Campion-9	2651	62	7.43	0.27	0.41
20180929_Lake Campion-10	2657	69	4.72	0.22	0.38
20180929_Lake Dumbleyung-1	2639	60	7.29	0.24	0.39
20180929_Lake Dumbleyung-4	2644	61	5.69	0.15	0.35
20180929_Lake Dumbleyung-8	2649	62	4.78	0.20	0.37
20180929_Lake Dumbleyung-11	2635	62	6.82	0.17	0.35
20180929_Lake Dumbleyung-13	2652	61	8.57	0.12	0.33
20180929_Lake Dumbleyung-16	2652	63	5.99	0.27	0.41
20180929_Lake Dumbleyung-17	2648	60	3.69	0.04	0.31
20180929_Lake Dumbleyung-23	2635	61	6.15	0.16	0.35
20180929_Lake Dumbleyung-30	2751	61	5.50	0.20	0.37
20180929_Lake Dumbleyung-32	2665	60	6.02	0.19	0.36
20180929_Lake Dumbleyung-33	2632	61	5.78	0.19	0.36
20180929_Lake Dumbleyung-40	2685	62	4.77	0.19	0.36
20180929_Lake Dumbleyung-47	2642	61	8.31	0.21	0.63
20180929_Lake Everard-1	1194	86	5.08	0.18	0.36
20180929_Lake Everard-3	1621	84	5.53	0.16	0.35
20180929_Lake Everard-10	1589	82	5.13	0.18	0.36
20180929_Lake Everard-12	1566	85	5.06	0.06	0.32
20180929_Lake Everard-16	1591	84	5.41	0.09	0.32
20180929_Lake Everard-19	1580	79	4.68	0.22	0.63
20180929_Lake Everard-23	1576	81	6.06	0.33	0.45
20180929_Lake Everard-26	1784	105	5.32	0.25	0.64
20180929_Lake Everard-33	1614	82	7.58	0.11	0.33
20180929_Lake Everard-34	1161	83	4.77	0.18	0.36
20180929_Lake Everard-37	1660	80	4.57	0.23	0.39
20180929_Lake Everard-38	1603	83	4.64	0.15	0.34
20180929_Lake Everard-42	1655	84	6.44	0.18	0.36
20180929_Lake Everard-43	1578	79	7.42	0.16	0.35
20180929_Lake Everard-45	1566	89	5.41	0.12	0.33
20180929_Lake Everard-53	1582	78	5.16	0.18	0.36
20180929_Lake Everard-55	1149	81	5.22	0.13	0.33
20180929_Lake Everard-60	1240	91	5.65	0.06	0.32
20180929_Lake Everard-63	1545	98	5.11	0.13	0.33
20180929_Lake Everard-64	1557	95	5.71	0.13	0.33
20180929_Lake Everard-70	1032	88	5.83	0.24	0.39
20180929_Lake Everard-77	1589	84	5.44	0.28	0.42
20180929_Lake Torrens-1	1599	78	5.22	0.19	0.37
20180929_Lake Torrens-5	1555	78	5.09	0.20	0.37
20180929_Lake Torrens-11	2062	65	3.84	0.14	0.34
20180929_Lake Torrens-16	1259	95	4.10	0.08	0.32
20180929_Lake Torrens-18	1589	82	5.01	0.08	0.32
20180929_Lake Torrens-19	1582	78	7.31	0.20	0.37
20180929_Lake Torrens-21	1576	77	6.42	0.11	0.33
20180929_Lake Torrens-23	1549	84	5.80	0.10	0.32
20180929_Lake Torrens-24	1588	78	5.96	0.12	0.33
20180929_Lake Wells-5	1603	74	9.21	0.19	0.36
20180929_Lake Wells-7	1043	139	6.80	0.25	0.40
20180929_Lake Wells-8	1566	81	6.87	0.09	0.32

20180929_Lake Wells-16	1223	87	6.63	0.23	0.39
20180929_Lake Wells-17	1128	103	7.85	0.20	0.37
20180929_Lake Wells-24	1364	84	4.33	0.10	0.33
20180929_Lake Wells-26	2634	63	6.51	0.07	0.32
20180929_Lake Wells-30	2751	65	5.71	0.16	0.35
20180929_Lake Wells-34	1186	94	6.06	0.18	0.36
20180929_Lake Wells-38	1245	105	6.58	0.26	0.41
20180929_Lake Wells-39	1599	70	5.81	0.05	0.31
20180929_Lake Wells-42	1102	100	3.08	0.09	0.60
20180929_Lake Wells-44	1186	102	7.59	0.21	0.37
20180929_Lake Wells-48	1216	156	6.46	0.17	0.35
20180929_Mulgaria-2	301	20	3.29	0.15	0.34
20180929_Mulgaria-6	252	17	6.41	0.14	0.34
20180929_Mulgaria-8	1631	78	7.55	0.26	0.40
20180929_Mulgaria-10	1169	168	6.20	0.11	0.60
20180929_Mulgaria-11	741	52	6.30	0.23	0.38
20180929_Mulgaria-13	97	7	9.40	0.25	0.40
20180929_Mulgaria-20	174	12	4.52	0.05	0.31
20180929_Mulgaria-23	270	18	9.53	0.24	0.39
20180929_Mulgaria-27	2656	67	6.72	0.31	0.44
20180929_Mulgaria-29	453	29	11.55	0.16	0.35
20180929_Mulgaria-31	320	21	5.12	0.12	0.33
20180929_Mulgaria-32	97	7	2.45	0.09	0.32
20180929_Mulgaria-35	302	20	4.22	0.06	0.31
20180929_Mulgaria-36	1159	109	5.87	0.15	0.34
20180929_Mulgaria-37	1369	84	5.31	0.11	0.60
20180929_Mulgaria-38	150	11	4.60	0.09	0.32
20180929_Mulgaria-39	338	23	7.71	0.04	0.31
20180929_Murrumbidgee-14	443	29	8.33	0.18	0.36
20180929_Murrumbidgee-21	459	31	8.42	0.13	0.33
20180929_Murrumbidgee-22	439	29	9.04	0.23	0.47
20180929_Murrumbidgee-28	416	27	6.66	0.16	0.35
20180929_Murrumbidgee-32	441	29	8.54	0.17	0.35
20180929_Murrumbidgee-39	565	36	7.01	0.18	0.36
20180929_Murrumbidgee-42	407	26	6.99	0.38	0.49
20180929_Murrumbidgee-43	914	58	4.90	0.22	0.38
20180929_Murrumbidgee-51	473	31	10.00	0.15	0.44
20180929_Murrumbidgee-54	457	29	6.27	0.04	0.31
20180929_Murrumbidgee-58	441	29	11.39	0.17	0.35
20180929_Murrumbidgee-66	463	30	7.37	0.14	0.34
20180929_Murrumbidgee-69	1342	83	4.24	0.22	0.38
20180929_Murrumbidgee-70	442	29	9.88	0.16	0.35
20180929_Murrumbidgee-82	493	36	8.52	0.27	0.49
20180929_Murrumbidgee-84	441	29	6.92	0.23	0.39
20180929_Murrumbidgee-91	443	30	9.06	0.20	0.37
20180929_Murrumbidgee-97	447	30	8.63	0.06	0.32
20180929_Victoria-6	875	56	4.88	0.18	0.62
20180930_Lake Carey-1	2679	127	4.74	0.13	0.34
20180930_Lake Carey-4	2741	173	3.14	0.24	0.39
20180930_Lake Carey-8	2723	132	4.57	0.18	0.62
20180930_Lake Carey-9	2678	127	5.86	0.18	0.36
20180930_Lake Carey-10	2689	126	4.84	0.23	0.39
20180930_Lake Carey-11	2705	124	5.22	0.12	0.33
20180930_Lake Carey-15	2680	127	5.08	0.06	0.32
20180930_Lake Carey-21	2689	126	4.68	0.23	0.64
20180930_Lake Carey-22	2662	128	5.02	0.17	0.35
20180930_Lake Carey-23	2750	138	4.32	0.16	0.35
20180930_Lake Carey-26	2654	129	4.51	0.25	0.40
20180930_Lake Carey-32	1206	157	6.23	0.12	0.61
20180930_Lake Carey-37	2708	124	5.57	0.15	0.35
20180930_Murray1-1	162	7	2.89	0.16	0.35
20180930_Murray1-2	177	9	3.78	0.31	0.43
20180930_Murray1-4	1658	145	6.97	0.13	0.34
20180930_Murray1-5	1070	166	4.37	0.19	0.36
20180930_Murray1-6	794	32	5.46	0.18	0.36
20180930_Murray1-8	630	25	8.49	0.36	0.47
20180930_Murray1-15	407	17	9.74	0.29	0.42
20180930_Murray1-16	428	18	6.13	0.20	0.37
20180930_Murray1-18	249	10	4.86	0.14	0.34
20180930_Murray1-23	262	11	7.76	0.38	0.49
20180930_Murray1-26	512	21	5.21	0.07	0.32
20180930_Murray1-27	159	7	4.15	0.13	0.33
20180930_Murray1-34	2606	124	5.64	0.14	0.34
20180930_Murray1-35	421	18	5.27	0.14	0.34
20180930_Murray1-40	526	20	6.85	0.11	0.33
20180930_Murray1-49	2245	134	5.85	0.19	0.36
20180930_Murray1-50	1046	232	6.83	0.19	0.36
20180930_Murray1-55	104	5	6.52	0.32	0.45
20180930_Murray1-63	619	24	9.26	0.25	0.40
20180930_Murray2-68	355	15	6.62	0.20	0.63
20180930_Murray2-73	1667	143	6.96	0.14	0.34
20180930_Murray2-78	1418	145	3.84	0.19	0.36
20180930_Murray2-79	1154	157	5.11	0.13	0.34
20180930_Murray2-82	186	9	9.06	0.20	0.37
20180930_Murray2-83	499	20	4.95	0.13	0.33
20180930_Murray2-92	182	11	7.34	0.09	0.32
20180930_Murray2-94	150	8	3.78	0.17	0.35
20180930_Murray2-95	495	20	5.83	0.13	0.34
20180930_Murray2-96	2688	126	5.74	0.12	0.33
20180930_Murray2-99	1169	191	4.78	0.12	0.33
20180930_Murray2-102	247	13	3.29	0.13	0.34

20180930_Murray2-106	165	8	2.34	0.17	0.35
20180930_Murray2-107	1136	192	4.62	0.21	0.38
20180930_Murray2-108	544	22	3.98	0.15	0.34
20180930_Murray2-109	595	23	6.26	0.22	0.38
20180930_Murrumbidgee-103	2392	121	7.48	0.17	0.45
20180930_Murrumbidgee-108	451	18	7.56	0.08	0.32
20180930_Murrumbidgee-111	2404	131	3.63	0.13	0.43
20180930_Murrumbidgee-118	421	17	8.91	0.10	0.43
20180930_Murrumbidgee-120	469	23	5.54	0.16	0.44
20180930_Murrumbidgee-129	437	18	7.23	0.27	0.41
20180930_Nalla Creek-1	2758	120	4.40	0.11	0.33
20180930_Nalla Creek-4	2762	128	6.56	0.20	0.37
20180930_Nalla Creek-8	2710	124	6.47	0.24	0.39
20180930_Nalla Creek-11	2759	120	4.71	0.25	0.64
20180930_Nalla Creek-18	2679	127	8.02	0.25	0.40
20201009_Lake Brown_A1	2659	44	5.68	0.30	0.49
20201009_Nalla Creek_A1	2708	52	4.68	0.18	0.43
20201009_Nalla Creek_A2	2670	47	4.57	0.14	0.42
20201009_Nalla Creek_A3	2789	34	4.38	0.19	0.44
20180930_Nalla Creek-7	2740	121	5.05	0.14	0.42
20180930_Nalla Creek-9	2766	128	5.66	0.40	0.56
20180930_Nalla Creek-10	2736	122	4.60	0.24	0.46
20180930_Nalla Creek-13	2656	119	5.40	0.13	0.41
20180930_Nalla Creek-17	2739	130	4.55	0.27	0.48
20201009_Nalla Creek_A4	2665	32	5.05	0.20	0.44
20180929_Lake Campion-2	1770	73	8.56	0.35	0.53
20180929_Lake Campion-3	2648	74	6.11	0.16	0.42
20180929_Lake Campion-4	2605	63	6.11	0.35	0.52
20180929_Lake Campion-5	269	18	9.98	0.20	0.44
20180929_Lake Campion-6	2667	66	6.28	0.12	0.41
20201009_Lake Campion_A1	2599	39	6.36	0.13	0.41
20201009_Lake Campion_A3	2674	83	6.66	0.18	0.43
20201009_Lake Campion_A4	2629	42	5.95	0.17	0.43
20180930_Lake Carey-3	2695	125	5.43	0.38	0.55
20180930_Lake Carey-6	2669	128	5.63	0.25	0.46
20180930_Lake Carey-7	2699	125	6.18	0.20	0.44
20180930_Lake Carey-12	2730	131	6.41	0.17	0.43
20180930_Lake Carey-13	2702	125	6.24	0.38	0.54
20180930_Lake Carey-28	1138	148	7.25	0.09	0.40
20180930_Lake Carey-34	2676	127	5.37	0.10	0.40
20180930_Lake Carey-38	2674	127	5.74	0.36	0.53
20180930_Lake Carey-40	2728	122	5.74	0.41	0.57
20201009_Lake Carey_A1	1223	174	7.99	0.40	0.56
20201009_Lake Carey_A2	2634	65	5.79	0.16	0.43
20201009_Lake Carey_A3	1159	73	7.61	0.20	0.44
20201009_Lake Carey_A4	2702	51	6.28	0.09	0.40
20201009_Lake Carey_A5	1146	79	7.63	0.18	0.43
20201009_Lake Carey_A6	1775	72	7.10	0.06	0.40
20201009_Lake Carey_A7	2755	42	6.35	0.22	0.45
20201009_Lake Carey_A8	2685	55	6.19	0.33	0.51
20180929_Lake Wells-22	2640	64	5.21	0.20	0.44
20180929_Lake Wells-29	2662	66	5.78	0.24	0.46
20180929_Lake Wells-41	1696	74	7.28	0.38	0.55
20201009_Lake Wells_A1	1194	84	8.20	0.16	0.42
20201009_Lake Wells_A2	1599	76	6.89	0.31	0.50
20201009_Lake Wells_A3	1181	92	3.84	0.11	0.41
20201009_Lake Wells_A5	2620	68	6.97	0.37	0.54
20201009_Lake Wells_A6	1278	103	7.95	0.29	0.49
20201009_Lake Wells_A7	1213	49	4.83	0.33	0.51
20201009_Lake Wells_A8	999	95	2.20	0.26	0.47
20201009_Lake Wells_A9	1024	83	7.65	0.16	0.42
20201009_Lake Wells_A11	1171	63	7.12	0.31	0.50
20201009_Lake Wells_A12	1249	88	7.62	0.24	0.46
20180929_Lake Dumbleyung-3	2604	65	3.23	0.29	0.49
20180929_Lake Dumbleyung-5	2670	62	6.00	0.16	0.43
20180929_Lake Dumbleyung-7	2655	62	5.19	0.29	0.49
20180929_Lake Dumbleyung-14	2652	61	6.36	0.28	0.48
20180929_Lake Dumbleyung-15	2648	63	5.62	0.18	0.43
20180929_Lake Dumbleyung-21	2641	60	6.61	0.34	0.52
20180929_Lake Dumbleyung-24	2746	66	6.63	0.19	0.43
20180929_Lake Dumbleyung-25	2632	65	6.39	0.45	0.59
20180929_Lake Dumbleyung-26	2669	61	6.17	0.46	0.60
20180929_Lake Dumbleyung-28	2652	61	5.61	0.21	0.44
20180929_Lake Dumbleyung-31	2650	64	6.29	0.32	0.51
20180929_Lake Dumbleyung-34	2651	62	5.49	0.14	0.42
20180929_Lake Dumbleyung-44	2662	61	5.94	0.10	0.41
20180929_Lake Dumbleyung-45	2649	61	5.71	0.08	0.40
20180929_Lake Dumbleyung-53	2624	61	6.26	0.43	0.58
20201009_Lake Dumbleyung_A1	2656	16	5.76	0.30	0.49
20201009_Lake Dumbleyung_A2	2635	23	5.51	0.33	0.51
20201009_Lake Dumbleyung_A3	2648	36	5.79	0.32	0.51
20201009_Lake Dumbleyung_A4	2674	27	5.84	0.13	0.41
20171201_Great Victoria Desert_BJ67-1	3002	151	5.00	0.12	0.47
20171201_Great Victoria Desert_BJ67-10	2814	90	4.50	0.21	0.50
20171202_Great Victoria Desert_BJ67-17	2916	73	7.06	0.24	0.52
20171202_Great Victoria Desert_BJ67-19	2836	32	5.43	0.09	0.47
20171202_Great Victoria Desert_BJ67-24	2713	19	7.08	0.09	0.47
20171202_Great Victoria Desert_BJ67-28	2856	49	4.65	0.24	0.52
20171202_Great Victoria Desert_BJ67-29	2819	14	3.45	0.33	0.56
20171202_Great Victoria Desert_BJ67-30	2717	19	6.26	0.09	0.47
20171202_Great Victoria Desert_BJ67-31	2870	59	5.27	0.05	0.46
20171202_Great Victoria Desert_BJ67-34	2644	26	6.67	0.13	0.48
20171202_Great Victoria Desert_BJ67-38	2855	21	5.98	0.18	0.49
20171202_Great Victoria Desert_BJ67-55	2855	16	3.93	0.30	0.55
20171202_Great Victoria Desert_BJ67-56	2848	38	4.38	0.16	0.49
20171202_Great Victoria Desert_BJ67-62	2768	20	5.99	0.06	0.46
20171202_Great Victoria Desert_BJ67-78	2896	39	3.74	0.11	0.47

20171202_Great Victoria Desert_BJ67-81	2835	39	4.96	0.09	0.47
20171202_Great Victoria Desert_BJ67-82	2873	33	5.10	0.13	0.48
20171202_Great Victoria Desert_BJ67-83	2805	50	4.48	0.18	0.49
20171202_Great Victoria Desert_BJ67-85	2792	33	5.22	0.16	0.49
20171202_Great Victoria Desert_BJ67-88	2817	36	1.45	0.16	0.49
20171202_Great Victoria Desert_BJ67-96	2792	25	4.73	0.15	0.48
20171202_Great Victoria Desert_BJ67-98	2675	26	6.09	0.20	0.50
20171202_Great Victoria Desert_BJ67-108	2827	33	4.98	0.09	0.47
20171202_Great Victoria Desert_BJ67-109	2722	20	4.39	0.08	0.46
20171202_Great Victoria Desert_BJ67-123	2804	21	3.72	0.13	0.47
20171202_Great Victoria Desert_BJ67-130	2806	18	3.72	0.10	0.47
20171202_Great Victoria Desert_BJ67-133	2855	37	-0.49	0.17	0.49
20171202_Great Victoria Desert_BJ67-138	2792	18	2.97	0.14	0.48
20171202_Great Victoria Desert_BJ67-141	2855	60	4.89	0.13	0.47
20201009_Great Victoria Desert_BJ67_A1	2829	60	4.84	0.24	0.52
20201009_Great Victoria Desert_BJ67_A2	2843	66	2.99	0.15	0.48
20201009_Great Victoria Desert_BJ67_A3	2705	19	5.56	0.13	0.48
20201009_Great Victoria Desert_BJ67_A4	2811	35	4.78	0.13	0.47
20201009_Great Victoria Desert_BJ67_A5	2722	40	5.63	0.15	0.48
20071121_Great Victoria Desert_CPL61-12	623	21	5.88		0.32
20071121_Great Victoria Desert_CPL61-13	1705	39	6.35		0.31
20071121_Great Victoria Desert_CPL61-14	1703	40	7.88		0.31
20071121_Great Victoria Desert_CPL61-17	1192	37	8.41		0.40
20071121_Great Victoria Desert_CPL61-19	1166	33	6.12		0.36
20071121_Great Victoria Desert_CPL61-20	1157	35	5.00		0.49
20071121_Great Victoria Desert_CPL61-21	1205	40	7.30		0.43
20071121_Great Victoria Desert_CPL61-22	2780	62	5.33		0.50
20071121_Great Victoria Desert_CPL61-23	1057	34	4.08		0.32
20071121_Great Victoria Desert_CPL61-26	1173	30	9.55		0.31
20071121_Great Victoria Desert_CPL61-27	1664	40	8.51		0.34
20071121_Great Victoria Desert_CPL61-37	1149	42	6.52		0.50
20071121_Great Victoria Desert_CPL61-38	1212	35	7.76		0.50
20071121_Great Victoria Desert_CPL61-39	1186	30	5.48		0.35
20071121_Great Victoria Desert_CPL61-40	2825	65	5.34		0.47
20071121_Great Victoria Desert_CPL61-55	1798	42	8.07		0.48
20071121_Great Victoria Desert_CPL61-60	1655	41	8.27		0.49
20071121_Great Victoria Desert_CPL61-63	1229	50	7.05		0.48
20071121_Great Victoria Desert_CPL61-76	1155	48	8.00		0.35
20071121_Great Victoria Desert_CPL61-83	1234	40	7.63		0.48
20071121_Great Victoria Desert_CPL61-87	1194	34	7.31		0.47
20071121_Great Victoria Desert_CPL61-89	971	40	4.72		0.34
20071121_Great Victoria Desert_CPL61-91	1667	45	6.06		0.51
20071121_Simpson Desert_SP221-11	591	15	6.32		0.44
20071121_Simpson Desert_SP221-12	482	12	1.23		0.48
20071121_Simpson Desert_SP221-15	137	4	4.86		0.31
20071121_Simpson Desert_SP221-16	161	6	4.18		0.33
20071121_Simpson Desert_SP221-24	110	4	4.46		0.49
20071121_Simpson Desert_SP221-25	1765	50	0.75		0.48
20071121_Simpson Desert_SP221-31	110	4	4.88		0.30
20071121_Simpson Desert_SP221-39	94	3	4.35		0.49
20071121_Simpson Desert_SP221-40	449	11	7.11		0.47
20071121_Simpson Desert_SP221-45	99	3	4.69		0.38
20071121_Simpson Desert_SP221-46	188	5	5.49		0.40
20071121_Simpson Desert_SP221-56	359	10	5.18		0.49
20071121_Simpson Desert_SP221-58	264	7	4.73		0.47
20071121_Simpson Desert_SP221-64	251	6	5.96		0.47
20071121_Simpson Desert_SP221-72	108	3	4.58		0.47
20071121_Simpson Desert_SP221-73	374	10	11.09		0.49
20071121_Simpson Desert_SP221-75	579	14	10.82		0.49
20071121_Simpson Desert_SP221-84	532	15	7.52		0.48
20071121_Simpson Desert_SP221-87	499	14	6.43		0.48
20071121_Simpson Desert_SP221-94	251	8	6.48		0.47
20071121_Simpson Desert_SP221-97	460	11	5.58		0.49
20071121_Tanami Desert_BJ200-21	1716	41	6.78		0.31
20071121_Tanami Desert_BJ200-23	1238	42	7.10		0.44
20071121_Tanami Desert_BJ200-25	1783	43	8.76		0.31
20071121_Tanami Desert_BJ200-45	1883	47	9.34		0.33
20071121_Tanami Desert_BJ200-51	1786	43	7.98		0.57
20071121_Tanami Desert_BJ200-56	1888	44	8.62		0.49
20071121_Tanami Desert_BJ200-65	1860	46	7.61		0.43
20071121_Tanami Desert_BJ200-99	1972	45	7.83		0.49
20071129_Lowan Sand_SP135-13	467	12	6.80		0.65
20071129_Lowan Sand_SP135-15	1140	36	5.58		0.72
20071129_Lowan Sand_SP135-18	523	13	9.95		0.67
20071129_Lowan Sand_SP135-19	555	14	8.67		0.70
20071129_Lowan Sand_SP135-2	161	4	2.95		0.66
20071129_Lowan Sand_SP135-23	1163	34	6.67		0.67
20071129_Lowan Sand_SP135-25	580	15	7.67		0.69
20071129_Lowan Sand_SP135-29	520	13	8.51		0.72
20071129_Lowan Sand_SP135-32	396	9	6.88		0.88
20071129_Lowan Sand_SP135-34	584	16	6.66		0.77
20071129_Lowan Sand_SP135-37	1622	36	6.54		0.69
20071129_Lowan Sand_SP135-38	574	13	8.60		0.70
20071129_Lowan Sand_SP135-39	560	13	6.13		0.71
20071129_Lowan Sand_SP135-4	531	11	7.01		0.68
20071129_Lowan Sand_SP135-42	132	4	5.71		0.70
20071129_Lowan Sand_SP135-43	481	11	9.46		0.81
20071129_Lowan Sand_SP135-44	523	14	7.62		0.69
20071129_Lowan Sand_SP135-50	550	13	7.43		0.68
20071129_Lowan Sand_SP135-54	592	14	5.59		0.68
20071129_Lowan Sand_SP135-55	257	6	5.37		0.69
20071129_Lowan Sand_SP135-57	1084	42	4.28		0.72
20071129_Lowan Sand_SP135-58	1086	35	6.46		0.79
20071129_Lowan Sand_SP135-59	249	6	6.44		0.68
20071129_Lowan Sand_SP135-64	573	13	11.05		0.70
20071129_Lowan Sand_SP135-7	247	7	5.51		0.66
20071129_Lowan Sand_SP135-78	620	14	7.81		0.69

20071129_Lowan Sand_SP135-80	486	11	7.12	0.73
20071129_Lowan Sand_SP135-82	580	16	7.28	0.66
20071129_Lowan Sand_SP135-87	579	14	10.48	0.72
20071129_Lowan Sand_SP135-88	383	10	4.78	0.67
20071129_Lowan Sand_SP135-93	642	14	8.36	0.74
20071129_Lowan Sand_SP135-96	596	13	6.01	0.68
20071129_Lowan Sand_SP135-97	534	12	7.19	0.67
20071129_Simpson Desert_CTJ98-5	187	5	4.45	0.55
20071129_Simpson Desert_CTJ98-15	108	3	4.12	0.62
20071129_Simpson Desert_CTJ98-18	559	12	11.21	0.58
20071129_Simpson Desert_CTJ98-27	1736	43	7.82	0.58
20071129_Simpson Desert_CTJ98-31	1708	34	4.74	0.69
20071129_Simpson Desert_CTJ98-34	1224	28	9.88	0.53
20071129_Simpson Desert_CTJ98-35	1995	38	7.94	0.57
20071129_Simpson Desert_CTJ98-38	621	17	8.88	0.55
20071129_Simpson Desert_CTJ98-46	1788	36	8.34	0.59
20071129_Simpson Desert_CTJ98-48	1662	42	7.99	0.53
20071129_Simpson Desert_CTJ98-53	99	2	6.53	0.56
20071129_Simpson Desert_CTJ98-63	138	5	5.47	0.60
20071129_Simpson Desert_CTJ98-64	638	20	7.81	0.55
20071129_Simpson Desert_CTJ98-65	1749	35	7.28	0.61
20071129_Simpson Desert_CTJ98-76	227	7	6.03	0.54
20071129_Simpson Desert_CTJ98-84	162	6	5.97	0.60
20071129_Simpson Desert_CTJ98-94	570	19	8.06	0.59
20071129_Simpson Desert_CTJ98-97	1258	49	6.40	0.56
20071129_Simpson Desert_CTJ98-100	1660	38	6.82	0.54

*: $\delta^{18}O$ (permil) = $((^{18}O/^{16}O_{true})/(^{18}O/^{16}O_{VSMOW})-1)*1000$, where $^{18}O/^{16}O_{true}$ is the background, EISIE, and IMF corrected $^{18}O/^{16}O$ ratio, and $(^{18}O/^{16}O)_{VSMOW}$ is the reference value (0.0020052; Baertschi, 1976).

†: Spot uncertainty combines the within-spot uncertainty and the reproducibility (weighted 2SD) of the primary reference zircon, added in quadrature.

References:

Baertschi, P. (1976) Absolute ^{18}O content of standard mean ocean water. Earth and Planetary Science Letters 31, 341-344.

Table 5.4 Oxygen isotope data of reference zircons for each session.

Referecnce	date	time	Raw $^{18}O/^{16}O$*	± (95% conf.)	True $^{18}O/^{16}O$†	$\delta^{18}O_{VSMOW}$‡	± Within-spot precision (95% conf.)	± Spot precision SD_{RM} (95% conf.)§	^{16}O cps (median)	^{18}O cps (median)	Analyzed unknown sample
20/04/2017											
Temora 2 (Primary)											
Tem2-4	20/04/2017	12:45:07	0.0020505	0.0000002	0.0020218	8.30	0.12	0.43	2.01E+09	4.12E+06	20170201_Murray1 (No. 10-100)
Tem2-5	20/04/2017	13:20:11	0.0020498	0.0000002	0.0020211	7.94	0.11	0.43	2.06E+09	4.22E+06	20170201_Murray2 (No. 1-60)
Tem2-6	20/04/2017	13:53:29	0.0020497	0.0000002	0.0020210	7.88	0.09	0.43	2.03E+09	4.16E+06	
Tem2-7	20/04/2017	14:21:23	0.0020507	0.0000002	0.0020220	8.39	0.11	0.43	2.00E+09	4.10E+06	
Tem2-8	20/04/2017	14:56:49	0.0020493	0.0000002	0.0020207	7.73	0.09	0.43	2.06E+09	4.22E+06	
Tem2-9	20/04/2017	15:32:15	0.0020504	0.0000002	0.0020217	8.25	0.09	0.43	2.00E+09	4.10E+06	
Tem2-10	20/04/2017	16:04:06	0.0020505	0.0000002	0.0020218	8.30	0.11	0.43	2.04E+09	4.19E+06	
Tem2-11	20/04/2017	16:55:34	0.0020501	0.0000003	0.0020215	8.12	0.13	0.44	2.06E+09	4.22E+06	
Tem2-12	20/04/2017	17:23:27	0.0020507	0.0000002	0.0020220	8.38	0.09	0.43	2.05E+09	4.21E+06	
Tem2-13	20/04/2017	17:51:10	0.0020501	0.0000002	0.0020214	8.09	0.08	0.42	2.10E+09	4.30E+06	
Tem2-14	20/04/2017	18:18:55	0.0020501	0.0000002	0.0020214	8.09	0.10	0.43	2.05E+09	4.20E+06	
Tem2-15	20/04/2017	18:46:49	0.0020497	0.0000002	0.0020211	7.92	0.11	0.43	2.05E+09	4.20E+06	
Tem2-17	20/04/2017	19:42:55	0.0020500	0.0000002	0.0020214	8.06	0.09	0.43	2.05E+09	4.21E+06	
Tem2-18	20/04/2017	20:10:58	0.0020501	0.0000002	0.0020215	8.11	0.09	0.43	2.05E+09	4.20E+06	
Tem2-19	20/04/2017	20:38:15	0.0020500	0.0000002	0.0020214	8.05	0.09	0.43	2.07E+09	4.24E+06	
Tem2-20	20/04/2017	21:05:56	0.0020510	0.0000002	0.0020223	8.53	0.12	0.43	2.01E+09	4.12E+06	
Tem2-21	20/04/2017	21:33:41	0.0020508	0.0000002	0.0020221	8.42	0.12	0.43	2.03E+09	4.16E+06	
Tem2-23	20/04/2017	22:30:40	0.0020505	0.0000002	0.0020218	8.29	0.11	0.43	2.03E+09	4.17E+06	
Tem2-24	20/04/2017	22:58:33	0.0020508	0.0000002	0.0020221	8.44	0.09	0.43	2.00E+09	4.11E+06	
Tem2-25	20/04/2017	23:26:39	0.0020502	0.0000002	0.0020215	8.14	0.10	0.43	2.02E+09	4.14E+06	
Tem2-26	20/04/2017	23:54:16	0.0020508	0.0000002	0.0020221	8.42	0.11	0.43	2.00E+09	4.10E+06	
Tem2-27	20/04/2017	0:22:07	0.0020502	0.0000002	0.0020215	8.14	0.10	0.43	2.00E+09	4.11E+06	
Tem2-28	20/04/2017	0:36:14	0.0020507	0.0000002	0.0020221	8.41	0.10	0.43	2.05E+09	4.21E+06	
Tem2-29	20/04/2017	0:43:01	0.0020507	0.0000002	0.0020220	8.40	0.09	0.43	2.03E+09	4.16E+06	
Tem2-30	20/04/2017	0:49:47	0.0020507	0.0000002	0.0020220	8.37	0.10	0.43	2.07E+09	4.24E+06	
			N	**25**							
			Mean	**8.21**	**Weighted Mean**		**8.19**				
			2SD	**0.42**	**Weighted 2SD**		**0.41**				
			2SE	**0.08**	**Weighted 2SE**		**0.08**				
Plešovice											
Pl-1	20/04/2017	12:52:18	0.0020502	0.0000002	0.0020216	8.17	0.10	0.43	2.01E+09	4.12E+06	
Pl-3	20/04/2017	14:35:38	0.0020504	0.0000002	0.0020218	8.27	0.11	0.43	2.01E+09	4.11E+06	
Pl-15	21/04/2017	0:57:05	0.0020508	0.0000002	0.0020222	8.46	0.11	0.43	2.01E+09	4.12E+06	
			N	**3**							
			Mean	**8.30**	**Weighted Mean**		**8.28**				
			2SD	**0.30**	**Weighted 2SD**		**0.24**				
			2SE	**0.17**	**Weighted 2SE**		**0.14**				
21&22/04/2017											
Temora 2 (Primary)											
TEM2-15	21/04/2017	16:03:57	0.0020515	0.0000002	0.0020218	8.27	0.09	0.43	1.82E+09	3.73E+06	20170217_Bega(No. 29-100)
TEM2-16	21/04/2017	16:10:18	0.0020517	0.0000002	0.0020220	8.40	0.11	0.44	1.86E+09	3.82E+06	
TEM2-17	21/04/2017	16:35:56	0.0020505	0.0000003	0.0020209	7.81	0.13	0.44	1.95E+09	4.00E+06	
TEM2-18	21/04/2017	17:01:24	0.0020508	0.0000002	0.0020211	7.95	0.10	0.43	1.90E+09	3.90E+06	
TEM2-19	21/04/2017	17:33:33	0.0020513	0.0000003	0.0020216	8.19	0.14	0.44	1.87E+09	3.83E+06	
TEM2-20	21/04/2017	17:59:03	0.0020514	0.0000002	0.0020217	8.24	0.10	0.43	1.87E+09	3.84E+06	
TEM2-21	21/04/2017	18:24:33	0.0020514	0.0000002	0.0020217	8.22	0.10	0.43	1.82E+09	3.74E+06	
TEM2-22	21/04/2017	18:56:30	0.0020523	0.0000003	0.0020226	8.66	0.13	0.44	1.88E+09	3.85E+06	
TEM2-23	21/04/2017	19:49:43	0.0020519	0.0000002	0.0020222	8.50	0.08	0.43	1.83E+09	3.75E+06	
TEM2-24	21/04/2017	20:15:43	0.0020509	0.0000002	0.0020213	8.00	0.09	0.43	1.87E+09	3.83E+06	
TEM2-25	21/04/2017	20:41:48	0.0020508	0.0000002	0.0020211	7.93	0.10	0.44	1.90E+09	3.90E+06	
TEM2-26	21/04/2017	21:14:17	0.0020515	0.0000002	0.0020218	8.30	0.11	0.44	1.88E+09	3.86E+06	
TEM2-27	21/04/2017	21:40:31	0.0020514	0.0000002	0.0020217	8.24	0.11	0.44	1.89E+09	3.88E+06	
TEM2-28	21/04/2017	22:06:34	0.0020514	0.0000002	0.0020217	8.25	0.10	0.43	1.86E+09	3.82E+06	
TEM2-29	21/04/2017	22:32:46	0.0020511	0.0000002	0.0020214	8.08	0.11	0.44	1.93E+09	3.95E+06	
TEM2-30	21/04/2017	23:05:39	0.0020506	0.0000003	0.0020210	7.86	0.13	0.44	1.90E+09	3.90E+06	
TEM2-31	21/04/2017	23:31:24	0.0020512	0.0000002	0.0020215	8.13	0.10	0.43	1.89E+09	3.87E+06	
TEM2-32	21/04/2017	23:56:50	0.0020518	0.0000002	0.0020221	8.42	0.10	0.43	1.89E+09	3.87E+06	
TEM2-33	21/04/2017	0:22:19	0.0020516	0.0000002	0.0020219	8.35	0.10	0.43	1.89E+09	3.87E+06	
TEM2-34	21/04/2017	0:48:29	0.0020511	0.0000002	0.0020215	8.12	0.11	0.44	1.84E+09	3.78E+06	
TemB-10	22/04/2017	10:19:34	0.0020499	0.0000002	0.0020215	8.15	0.11	0.46	1.99E+09	4.08E+06	
TemB-11	22/04/2017	10:40:33	0.0020499	0.0000002	0.0020215	8.15	0.09	0.46	2.05E+09	4.19E+06	
TemB-12	22/04/2017	11:07:44	0.0020494	0.0000002	0.0020210	7.90	0.11	0.46	2.06E+09	4.23E+06	
TemB-14	22/04/2017	11:59:44	0.0020500	0.0000003	0.0020217	8.21	0.12	0.47	2.08E+09	4.27E+06	
TemB-27	22/04/2017	12:06:32	0.0020500	0.0000002	0.0020216	8.18	0.09	0.46	2.10E+09	4.30E+06	
TemB-16	22/04/2017	12:54:15	0.0020505	0.0000002	0.0020221	8.44	0.11	0.46	2.07E+09	4.23E+06	
TemB-17	22/04/2017	14:57:02	0.0020495	0.0000002	0.0020211	7.93	0.10	0.46	2.11E+09	4.32E+06	
TemB-18	22/04/2017	15:25:00	0.0020492	0.0000003	0.0020208	7.78	0.13	0.47	2.11E+09	4.33E+06	
TemB-19	22/04/2017	15:52:23	0.0020498	0.0000002	0.0020214	8.10	0.10	0.46	2.09E+09	4.28E+06	
TemB-31	22/04/2017	17:14:15	0.0020496	0.0000002	0.0020213	8.01	0.11	0.46	2.03E+09	4.16E+06	
TemB-32	22/04/2017	17:25:42	0.0020503	0.0000003	0.0020219	8.35	0.13	0.47	2.02E+09	4.14E+06	
TemB-28	22/04/2017	17:56:06	0.0020505	0.0000002	0.0020222	8.46	0.10	0.46	2.01E+09	4.13E+06	
TemB-22	22/04/2017	18:23:17	0.0020501	0.0000002	0.0020217	8.22	0.11	0.46	2.03E+09	4.16E+06	
TemB-23	22/04/2017	18:50:36	0.0020510	0.0000002	0.0020226	8.70	0.10	0.46	1.95E+09	3.99E+06	
TemB-24	22/04/2017	19:32:13	0.0020501	0.0000002	0.0020218	8.26	0.11	0.46	2.01E+09	4.13E+06	
TemB-25	22/04/2017	19:59:26	0.0020504	0.0000002	0.0020220	8.38	0.09	0.46	2.00E+09	4.11E+06	
TemB-26	22/04/2017	20:13:05	0.0020498	0.0000002	0.0020215	8.11	0.10	0.46	1.99E+09	4.09E+06	
			N	**37**							
			Mean	**8.20**	**Weighted Mean**		**8.20**				
			2SD	**0.44**	**Weighted 2SD**		**0.43**				
			2SE	**0.07**	**Weighted 2SE**		**0.07**				
Plešovice											
PL-10	21/04/2017	0:41:46	0.0020516	0.0000002	0.0020219	8.32	0.10	0.43	1.90E+09	3.90E+06	
PL-5	21/04/2017	17:07:50	0.0020507	0.0000003	0.0020211	7.91	0.13	0.44	1.89E+09	3.87E+06	
PL-8	21/04/2017	21:07:50	0.0020510	0.0000002	0.0020213	8.03	0.12	0.44	1.88E+09	3.86E+06	
PL-9	21/04/2017	22:58:47	0.0020515	0.0000003	0.0020219	8.31	0.13	0.44	1.85E+09	3.78E+06	
Pl-B-6	22/04/2017	20:19:55	0.0020494	0.0000002	0.0020210	7.90	0.10	0.46	1.99E+09	4.08E+06	
			N	**5**							
			Mean	**8.09**	**Weighted Mean**		**8.09**				
			2SD	**0.44**	**Weighted 2SD**		**0.37**				
			2SE	**0.19**	**Weighted 2SE**		**0.17**				
30/01/2019&1/02/2019											
Mud Tank (Primary)											
Mud-setup-5	30/01/2019	16:14:22	0.0020120	0.0000002	0.0020150	4.87	0.33	0.11	1.67E+09	3.35E+06	20180929_De Gray (No. 3-34)
Mud-setup-6	30/01/2019	16:21:26	0.0020123	0.0000001	0.0020153	5.05	0.31	0.05	1.66E+09	3.35E+06	20180929_Mulgaria (No. 2-39)
Mud-setup-7	30/01/2019	19:13:08	0.0020114	0.0000004	0.0020147	4.72	0.36	0.17	1.64E+09	3.30E+06	20180929_Lake Wells (No. 5-48)
Mud-setup-8	30/01/2019	19:20:12	0.0020122	0.0000001	0.0020154	5.11	0.31	0.04	1.64E+09	3.31E+06	20180929_Lake Everard (No. 1-77)
Mud-setup-9	30/01/2019	21:57:19	0.0020116	0.0000002	0.0020150	4.89	0.33	0.10	1.64E+09	3.29E+06	20180929_Daly (No. 3-16)
Mud-setup-10	30/01/2019	22:04:23	0.0020123	0.0000001	0.0020158	5.27	0.31	0.06	1.64E+09	3.30E+06	20180930_Lake Carey (No. 1-37)
Mud-setup-11	31/01/2019	0:41:31	0.0020118	0.0000002	0.0020154	5.08	0.32	0.08	1.64E+09	3.30E+06	20180929_Lake Dumbleyung (No. 1-45)
Mud-setup-12	31/01/2019	0:48:35	0.0020122	0.0000003	0.0020157	5.25	0.35	0.17	1.65E+09	3.33E+06	20180929_Lake Brown (No. 1-5)
Mud-setup-13	31/01/2019	3:26:23	0.0020115	0.0000003	0.0020152	4.98	0.34	0.13	1.65E+09	3.33E+06	20180929_Lake Torrens (No. 1-24)
Mud-setup-14	31/01/2019	3:33:28	0.0020117	0.0000002	0.0020154	5.09	0.33	0.10	1.65E+09	3.33E+06	20180930_Nalla (No. 1-18)
Mud-setup-15	31/01/2019	4:54:11	0.0020115	0.0000003	0.0020152	4.98	0.34	0.15	1.65E+09	3.32E+06	20180929_Fitzroy (No. 1-24)
Mud-setup-16	31/01/2019	5:01:16	0.0020123	0.0000003	0.0020160	5.39	0.35	0.17	1.65E+09	3.32E+06	20180929_Lake Campion (No. 1-10)
Mud-setup-17	31/01/2019	5:45:13	0.0020114	0.0000001	0.0020152	4.98	0.32	0.06	1.63E+09	3.28E+06	20180929_Ashburton (No. 3-37)
Mud-setup-18	31/01/2019	5:52:18	0.0020119	0.0000003	0.0020157	5.22	0.33	0.13	1.64E+09	3.30E+06	20180427_Great Victoria Desert_CPL17 (No. 2-127)
Mud-setup-19	31/01/2019	8:43:44	0.0020114	0.0000003	0.0020152	4.98	0.34	0.13	1.65E+09	3.33E+06	20180427_Great Victoria Desert_CTJ20 (No. 9-166)
Mud-setup-20	31/01/2019	8:50:48	0.0020119	0.0000001	0.0020157	5.23	0.31	0.06	1.66E+09	3.33E+06	20180427_Little Sandy Desert_CTJ64 (No. 6-127)
Mud-setup-21	31/01/2019	11:42:18	0.0020108	0.0000002	0.0020146	4.71	0.33	0.12	1.66E+09	3.35E+06	20180930_Murry1 (No. 1-63)
Mud-setup-22	31/01/2019	11:49:22	0.0020117	0.0000005	0.0020156	5.17	0.39	0.23	1.68E+09	3.38E+06	20180930_Murry2 (No. 73-109)
Mud-setup-23	31/01/2019	14:43:04	0.0020108	0.0000004	0.0020146	4.69	0.37	0.21	1.67E+09	3.37E+06	20180929_Murrumbidgee (No. 14-129)
Mud-setup-24	31/01/2019	14:50:09	0.0020113	0.0000003	0.0020151	4.94	0.34	0.13	1.68E+09	3.38E+06	
Mud-setup-25	31/01/2019	17:01:56	0.0020110	0.0000003	0.0020148	4.78	0.34	0.14	1.68E+09	3.38E+06	
Mud-setup-26	31/01/2019	17:09:07	0.0020118	0.0000002	0.0020155	5.16	0.32	0.09	1.70E+09	3.42E+06	
Mud-setup-27	31/01/2019	19:13:34	0.0020115	0.0000003	0.0020152	4.98	0.35	0.16	1.69E+09	3.40E+06	

Mud-setup-30	31/01/2019	21:09:58	0.0020119	0.0000003	0.0020155	5.15	0.35	0.16	1.61E+09	3.25E+06	
Mud-setup-31	31/01/2019	22:49:44	0.0020112	0.0000005	0.0020147	4.75	0.38	0.23	1.69E+09	3.41E+06	
Mud-setup-32	31/01/2019	22:56:49	0.0020114	0.0000002	0.0020149	4.82	0.32	0.08	1.72E+09	3.47E+06	
Mud-setup-33	1/02/2019	0:46:28	0.0020115	0.0000002	0.0020149	4.85	0.32	0.09	1.66E+09	3.35E+06	
Mud-setup-34	1/02/2019	0:53:33	0.0020120	0.0000003	0.0020154	5.10	0.35	0.16	1.72E+09	3.47E+06	
Mud-setup-35	1/02/2019	2:34:15	0.0020121	0.0000003	0.0020154	5.07	0.33	0.13	1.72E+09	3.47E+06	
Mud-setup-36	1/02/2019	2:41:20	0.0020125	0.0000002	0.0020157	5.25	0.32	0.09	1.72E+09	3.46E+06	
Mud-setup-37	1/02/2019	4:23:33	0.0020124	0.0000002	0.0020155	5.15	0.32	0.08	1.73E+09	3.49E+06	
Mud-setup-38	1/02/2019	4:30:38	0.0020123	0.0000003	0.0020154	5.10	0.34	0.15	1.73E+09	3.49E+06	
Mud-setup-39	1/02/2019	6:32:41	0.0020123	0.0000004	0.0020153	5.02	0.37	0.20	1.75E+09	3.51E+06	
Mud-setup-40	1/02/2019	6:39:46	0.0020128	0.0000004	0.0020158	5.28	0.38	0.21	1.74E+09	3.49E+06	
Mud-setup-41	1/02/2019	8:21:33	0.0020126	0.0000002	0.0020153	5.06	0.33	0.10	1.75E+09	3.51E+06	
Mud-setup-42	1/02/2019	8:28:37	0.0020129	0.0000004	0.0020157	5.23	0.37	0.20	1.74E+09	3.49E+06	
Mud-setup-43	1/02/2019	10:17:32	0.0020123	0.0000003	0.0020149	4.83	0.34	0.13	1.75E+09	3.52E+06	
Mud-setup-44	1/02/2019	10:24:36	0.0020129	0.0000002	0.0020154	5.11	0.33	0.10	1.75E+09	3.51E+06	
Mud-setup-45	1/02/2019	12:39:54	0.0020128	0.0000003	0.0020152	4.97	0.34	0.13	1.63E+09	3.27E+06	
Mud-setup-46	1/02/2019	12:46:58	0.0020127	0.0000001	0.0020150	4.90	0.31	0.03	1.74E+09	3.50E+06	
			N	**40**							
			Mean	**5.02**	**Weighted Mean**		**5.03**				
			2SD	**0.35**	**Weighted 2SD**		**0.35**				
			2SE	**0.06**	**Weighted 2SE**		**0.06**				
R33											
R33-1	30/01/2019	16:28:53	0.0020127	0.0000003	0.0020157	5.22	0.34	0.14	1.68E+09	3.38E+06	
R33-2	30/01/2019	16:35:58	0.0020128	0.0000002	0.0020158	5.27	0.32	0.08	1.68E+09	3.38E+06	
R33-4	31/01/2019	4:24:33	0.0020135	0.0000002	0.0020172	5.99	0.33	0.11	1.66E+09	3.35E+06	
R33-9	31/01/2019	4:46:45	0.0020119	0.0000002	0.0020156	5.18	0.33	0.10	1.67E+09	3.36E+06	
R33-21	31/01/2019	6:06:47	0.0020120	0.0000002	0.0020158	5.27	0.33	0.10	1.66E+09	3.33E+06	
R33-22	31/01/2019	8:58:13	0.0020124	0.0000002	0.0020162	5.49	0.33	0.12	1.67E+09	3.36E+06	
R33-23	31/01/2019	9:05:18	0.0020111	0.0000003	0.0020149	4.84	0.34	0.13	1.67E+09	3.36E+06	
R33-24	31/01/2019	11:56:46	0.0020120	0.0000004	0.0020158	5.29	0.36	0.19	1.69E+09	3.40E+06	
R33-10	31/01/2019	12:03:56	0.0020126	0.0000003	0.0020165	5.61	0.34	0.14	1.70E+09	3.42E+06	
R33-26	31/01/2019	14:57:32	0.0020117	0.0000002	0.0020155	5.14	0.32	0.07	1.68E+09	3.38E+06	
R33-1	31/01/2019	19:28:24	0.0020118	0.0000002	0.0020155	5.14	0.32	0.09	1.73E+09	3.47E+06	
R33-2	31/01/2019	19:35:31	0.0020120	0.0000001	0.0020157	5.23	0.31	0.05	1.72E+09	3.46E+06	
R33-4	31/01/2019	23:04:35	0.0020131	0.0000003	0.0020166	5.67	0.35	0.17	1.70E+09	3.42E+06	
R33-5	1/02/2019	1:01:19	0.0020130	0.0000003	0.0020164	5.56	0.33	0.13	1.69E+09	3.39E+06	
R33-6	1/02/2019	2:49:05	0.0020137	0.0000001	0.0020170	5.87	0.31	0.06	1.70E+09	3.42E+06	
R33-7	1/02/2019	4:45:31	0.0020125	0.0000005	0.0020157	5.21	0.39	0.23	1.71E+09	3.45E+06	
R33-8	1/02/2019	6:47:31	0.0020131	0.0000004	0.0020160	5.40	0.37	0.20	1.72E+09	3.45E+06	
R33-9	1/02/2019	8:43:30	0.0020124	0.0000002	0.0020152	4.97	0.33	0.12	1.71E+09	3.44E+06	
R33-10	1/02/2019	10:39:29	0.0020117	0.0000002	0.0020142	4.50	0.33	0.11	1.71E+09	3.45E+06	
			N	**19**							
			Mean	**5.31**	**Weighted Mean**		**5.31**				
			2SD	**0.70**	**Weighted 2SD**		**0.68**				
			2SE	**0.16**	**Weighted 2SE**		**0.16**				
1&2/02/2019											
Mud Tank (Primary)											
Mud-setup-1	1/02/2019	14:12:14	0.0020130	0.0000003	0.0020156	5.21	0.32	0.14	1.76E+09	3.55E+06	20171201_Belyando (No. 3-138)
Mud-setup-2	1/02/2019	14:19:19	0.0020132	0.0000003	0.0020158	5.26	0.33	0.14	1.75E+09	3.53E+06	20171201_Flinders (No. 3-50)
Mud-setup-3	1/02/2019	15:45:29	0.0020126	0.0000001	0.0020149	4.82	0.30	0.06	1.76E+09	3.55E+06	20171201_Great Victoria Desert_BJ67-0.0536624942930525
Mud-setup-4	1/02/2019	15:52:33	0.0020128	0.0000002	0.0020150	4.89	0.32	0.11	1.75E+09	3.52E+06	20171201_Great Victoria Desert_BJ67 (No. 3-135)
Mud-setup-5	1/02/2019	17:19:06	0.0020130	0.0000005	0.0020150	4.88	0.38	0.23	1.76E+09	3.54E+06	
Mud-setup-6	1/02/2019	17:26:10	0.0020132	0.0000003	0.0020151	4.95	0.33	0.15	1.75E+09	3.52E+06	
Mud-setup-7	1/02/2019	19:14:01	0.0020138	0.0000002	0.0020157	5.23	0.32	0.12	1.76E+09	3.54E+06	
Mud-setup-8	1/02/2019	19:21:05	0.0020136	0.0000003	0.0020154	5.10	0.33	0.16	1.74E+09	3.50E+06	
Mud-setup-9	1/02/2019	20:54:38	0.0020134	0.0000001	0.0020154	5.06	0.30	0.04	1.74E+09	3.51E+06	
Mud-setup-10	1/02/2019	21:01:42	0.0020132	0.0000002	0.0020151	4.96	0.31	0.08	1.74E+09	3.51E+06	
Mud-setup-11	1/02/2019	22:10:06	0.0020136	0.0000002	0.0020157	5.22	0.31	0.11	1.74E+09	3.51E+06	
Mud-setup-12	1/02/2019	22:53:43	0.0020135	0.0000002	0.0020157	5.25	0.31	0.10	1.74E+09	3.50E+06	
Mud-setup-13	1/02/2019	23:00:47	0.0020134	0.0000004	0.0020156	5.21	0.35	0.19	1.72E+09	3.46E+06	
Mud-setup-14	1/02/2019	23:51:36	0.0020126	0.0000002	0.0020151	4.92	0.31	0.08	1.71E+09	3.43E+06	
Mud-setup-15	2/02/2019	0:35:08	0.0020125	0.0000003	0.0020152	4.98	0.33	0.14	1.68E+09	3.39E+06	
Mud-setup-16	2/02/2019	0:42:12	0.0020125	0.0000006	0.0020152	5.00	0.41	0.29	1.67E+09	3.37E+06	
Mud-setup-17	2/02/2019	1:25:53	0.0020121	0.0000003	0.0020151	4.96	0.32	0.13	1.67E+09	3.36E+06	
Mud-setup-18	2/02/2019	2:02:22	0.0020123	0.0000002	0.0020156	5.16	0.31	0.10	1.67E+09	3.36E+06	
Mud-setup-19	2/02/2019	2:09:27	0.0020118	0.0000003	0.0020152	4.97	0.33	0.14	1.67E+09	3.35E+06	
			N	**19**							
			Mean	**5.05**	**Weighted Mean**		**5.06**				
			2SD	**0.29**	**Weighted 2SD**		**0.28**				
			2SE	**0.07**	**Weighted 2SE**		**0.06**				
Temora 2											
TEM2-1	1/02/2019	14:26:54	0.0020203	0.0000001	0.0020229	8.82	0.30	0.05	1.52E+09	3.07E+06	
TEM2-2	1/02/2019	16:00:09	0.0020182	0.0000004	0.0020203	7.54	0.37	0.22	1.67E+09	3.37E+06	
TEM2-3	1/02/2019	17:33:34	0.0020187	0.0000004	0.0020207	7.70	0.36	0.20	1.61E+09	3.24E+06	
TEM2-5	1/02/2019	21:09:18	0.0020188	0.0000003	0.0020208	7.75	0.33	0.15	1.65E+09	3.32E+06	
TEM2-7	1/02/2019	23:08:24	0.0020186	0.0000005	0.0020209	7.84	0.38	0.24	1.64E+09	3.31E+06	
TEM2-8	2/02/2019	0:49:50	0.0020176	0.0000002	0.0020205	7.59	0.32	0.12	1.65E+09	3.34E+06	
TEM2-9	2/02/2019	2:17:05	0.0020179	0.0000005	0.0020213	7.99	0.40	0.26	1.63E+09	3.29E+06	
TEM2-10	2/02/2019	2:24:10	0.0020185	0.0000003	0.0020219	8.31	0.32	0.13	1.63E+09	3.29E+06	
			N	**8**							
			Mean	**7.94**	**Weighted Mean**		**7.98**				
			2SD	**0.86**	**Weighted 2SD**		**0.81**				
			2SE	**0.30**	**Weighted 2SE**		**0.29**				
2&3/04/2019											
Mud Tank (Primary)											
Mud-1	2/04/2019	16:23:42	0.00203045	0.00000054	0.00201522	5.00	0.27	0.71	1.98E+09	4.02E+06	20171130_Warburton (No. 8-89)
Mud-2	2/04/2019	16:33:47	0.00203138	0.00000047	0.00201613	5.45	0.23	0.70	1.94E+09	3.95E+06	20171130_Cooper (No. 5-71)
Mud-3	2/04/2019	17:30:48	0.00203099	0.00000048	0.00201575	5.26	0.24	0.70	1.95E+09	3.96E+06	20171201_Murchison (No. 3-115)
Mud-4	2/04/2019	18:27:28	0.00203102	0.00000040	0.00201578	5.28	0.20	0.69	1.98E+09	4.01E+06	
Mud-5	2/04/2019	19:15:04	0.00202993	0.00000054	0.00201470	4.74	0.27	0.71	2.00E+09	4.05E+06	
Mud-6	2/04/2019	19:57:31	0.00202996	0.00000039	0.00201473	4.75	0.19	0.68	1.98E+09	4.02E+06	
Mud-72	3/04/2019	3:59:46	0.00202923	0.00000049	0.00201400	4.39	0.24	0.70	1.99E+09	4.04E+06	
Mud-87	3/04/2019	4:45:49	0.00203164	0.00000046	0.00201640	5.58	0.22	0.69	1.94E+09	3.94E+06	
Mud-88	3/04/2019	5:25:17	0.00203017	0.00000043	0.00201494	4.86	0.21	0.69	1.99E+09	4.04E+06	
Mud-89	3/04/2019	6:04:45	0.00203009	0.00000049	0.00201486	4.82	0.24	0.70	2.01E+09	4.07E+06	
Mud-90	3/04/2019	6:50:52	0.00202989	0.00000063	0.00201466	4.72	0.31	0.73	1.97E+09	4.00E+06	
Mud-91	3/04/2019	7:30:24	0.00203130	0.00000033	0.00201605	5.41	0.16	0.68	1.98E+09	4.01E+06	
Mud-92	3/04/2019	8:16:35	0.00203045	0.00000054	0.00201521	4.99	0.27	0.71	1.99E+09	4.04E+06	
Mud-86	3/04/2019	8:56:08	0.00202964	0.00000037	0.00201441	4.59	0.18	0.68	1.97E+09	4.00E+06	
Mud-93	3/04/2019	9:02:39	0.00203011	0.00000086	0.00201487	4.82	0.42	0.78	1.99E+09	4.04E+06	
Mud-94	3/04/2019	9:48:46	0.00203183	0.00000040	0.00201659	5.68	0.20	0.69	1.97E+09	3.99E+06	
Mud-95	3/04/2019	10:28:12	0.00203083	0.00000039	0.00201559	5.18	0.19	0.68	1.98E+09	4.02E+06	
Mud-96	3/04/2019	11:14:22	0.00203037	0.00000044	0.00201513	4.95	0.22	0.69	2.03E+09	4.13E+06	
Mud-97	3/04/2019	11:53:54	0.00203031	0.00000054	0.00201507	4.92	0.26	0.71	2.00E+09	4.05E+06	
Mud-98	3/04/2019	12:33:27	0.00203028	0.00000044	0.00201505	4.91	0.21	0.69	1.97E+09	4.01E+06	
Mud-99	3/04/2019	13:19:41	0.00203082	0.00000056	0.00201558	5.17	0.28	0.71	2.01E+09	4.08E+06	
			N	**21**							
			Mean	**5.02**	**Weighted Mean**		**5.06**				
			2SD	**0.67**	**Weighted 2SD**		**0.66**				
			2SE	**0.15**	**Weighted 2SE**		**0.14**				
R33											
R33-1	2/04/2019	17:39:17	0.00203197	0.00000048	0.00201672	5.75	0.23	0.70	1.91E+09	3.88E+06	
R33-16	2/04/2019	21:33:37	0.00203132	0.00000044	0.00201608	5.42	0.22	0.69	1.99E+09	4.05E+06	
R33-17	2/04/2019	22:17:35	0.00203160	0.00000037	0.00201636	5.56	0.18	0.68	2.02E+09	4.10E+06	
R33-19	2/04/2019	23:23:55	0.00203219	0.00000074	0.00201694	5.85	0.36	0.75	1.93E+09	3.93E+06	
R33-20	2/04/2019	23:45:56	0.00203089	0.00000043	0.00201565	5.21	0.21	0.69	1.99E+09	4.04E+06	
R33-22	3/04/2019	0:52:55	0.00203100	0.00000034	0.00201576	5.26	0.17	0.68	1.99E+09	4.03E+06	
R33-24	3/04/2019	1:29:33	0.00203016	0.00000040	0.00201493	4.85	0.20	0.69	2.00E+09	4.06E+06	
R33-27	3/04/2019	2:34:50	0.00203160	0.00000046	0.00201636	5.56	0.23	0.69	1.98E+09	4.03E+06	
R33-26	3/04/2019	3:13:56	0.00203141	0.00000046	0.00201617	5.47	0.23	0.69	1.98E+09	4.03E+06	
R33-29	3/04/2019	3:46:41	0.00203084	0.00000051	0.00201560	5.19	0.25	0.70	1.99E+09	4.04E+06	
R33-25	3/04/2019	4:39:15	0.00203094	0.00000038	0.00201570	5.24	0.19	0.68	1.97E+09	4.00E+06	
R33-26	3/04/2019	6:11:20	0.00203301	0.00000054	0.00201776	6.26	0.26	0.71	1.92E+09	3.90E+06	
R33-27	3/04/2019	7:36:58	0.00203289	0.00000031	0.00201764	6.20	0.15	0.67	1.96E+09	3.99E+06	

R33-28	3/04/2019	9:09:14	0.00203183	0.00000048	0.00201659	5.68	0.24	0.70	1.93E+09	3.93E+06	
R33-21	3/04/2019	10:34:48	0.00203086	0.00000033	0.00201562	5.20	0.16	0.68	1.95E+09	3.97E+06	
			N	**15**							
			Mean	**5.51**	**Weighted Mean**		**5.49**				
			2SD	**0.78**	**Weighted 2SD**		**0.75**				
			2SE	**0.20**	**Weighted 2SE**		**0.19**				
14/01/2020											
R33 (Primary)											
R33-1	14/01/2020	9:12:14	0.0020390	0.0000003	0.0020155	5.14	0.15	0.61	1.93E+09	3.93E+06	20180929_Daly-1
R33-10	14/01/2020	14:59:29	0.0020399	0.0000003	0.0020163	5.55	0.17	0.62	1.90E+09	3.87E+06	20180929_De Grey (No. 4&17)
R33-11	14/01/2020	15:06:19	0.0020402	0.0000007	0.0020167	5.73	0.34	0.68	1.90E+09	3.88E+06	20180929_Lake Campion (No. 3&4)
R33-12	14/01/2020	15:54:52	0.0020393	0.0000004	0.0020157	5.25	0.21	0.63	1.91E+09	3.90E+06	20180929_Lake Dumbleyung (No. 24-53)
R33-13	14/01/2020	16:01:43	0.0020390	0.0000003	0.0020154	5.10	0.15	0.61	1.90E+09	3.88E+06	20180929_Lake Everard (No. 2-50)
R33-15	14/01/2020	10:40:54	0.0020399	0.0000006	0.0020164	5.57	0.29	0.66	1.93E+09	3.94E+06	20180929_Lake Torrens (No. 3&7&17)
R33-2	14/01/2020	9:19:06	0.0020395	0.0000003	0.0020160	5.36	0.15	0.61	1.91E+09	3.89E+06	20180929_Lake Wells (No. 42)
R33-3	14/01/2020	9:25:56	0.0020403	0.0000002	0.0020168	5.77	0.12	0.60	1.91E+09	3.90E+06	20180929_Mulgaria (No. 10&19&37)
R33-5	14/01/2020	11:27:43	0.0020403	0.0000003	0.0020167	5.75	0.14	0.61	1.94E+09	3.95E+06	20180929_Victoria (No. 6)
R33-6	14/01/2020	12:16:43	0.0020404	0.0000002	0.0020169	5.81	0.11	0.60	1.93E+09	3.94E+06	20180930_Lake Carey (No. 8&21&32)
R33-9b	14/01/2020	14:22:09	0.0020405	0.0000005	0.0020169	5.85	0.23	0.64	1.96E+09	3.99E+06	20180930_Murray1 (No. 21)
			N	**11**							20180930_Murray2 (No. 68)
			Mean	**5.54**	**Weighted Mean**		**5.55**				20180930_Nalla (No. 11)
			2SD	**0.56**	**Weighted 2SD**		**0.53**				
			2SE	**0.17**	**Weighted 2SE**		**0.16**				
Mud Tank											
Mud_Tank-3	14/01/2020	11:35:00	0.0020379	0.0000005	0.0020144	4.58	0.26	0.65	1.95E+09	3.97E+06	
Mud_Tank-5	14/01/2020	15:13:15	0.0020386	0.0000004	0.0020151	4.91	0.18	0.62	1.90E+09	3.87E+06	
Mud_Tank-6	14/01/2020	16:08:38	0.0020393	0.0000011	0.0020158	5.28	0.56	0.81	1.89E+09	3.86E+06	
			N	**3**							
			Mean	**4.93**	**Weighted Mean**		**4.84**				
			2SD	**0.70**	**Weighted 2SD**		**0.83**				
			2SE	**0.40**	**Weighted 2SE**		**0.48**				
14&15/01/2020											
R33 (Primary)											
R33-1	14/01/2020	18:00:27	0.0020410	0.0000006	0.0020171	5.93	0.29	0.51	1.80E+09	3.68E+06	20180930_Murrumbidgee (No. 22-118)
R33-2	14/01/2020	18:07:17	0.0020402	0.0000009	0.0020163	5.53	0.46	0.62	1.84E+09	3.75E+06	20180427_Great Sandy Desert_CTJ64 (No. 4-83)
R33-3	14/01/2020	18:14:06	0.0020406	0.0000004	0.0020167	5.75	0.18	0.45	1.87E+09	3.82E+06	20180427_Great Victoria Desert_CPL17 (No. 6-120)
R33-4	14/01/2020	19:03:01	0.0020403	0.0000002	0.0020164	5.57	0.11	0.43	1.90E+09	3.87E+06	
R33-5	14/01/2020	19:30:30	0.0020399	0.0000011	0.0020160	5.40	0.52	0.67	1.88E+09	3.84E+06	
R33-6	14/01/2020	20:04:55	0.0020403	0.0000002	0.0020164	5.60	0.11	0.43	1.88E+09	3.84E+06	
R33-7	14/01/2020	20:32:26	0.0020405	0.0000003	0.0020166	5.69	0.15	0.44	1.90E+09	3.87E+06	
R33-8	14/01/2020	21:06:49	0.0020403	0.0000002	0.0020164	5.60	0.10	0.43	1.88E+09	3.83E+06	
R33-9	14/01/2020	21:34:29	0.0020409	0.0000003	0.0020171	5.91	0.17	0.45	1.86E+09	3.80E+06	
R33-10	14/01/2020	22:08:53	0.0020404	0.0000004	0.0020165	5.63	0.22	0.47	1.86E+09	3.80E+06	
R33-11	14/01/2020	22:44:16	0.0020406	0.0000004	0.0020167	5.74	0.17	0.45	1.86E+09	3.79E+06	
R33-12	14/01/2020	23:18:50	0.0020395	0.0000003	0.0020156	5.18	0.13	0.43	1.86E+09	3.79E+06	
R33-13	14/01/2020	23:46:24	0.0020397	0.0000008	0.0020158	5.30	0.40	0.58	1.85E+09	3.78E+06	
R33-14	15/01/2020	0:21:02	0.0020399	0.0000004	0.0020160	5.40	0.21	0.47	1.86E+09	3.80E+06	
R33-15	15/01/2020	0:48:51	0.0020403	0.0000003	0.0020164	5.58	0.14	0.44	1.85E+09	3.78E+06	
R33-16	15/01/2020	1:30:17	0.0020389	0.0000005	0.0020151	4.92	0.27	0.49	1.84E+09	3.75E+06	
R33-17	15/01/2020	2:04:53	0.0020404	0.0000007	0.0020165	5.66	0.34	0.54	1.83E+09	3.73E+06	
R33-18	15/01/2020	2:11:43	0.0020396	0.0000003	0.0020158	5.27	0.17	0.45	1.81E+09	3.70E+06	
R33-20	15/01/2020	2:18:34	0.0020400	0.0000003	0.0020161	5.45	0.14	0.44	1.82E+09	3.71E+06	
			N	**19**							
			Mean	**5.53**	**Weighted Mean**		**5.55**				
			2SD	**0.50**	**Weighted 2SD**		**0.49**				
			2SE	**0.11**	**Weighted 2SE**		**0.11**				
Mud Tank											
Mud Tank-1.1	14/01/2020	18:21:20	0.0020392	0.0000004	0.0020154	5.07	0.20	0.46	1.88E+09	3.83E+06	
Mud_Tank-1.2	14/01/2020	18:28:09	0.0020396	0.0000004	0.0020157	5.23	0.22	0.47	1.88E+09	3.84E+06	
Mud_Tank-7	14/01/2020	18:35:00	0.0020398	0.0000003	0.0020159	5.34	0.13	0.43	1.91E+09	3.90E+06	
Mud_Tank-2	14/01/2020	19:37:21	0.0020390	0.0000003	0.0020152	4.96	0.13	0.43	1.89E+09	3.85E+06	
Mud_Tank-3.1	14/01/2020	20:39:17	0.0020391	0.0000005	0.0020153	5.01	0.22	0.47	1.86E+09	3.79E+06	
Mud_Tank-3.2	14/01/2020	21:41:21	0.0020396	0.0000002	0.0020157	5.25	0.10	0.43	1.85E+09	3.77E+06	
Mud_Tank-4	14/01/2020	22:51:11	0.0020393	0.0000005	0.0020154	5.09	0.25	0.49	1.85E+09	3.78E+06	
Mud_Tank-5	14/01/2020	23:53:21	0.0020395	0.0000002	0.0020157	5.21	0.12	0.43	1.84E+09	3.76E+06	
Mud_Tank-6	15/01/2020	0:55:48	0.0020385	0.0000003	0.0020146	4.69	0.15	0.44	1.84E+09	3.75E+06	
Mud_Tank-8	15/01/2020	1:37:12	0.0020389	0.0000003	0.0020150	4.90	0.15	0.44	1.83E+09	3.74E+06	
Mud_Tank-9	15/01/2020	2:25:26	0.0020386	0.0000002	0.0020148	4.76	0.11	0.43	1.81E+09	3.70E+06	
Mud_Tank-10	15/01/2020	2:32:18	0.0020382	0.0000004	0.0020144	4.57	0.20	0.46	1.81E+09	3.69E+06	
Mud_Tank-11	15/01/2020	2:39:07	0.0020387	0.0000003	0.0020148	4.80	0.14	0.44	1.82E+09	3.71E+06	
			N	**13**							
			Mean	**4.99**	**Weighted Mean**		**5.01**				
			2SD	**0.47**	**Weighted 2SD**		**0.46**				
			2SE	**0.13**	**Weighted 2SE**		**0.13**				
28/09/2020											
Mud Tank (Primary)											
Mudtank_1.1	28/09/2020	10:47:09	0.0020317	0.0000001	0.0020152	4.98	0.07	0.40	1.73E+09	3.51E+06	20201009_Lake Brown (No. A1&A2)
Mudtank_3.1	28/09/2020	11:00:46	0.0020318	0.0000004	0.0020153	5.04	0.18	0.43	1.70E+09	3.46E+06	20201009_Nalla Creek (No. A1-A4)
Mudtank_5.1	28/09/2020	11:28:11	0.0020325	0.0000011	0.0020160	5.37	0.54	0.67	1.69E+09	3.44E+06	20180930_Nalla Creek (No. 7-17)
Mudtank_5.2	28/09/2020	11:34:58	0.0020324	0.0000002	0.0020159	5.33	0.12	0.41	1.69E+09	3.44E+06	20180929_Lake Campion (No. 3-11)
Mudtank_4.1	28/09/2020	13:39:23	0.0020313	0.0000003	0.0020149	4.81	0.17	0.43	1.64E+09	3.34E+06	20201009_Lake Campion (No. A1-A4)
Mudtank_6.1	28/09/2020	13:46:11	0.0020320	0.0000004	0.0020156	5.16	0.21	0.45	1.62E+09	3.29E+06	20180930_Lake Carey (No. 3-40)
Mudtank_8	28/09/2020	14:48:14	0.0020313	0.0000002	0.0020148	4.77	0.11	0.41	1.60E+09	3.25E+06	20201009_Lake Carey (No. A1-A8)
Mudtank_30	28/09/2020	14:55:08	0.0020317	0.0000006	0.0020153	5.02	0.32	0.51	1.71E+09	3.47E+06	20201009_Lake Wells (No. A1-A12)
Mudtank_8.1	28/09/2020	15:36:20	0.0020321	0.0000005	0.0020156	5.21	0.24	0.46	1.65E+09	3.36E+06	20180929_Lake Wells (No.22-41)
Mudtank_9	28/09/2020	16:17:46	0.0020315	0.0000006	0.0020150	4.89	0.28	0.48	1.63E+09	3.32E+06	20180929_Lake Dumbleyung (No. 3-53)
Mudtank_10	28/09/2020	16:24:34	0.0020320	0.0000002	0.0020155	5.16	0.12	0.41	1.66E+09	3.37E+06	20201009_Lake Dumbleyung (No. A1-A4)
Mudtank_11	28/09/2020	16:58:47	0.0020322	0.0000005	0.0020157	5.26	0.25	0.47	1.64E+09	3.33E+06	
Mudtank_12	28/09/2020	17:39:58	0.0020309	0.0000006	0.0020144	4.60	0.32	0.50	1.65E+09	3.35E+06	
Mudtank_14	28/09/2020	18:20:58	0.0020316	0.0000003	0.0020151	4.95	0.14	0.42	1.63E+09	3.31E+06	
Mudtank_15	28/09/2020	19:02:02	0.0020320	0.0000004	0.0020155	5.15	0.20	0.44	1.58E+09	3.21E+06	
Mudtank_16	28/09/2020	19:36:13	0.0020311	0.0000002	0.0020146	4.68	0.11	0.41	1.59E+09	3.24E+06	
Mudtank_18	28/09/2020	20:24:07	0.0020321	0.0000002	0.0020156	5.17	0.08	0.40	1.54E+09	3.14E+06	
Mudtank_19	28/09/2020	20:58:25	0.0020321	0.0000011	0.0020157	5.21	0.57	0.69	1.54E+09	3.12E+06	
Mudtank_20	28/09/2020	21:39:53	0.0020317	0.0000006	0.0020153	5.01	0.30	0.49	1.54E+09	3.14E+06	
Mudtank_21	28/09/2020	22:14:12	0.0020313	0.0000005	0.0020148	4.81	0.24	0.46	1.53E+09	3.10E+06	
Mudtank_22	28/09/2020	22:21:00	0.0020316	0.0000003	0.0020151	4.96	0.16	0.43	1.52E+09	3.10E+06	
Mudtank_23	28/09/2020	22:55:36	0.0020321	0.0000004	0.0020156	5.18	0.22	0.45	1.53E+09	3.11E+06	
Mudtank_24	28/09/2020	23:29:44	0.0020311	0.0000005	0.0020146	4.69	0.23	0.45	1.50E+09	3.04E+06	
Mudtank_25	29/09/2020	0:10:46	0.0020321	0.0000004	0.0020156	5.21	0.22	0.45	1.50E+09	3.04E+06	
Mudtank_27	29/09/2020	0:51:49	0.0020320	0.0000006	0.0020155	5.13	0.29	0.49	1.53E+09	3.10E+06	
Mudtank_28	29/09/2020	1:32:51	0.0020322	0.0000005	0.0020157	5.24	0.27	0.48	1.51E+09	3.06E+06	
Mudtank_28.1	29/09/2020	2:00:21	0.0020321	0.0000002	0.0020156	5.17	0.12	0.41	1.49E+09	3.03E+06	
Mudtank_31	29/09/2020	2:41:51	0.0020325	0.0000011	0.0020160	5.37	0.56	0.69	1.42E+09	2.89E+06	
Mudtank_32	29/09/2020	2:48:39	0.0020310	0.0000006	0.0020146	4.66	0.28	0.49	1.48E+09	3.01E+06	
Mudtank_33	29/09/2020	2:55:28	0.0020321	0.0000004	0.0020156	5.18	0.18	0.43	1.49E+09	3.02E+06	
			N	**30**							
			Mean	**5.05**	**Weighted Mean**		**5.03**				
			2SD	**0.44**	**Weighted 2SD**		**0.43**				
			2SE	**0.08**	**Weighted 2SE**		**0.08**				
R33											
R33_1.1	28/09/2020	11:07:42	0.0020329	0.0000006	0.0020164	5.59	0.29	0.49	1.71E+09	3.48E+06	
R33_3.1	28/09/2020	11:21:18	0.0020331	0.0000007	0.0020166	5.68	0.33	0.51	1.75E+09	3.55E+06	
R33_4.1	28/09/2020	14:00:19	0.0020332	0.0000002	0.0020167	5.72	0.10	0.40	1.66E+09	3.37E+06	
R33_6	28/09/2020	14:07:08	0.0020324	0.0000004	0.0020159	5.33	0.18	0.43	1.70E+09	3.45E+06	
R33_8	28/09/2020	14:13:56	0.0020329	0.0000003	0.0020164	5.58	0.17	0.43	1.73E+09	3.52E+06	
R33_23	28/09/2020	15:02:02	0.0020329	0.0000008	0.0020164	5.58	0.39	0.55	1.74E+09	3.54E+06	
R33-5.1	28/09/2020	15:43:25	0.0020333	0.0000003	0.0020168	5.78	0.16	0.43	1.72E+09	3.51E+06	
R33_7	28/09/2020	17:05:43	0.0020335	0.0000003	0.0020169	5.86	0.13	0.41	1.67E+09	3.39E+06	
R33_9	28/09/2020	18:27:53	0.0020324	0.0000003	0.0020159	5.35	0.17	0.43	1.65E+09	3.35E+06	
R33_10	28/09/2020	19:43:08	0.0020328	0.0000002	0.0020164	5.56	0.10	0.41	1.60E+09	3.25E+06	
R33_11	28/09/2020	21:05:21	0.0020312	0.0000011	0.0020147	4.72	0.56	0.69	1.46E+09	2.97E+06	
R33_12	28/09/2020	22:27:57	0.0020316	0.0000005	0.0020151	4.94	0.26	0.47	1.57E+09	3.19E+06	
R33_12.1	28/09/2020	23:36:39	0.0020327	0.0000005	0.0020162	5.49	0.24	0.46	1.58E+09	3.22E+06	

R33_13	29/09/2020	0:58:45	0.0020327	0.0000004	0.0020162	5.47	0.19	0.44	1.54E+09	3.12E+06	
R33_14	29/09/2020	2:14:02	0.0020325	0.0000006	0.0020160	5.39	0.31	0.50	1.61E+09	3.28E+06	
R33_25	29/09/2020	3:09:35	0.0020324	0.0000005	0.0020159	5.33	0.27	0.48	1.53E+09	3.11E+06	
			N	**16**							
			Mean	**5.46**	**Weighted Mean**		**5.58**				
			2SD	**0.59**	**Weighted 2SD**		**0.62**				
			2SE	**0.15**	**Weighted 2SE**		**0.15**				
29/09/2020											
TEM2_2	29/09/2020	10:21:04	0.0020379	0.0000001	0.0020210	7.87	0.07	0.46	2.10E+09	4.28E+06	20171201_Great Victoria Desert_BJ67 (No. 1&10)
TEM2_3	29/09/2020	10:27:52	0.0020387	0.0000004	0.0020217	8.23	0.22	0.51	2.05E+09	4.19E+06	20171202_Great Victoria Desert_BJ67 (No.17-141)
TEM2_4	29/09/2020	11:22:42	0.0020388	0.0000002	0.0020217	8.22	0.10	0.47	2.02E+09	4.11E+06	20171202_Great Victoria Desert_BJ67 (No. A1-A5)
TEM2_5	29/09/2020	12:04:26	0.0020388	0.0000001	0.0020215	8.15	0.07	0.46	2.00E+09	4.09E+06	
TEM2_6	29/09/2020	12:59:58	0.0020422	0.0000004	0.0020248	9.79	0.22	0.51	1.79E+09	3.65E+06	
TEM2_7	29/09/2020	13:41:19	0.0020393	0.0000004	0.0020218	8.30	0.22	0.51	2.08E+09	4.25E+06	
TEM2_6.1	29/09/2020	13:50:57	0.0020406	0.0000007	0.0020230	8.88	0.34	0.57	1.87E+09	3.81E+06	
TEM2_20	29/09/2020	14:02:09	0.0020393	0.0000002	0.0020217	8.23	0.08	0.46	2.02E+09	4.12E+06	
TEM2_21	29/09/2020	14:43:14	0.0020394	0.0000006	0.0020217	8.25	0.28	0.53	2.00E+09	4.08E+06	
TEM2_22	29/09/2020	14:50:02	0.0020387	0.0000007	0.0020210	7.87	0.34	0.57	1.95E+09	3.98E+06	
TEM2_26	29/09/2020	14:56:50	0.0020393	0.0000002	0.0020216	8.18	0.12	0.47	2.00E+09	4.07E+06	
TEM2_27	29/09/2020	15:31:07	0.0020388	0.0000003	0.0020210	7.90	0.17	0.49	1.91E+09	3.90E+06	
TEM2_28	29/09/2020	15:37:55	0.0020391	0.0000002	0.0020213	8.04	0.12	0.47	1.95E+09	3.98E+06	
TEM2_23	29/09/2020	16:33:19	0.0020395	0.0000001	0.0020215	8.13	0.03	0.46	1.99E+09	4.06E+06	
TEM2_17	29/09/2020	17:06:21	0.0020401	0.0000001	0.0020221	8.40	0.07	0.46	2.00E+09	4.08E+06	
TEM2_16	29/09/2020	18:01:04	0.0020400	0.0000003	0.0020217	8.25	0.16	0.48	2.03E+09	4.13E+06	
TEM2_29	29/09/2020	18:07:56	0.0020397	0.0000004	0.0020215	8.12	0.21	0.50	2.04E+09	4.16E+06	
TEM2_10	29/09/2020	18:55:43	0.0020407	0.0000002	0.0020223	8.54	0.10	0.47	2.07E+09	4.23E+06	
TEM2_24	29/09/2020	19:02:34	0.0020403	0.0000006	0.0020219	8.35	0.28	0.54	2.11E+09	4.30E+06	
TEM2_11	29/09/2020	19:50:19	0.0020403	0.0000002	0.0020218	8.29	0.11	0.47	2.07E+09	4.23E+06	
TEM2_25	29/09/2020	19:57:09	0.0020403	0.0000006	0.0020217	8.25	0.29	0.54	2.08E+09	4.24E+06	
TEM2_30	29/09/2020	20:03:59	0.0020416	0.0000020	0.0020230	8.90	0.97	1.07	2.03E+09	4.14E+06	
TEM2_12	29/09/2020	20:51:43	0.0020406	0.0000002	0.0020219	8.35	0.10	0.47	2.01E+09	4.10E+06	
TEM2_14	29/09/2020	20:58:31	0.0020402	0.0000002	0.0020215	8.11	0.08	0.46	2.06E+09	4.21E+06	
TEM2_18	29/09/2020	21:53:03	0.0020407	0.0000007	0.0020218	8.30	0.35	0.58	1.96E+09	4.01E+06	
TEM2_19	29/09/2020	21:59:51	0.0020404	0.0000002	0.0020215	8.14	0.11	0.47	2.05E+09	4.17E+06	
			N	**26**							
			Mean	**8.31**	**Weighted Mean**		**8.19**				
			2SD	**0.78**	**Weighted 2SD**		**0.80**				
			2SE	**0.15**	**Weighted 2SE**		**0.16**				
Mudtank_1	29/09/2020	9:53:49	0.0020332	0.0000003	0.0020164	5.58	0.16	0.48	2.00E+09	4.07E+06	
Mudtank_2	29/09/2020	10:00:38	0.0020312	0.0000007	0.0020143	4.55	0.37	0.59	1.91E+09	3.88E+06	
Mudtank_3	29/09/2020	10:07:26	0.0020317	0.0000004	0.0020148	4.79	0.19	0.50	1.98E+09	4.01E+06	
Mudtank_4	29/09/2020	11:08:59	0.0020330	0.0000013	0.0020160	5.37	0.63	0.78	1.74E+09	3.54E+06	
Mudtank_7	29/09/2020	12:53:08	0.0020337	0.0000007	0.0020164	5.57	0.35	0.58	1.97E+09	4.01E+06	
Mudtank_8	29/09/2020	13:34:18	0.0020317	0.0000009	0.0020143	4.53	0.43	0.63	1.95E+09	3.96E+06	
Mudtank_21	29/09/2020	14:08:59	0.0020323	0.0000002	0.0020148	4.76	0.11	0.47	2.06E+09	4.18E+06	
Mudtank_26	29/09/2020	14:36:22	0.0020321	0.0000004	0.0020145	4.64	0.19	0.50	1.93E+09	3.92E+06	
Mudtank_22	29/09/2020	15:24:16	0.0020341	0.0000007	0.0020164	5.59	0.36	0.58	1.79E+09	3.64E+06	
Mudtank_23	29/09/2020	16:19:25	0.0020343	0.0000002	0.0020164	5.57	0.08	0.46	2.00E+09	4.07E+06	
Mudtank_23.1	29/09/2020	16:59:31	0.0020338	0.0000002	0.0020158	5.28	0.09	0.47	1.81E+09	3.68E+06	
Mudtank_10	29/09/2020	17:40:34	0.0020344	0.0000002	0.0020163	5.55	0.07	0.46	2.06E+09	4.20E+06	
Mudtank_11	29/09/2020	17:47:23	0.0020333	0.0000004	0.0020152	4.97	0.19	0.49	2.07E+09	4.21E+06	
Mudtank_12	29/09/2020	18:42:03	0.0020341	0.0000003	0.0020158	5.28	0.13	0.47	2.11E+09	4.30E+06	
Mudtank_24	29/09/2020	18:48:53	0.0020337	0.0000003	0.0020154	5.09	0.14	0.48	2.10E+09	4.26E+06	
Mudtank_13	29/09/2020	19:36:40	0.0020344	0.0000005	0.0020160	5.39	0.24	0.52	2.07E+09	4.22E+06	
Mudtank_14	29/09/2020	19:43:27	0.0020338	0.0000003	0.0020154	5.09	0.14	0.48	2.11E+09	4.30E+06	
Mudtank_15	29/09/2020	20:38:05	0.0020347	0.0000005	0.0020161	5.46	0.25	0.52	2.09E+09	4.26E+06	
Mudtank_16	29/09/2020	20:44:53	0.0020347	0.0000003	0.0020161	5.43	0.16	0.49	2.08E+09	4.23E+06	
Mudtank_17	29/09/2020	21:32:38	0.0020341	0.0000004	0.0020154	5.08	0.20	0.50	1.70E+09	3.47E+06	
Mudtank_18	29/09/2020	21:39:25	0.0020337	0.0000004	0.0020150	4.88	0.21	0.50	2.03E+09	4.13E+06	
Mudtank_20	29/09/2020	21:46:14	0.0020346	0.0000006	0.0020159	5.32	0.32	0.56	2.04E+09	4.16E+06	
			N	**22**							
			Mean	**5.17**	**Weighted Mean**		**5.27**				
			2SD	**0.71**	**Weighted 2SD**		**0.72**				
			2SE	**0.15**	**Weighted 2SE**		**0.15**				

*: Raw $^{18}O/^{16}O$ ratio, corrected for background and EISIE but not instrumental mass fractionation.

†: True $^{18}O/^{16}O$ ratio, corrected for background, EISIE and/or instrumental mass fractionation.

‡: $\delta^{18}O$ (permil) = (($^{18}O/^{16}O_{true}$)/($^{18}O/^{16}O_{VSMOW}$)-1)*1000, where $^{18}O/^{16}O_{true}$ is the background, EISIE, and IMF corrected $^{18}O/^{16}O$ ratio, and ($^{18}O/^{16}O)_{VSMOW}$ is the reference value (0.0020052; Baertschi, 1976).

§: Spot uncertainty combines the and the reproducibility (weighted 2SD) of the primary reference zircon, added in quadrature.

References:

Baertschi, P. (1976) Absolute18O content of standard mean ocean water. Earth and Planetary Science Letters 31, 341-344.

Table 5.5 Lu-Hf isotopic data for selected detrital zircons from Australia analyzed in this study.

Sample ID	Best age	2SE	$^{176}Lu/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf$	2SE	$^{176}Hf/^{177}Hf_{(t)}$	$\varepsilon Hf_{(t)}$	$\delta^{18}O_{VSMOW}$	$^{176}Lu/^{177}Hf_{(crust)}$*	Hf model age (Ma)†			Incubation time	Juvenile
											$T_{average}$	T_{upper}	T_{lower}		
20071121_Great Victoria Desert_CPL61-12	623	21	0.00113	0.00070	0.282540	0.000058	0.282527	4.8	5.88	0.021	1160	1454	623	537	juvenile
20071121_Great Victoria Desert_CPL61-13	1705	39	0.00107	0.00069	0.281770	0.000052	0.281735	1.3	6.35	0.020	2166	2355	1741	460	
20071121_Great Victoria Desert_CPL61-14	1703	40	0.00192	0.00070	0.281690	0.000055	0.281628	-2.5	7.88	0.015	2314	2466	1973	610	
20071121_Great Victoria Desert_CPL61-17	1192	37	0.00060	0.00069	0.282000	0.000048	0.281986	-1.5	8.41	0.013	1810	1980	1429	617	
20071121_Great Victoria Desert_CPL61-19	1166	33	0.00056	0.00069	0.282110	0.000051	0.282098	1.9	6.12	0.020	1756	1994	1222	589	
20071121_Great Victoria Desert_CPL61-20	1157	35	0.00046	0.00069	0.282090	0.000046	0.282080	1.0	5.00	0.021	1844	2092	1288	687	
20071121_Great Victoria Desert_CPL61-22	2780	62	0.00420	0.00069	0.281300	0.000065	0.281076	2.9	5.33	0.021	2880	3003	2780	100	juvenile
20071121_Great Victoria Desert_CPL61-23	1057	34	0.00048	0.00069	0.282060	0.000045	0.282050	-2.3	4.08	0.021	2056	2310	1484	998	
20071121_Great Victoria Desert_CPL61-26	1173	30	0.00124	0.00069	0.282070	0.000048	0.282043	0.1	9.55	0.010	1639	1790	1301	466	
20071121_Great Victoria Desert_CPL61-27	1664	40	0.00044	0.00069	0.281630	0.000049	0.281616	-3.9	8.51	0.013	2312	2455	1993	648	
20071121_Great Victoria Desert_CPL61-37	1149	42	0.00078	0.00069	0.282110	0.000047	0.282093	1.3	6.52	0.019	1749	1974	1246	600	
20071121_Great Victoria Desert_CPL61-38	1212	35	0.00026	0.00069	0.281960	0.000043	0.281954	-2.2	7.76	0.015	1922	2105	1511	709	
20071121_Great Victoria Desert_CPL61-39	1186	30	0.00047	0.00069	0.282120	0.000045	0.282109	2.7	5.48	0.021	1719	1965	1186	533	juvenile
20071121_Great Victoria Desert_CPL61-55	1798	42	0.00056	0.00069	0.281520	0.000047	0.281501	-4.9	8.07	0.014	2514	2657	2194	716	
20071121_Great Victoria Desert_CPL61-60	1655	41	0.00055	0.00070	0.281610	0.000046	0.281593	-4.9	8.27	0.014	2385	2532	2055	730	
20071121_Great Victoria Desert_CPL61-63	1229	50	0.00086	0.00069	0.282130	0.000045	0.282110	3.7	7.05	0.017	1591	1794	1229	362	
20071121_Great Victoria Desert_CPL61-76	1155	48	0.00052	0.00069	0.282060	0.000045	0.282049	-0.1	8.00	0.015	1730	1911	1323	575	
20071121_Great Victoria Desert_CPL61-83	1234	40	0.00061	0.00069	0.281990	0.000048	0.281976	-0.9	7.63	0.016	1869	2055	1453	635	
20071121_Great Victoria Desert_CPL61-87	1194	34	0.00038	0.00069	0.281950	0.000045	0.281941	-3.0	7.31	0.017	2011	2207	1572	817	
20071121_Great Victoria Desert_CPL61-89	971	40	0.00077	0.00069	0.282060	0.000047	0.282046	-4.4	4.72	0.021	2177	2438	1592	1205	
20071121_Great Victoria Desert_CPL61-91	1667	45	0.00073	0.00069	0.281800	0.000050	0.281777	1.9	6.06	0.021	2113	2315	1667	446	
20071121_Simpson Desert_SP221-12	482	12	0.00077	0.00070	0.282730	0.000055	0.282723	8.6	1.23	0.021	737	1045	482	255	
20071121_Simpson Desert_SP221-15	137	4	0.00093	0.00069	0.282990	0.000080	0.282988	10.2	4.86	0.021	363	702	137	227	juvenile
20071121_Simpson Desert_SP221-16	161	6	0.00113	0.00069	0.282980	0.000054	0.282977	10.4	4.18	0.021	366	702	161	205	
20071121_Simpson Desert_SP221-24	110	4	0.00193	0.00070	0.283060	0.000100	0.283056	12.0	4.46	0.021	182	525	110	72	
20071121_Simpson Desert_SP221-25	1765	50	0.00073	0.00069	0.281690	0.000052	0.281665	0.2	0.75	0.021	2336	2535	1890	570	
20071121_Simpson Desert_SP221-39	94	3	0.00051	0.00069	0.283020	0.000060	0.283019	10.4	4.35	0.021	321	663	94	226	
20071121_Simpson Desert_SP221-40	449	11	0.00008	0.00069	0.282220	0.000062	0.282219	-10.0	7.11	0.017	1992	2241	1434	1544	
20071121_Simpson Desert_SP221-56	359	10	0.00160	0.00070	0.282930	0.000063	0.282919	12.8	5.18	0.021	359	604	359	0	juvenile
20071121_Simpson Desert_SP221-58	264	7	0.00232	0.00069	0.282930	0.000073	0.282919	10.6	4.73	0.021	411	739	264	147	juvenile
20071121_Simpson Desert_SP221-64	251	6	0.00228	0.00070	0.282850	0.000064	0.282839	7.5	5.96	0.021	673	996	251	422	
20071121_Simpson Desert_SP221-72	108	3	0.00290	0.00070	0.283020	0.000089	0.283014	10.5	4.58	0.021	318	660	108	210	
20071121_Simpson Desert_SP221-75	579	14	0.00072	0.00070	0.282320	0.000063	0.282312	-3.8	10.82	0.008	1328	1499	946	748	
20071121_Simpson Desert_SP221-84	532	15	0.00002	0.00069	0.282610	0.000057	0.282610	5.7	7.52	0.016	912	1147	532	380	
20071121_Simpson Desert_SP221-87	499	14	0.00124	0.00069	0.282260	0.000063	0.282248	-7.9	6.43	0.019	2025	2298	1413	1526	
20071121_Simpson Desert_SP221-94	251	8	0.00079	0.00069	0.282910	0.000064	0.282906	9.9	6.48	0.019	446	744	251	195	
20071121_Simpson Desert_SP221-97	460	11	0.00006	0.00069	0.282310	0.000066	0.282310	-6.6	5.58	0.021	2037	2339	1358	1577	
20071121_Tanami Desert_BJ200-21	1716	41	0.00105	0.00069	0.281770	0.000065	0.281736	1.6	6.78	0.018	2126	2303	1730	411	
20071121_Tanami Desert_BJ200-25	1783	43	0.00043	0.00069	0.281600	0.000063	0.281585	-2.2	8.76	0.012	2298	2431	2001	515	
20071121_Tanami Desert_BJ200-45	1883	47	0.00057	0.00069	0.281600	0.000050	0.281580	-0.1	9.34	0.010	2240	2360	1971	357	
20071121_Tanami Desert_BJ200-51	1786	43	0.00105	0.00069	0.281710	0.000064	0.281674	1.0	7.98	0.015	2155	2301	1828	369	
20071121_Tanami Desert_BJ200-56	1888	44	0.00047	0.00069	0.281620	0.000051	0.281603	0.8	8.62	0.013	2221	2351	1930	333	
20071121_Tanami Desert_BJ200-65	1860	46	0.00075	0.00069	0.281540	0.000067	0.281514	-3.0	7.61	0.016	2486	2634	2154	625	
20071129_Lowan Sand_SP135-2	161	4	0.00075	0.00069	0.282960	0.000054	0.282958	9.7	2.95	0.021	425	761	161	263	
20071129_Lowan Sand_SP135-4	531	11	0.00017	0.00069	0.282050	0.000053	0.282048	-14.2	7.01	0.018	2371	2617	1820	1839	
20071129_Lowan Sand_SP135-7	247	7	0.00132	0.00069	0.282930	0.000057	0.282924	10.4	5.51	0.021	417	746	247	170	juvenile
20071129_Lowan Sand_SP135-13	467	12	0.00087	0.00069	0.282270	0.000048	0.282262	-8.1	6.80	0.018	1936	2196	1352	1469	
20071129_Lowan Sand_SP135-15	1140	36	0.00067	0.00069	0.282070	0.000051	0.282055	-0.2	5.58	0.021	1937	2186	1379	797	
20071129_Lowan Sand_SP135-18	523	13	0.00006	0.00069	0.282310	0.000048	0.282309	-5.2	9.95	0.008	1355	1529	965	832	
20071129_Lowan Sand_SP135-19	555	14	0.00028	0.00069	0.282460	0.000050	0.282457	0.8	8.67	0.012	1162	1362	714	606	
20071129_Lowan Sand_SP135-23	1163	34	0.00074	0.00069	0.282010	0.000057	0.281994	-1.9	6.67	0.019	1984	2202	1497	821	
20071129_Lowan Sand_SP135-25	580	15	0.00003	0.00069	0.281720	0.000049	0.281720	-24.8	7.67	0.016	2918	3136	2429	2338	
20071129_Lowan Sand_SP135-29	520	13	0.00044	0.00069	0.282480	0.000058	0.282476	0.7	8.51	0.013	1155	1360	694	634	
20071129_Lowan Sand_SP135-32	396	9	0.00137	0.00069	0.282450	0.000055	0.282440	-3.4	6.88	0.018	1525	1789	933	1129	
20071129_Lowan Sand_SP135-34	584	16	0.00129	0.00069	0.282380	0.000056	0.282366	-1.8	6.66	0.019	1571	1830	989	987	
20071129_Lowan Sand_SP135-37	1622	36	0.00120	0.00069	0.281980	0.000055	0.281943	6.8	6.54	0.019	1679	1871	1622	57	
20071129_Lowan Sand_SP135-38	574	13	0.00062	0.00069	0.282450	0.000056	0.282443	0.7	8.60	0.013	1186	1386	737	612	
20071129_Lowan Sand_SP135-39	560	13	0.00002	0.00069	0.281690	0.000052	0.281690	-26.3	6.13	0.020	3634	3909	3019	3074	
20071129_Lowan Sand_SP135-42	132	4	0.00351	0.00070	0.283040	0.000067	0.283031	11.7	5.71	0.021	231	571	132	99	juvenile
20071129_Lowan Sand_SP135-43	481	11	0.00104	0.00069	0.282160	0.000050	0.282151	-11.7	9.46	0.010	1712	1896	1300	1231	
20071129_Lowan Sand_SP135-44	523	14	0.00017	0.00069	0.282070	0.000050	0.282068	-13.7	7.62	0.016	2179	2406	1672	1657	
20071129_Lowan Sand_SP135-50	550	13	0.00033	0.00069	0.282140	0.000058	0.282137	-10.7	7.43	0.016	2039	2270	1520	1488	
20071129_Lowan Sand_SP135-54	592	14	0.00037	0.00069	0.281590	0.000049	0.281586	-29.2	5.59	0.021	4019	4301	3389	3428	
20071129_Lowan Sand_SP135-55	257	6	0.00112	0.00069	0.282850	0.000054	0.282845	7.8	5.37	0.021	653	980	257	396	juvenile
20071129_Lowan Sand_SP135-57	1084	42	0.00061	0.00069	0.282090	0.000063	0.282078	-0.7	4.28	0.021	1942	2195	1374	858	
20071129_Lowan Sand_SP135-58	1086	35	0.00110	0.00069	0.282290	0.000056	0.282268	6.1	6.46	0.019	1340	1573	1086	254	
20071129_Lowan Sand_SP135-59	249	6	0.00145	0.00069	0.282790	0.000057	0.282783	5.5	6.44	0.019	801	1099	249	553	
20071129_Lowan Sand_SP135-64	573	13	0.00160	0.00069	0.282370	0.000054	0.282353	-2.5	11.05	0.008	1258	1429	875	685	
20071129_Lowan Sand_SP135-78	620	14	0.00033	0.00069	0.281610	0.000053	0.281606	-27.9	7.81	0.015	3100	3312	2626	2480	
20071129_Lowan Sand_SP135-80	486	11	0.00078	0.00069	0.282290	0.000052	0.282283	-6.9	7.12	0.017	1798	2045	1244	1312	
20071129_Lowan Sand_SP135-82	580	16	0.00069	0.00069	0.282320	0.000058	0.282313	-3.8	7.28	0.017	1617	1854	1087	1038	
20071129_Lowan Sand_SP135-87	579	14	0.00031	0.00069	0.282360	0.000057	0.282357	-2.2	10.48	0.008	1249	1420	867	671	
20071129_Lowan Sand_SP135-88	383	10	0.00140	0.00069	0.282650	0.000068	0.282640	3.4	4.78	0.021	1124	1438	419	741	
20071129_Lowan Sand_SP135-93	642	14	0.00101	0.00069	0.282470	0.000051	0.282458	2.8	8.36	0.013	1133	1336	678	491	
20071129_Lowan Sand_SP135-96	596	13	0.00042	0.00069	0.282400	0.000051	0.282395	-0.5	6.01	0.021	1579	1868	932	983	
20071129_Lowan Sand_SP135-97	534	12	0.00058	0.00069	0.282400	0.000047	0.282394	-1.9	7.19	0.017	1467	1710	923	933	
20071129_Simpson Desert_CTJ98-5	187	5	0.00142	0.00069	0.282930	0.000060	0.282925	9.1	4.45	0.021	494	827	187	307	
20071129_Simpson Desert_CTJ98-15	108	3	0.00131	0.00069	0.282980	0.000055	0.282977	9.2	4.12	0.021	434	775	108	327	
20071129_Simpson Desert_CTJ98-18	559	12	0.00020	0.00069	0.282600	0.000056	0.282598	5.9	11.21	0.008	827	1001	559	268	
20071129_Simpson Desert_CTJ98-27	1736	43	0.00043	0.00069	0.281800	0.000054	0.281786	3.8	7.82	0.015	1947	2099	1736	210	
20071129_Simpson Desert_CTJ98-31	1708	34	0.00151	0.00069	0.281960	0.000057	0.281911	7.6	4.74	0.021	1708	1885	1708	0	juvenile
20071129_Simpson Desert_CTJ98-34	1224	28	0.00057	0.00069	0.281930	0.000051	0.281917	-3.3	9.88	0.009	1830	1973	1510	606	
20071129_Simpson Desert_CTJ98-35	1995	38	0.00057	0.00069	0.281170	0.000053	0.281148	-12.9	7.94	0.015	3163	3297	2866	1169	
20071129_Simpson Desert_CTJ98-38	621	17	0.00069	0.00069	0.282500	0.000061	0.282492	3.5	8.88	0.012	1045	1237	621	424	
20071129_Simpson Desert_CTJ98-46	1788	36	0.00109	0.00069	0.281780	0.000053	0.281743	3.5	8.34	0.013	1995	2136	1788	208	
20071129_Simpson Desert_CTJ98-48	1662	42	0.00042	0.00069	0.281790	0.000061	0.281777	1.8	7.99	0.015	2008	2161	1665	345	
20071129_Simpson Desert_CTJ98-53	99	2	0.00237	0.00069	0.283060	0.000058	0.283056	11.8	6.53	0.019	188	496	99	89	
20071129_Simpson Desert_CTJ98-63	138	5	0.00164	0.00069	0.282980	0.000060	0.282976	9.8	5.47	0.021	399	737	138	261	juvenile
20071129_Simpson Desert_CTJ98-64	638	20	0.00067	0.00069	0.282430	0.000052	0.282422	1.4	7.81	0.015	1253	1471	766	615	
20071129_Simpson Desert_CTJ98-65	1749	35	0.00110	0.00069	0.281780	0.000055	0.281743	2.6	7.28	0.017	2054	2217	1749	304	
20071129_Simpson Desert_CTJ98-76	227	7	0.00072	0.00069	0.282920	0.000052	0.282917	9.7	6.03	0.021	460	783	227	233	
20071129_Simpson Desert_CTJ98-84	162	6	0.00101	0.00069	0.282950	0.000057	0.282947	9.3	5.97	0.021	454	786	162	292	
20071129_Simpson Desert_CTJ98-94	570	19	0.00032	0.00069	0.281980	0.000052	0.281977	-15.9	8.06	0.014	2254	2464	1782	1683	
20071129_Simpson Desert_CTJ98-97	1258	49	0.00097	0.00069	0.282130	0.000048	0.282107	4.3	6.40	0.019	1608	1830	1258	350	
20071129_Simpson Desert_CTJ98-100	1660	38	0.00177	0.00069	0.281790	0.000056	0.281734	0.2	6.82	0.018	2178	2358	1776	518	
20170217_Bega-29	2255	61	0.00038	0.00016	0.281231	0.000045	0.281214	-4.5	6.54	0.019	2995	3140	2671	740	
20170217_Bega-33	432	14	0.00090	0.00009	0.282377	0.000073	0.282369	-5.1	6.13	0.020	1834	2127	1175	1402	
20170217_Bega-34	421	13	0.00075	0.00005	0.282381	0.000054	0.282375	-5.1	6.43	0.019	1763	2043	1134	1342	
20170217_Bega-35	403	14	0.00085	0.00007	0.282410	0.000044	0.282403	-4.5	7.88	0.015	1453	1682	941	1050	
20170217_Bega-41	430	13	0.00143	0.00008	0.282474	0.000155	0.282462	-1.8	6.55	0.019	1486	1761	868	1056	
20170217_Bega-45	446	14	0.00078	0.00006	0.282323	0.000047	0.282316	-6.6	6.78	0.018	1818	2080	1228	1371	
20170217_Bega-49	431	14	0.00134	0.00025	0.282405	0.000053	0.282394	-4.2	7.96	0.015	1444	1668	941	1013	
20170217_Bega-51	554	17	0.00023	0.00005	0.282165	0.000041	0.282162	-9.7	7.78	0.015	1908	2128	1413	1353	
20170217_Bega-54	437	14	0.00107	0.00006	0.282385	0.000044	0.282376	-4.7	6.72	0.018	1682	1949	1084	1246	

20170217_Bega-55	452	14	0.00092	0.00008	0.281894	0.000126	0.281886	-21.7	7.89	0.015	2574	2795	2080	2122	
20170217_Bega-57	2029	61	0.00056	0.00005	0.281293	0.000047	0.281271	-7.7	6.85	0.018	3014	3166	2673	984	
20170217_Bega-58	1171	83	0.00077	0.00009	0.281704	0.000203	0.281687	-12.6	6.51	0.019	2819	3038	2329	1648	
20170217_Bega-59	416	14	0.00093	0.00008	0.282368	0.000045	0.282360	-5.8	7.86	0.015	1544	1772	1033	1128	
20170217_Bega-60	422	14	0.00103	0.00005	0.282357	0.000043	0.282349	-6.1	7.81	0.015	1575	1804	1062	1154	
20170217_Bega-61	482	16	0.00119	0.00021	0.282464	0.000194	0.282453	-1.0	8.38	0.013	1236	1447	764	755	
20170217_Bega-62	887	29	0.00096	0.00008	0.282325	0.000080	0.282309	3.0	6.50	0.019	1433	1678	887	547	
20170217_Bega-65	423	14	0.00168	0.00033	0.282394	0.000253	0.282380	-4.9	7.07	0.017	1618	1872	1049	1195	
20170217_Bega-66	414	14	0.00075	0.00005	0.282393	0.000045	0.282387	-4.9	7.40	0.016	1554	1797	1010	1140	
20170217_Bega-67	1062	81	0.00116	0.00006	0.282422	0.000051	0.282398	10.2	6.35	0.020	1062	1242	1062	0	
20170217_Bega-68	672	20	0.00067	0.00007	0.282462	0.000047	0.282453	3.3	5.80	0.021	1324	1613	675	651	
20170217_Bega-73	566	20	0.00024	0.00006	0.282087	0.000046	0.282084	-12.2	7.34	0.017	2169	2402	1648	1603	
20170217_Bega-74	2710	63	0.00047	0.00005	0.280896	0.000046	0.280871	-6.0	6.25	0.020	3491	3610	3223	781	
20170217_Bega-75	439	14	0.00075	0.00007	0.282294	0.000045	0.282288	-7.8	8.21	0.014	1637	1853	1153	1198	
20170217_Bega-76	618	18	0.00071	0.00005	0.281748	0.000048	0.281739	-23.2	6.68	0.019	3187	3436	2629	2569	
20170217_Bega-78	444	14	0.00106	0.00007	0.282251	0.000051	0.282242	-9.3	11.07	0.008	1495	1671	1101	1050	
20170217_Bega-79	436	14	0.00091	0.00005	0.282459	0.000047	0.282451	-2.1	6.72	0.018	1482	1749	881	1046	
20170217_Bega-82	447	15	0.00068	0.00005	0.282235	0.000047	0.282229	-9.7	8.96	0.012	1645	1841	1204	1198	
20170217_Bega-83	431	14	0.00078	0.00010	0.282352	0.000048	0.282346	-5.9	7.49	0.016	1626	1865	1091	1195	
20170217_Bega-84	594	19	0.00053	0.00007	0.282403	0.000048	0.282397	-0.5	8.59	0.013	1272	1471	825	677	
20170217_Bega-86	413	13	0.00143	0.00005	0.282334	0.000059	0.282323	-7.2	8.37	0.013	1554	1768	1076	1142	
20170217_Bega-87	428	15	0.00109	0.00006	0.282346	0.000051	0.282337	-6.3	8.16	0.014	1543	1762	1054	1115	
20170217_Bega-88	395	13	0.00144	0.00011	0.282444	0.000052	0.282433	-3.6	8.03	0.014	1371	1596	868	976	
20170217_Bega-90	393	13	0.00129	0.00006	0.281765	0.000048	0.281755	-27.7	8.16	0.014	2818	3034	2336	2426	
20170217_Bega-91	442	15	0.00123	0.00010	0.282322	0.000090	0.282312	-6.9	8.21	0.014	1583	1800	1099	1141	
20170217_Bega-94	422	14	0.00119	0.00006	0.282284	0.000060	0.282274	-8.7	7.21	0.017	1856	2104	1301	1434	
20170217_Bega-95	577	18	0.00022	0.00005	0.282286	0.000046	0.282283	-4.9	7.84	0.015	1609	1828	1118	1032	
20170217_Bega-96	421	14	0.00090	0.00006	0.282329	0.000048	0.282322	-7.0	7.00	0.018	1782	2038	1209	1361	
20170217_Bega-98	1032	77	0.00065	0.00005	0.282292	0.000053	0.282279	5.2	5.12	0.021	1398	1657	1032	365	juvenile
20170217_Bega-99	602	18	0.00095	0.00005	0.282358	0.000051	0.282347	-2.1	7.46	0.016	1491	1721	977	889	
20170217_Bega-100	488	16	0.00067	0.00006	0.282556	0.000049	0.282550	2.5	7.13	0.017	1125	1375	565	637	
20171130_Cooper-5	536	12	0.00125	0.00006	0.282416	0.000053	0.282404	-1.5	9.42	0.010	1221	1405	809	685	
20171130_Cooper-10	137	4	0.00074	0.00005	0.282983	0.000053	0.282981	10.0	5.40	0.021	384	723	137	247	juvenile
20171130_Cooper-19	102	3	0.00094	0.00005	0.283003	0.000052	0.283001	9.9	5.03	0.021	368	710	102	266	juvenile
20171130_Cooper-20	1955	149	0.00084	0.00005	0.281644	0.000054	0.281613	2.7	7.06	0.017	2216	2371	1955	260	
20171130_Cooper-28	434	11	0.00129	0.00006	0.282407	0.000053	0.282397	-4.1	5.77	0.021	1804	2110	1118	1370	
20171130_Cooper-31	349	9	0.00125	0.00006	0.282936	0.000053	0.282928	12.8	4.69	0.021	349	592	349	0	
20171130_Cooper-34	322	7	0.00111	0.00006	0.282433	0.000053	0.282426	-5.5	6.02	0.021	1828	2136	1137	1506	
20171130_Cooper-35	593	13	0.00056	0.00005	0.282284	0.000055	0.282278	-4.7	9.22	0.011	1453	1638	1040	861	
20171130_Cooper-38	114	3	0.00112	0.00006	0.282969	0.000053	0.282967	9.0	4.15	0.021	459	800	114	346	
20171130_Cooper-39	1527	22	0.00155	0.00006	0.281907	0.000053	0.281862	1.7	9.52	0.010	1843	1978	1542	316	
20171130_Cooper-43	235	6	0.00057	0.00005	0.282936	0.000052	0.282934	10.5	5.83	0.021	401	732	235	166	juvenile
20171130_Cooper-44	1513	20	0.00141	0.00005	0.281931	0.000053	0.281890	2.4	8.76	0.012	1821	1969	1513	308	
20171130_Cooper-45	601	13	0.00036	0.00005	0.281920	0.000052	0.281916	-17.4	7.29	0.017	2557	2787	2040	1956	
20171130_Cooper-52	99	3	0.00105	0.00005	0.282953	0.000053	0.282951	8.1	4.72	0.021	528	869	99	429	juvenile
20171130_Cooper-53	255	6	0.00130	0.00006	0.282752	0.000053	0.282746	4.3	4.67	0.021	963	1288	255	708	
20171130_Cooper-57	597	13	0.00109	0.00006	0.282538	0.000054	0.282526	4.2	5.96	0.021	1189	1482	597	592	
20171130_Cooper-58	211	5	0.00160	0.00007	0.282925	0.000053	0.282919	9.4	6.44	0.019	457	759	211	246	
20171130_Cooper-59	303	8	0.00099	0.00006	0.282436	0.000052	0.282431	-5.8	11.53	0.008	1207	1391	797	904	
20171130_Cooper-62	271	6	0.00063	0.00005	0.282849	0.000052	0.282845	8.2	7.20	0.017	563	827	271	292	
20171130_Cooper-65	238	7	0.00144	0.00005	0.282922	0.000053	0.282915	9.9	6.58	0.019	432	725	238	194	
20171130_Cooper-66	1535	36	0.00170	0.00005	0.282006	0.000052	0.281957	5.3	8.12	0.014	1691	1849	1535	155	
20171130_Cooper-69	459	12	0.00217	0.00006	0.282385	0.000054	0.282367	-4.6	8.93	0.012	1371	1569	928	912	
20171130_Cooper-70	122	4	0.00123	0.00005	0.282962	0.000053	0.282959	8.8	5.06	0.021	474	814	122	353	juvenile
20171130_Cooper-71	614	16	0.00051	0.00006	0.282293	0.000053	0.282287	-3.9	9.56	0.010	1396	1573	1000	782	
20171130_Cooper-76	525	14	0.00027	0.00005	0.282449	0.000053	0.282446	-0.3	8.43	0.013	1220	1427	756	695	
20171130_Cooper-77	452	10	0.00161	0.00006	0.282370	0.000054	0.282356	-5.1	6.27	0.020	1814	2099	1174	1362	
20171130_Cooper-81	1511	18	0.00188	0.00007	0.281874	0.000052	0.281821	-0.1	8.23	0.014	1990	2147	1640	479	
20171130_Cooper-86	389	9	0.00131	0.00005	0.282694	0.000053	0.282684	5.1	4.25	0.021	980	1294	389	591	
20171130_Cooper-89	157	4	0.00129	0.00005	0.283072	0.000053	0.283068	13.5	3.62	0.021	157	420	157	0	
20171130_Warburton-8	112	4	0.00145	0.00007	0.282861	0.000060	0.282858	5.1	3.58	0.021	804	1142	112	692	
20171130_Warburton-21	117	4	0.00171	0.00005	0.282964	0.000053	0.282961	8.8	4.46	0.021	474	814	117	357	
20171130_Warburton-47	94	3	0.00071	0.00006	0.283014	0.000058	0.283013	10.1	6.00	0.021	337	674	94	243	
20171130_Warburton-50	100	3	0.00094	0.00006	0.283017	0.000053	0.283016	10.4	4.67	0.021	325	667	100	225	
20171130_Warburton-57	531	12	0.00044	0.00005	0.282487	0.000053	0.282483	1.1	8.07	0.014	1168	1385	683	637	
20171130_Warburton-63	455	10	0.00060	0.00005	0.282224	0.000053	0.282219	-9.9	8.08	0.014	1798	2016	1309	1343	
20171130_Warburton-71	447	11	0.00073	0.00006	0.282497	0.000054	0.282491	-0.4	7.16	0.017	1306	1556	744	859	
20171130_Warburton-73	463	12	0.00088	0.00006	0.282196	0.000053	0.282188	-10.8	7.21	0.017	2033	2277	1486	1570	
20171130_Warburton-83	326	8	0.00097	0.00005	0.281557	0.000052	0.281551	-36.4	9.77	0.009	2795	2977	2389	2469	
20171130_Warburton-89	246	6	0.00120	0.00006	0.282753	0.000052	0.282747	4.1	6.03	0.021	955	1274	246	709	
20171201_Belyando-3	490	17	0.00082	0.00005	0.282113	0.000052	0.282105	-13.1	5.93	0.021	2602	2897	1940	2112	
20171201_Belyando-4	478	11	0.00065	0.00005	0.282218	0.000052	0.282212	-9.6	7.39	0.016	1926	2163	1393	1448	
20171201_Belyando-5	1102	47	0.00157	0.00005	0.282079	0.000054	0.282046	-1.4	8.47	0.013	1730	1904	1341	628	
20171201_Belyando-6	570	14	0.00050	0.00006	0.282323	0.000053	0.282318	-3.8	6.44	0.019	1755	2024	1152	1185	
20171201_Belyando-8	1745	41	0.00056	0.00005	0.281704	0.000052	0.281685	0.5	7.28	0.017	2196	2358	1832	451	
20171201_Belyando-11	1467	111	0.00121	0.00006	0.281991	0.000057	0.281957	3.7	6.06	0.021	1821	2039	1467	355	
20171201_Belyando-13	259	7	0.00055	0.00005	0.282866	0.000053	0.282864	8.6	7.71	0.015	508	754	259	249	
20171201_Belyando-32	348	10	0.00165	0.00006	0.282621	0.000053	0.282611	1.6	6.33	0.020	1194	1488	536	846	
20171201_Belyando-34	168	5	0.00141	0.00006	0.282715	0.000054	0.282710	1.1	4.80	0.021	1190	1521	446	1022	
20171201_Belyando-36	319	8	0.00121	0.00005	0.282779	0.000052	0.282772	6.6	3.06	0.021	798	1119	319	479	
20171201_Belyando-43	353	9	0.00096	0.00005	0.282537	0.000052	0.282531	-1.1	9.52	0.010	1048	1240	620	695	
20171201_Belyando-50	1870	96	0.00055	0.00005	0.281610	0.000052	0.281590	0.0	6.23	0.020	2402	2583	1998	533	
20171201_Belyando-58	765	18	0.00129	0.00006	0.282169	0.000055	0.282151	-5.4	6.73	0.018	1951	2194	1407	1186	
20171201_Belyando-82	575	13	0.00090	0.00009	0.281772	0.000053	0.281763	-23.4	5.30	0.021	3522	3807	2883	2947	
20171201_Belyando-94	301	7	0.00080	0.00005	0.282186	0.000052	0.282181	-14.7	6.45	0.019	2424	2708	1786	2123	
20171201_Belyando-110	341	9	0.00084	0.00005	0.282874	0.000053	0.282869	10.6	4.61	0.021	465	786	341	124	
20171201_Belyando-112	2423	90	0.00063	0.00005	0.281383	0.000052	0.281354	4.4	7.48	0.016	2470	2588	2423	47	
20171201_Belyando-115	339	8	0.00223	0.00008	0.282252	0.000054	0.282237	-11.8	4.84	0.021	2414	2723	1718	2075	
20171201_Belyando-122	532	12	0.00049	0.00005	0.281680	0.000051	0.281675	-27.4	10.24	0.008	2456	2625	2078	1924	
20171201_Belyando-123	1950	96	0.00051	0.00006	0.281427	0.000053	0.281408	-4.7	7.45	0.016	2679	2824	2353	729	
20171201_Belyando-125	1154	114	0.00083	0.00005	0.281908	0.000052	0.281890	-5.8	5.59	0.021	2415	2660	1864	1261	
20171201_Belyando-138	617	15	0.00079	0.00007	0.281643	0.000053	0.281634	-27.0	5.05	0.021	3847	4127	3219	3230	
20171201_Belyando-139	3021	85	0.00149	0.00006	0.280931	0.000053	0.280845	0.3	6.22	0.020	3259	3358	3036	237	
20171201_Cooper-91	500	18	0.00102	0.00005	0.282212	0.000052	0.282203	-9.5	4.63	0.021	2308	2605	1640	1808	
20171201_Cooper-94	421	10	0.00157	0.00007	0.282267	0.000052	0.282254	-9.4	11.90	0.008	1481	1658	1084	1061	
20171201_Cooper-102	920	20	0.00135	0.00011	0.282325	0.000053	0.282302	3.5	6.94	0.018	1385	1612	920	464	
20171201_Cooper-104	93	2	0.00068	0.00005	0.282981	0.000052	0.282980	9.0	7.17	0.017	380	658	93	286	
20171201_Cooper-108	597	14	0.00073	0.00005	0.282453	0.000054	0.282445	1.3	6.99	0.018	1308	1555	754	711	
20171201_Cooper-109	89	3	0.00135	0.00005	0.283048	0.000053	0.283046	11.2	3.95	0.021	242	585	89	152	
20171201_Cooper-110	108	3	0.00173	0.00005	0.283064	0.000053	0.283060	12.1	5.93	0.021	172	513	108	64	
20171201_Cooper-111	613	15	0.00056	0.00006	0.281818	0.000053	0.281811	-20.8	6.72	0.018	2989	3237	2432	2375	
20171201_Cooper-113	265	8	0.00158	0.00006	0.282828	0.000054	0.282821	7.1	8.25	0.014	583	812	265	318	
20171201_Flinders-3	549	12	0.00032	0.00005	0.282581	0.000052	0.282578	4.9	9.30	0.010	890	1078	549	341	
20171201_Flinders-5	3609	29	0.00093	0.00005	0.280491	0.000052	0.280426	-0.6	5.21	0.021	3812	3875	3670	202	
20171201_Flinders-15	1789	43	0.00132	0.00006	0.281680	0.000052	0.281635	-0.3	4.35	0.021	2396	2594	1955	608	
20171201_Flinders-21	391	27	0.00106	0.00006	0.282637	0.000052	0.282629	3.2	5.94	0.021	1141	1452	444	750	
20171201_Flinders-26	1558	37	0.00116	0.00007	0.281747	0.000052	0.281713	-2.9	7.94	0.015	2215	2374	1858	657	
20171201_Flinders-33	1580	38	0.00216	0.00009	0.281849	0.000053	0.281784	0.2	4.46	0.021	2207	2421	1728	627	
20171201_Flinders-34	1107	86	0.00057	0.00005	0.282288	0.000053	0.282276	6.8	11.62	0.008	1228	1376	1107	121	

20171201_Flinders-39	1509	50	0.00104	0.00006	0.281753	0.000053	0.281723	-3.6	6.50	0.019	2383	2581	1940	874	
20171201_Flinders-50	1625	43	0.00121	0.00006	0.281784	0.000053	0.281747	-0.1	6.02	0.021	2249	2455	1788	624	
20171201_Murchison-3	495	11	0.00067	0.00007	0.281969	0.000052	0.281962	-18.1	6.32	0.020	2860	3135	2245	2365	
20171201_Murchison-8	694	16	0.00062	0.00006	0.282026	0.000052	0.282018	-11.6	6.81	0.018	2347	2589	1803	1653	
20171201_Murchison-12	2669	33	0.00067	0.00005	0.280869	0.000052	0.280835	-8.3	5.75	0.021	3684	3813	3395	1015	
20171201_Murchison-21	1287	42	0.00074	0.00005	0.281895	0.000054	0.281877	-3.2	5.16	0.021	2289	2524	1760	1002	
20171201_Murchison-22	2617	35	0.00087	0.00006	0.280831	0.000057	0.280787	-11.2	5.51	0.021	3875	4007	3579	1258	
20171201_Murchison-25	1141	59	0.00044	0.00005	0.282010	0.000053	0.282001	-2.2	6.73	0.018	1979	2196	1493	839	
20171201_Murchison-30	1186	42	0.00101	0.00005	0.282085	0.000053	0.282063	1.1	8.56	0.013	1646	1815	1270	460	
20171201_Murchison-39	1154	51	0.00158	0.00006	0.282087	0.000053	0.282052	0.0	7.83	0.015	1735	1920	1319	581	
20171201_Murchison-42	655	16	0.00089	0.00006	0.282030	0.000056	0.282019	-12.5	6.19	0.020	2561	2831	1956	1906	
20171201_Murchison-49	1213	59	0.00129	0.00005	0.282071	0.000054	0.282042	0.9	6.22	0.020	1853	2083	1336	639	
20171201_Murchison-51	942	41	0.00053	0.00006	0.281958	0.000052	0.281949	-8.5	7.87	0.015	2104	2299	1666	1162	
20171201_Murchison-53	1310	48	0.00070	0.00005	0.282028	0.000052	0.282010	2.0	7.96	0.015	1717	1891	1328	407	
20171201_Murchison-54	1054	70	0.00139	0.00005	0.282150	0.000053	0.282122	0.2	8.08	0.014	1626	1812	1211	572	
20171201_Murchison-98	482	13	0.00031	0.00005	0.281715	0.000054	0.281712	-27.2	6.40	0.019	3527	3795	2925	3045	
20171201_Murchison-101	2682	32	0.00046	0.00005	0.280737	0.000053	0.280714	-12.3	6.02	0.021	3982	4107	3703	1300	
20171201_Murchison-102	2041	34	0.00085	0.00005	0.281574	0.000053	0.281541	2.2	6.33	0.020	2354	2521	2041	313	
20171201_Murchison-104	2689	30	0.00078	0.00006	0.280848	0.000053	0.280807	-8.8	4.96	0.021	3739	3866	3454	1050	
20171201_Murchison-109	3266	29	0.00074	0.00005	0.280511	0.000052	0.280464	-7.4	6.28	0.020	4019	4101	3837	754	
20171201_Murchison-110	2617	35	0.00058	0.00005	0.280939	0.000052	0.280910	-6.9	5.96	0.021	3521	3653	3226	904	
20171201_Murchison-113	2620	43	0.00061	0.00005	0.280895	0.000052	0.280864	-8.4	6.41	0.019	3576	3698	3302	955	
20171201_Murchison-115	855	21	0.00071	0.00005	0.282330	0.000052	0.282319	2.6	5.83	0.021	1500	1773	886	645	
20171201_Great Victoria Desert_BJ67-1	3002	151	0.00060	0.00012	0.281094	0.000021	0.281060	7.5	5.00	0.021	3002	3002	3002	0	
20171201_Great Victoria Desert_BJ67-3	2907	100	0.00211	0.00007	0.281237	0.000054	0.281120	7.4	3.86	0.021	2907	2907	2907	0	
20171201_Great Victoria Desert_BJ67-5	2731	86	0.00083	0.00005	0.281144	0.000053	0.281100	2.6	5.48	0.021	2864	2991	2731	133	juvenile
20171202_Great Victoria Desert_BJ67-17	2916	73	0.00087	0.00011	0.281077	0.000031	0.281029	4.4	7.06	0.017	2916	2969	2916	0	
20171202_Great Victoria Desert_BJ67-19	2836	32	0.00081	0.00009	0.281100	0.000024	0.281056	3.5	5.43	0.021	2874	2993	2836	38	juvenile
20171202_Great Victoria Desert_BJ67-20	2913	138	0.00029	0.00005	0.281119	0.000053	0.281103	7.0	4.30	0.021	2913	2913	2913	0	
20171202_Great Victoria Desert_BJ67-24	2713	19	0.00057	0.00005	0.281128	0.000053	0.281099	2.1	7.08	0.017	2860	2967	2713	146	
20171202_Great Victoria Desert_BJ67-28	2856	49	0.00166	0.00010	0.281143	0.000024	0.281052	3.8	4.65	0.021	2864	2981	2856	8	
20171202_Great Victoria Desert_BJ67-29	2819	14	0.00255	0.00009	0.281200	0.000021	0.281062	3.3	3.45	0.021	2876	2996	2819	57	
20171202_Great Victoria Desert_BJ67-30	2717	19	0.00195	0.00011	0.281199	0.000033	0.281098	2.2	6.26	0.020	2877	2997	2717	160	
20171202_Great Victoria Desert_BJ67-31	2870	59	0.00087	0.00009	0.281078	0.000028	0.281030	3.4	5.27	0.021	2911	3027	2870	40	juvenile
20171202_Great Victoria Desert_BJ67-39	2821	30	0.00076	0.00009	0.281079	0.000023	0.281039	2.5	3.83	0.021	2942	3062	2821	121	
20171202_Great Victoria Desert_BJ67-41	2830	15	0.00119	0.00005	0.281080	0.000053	0.281016	1.9	3.28	0.021	2996	3115	2830	167	
20171202_Great Victoria Desert_BJ67-45	2751	16	0.00038	0.00005	0.281141	0.000052	0.281121	3.8	4.94	0.021	2784	2909	2751	33	juvenile
20171202_Great Victoria Desert_BJ67-47	2838	22	0.00168	0.00005	0.281135	0.000053	0.281044	3.1	5.12	0.021	2909	3027	2838	71	juvenile
20171202_Great Victoria Desert_BJ67-50	2911	65	0.00118	0.00006	0.281135	0.000055	0.281069	5.7	4.13	0.021	2911	2911	2911	0	
20171202_Great Victoria Desert_BJ67-55	2855	16	0.00286	0.00009	0.281229	0.000027	0.281073	4.5	3.93	0.021	2855	2924	2855	0	
20171202_Great Victoria Desert_BJ67-56	2848	38	0.00117	0.00012	0.281090	0.000023	0.281027	2.7	4.38	0.021	2945	3063	2848	97	
20171202_Great Victoria Desert_BJ67-62	2768	20	0.00076	0.00010	0.281106	0.000026	0.281066	2.3	5.99	0.021	2919	3041	2768	151	
20171202_Great Victoria Desert_BJ67-72	2847	27	0.00131	0.00005	0.281166	0.000053	0.281094	5.1	4.81	0.021	2847	2873	2847	0	juvenile
20171202_Great Victoria Desert_BJ67-74	2865	14	0.00091	0.00005	0.281076	0.000052	0.281027	3.1	4.81	0.021	2927	3044	2865	62	juvenile
20171202_Great Victoria Desert_BJ67-75	2750	24	0.00063	0.00005	0.281153	0.000051	0.281120	3.7	5.70	0.021	2788	2914	2750	38	juvenile
20171202_Great Victoria Desert_BJ67-78	2896	39	0.00072	0.00005	0.281079	0.000053	0.281039	4.3	3.74	0.021	2896	2974	2896	0	
20171202_Great Victoria Desert_BJ67-79	2750	12	0.00060	0.00005	0.281133	0.000052	0.281102	3.1	5.21	0.021	2840	2965	2750	90	juvenile
20171202_Great Victoria Desert_BJ67-82	2873	33	0.00114	0.00015	0.281065	0.000024	0.281003	2.5	5.10	0.021	2987	3103	2873	114	juvenile
20171202_Great Victoria Desert_BJ67-83	2805	50	0.00161	0.00009	0.281130	0.000021	0.281044	2.3	4.48	0.021	2944	3065	2805	139	
20171202_Great Victoria Desert_BJ67-85	2792	33	0.00181	0.00009	0.281156	0.000021	0.281059	2.6	5.22	0.021	2914	3036	2792	121	juvenile
20171202_Great Victoria Desert_BJ67-94	2789	67	0.00156	0.00005	0.281172	0.000055	0.281088	3.5	4.68	0.021	2834	2957	2789	45	
20171202_Great Victoria Desert_BJ67-96	2792	25	0.00201	0.00011	0.281159	0.000025	0.281052	2.3	4.73	0.021	2934	3056	2792	142	juvenile
20171202_Great Victoria Desert_BJ67-98	2675	26	0.00090	0.00005	0.281158	0.000053	0.281111	1.7	6.09	0.020	2888	3014	2675	213	
20171202_Great Victoria Desert_BJ67-100	2815	65	0.00041	0.00005	0.281130	0.000055	0.281108	4.8	4.52	0.021	2815	2871	2815	0	
20171202_Great Victoria Desert_BJ67-101	2787	31	0.00039	0.00006	0.280907	0.000060	0.280886	-3.7	4.92	0.021	3408	3529	3137	621	
20171202_Great Victoria Desert_BJ67-108	2827	33	0.00107	0.00005	0.281122	0.000053	0.281064	3.6	4.98	0.021	2861	2981	2827	34	juvenile
20171202_Great Victoria Desert_BJ67-109	2722	20	0.00053	0.00005	0.281098	0.000053	0.281070	1.3	4.39	0.021	2961	3088	2722	239	
20171202_Great Victoria Desert_BJ67-121	2842	89	0.00075	0.00005	0.281048	0.000055	0.281008	1.9	4.69	0.021	3006	3124	2842	164	
20171202_Great Victoria Desert_BJ67-129	2798	40	0.00166	0.00009	0.281064	0.000059	0.280974	-0.3	4.45	0.021	3147	3268	2877	349	
20171202_Great Victoria Desert_BJ67-130	2806	18	0.00138	0.00010	0.281117	0.000032	0.281043	2.3	3.72	0.021	2945	3066	2806	139	
20171202_Great Victoria Desert_BJ67-131	2784	109	0.00064	0.00005	0.281121	0.000054	0.281087	3.4	4.59	0.021	2844	2967	2784	60	
20171202_Great Victoria Desert_BJ67-133	2855	37	0.00253	0.00016	0.281176	0.000026	0.281038	3.3	-0.49	0.021	2906	3024	2855	52	
20171202_Great Victoria Desert_BJ67-135	2919	58	0.00158	0.00008	0.281162	0.000056	0.281074	6.1	4.63	0.021	2919	2919	2919	0	
20180427_Great Sandy Desert_CTJ64-8	1797	91	0.00160	0.00006	0.281798	0.000053	0.281744	3.7	4.91	0.021	2069	2266	1797	272	juvenile
20180427_Great Sandy Desert_CTJ64-6	1907	80	0.00121	0.00006	0.281736	0.000052	0.281692	4.4	8.02	0.014	2042	2182	1907	135	
20180427_Great Sandy Desert_CTJ64-5	1712	79	0.00189	0.00006	0.281672	0.000053	0.281610	-3.0	7.44	0.016	2384	2545	2025	672	
20180427_Great Sandy Desert_CTJ64-11	1813	80	0.00101	0.00006	0.281492	0.000052	0.281457	-6.1	11.08	0.008	2447	2562	2191	634	
20180427_Great Sandy Desert_CTJ64-13	1605	83	0.00100	0.00005	0.281723	0.000052	0.281693	-2.5	7.66	0.016	2253	2415	1889	648	
20180427_Great Sandy Desert_CTJ64-14	1741	81	0.00130	0.00006	0.281747	0.000053	0.281704	1.0	4.98	0.021	2251	2452	1800	509	
20180427_Great Sandy Desert_CTJ64-20	1738	81	0.00082	0.00005	0.281536	0.000052	0.281509	-6.0	7.28	0.017	2619	2781	2257	881	
20180427_Great Sandy Desert_CTJ64-21	1755	83	0.00058	0.00005	0.281546	0.000053	0.281527	-4.9	6.43	0.019	2671	2853	2263	916	
20180427_Great Sandy Desert_CTJ64-24	1683	82	0.00091	0.00005	0.281541	0.000052	0.281511	-7.1	6.22	0.020	2821	3014	2389	1138	
20180427_Great Sandy Desert_CTJ64-28	2172	78	0.00048	0.00005	0.281427	0.000051	0.281407	0.5	5.41	0.021	2614	2782	2238	441	
20180427_Great Sandy Desert_CTJ64-30	1748	84	0.00061	0.00005	0.281590	0.000052	0.281570	-3.6	6.11	0.020	2605	2797	2174	857	
20180427_Great Sandy Desert_CTJ64-33	1846	80	0.00103	0.00006	0.281545	0.000052	0.281509	-3.5	7.13	0.017	2550	2709	2195	704	
20180427_Great Sandy Desert_CTJ64-45	1041	93	0.00116	0.00006	0.282215	0.000053	0.282192	2.4	9.13	0.011	1430	1595	1061	389	
20180427_Great Sandy Desert_CTJ64-47	1141	92	0.00113	0.00005	0.282066	0.000053	0.282041	-0.7	6.97	0.018	1847	2057	1377	706	
20180427_Great Sandy Desert_CTJ64-48	2101	78	0.00089	0.00006	0.281274	0.000054	0.281239	-7.2	6.74	0.018	3046	3196	2710	945	
20180427_Great Sandy Desert_CTJ64-52	2349	77	0.00059	0.00005	0.281314	0.000054	0.281288	0.3	6.56	0.019	2716	2855	2405	367	
20180427_Great Sandy Desert_CTJ64-54	1589	84	0.00181	0.00006	0.281775	0.000053	0.281720	-1.9	8.07	0.014	2169	2325	1823	580	
20180427_Great Sandy Desert_CTJ64-59	445	12	0.00125	0.00005	0.282346	0.000052	0.282335	-6.0	6.31	0.020	1873	2157	1237	1428	
20180427_Great Sandy Desert_CTJ64-67	1548	82	0.00010	0.00005	0.281634	0.000051	0.281631	-6.0	7.32	0.017	2471	2644	2085	923	
20180427_Great Sandy Desert_CTJ64-80	1931	85	0.00118	0.00005	0.281417	0.000052	0.281374	-6.3	6.34	0.020	2916	3087	2531	984	
20180427_Great Sandy Desert_CTJ64-81	2336	79	0.00072	0.00006	0.281362	0.000053	0.281330	1.5	6.93	0.018	2603	2736	2336	267	
20180427_Great Sandy Desert_CTJ64-83	1843	82	0.00076	0.00005	0.281560	0.000053	0.281534	-2.7	7.06	0.017	2500	2661	2140	657	
20180427_Great Sandy Desert_CTJ64-84	1846	79	0.00090	0.00005	0.281509	0.000052	0.281477	-4.6	7.36	0.016	2603	2757	2259	757	
20180427_Great Sandy Desert_CTJ64-90	1839	79	0.00117	0.00005	0.281538	0.000053	0.281497	-4.1	6.74	0.018	2628	2797	2252	790	
20180427_Great Sandy Desert_CTJ64-94	342	10	0.00130	0.00006	0.282157	0.000053	0.282149	-14.9	6.00	0.021	2635	2937	1955	2293	
20180427_Great Sandy Desert_CTJ64-95	1854	80	0.00080	0.00005	0.281534	0.000052	0.281506	-3.4	7.61	0.016	2507	2655	2175	653	
20180427_Great Sandy Desert_CTJ64-96	1727	85	0.00143	0.00006	0.281652	0.000052	0.281605	-2.8	6.97	0.018	2430	2601	2049	703	
20180427_Great Sandy Desert_CTJ64-97	302	9	0.00103	0.00005	0.282146	0.000053	0.282140	-16.1	6.51	0.019	2515	2796	1884	2213	
20180427_Great Sandy Desert_CTJ64-101	1846	80	0.00053	0.00005	0.281476	0.000052	0.281457	-5.3	8.02	0.014	2583	2724	2268	738	
20180427_Great Sandy Desert_CTJ64-103	1818	85	0.00166	0.00006	0.281772	0.000052	0.281715	3.2	7.86	0.015	2051	2198	1818	233	
20180427_Great Sandy Desert_CTJ64-111	371	10	0.00062	0.00005	0.282366	0.000053	0.282361	-6.7	8.31	0.014	1506	1724	1019	1135	
20180427_Great Sandy Desert_CTJ64-115	1913	80	0.00091	0.00005	0.281571	0.000052	0.281538	-0.9	7.94	0.015	2374	2514	2062	461	
20180427_Great Sandy Desert_CTJ64-126	1171	93	0.00116	0.00006	0.282147	0.000053	0.282121	2.8	4.60	0.021	1701	1949	1171	530	
20180427_Great Sandy Desert_CTJ64-127	790	20	0.00064	0.00005	0.282319	0.000053	0.282309	0.8	5.30	0.021	1611	1889	987	821	
20180427_Great Victoria Desert_CPL17-2	1568	87	0.00130	0.00006	0.281982	0.000054	0.281943	5.6	4.64	0.021	1749	1966	1568	181	
20180427_Great Victoria Desert_CPL17-12	1166	93	0.00057	0.00005	0.282182	0.000053	0.282169	4.4	4.52	0.021	1565	1813	1166	398	
20180427_Great Victoria Desert_CPL17-14	1164	96	0.00093	0.00005	0.282167	0.000053	0.282147	3.5	3.92	0.021	1635	1883	1164	471	
20180427_Great Victoria Desert_CPL17-28	1081	90	0.00072	0.00005	0.282042	0.000052	0.282027	-2.6	7.04	0.017	1927	2138	1454	846	
20180427_Great Victoria Desert_CPL17-30	1549	88	0.00169	0.00006	0.282006	0.000052	0.281956	5.6	8.80	0.012	1673	1818	1549	124	
20180427_Great Victoria Desert_CPL17-33	1089	132	0.00142	0.00005	0.282210	0.000053	0.282181	3.0	6.97	0.018	1539	1754	1089	450	
20180427_Great Victoria Desert_CPL17-39	885	21	0.00062	0.00005	0.281972	0.000053	0.281962	-9.3	4.94	0.021	2536	2802	1940	1651	
20180427_Great Victoria Desert_CPL17-49	1166	88	0.00078	0.00005	0.282104	0.000052	0.282087	1.5	4.35	0.021	1810	2058	1256	644	
20180427_Great Victoria Desert_CPL17-54	1303	92	0.00074	0.00005	0.281924	0.000052	0.281905	-1.9	10.61	0.008	1819	1957	1510	515	
20180427_Great Victoria Desert_CPL17-56	1136	95	0.00065	0.00005	0.282112	0.000052	0.282098	1.2	2.89	0.021	1816	2066	1256	681	
20180427_Great Victoria Desert_CPL17-59	499	13	0.00067	0.00005	0.281861	0.000053	0.281855	-21.8	6.14	0.020	3234	3514	2604	2735	
20180427_Great Victoria Desert_CPL17-62	1181	90	0.00081	0.00005	0.282069	0.000052	0.282050	0.5	4.99	0.021	1902	2148	1351	721	

20180427_Great Victoria Desert_CPL17-64	1572	89	0.00050	0.00006	0.281922	0.000053	0.281907	4.3	5.50	0.021	1854	2070	1572	282	juvenile
20180427_Great Victoria Desert_CPL17-68	1287	91	0.00063	0.00005	0.282048	0.000053	0.282033	2.3	6.67	0.019	1760	1970	1290	473	
20180427_Great Victoria Desert_CPL17-80	1154	96	0.00087	0.00006	0.282160	0.000054	0.282141	3.1	4.09	0.021	1664	1913	1154	510	
20180427_Great Victoria Desert_CPL17-83	1278	96	0.00086	0.00005	0.282185	0.000052	0.282164	6.8	4.29	0.021	1440	1681	1278	163	
20180427_Great Victoria Desert_CPL17-86	2839	71	0.00070	0.00005	0.280889	0.000052	0.280851	-3.7	4.24	0.021	3450	3568	3188	612	
20180427_Great Victoria Desert_CPL17-92	1423	91	0.00198	0.00006	0.282030	0.000053	0.281976	3.4	6.83	0.018	1771	1967	1423	349	
20180427_Great Victoria Desert_CPL17-98	1233	99	0.00112	0.00005	0.282180	0.000052	0.282154	5.4	0.97	0.021	1528	1772	1233	296	
20180427_Great Victoria Desert_CPL17-100	1194	89	0.00051	0.00005	0.282078	0.000052	0.282067	1.4	4.90	0.021	1837	2082	1288	643	
20180427_Great Victoria Desert_CPL17-106	1166	93	0.00085	0.00005	0.282080	0.000053	0.282061	0.6	5.24	0.021	1888	2135	1334	722	
20180427_Great Victoria Desert_CPL17-107	1086	93	0.00124	0.00005	0.282074	0.000052	0.282048	-1.7	7.66	0.016	1806	2000	1372	720	
20180427_Great Victoria Desert_CPL17-117	1164	103	0.00100	0.00005	0.282159	0.000053	0.282137	3.2	5.49	0.021	1663	1911	1164	499	juvenile
20180427_Great Victoria Desert_CPL17-127	1266	99	0.00046	0.00005	0.282020	0.000052	0.282009	1.0	7.75	0.015	1761	1942	1355	495	
20180427_Great Victoria Desert_CTJ20-9	2794	74	0.00115	0.00006	0.281096	0.000052	0.281034	1.7	3.32	0.021	2983	3105	2794	189	
20180427_Great Victoria Desert_CTJ20-10	1431	99	0.00066	0.00005	0.282064	0.000052	0.282046	6.1	8.47	0.013	1554	1712	1431	123	
20180427_Great Victoria Desert_CTJ20-18	1070	107	0.00100	0.00005	0.281931	0.000054	0.281911	-7.0	2.84	0.021	2457	2709	1892	1387	
20180427_Great Victoria Desert_CTJ20-36	1161	98	0.00066	0.00006	0.281822	0.000052	0.281807	-8.6	4.55	0.021	2650	2894	2103	1489	
20180427_Great Victoria Desert_CTJ20-73	1141	92	0.00042	0.00005	0.281871	0.000052	0.281862	-7.1	1.02	0.021	2514	2760	1963	1373	
20180427_Great Victoria Desert_CTJ20-76	1257	116	0.00050	0.00005	0.281838	0.000052	0.281826	-5.7	5.89	0.021	2477	2714	1945	1220	
20180427_Great Victoria Desert_CTJ20-77	1817	83	0.00111	0.00006	0.281642	0.000053	0.281603	-0.8	5.29	0.021	2458	2653	2022	641	
20180427_Great Victoria Desert_CTJ20-83	1306	94	0.00120	0.00005	0.281771	0.000052	0.281741	-7.6	6.67	0.019	2508	2714	2047	1203	
20180427_Great Victoria Desert_CTJ20-93	1174	93	0.00078	0.00005	0.282121	0.000052	0.282104	2.2	8.29	0.014	1581	1756	1190	407	
20180427_Great Victoria Desert_CTJ20-96	1204	93	0.00065	0.00005	0.282091	0.000052	0.282076	1.9	5.52	0.021	1797	2041	1248	593	
20180427_Great Victoria Desert_CTJ20-97	1115	101	0.00048	0.00005	0.281910	0.000052	0.281900	-6.3	2.02	0.021	2433	2682	1876	1318	
20180427_Great Victoria Desert_CTJ20-102	1105	97	0.00044	0.00005	0.281860	0.000052	0.281850	-8.3	6.14	0.020	2533	2772	1998	1429	
20180427_Great Victoria Desert_CTJ20-107	1078	117	0.00137	0.00005	0.282266	0.000052	0.282239	4.9	7.64	0.016	1373	1569	1078	295	
20180427_Great Victoria Desert_CTJ20-109	1247	131	0.00107	0.00005	0.282211	0.000053	0.282185	6.8	4.71	0.021	1415	1658	1247	168	juvenile
20180427_Great Victoria Desert_CTJ20-116	1357	122	0.00095	0.00006	0.282225	0.000052	0.282201	9.9	4.86	0.021	1357	1468	1357	0	juvenile
20180427_Great Victoria Desert_CTJ20-120	1166	103	0.00053	0.00005	0.282131	0.000053	0.282120	2.6	4.94	0.021	1713	1961	1166	547	juvenile
20180929_Ashburton-4	1760	73	0.00117	0.00008	0.281562	0.000054	0.281523	-4.9	7.76	0.015	2519	2669	2181	759	
20180929_Ashburton-8	1758	76	0.00120	0.00005	0.281525	0.000053	0.281485	-6.3	10.54	0.008	2414	2531	2152	656	
20180929_Ashburton-9	1790	70	0.00110	0.00006	0.281565	0.000053	0.281527	-4.1	7.82	0.015	2484	2632	2153	693	
20180929_Ashburton-15	1775	71	0.00083	0.00005	0.281671	0.000053	0.281644	-0.3	8.13	0.014	2219	2363	1898	444	
20180929_Ashburton-16	1817	75	0.00088	0.00006	0.281523	0.000053	0.281493	-4.7	7.08	0.017	2619	2780	2257	802	
20180929_Ashburton-19	1797	71	0.00076	0.00005	0.281557	0.000052	0.281531	-3.8	9.60	0.010	2347	2467	2077	550	
20180929_Ashburton-21	1235	84	0.00154	0.00007	0.282074	0.000054	0.282038	1.3	6.37	0.020	1825	2049	1324	590	
20180929_Ashburton-23	1836	73	0.00059	0.00005	0.281506	0.000053	0.281485	-4.6	6.19	0.020	2735	2918	2325	899	
20180929_Ashburton-24	1809	71	0.00111	0.00006	0.281581	0.000053	0.281543	-3.1	5.27	0.021	2643	2837	2206	834	
20180929_Ashburton-26	1676	99	0.00171	0.00008	0.281692	0.000053	0.281638	-2.8	6.24	0.020	2476	2670	2042	800	
20180929_Ashburton-30	1795	73	0.00071	0.00006	0.281494	0.000055	0.281469	-6.1	5.65	0.021	2873	3068	2437	1078	
20180929_Ashburton-34	1839	84	0.00115	0.00005	0.281417	0.000054	0.281377	-8.3	7.11	0.017	2876	3035	2521	1037	
20180929_Ashburton-37	1779	74	0.00081	0.00005	0.281473	0.000052	0.281445	-7.3	7.51	0.016	2708	2862	2363	929	
20180929_Daly-3	253	17	0.00108	0.00005	0.282940	0.000052	0.282935	10.9	7.24	0.017	352	616	253	99	
20180929_Daly-7	1159	88	0.00061	0.00005	0.282155	0.000052	0.282142	3.3	5.04	0.021	1655	1903	1159	496	juvenile
20180929_Daly-9	240	16	0.00051	0.00005	0.282646	0.000053	0.282644	0.3	5.73	0.021	1301	1625	572	1061	
20180929_Daly-10	98	7	0.00091	0.00006	0.283027	0.000054	0.283026	10.7	3.84	0.021	295	638	98	197	
20180929_Daly-11	1865	81	0.00095	0.00005	0.281618	0.000053	0.281584	-0.4	7.80	0.015	2312	2457	1989	448	
20180929_Daly-15	1578	77	0.00075	0.00005	0.281689	0.000053	0.281666	-4.1	6.25	0.020	2502	2703	2053	924	
20180929_Daly-16	631	42	0.00071	0.00005	0.281864	0.000052	0.281856	-18.8	8.46	0.013	2386	2583	1947	1755	
20180929_De Grey-1	3475	62	0.00038	0.00005	0.280567	0.000052	0.280541	0.3	6.30	0.020	3625	3693	3475	150	
20180929_De Grey-3	3424	59	0.00034	0.00005	0.280514	0.000053	0.280491	-2.7	5.25	0.021	3825	3901	3655	401	
20180929_De Grey-7	3462	62	0.00094	0.00005	0.280576	0.000053	0.280513	-1.0	5.66	0.021	3725	3799	3561	264	
20180929_De Grey-11	1216	90	0.00146	0.00005	0.281788	0.000052	0.281754	-9.2	9.01	0.011	2206	2363	1856	991	
20180929_De Grey-22	3377	55	0.00130	0.00005	0.280699	0.000054	0.280614	0.6	6.02	0.021	3532	3611	3377	155	
20180929_De Grey-25	3306	64	0.00154	0.00006	0.280715	0.000057	0.280617	-1.0	5.28	0.021	3602	3686	3413	296	
20180929_De Grey-27	1852	67	0.00055	0.00006	0.281436	0.000052	0.281416	-6.6	7.87	0.015	2682	2826	2362	830	
20180929_De Grey-32	713	46	0.00089	0.00006	0.282396	0.000053	0.282384	1.8	8.48	0.013	1240	1436	802	527	
20180929_De Grey-34	1416	117	0.00162	0.00006	0.282254	0.000054	0.282211	11.6	4.47	0.021	1416	1416	1416	0	
20180929_Fitzroy-1	1166	106	0.00057	0.00005	0.282083	0.000052	0.282070	0.9	7.27	0.017	1728	1927	1280	561	
20180929_Fitzroy-9	1818	73	0.00085	0.00006	0.281537	0.000053	0.281508	-4.1	8.17	0.014	2479	2619	2165	661	
20180929_Fitzroy-13	1846	71	0.00087	0.00005	0.281561	0.000053	0.281530	-2.7	7.58	0.016	2461	2611	2126	615	
20180929_Fitzroy-16	1893	67	0.00060	0.00005	0.281624	0.000053	0.281603	0.9	6.77	0.018	2307	2472	1938	414	
20180929_Fitzroy-20	1873	71	0.00169	0.00005	0.281482	0.000054	0.281421	-6.0	9.47	0.010	2526	2644	2261	653	
20180929_Fitzroy-24	1625	69	0.00098	0.00005	0.281775	0.000052	0.281745	-0.2	7.72	0.015	2116	2276	1757	491	
20180929_Lake Brown-1	2729	68	0.00077	0.00006	0.281165	0.000059	0.281125	3.4	5.17	0.021	2796	2923	2729	67	juvenile
20180929_Lake Brown-3	2738	63	0.00146	0.00005	0.280972	0.000054	0.280895	-4.5	5.18	0.021	3437	3562	3159	699	
20180929_Lake Brown-5	1196	94	0.00046	0.00005	0.281899	0.000052	0.281888	-4.9	9.11	0.011	1948	2105	1598	752	
20180929_Lake Campion-1	2633	65	0.00091	0.00005	0.281020	0.000054	0.280974	-4.2	5.81	0.021	3332	3465	3036	700	
20180929_Lake Campion-2	1770	73	0.00092	0.00013	0.281494	0.000025	0.281463	-6.8	8.56	0.013	2563	2699	2258	792	
20180929_Lake Campion-3	2648	74	0.00079	0.00006	0.280965	0.000054	0.280925	-5.6	6.11	0.020	3426	3552	3143	777	
20180929_Lake Campion-4	2605	63	0.00075	0.00005	0.281054	0.000052	0.281017	-3.3	6.11	0.020	3220	3350	2929	615	
20180929_Lake Campion-5	269	18	0.00107	0.00013	0.282426	0.000021	0.282421	-6.9	9.98	0.008	1237	1422	823	969	
20180929_Lake Campion-6	2667	66	0.00053	0.00012	0.280951	0.000017	0.280924	-5.2	6.28	0.020	3389	3511	3116	722	
20180929_Lake Campion-7	1784	72	0.00078	0.00005	0.281530	0.000053	0.281504	-5.1	6.20	0.020	2737	2924	2319	953	
20180929_Lake Campion-9	2651	62	0.00062	0.00005	0.280887	0.000055	0.280856	-8.0	7.43	0.016	3444	3548	3211	793	
20180929_Lake Campion-10	2657	69	0.00096	0.00005	0.280922	0.000054	0.280873	-7.2	4.72	0.021	3590	3720	3299	933	
20180929_Lake Dumbleyung-1	2639	60	0.00139	0.00006	0.281110	0.000054	0.281040	-1.7	7.29	0.017	3045	3153	2804	406	
20180929_Lake Dumbleyung-4	2644	61	0.00056	0.00005	0.281033	0.000052	0.281005	-2.9	5.69	0.021	3232	3364	2938	589	
20180929_Lake Dumbleyung-8	2649	62	0.00095	0.00006	0.281032	0.000054	0.280984	-3.5	4.78	0.021	3284	3416	2991	635	
20180929_Lake Dumbleyung-11	2635	62	0.00088	0.00005	0.281050	0.000053	0.281005	-3.0	6.82	0.018	3161	3276	2903	525	
20180929_Lake Dumbleyung-13	2652	61	0.00116	0.00005	0.281022	0.000052	0.280963	-4.1	8.57	0.013	3130	3221	2926	478	
20180929_Lake Dumbleyung-16	2652	63	0.00047	0.00005	0.280999	0.000053	0.280975	-3.7	5.99	0.021	3298	3427	3010	646	
20180929_Lake Dumbleyung-17	2648	60	0.00086	0.00006	0.281180	0.000055	0.281137	1.9	3.69	0.021	2854	2986	2648	206	
20180929_Lake Dumbleyung-23	2635	61	0.00044	0.00005	0.281120	0.000053	0.281098	0.2	6.15	0.020	2964	3092	2679	330	
20180929_Lake Dumbleyung-24	2746	66	0.00101	0.00005	0.280888	0.000053	0.280834	-6.5	6.63	0.019	3509	3619	3262	763	
20180929_Lake Dumbleyung-30	2751	61	0.00114	0.00006	0.280849	0.000052	0.280789	-8.0	5.50	0.021	3720	3843	3445	969	
20180929_Lake Dumbleyung-31	2650	64	0.00093	0.00013	0.281074	0.000030	0.281027	-1.9	6.29	0.020	3130	3254	2854	480	
20180929_Lake Dumbleyung-32	2665	60	0.00073	0.00005	0.281022	0.000053	0.280984	-3.1	6.02	0.021	3255	3383	2970	590	
20180929_Lake Dumbleyung-33	2632	61	0.00091	0.00006	0.281111	0.000053	0.281065	-1.0	5.78	0.021	3074	3208	2777	443	
20180929_Lake Dumbleyung-34	2651	62	0.00089	0.00013	0.281091	0.000018	0.281046	-1.2	5.49	0.021	3107	3238	2812	455	
20180929_Lake Dumbleyung-40	2685	62	0.00070	0.00005	0.281061	0.000052	0.281025	-1.2	4.77	0.021	3129	3258	2841	444	
20180929_Lake Dumbleyung-45	2649	61	0.00100	0.00005	0.281052	0.000054	0.281001	-2.8	5.71	0.021	3236	3367	2942	586	
20180929_Lake Dumbleyung-47	2642	61	0.00075	0.00005	0.281021	0.000053	0.280983	-3.7	8.31	0.014	3111	3206	2900	469	
20180929_Lake Dumbleyung-53	2624	61	0.00052	0.00005	0.281087	0.000052	0.281061	-1.3	6.26	0.020	3068	3194	2786	444	
20180929_Lake Everard-1	1194	86	0.00058	0.00006	0.282027	0.000052	0.282014	-0.5	5.08	0.021	1996	2241	1449	803	
20180929_Lake Everard-3	1621	84	0.00063	0.00006	0.281646	0.000055	0.281626	-4.5	5.53	0.021	2622	2830	2154	1000	
20180929_Lake Everard-10	1589	82	0.00057	0.00005	0.281794	0.000053	0.281776	0.1	5.13	0.021	2219	2432	1742	630	
20180929_Lake Everard-12	1566	85	0.00054	0.00005	0.281828	0.000053	0.281812	0.9	5.06	0.021	2141	2356	1659	574	
20180929_Lake Everard-16	1591	84	0.00065	0.00005	0.281811	0.000053	0.281791	0.7	5.41	0.021	2173	2386	1696	581	
20180929_Lake Everard-19	1580	79	0.00067	0.00005	0.281743	0.000053	0.281723	-2.0	4.68	0.021	2387	2601	1910	808	
20180929_Lake Everard-23	1576	81	0.00054	0.00005	0.281741	0.000054	0.281725	-2.0	6.06	0.021	2365	2573	1900	789	
20180929_Lake Everard-26	1784	105	0.00101	0.00006	0.281696	0.000054	0.281662	0.5	5.32	0.021	2324	2522	1881	541	
20180929_Lake Everard-33	1614	82	0.00074	0.00005	0.281700	0.000053	0.281677	-2.8	7.58	0.016	2289	2452	1923	675	
20180929_Lake Everard-34	1161	83	0.00145	0.00005	0.282134	0.000052	0.282103	1.9	4.77	0.021	1770	2018	1214	609	
20180929_Lake Everard-37	1660	80	0.00047	0.00005	0.281781	0.000053	0.281767	1.4	4.57	0.021	2163	2371	1698	503	
20180929_Lake Everard-38	1603	83	0.00062	0.00005	0.281753	0.000053	0.281734	-1.1	4.64	0.021	2328	2540	1855	726	
20180929_Lake Everard-42	1655	84	0.00073	0.00006	0.281776	0.000053	0.281753	0.8	6.44	0.019	2163	2353	1736	508	
20180929_Lake Everard-43	1578	79	0.00057	0.00005	0.281791	0.000053	0.281774	-0.2	7.42	0.016	2102	2272	1723	524	
20180929_Lake Everard-45	1566	89	0.00048	0.00005	0.281773	0.000052	0.281759	-1.0	5.41	0.021	2299	2514	1819	733	
20180929_Lake Everard-53	1582	78	0.00067	0.00005	0.281723	0.000053	0.281703	-2.7	5.16	0.021	2445	2658	1969	863	

20180929_Lake Everard-55	1149	81	0.00047	0.00005	0.282023	0.000052	0.282013	-1.6	5.22	0.021	2056	2303	1501	907	
20180929_Lake Everard-60	1240	91	0.00146	0.00006	0.282140	0.000053	0.282106	3.8	5.65	0.021	1664	1906	1240	424	juvenile
20180929_Lake Everard-63	1545	98	0.00069	0.00006	0.281751	0.000053	0.281731	-2.5	5.11	0.021	2408	2623	1925	863	
20180929_Lake Everard-64	1557	95	0.00111	0.00005	0.281972	0.000053	0.281940	5.2	5.71	0.021	1774	1992	1557	218	juvenile
20180929_Lake Everard-70	1032	88	0.00046	0.00005	0.282000	0.000052	0.281991	-5.0	5.83	0.021	2264	2520	1691	1232	
20180929_Lake Everard-77	1589	84	0.00089	0.00005	0.281809	0.000053	0.281782	0.3	5.44	0.021	2201	2414	1724	612	
20180929_Lake Torrens-1	1599	78	0.00055	0.00005	0.281817	0.000053	0.281800	1.2	5.22	0.021	2138	2350	1662	539	
20180929_Lake Torrens-5	1555	78	0.00087	0.00005	0.281818	0.000054	0.281792	-0.1	5.09	0.021	2214	2429	1731	659	
20180929_Lake Torrens-11	2062	65	0.00066	0.00005	0.281329	0.000053	0.281303	-5.8	3.84	0.021	3042	3217	2652	981	
20180929_Lake Torrens-16	1259	95	0.00063	0.00005	0.282112	0.000053	0.282097	3.9	4.10	0.021	1667	1907	1259	408	
20180929_Lake Torrens-18	1589	82	0.00063	0.00005	0.281742	0.000053	0.281724	-1.8	5.01	0.021	2375	2587	1899	785	
20180929_Lake Torrens-19	1582	78	0.00063	0.00005	0.281742	0.000053	0.281724	-1.9	7.31	0.017	2228	2400	1844	646	
20180929_Lake Torrens-21	1576	77	0.00078	0.00005	0.281797	0.000053	0.281774	-0.3	6.42	0.019	2189	2385	1749	613	
20180929_Lake Torrens-23	1549	84	0.00049	0.00005	0.281771	0.000053	0.281757	-1.5	5.80	0.021	2326	2542	1843	778	
20180929_Lake Torrens-24	1588	78	0.00063	0.00005	0.281779	0.000052	0.281761	-0.5	5.96	0.021	2262	2472	1789	674	
20180929_Lake Wells-5	1603	74	0.00090	0.00006	0.281619	0.000052	0.281592	-6.1	9.21	0.011	2332	2467	2031	730	
20180929_Lake Wells-7	1043	139	0.00050	0.00005	0.282179	0.000052	0.282169	1.6	6.80	0.018	1625	1848	1127	582	
20180929_Lake Wells-8	1566	81	0.00047	0.00005	0.281564	0.000053	0.281550	-8.4	6.87	0.018	2719	2902	2311	1153	
20180929_Lake Wells-16	1223	87	0.00067	0.00005	0.281929	0.000053	0.281913	-3.4	6.63	0.019	2143	2357	1663	920	
20180929_Lake Wells-17	1128	103	0.00054	0.00005	0.282182	0.000052	0.282171	3.6	7.85	0.015	1485	1672	1128	357	
20180929_Lake Wells-22	2640	64	0.00047	0.00013	0.281099	0.000023	0.281076	-0.4	5.21	0.021	3035	3168	2739	395	
20180929_Lake Wells-24	1364	84	0.00103	0.00006	0.281841	0.000053	0.281814	-3.7	4.33	0.021	2381	2610	1867	1017	
20180929_Lake Wells-26	2634	63	0.00097	0.00006	0.281007	0.000053	0.280958	-4.8	6.51	0.019	3308	3429	3040	675	
20180929_Lake Wells-29	2662	66	0.00053	0.00013	0.281071	0.000018	0.281044	-1.0	5.78	0.021	3100	3231	2807	438	
20180929_Lake Wells-30	2751	65	0.00057	0.00006	0.281033	0.000053	0.281003	-0.4	5.71	0.021	3119	3244	2841	368	
20180929_Lake Wells-34	1186	94	0.00056	0.00005	0.281928	0.000052	0.281916	-4.1	6.06	0.021	2268	2505	1737	1082	
20180929_Lake Wells-38	1245	105	0.00027	0.00005	0.281923	0.000052	0.281917	-2.8	6.58	0.019	2120	2334	1640	875	
20180929_Lake Wells-39	1599	70	0.00117	0.00006	0.281692	0.000052	0.281656	-3.9	5.81	0.021	2561	2771	2088	962	
20180929_Lake Wells-42	1102	100	0.00075	0.00005	0.282115	0.000053	0.282099	0.4	3.08	0.021	1854	2106	1288	752	
20180929_Lake Wells-44	1186	102	0.00058	0.00005	0.281937	0.000053	0.281924	-3.9	7.59	0.016	2027	2215	1604	840	
20180929_Lake Wells-48	1216	156	0.00052	0.00005	0.281940	0.000053	0.281928	-3.1	6.46	0.019	2137	2358	1643	921	
20180929_Mulgaria-6	252	17	0.00116	0.00006	0.282763	0.000052	0.282758	4.7	6.41	0.019	873	1172	252	621	
20180929_Mulgaria-8	1631	78	0.00074	0.00005	0.281747	0.000053	0.281725	-0.8	7.55	0.016	2170	2334	1804	539	
20180929_Mulgaria-10	1169	168	0.00117	0.00006	0.282175	0.000053	0.282150	3.8	6.20	0.020	1597	1832	1169	428	
20180929_Mulgaria-11	741	52	0.00054	0.00005	0.281920	0.000053	0.281913	-14.3	6.30	0.020	2724	2982	2146	1983	
20180929_Mulgaria-13	97	7	0.00077	0.00006	0.282993	0.000053	0.282992	9.5	9.40	0.010	284	493	97	187	
20180929_Mulgaria-20	174	12	0.00047	0.00005	0.282898	0.000052	0.282897	7.8	4.52	0.021	601	935	174	427	
20180929_Mulgaria-23	270	18	0.00086	0.00005	0.282590	0.000053	0.282585	-1.1	9.53	0.010	978	1173	541	708	
20180929_Mulgaria-27	2656	67	0.00043	0.00005	0.281161	0.000054	0.281140	2.2	6.72	0.018	2815	2931	2656	159	
20180929_Mulgaria-29	453	29	0.00031	0.00005	0.281659	0.000052	0.281657	-29.9	11.55	0.008	2514	2686	2128	2061	
20180929_Mulgaria-31	320	21	0.00155	0.00006	0.282572	0.000054	0.282563	-0.7	5.12	0.021	1444	1761	732	1124	
20180929_Mulgaria-32	97	7	0.00163	0.00006	0.282957	0.000053	0.282954	8.1	2.45	0.021	521	863	97	424	
20180929_Mulgaria-35	302	20	0.00059	0.00005	0.282770	0.000052	0.282767	6.1	4.22	0.021	836	1158	302	534	
20180929_Mulgaria-36	1159	109	0.00074	0.00005	0.282171	0.000053	0.282155	3.7	5.87	0.021	1616	1865	1159	458	juvenile
20180929_Mulgaria-37	1369	84	0.00067	0.00006	0.281959	0.000053	0.281941	0.9	5.31	0.021	1998	2229	1481	629	
20180929_Mulgaria-38	150	11	0.00199	0.00006	0.282998	0.000053	0.282993	10.7	4.60	0.021	329	667	150	179	
20180929_Mulgaria-39	338	23	0.00093	0.00005	0.282757	0.000053	0.282752	6.3	7.71	0.015	714	955	338	376	
20180929_Victoria-6	875	56	0.00100	0.00005	0.282212	0.000053	0.282195	-1.3	4.88	0.021	1849	2119	1243	974	
20180930_Lake Carey-1	2679	127	0.00079	0.00005	0.281176	0.000052	0.281136	2.6	4.74	0.021	2821	2952	2679	143	juvenile
20180930_Lake Carey-3	2695	125	0.00042	0.00013	0.281159	0.000017	0.281138	3.1	5.43	0.021	2797	2927	2695	102	juvenile
20180930_Lake Carey-4	2741	173	0.00117	0.00006	0.281250	0.000054	0.281188	6.0	3.14	0.021	2741	2741	2741	0	
20180930_Lake Carey-6	2669	128	0.00064	0.00013	0.281178	0.000021	0.281146	2.7	5.63	0.021	2805	2936	2669	136	juvenile
20180930_Lake Carey-7	2699	125	0.00087	0.00013	0.281081	0.000028	0.281037	-0.4	6.18	0.020	3064	3186	2790	364	
20180930_Lake Carey-8	2723	132	0.00109	0.00006	0.281186	0.000053	0.281129	3.4	4.57	0.021	2792	2920	2723	69	
20180930_Lake Carey-9	2678	127	0.00081	0.00005	0.281192	0.000053	0.281150	3.1	5.86	0.021	2781	2911	2678	103	juvenile
20180930_Lake Carey-10	2689	126	0.00149	0.00006	0.281213	0.000054	0.281136	2.9	4.84	0.021	2809	2938	2689	119	juvenile
20180930_Lake Carey-11	2705	124	0.00051	0.00005	0.281188	0.000054	0.281162	4.2	5.22	0.021	2719	2848	2705	15	juvenile
20180930_Lake Carey-12	2730	131	0.00128	0.00017	0.281211	0.000024	0.281144	4.1	6.41	0.019	2739	2856	2730	9	
20180930_Lake Carey-13	2702	125	0.00073	0.00013	0.281157	0.000020	0.281120	2.6	6.24	0.020	2834	2956	2702	132	
20180930_Lake Carey-15	2680	127	0.00118	0.00006	0.281226	0.000053	0.281165	3.7	5.08	0.021	2736	2867	2680	57	juvenile
20180930_Lake Carey-21	2689	126	0.00060	0.00005	0.281199	0.000054	0.281168	4.0	4.68	0.021	2719	2849	2689	30	
20180930_Lake Carey-22	2662	128	0.00082	0.00005	0.281170	0.000053	0.281128	2.0	5.02	0.021	2861	2993	2662	199	juvenile
20180930_Lake Carey-23	2750	138	0.00131	0.00005	0.281222	0.000053	0.281153	4.9	4.32	0.021	2750	2818	2750	0	
20180930_Lake Carey-26	2654	129	0.00038	0.00006	0.281177	0.000053	0.281157	2.8	4.51	0.021	2788	2920	2654	134	
20180930_Lake Carey-28	1138	148	0.00094	0.00013	0.282091	0.000021	0.282071	0.3	7.25	0.017	1749	1951	1296	611	
20180930_Lake Carey-32	1206	157	0.00106	0.00006	0.281753	0.000060	0.281729	-10.3	6.23	0.020	2737	2963	2228	1531	
20180930_Lake Carey-34	2676	127	0.00153	0.00016	0.281167	0.000028	0.281089	0.9	5.37	0.021	2958	3088	2676	282	juvenile
20180930_Lake Carey-37	2708	124	0.00083	0.00006	0.281216	0.000053	0.281173	4.6	5.57	0.021	2708	2811	2708	0	juvenile
20180930_Lake Carey-38	2674	127	0.00148	0.00019	0.281197	0.000030	0.281122	2.0	5.74	0.021	2867	2997	2674	193	juvenile
20180930_Lake Carey-40	2728	122	0.00083	0.00013	0.281151	0.000029	0.281108	2.8	5.74	0.021	2846	2973	2728	119	juvenile
20180930_Nalla Creek-9	2766	128	0.00060	0.00013	0.281092	0.000021	0.281061	2.0	5.66	0.021	2939	3063	2766	174	juvenile
20180930_Nalla Creek-10	2736	122	0.00181	0.00014	0.281158	0.000020	0.281063	1.4	4.60	0.021	2964	3090	2736	228	
20180930_Nalla Creek-13	2656	119	0.00107	0.00015	0.281000	0.000025	0.280946	-4.7	5.40	0.021	3385	3516	3094	730	
20180930_Nalla Creek-17	2739	130	0.00239	0.00031	0.281110	0.000032	0.280985	-1.3	4.55	0.021	3183	3308	2903	444	
20201009_Great Victoria Desert_BJ67_A2	2843	66	0.00061	0.00009	0.281091	0.000025	0.281058	3.7	2.99	0.021	2862	2980	2843	19	
20201009_Great Victoria Desert_BJ67_A3	2705	19	0.00043	0.00009	0.281103	0.000019	0.281081	1.3	5.56	0.021	2949	3077	2705	244	juvenile
20201009_Great Victoria Desert_BJ67_A4	2811	35	0.00240	0.00014	0.281184	0.000026	0.281055	2.9	4.78	0.021	2906	3026	2811	95	juvenile
20201009_Great Victoria Desert_BJ67_A5	2722	40	0.00044	0.00009	0.281106	0.000028	0.281084	1.8	5.63	0.021	2922	3049	2722	199	juvenile
20201009_Lake Campion_A1	2599	39	0.00227	0.00021	0.281078	0.000024	0.280966	-5.3	6.36	0.020	3338	3463	3058	739	
20201009_Lake Campion_A4	2629	42	0.00067	0.00013	0.280934	0.000020	0.280901	-6.9	5.95	0.021	3535	3666	3242	906	
20201009_Lake Carey_A1	1223	174	0.00033	0.00012	0.281936	0.000017	0.281929	-2.8	7.99	0.015	1949	2127	1552	726	
20201009_Lake Carey_A2	2634	65	0.00049	0.00013	0.281158	0.000018	0.281134	1.5	5.79	0.021	2877	3011	2634	244	juvenile
20201009_Lake Carey_A3	1159	73	0.00035	0.00012	0.281953	0.000016	0.281946	-3.7	7.61	0.016	1994	2184	1568	835	
20201009_Lake Carey_A4	2702	51	0.00080	0.00013	0.281165	0.000023	0.281124	2.8	6.28	0.020	2821	2942	2702	119	
20201009_Lake Carey_A5	1146	79	0.00059	0.00012	0.281951	0.000016	0.281939	-4.2	7.63	0.016	2017	2208	1591	871	
20201009_Lake Carey_A6	1775	72	0.00057	0.00013	0.281633	0.000017	0.281614	-1.4	7.10	0.017	2356	2520	1988	581	
20201009_Lake Carey_A7	2755	42	0.00049	0.00013	0.281069	0.000018	0.281044	1.1	6.35	0.020	2982	3098	2755	227	
20201009_Lake Carey_A8	2685	55	0.00044	0.00013	0.281161	0.000025	0.281139	2.9	6.19	0.020	2801	2925	2685	116	
20201009_Lake Dumbleyung_A4	2674	27	0.00072	0.00013	0.281059	0.000017	0.281023	-1.5	5.84	0.021	3148	3278	2857	474	
20201009_Lake Wells_A1	1194	84	0.00063	0.00013	0.281912	0.000021	0.281898	-4.6	8.20	0.014	2014	2188	1624	820	
20201009_Lake Wells_A2	1599	76	0.00122	0.00013	0.281837	0.000016	0.281800	1.2	6.89	0.018	2059	2241	1652	460	
20201009_Lake Wells_A3	1181	92	0.00078	0.00013	0.282105	0.000021	0.282088	1.8	3.84	0.021	1790	2036	1237	608	
20201009_Lake Wells_A5	2620	68	0.00074	0.00013	0.280977	0.000018	0.280940	-5.7	6.97	0.018	3319	3432	3065	698	
20201009_Lake Wells_A6	1278	103	0.00045	0.00013	0.281953	0.000017	0.281942	-1.1	7.95	0.015	1889	2064	1496	611	
20201009_Lake Wells_A7	1213	49	0.00089	0.00013	0.282127	0.000017	0.282107	3.3	4.83	0.021	1693	1937	1213	479	juvenile
20201009_Lake Wells_A9	1024	83	0.00085	0.00013	0.282177	0.000016	0.282161	0.9	7.65	0.016	1592	1790	1147	567	
20201009_Lake Wells_A11	1171	63	0.00100	0.00014	0.281963	0.000017	0.281941	-3.6	7.12	0.017	2053	2256	1600	882	
20201009_Lake Wells_A12	1249	88	0.00080	0.00013	0.281961	0.000021	0.281942	-1.8	7.62	0.016	1935	2120	1522	686	
20201009_Nalla Creek_A1	2708	52	0.00079	0.00013	0.280811	0.000034	0.280771	-9.7	4.68	0.021	3820	3946	3539	1112	
20201009_Nalla Creek_A3	2789	34	0.00272	0.00023	0.281196	0.000052	0.281051	2.2	4.38	0.021	2941	3063	2789	152	
20201009_Nalla Creek_A4	2665	32	0.00098	0.00013	0.281026	0.000037	0.280976	-3.4	5.05	0.021	3290	3420	2999	625	
20170201_Murray1-10	502	27	0.00065	0.00011	0.282423	0.000046	0.282417	-1.8	7.63	0.016	1384	1614	866	882	
20170201_Murray1-11	571	24	0.00029	0.00005	0.282358	0.000041	0.282355	-2.5	12.57	0.008	1256	1427	872	685	
20170201_Murray1-12	247	11	0.00132	0.00010	0.282817	0.000044	0.282811	6.4	5.20	0.021	772	1099	247	525	juvenile
20170201_Murray1-13	575	25	0.00105	0.00005	0.282254	0.000040	0.282242	-6.4	6.82	0.018	1878	2130	1313	1304	
20170201_Murray1-21	404	18	0.00043	0.00005	0.282450	0.000044	0.282446	-3.0	7.78	0.015	1367	1599	848	963	
20170201_Murray1-31	448	21	0.00025	0.00005	0.282250	0.000042	0.282248	-9.0	9.67	0.009	1520	1702	1113	1072	
20170201_Murray1-32	562	25	0.00010	0.00005	0.282443	0.000043	0.282442	0.4	5.65	0.021	1501	1797	834	938	
20170201_Murray1-35	586	27	0.00003	0.00005	0.282301	0.000041	0.282300	-4.1	8.99	0.011	1435	1625	1009	849	
20170201_Murray1-38	526	23	0.00041	0.00005	0.282426	0.000041	0.282422	-1.1	7.17	0.017	1409	1653	860	882	
20170201_Murray1-39	574	25	0.00040	0.00005	0.281568	0.000043	0.281563	-30.4	6.18	0.020	3945	4215	3341	3372	
20170201_Murray1-40	417	19	0.00057	0.00006	0.282517	0.000045	0.282512	-0.4	6.59	0.019	1357	1632	739	939	
20170201_Murray1-45	834	36	0.00059	0.00005	0.282253	0.000042	0.282243	-0.5	6.51	0.019	1665	1913	1111	831	
20170201_Murray1-48	143	8	0.00061	0.00006	0.283056	0.000043	0.283054	12.7	2.64	0.021	145	484	143	2	
20170201_Murray1-49	473	21	0.00113	0.00005	0.282097	0.000046	0.282087	-14.2	6.08	0.020	2623	2912	1976	2150	

20170201_Murray1-51	1452	85	0.00105	0.00006	0.282058	0.000045	0.282029	5.9	6.11	0.020	1628	1846	1452	176	
20170201_Murray1-52	596	27	0.00032	0.00005	0.282378	0.000040	0.282374	-1.2	7.82	0.015	1391	1610	900	795	
20170201_Murray1-53	232	11	0.00052	0.00007	0.282894	0.000045	0.282891	8.9	5.73	0.021	539	869	232	307	juvenile
20170201_Murray1-57	589	25	0.00026	0.00005	0.282464	0.000040	0.282461	1.7	9.37	0.010	1094	1277	685	505	
20170201_Murray1-61	565	24	0.00069	0.00006	0.282512	0.000048	0.282504	2.7	7.16	0.017	1169	1412	623	604	
20170201_Murray1-62	543	26	0.00003	0.00005	0.281511	0.000046	0.281510	-33.0	6.32	0.020	4049	4314	3455	3506	
20170201_Murray1-69	550	28	0.00069	0.00005	0.282204	0.000045	0.282197	-8.6	7.18	0.017	1945	2186	1406	1395	
20170201_Murray1-70	220	12	0.00035	0.00005	0.282553	0.000049	0.282551	-3.4	6.48	0.019	1481	1775	821	1261	
20170201_Murray1-72	578	25	0.00041	0.00005	0.282496	0.000041	0.282491	2.5	8.90	0.012	1066	1260	633	488	
20170201_Murray1-76	181	9	0.00073	0.00009	0.282925	0.000049	0.282922	8.9	6.39	0.019	483	790	181	302	
20170201_Murray1-80	507	24	0.00021	0.00005	0.282157	0.000043	0.282155	-11.0	9.53	0.010	1685	1866	1278	1178	
20170201_Murray1-84	541	24	0.00030	0.00005	0.282486	0.000042	0.282483	1.4	7.24	0.017	1235	1477	694	694	
20170201_Murray1-85	608	27	0.00036	0.00005	0.281998	0.000043	0.281994	-14.4	7.56	0.016	2301	2524	1802	1694	
20170201_Murray1-86	590	26	0.00049	0.00005	0.282183	0.000042	0.282177	-8.3	7.93	0.015	1825	2039	1343	1235	
20170201_Murray1-87	320	15	0.00115	0.00006	0.282641	0.000043	0.282634	1.8	7.17	0.017	1057	1317	475	737	
20170201_Murray1-88	411	19	0.00094	0.00007	0.282387	0.000044	0.282379	-5.2	7.35	0.017	1584	1829	1035	1173	
20170201_Murray1-90	745	37	0.00077	0.00005	0.282312	0.000051	0.282301	-0.5	6.62	0.019	1587	1837	1027	842	
20170201_Murray1-91	593	28	0.00005	0.00005	0.281671	0.000043	0.281670	-26.2	6.45	0.019	3493	3751	2914	2900	
20170201_Murray1-92	582	29	0.00001	0.00005	0.281370	0.000044	0.281370	-37.1	7.35	0.017	3839	4063	3337	3257	
20170201_Murray1-96	460	22	0.00003	0.00005	0.282359	0.000042	0.282358	-4.8	8.44	0.013	1442	1652	973	982	
20170201_Murray1-100	540	26	0.00042	0.00006	0.282184	0.000043	0.282179	-9.4	6.53	0.019	2146	2411	1552	1607	
20170201_Murray2-1	1429	102	0.00041	0.00005	0.282146	0.000041	0.282135	9.2	5.86	0.021	1429	1574	1429	0	juvenile
20170201_Murray2-5	533	23	0.00035	0.00005	0.281656	0.000042	0.281652	-28.2	7.42	0.016	3195	3423	2685	2662	
20170201_Murray2-6	550	23	0.00103	0.00005	0.282489	0.000041	0.282478	1.4	7.76	0.015	1191	1416	688	641	
20170201_Murray2-7	557	26	0.00024	0.00005	0.282430	0.000043	0.282427	-0.2	7.83	0.015	1297	1519	800	740	
20170201_Murray2-9	549	23	0.00005	0.00005	0.282322	0.000044	0.282321	-4.2	7.36	0.016	1610	1846	1082	1062	
20170201_Murray2-10	509	23	0.00004	0.00005	0.282371	0.000041	0.282370	-3.3	9.09	0.011	1324	1516	894	815	
20170201_Murray2-18	2673	27	0.00028	0.00005	0.280892	0.000042	0.280877	-6.7	6.78	0.018	3448	3561	3196	775	
20170201_Murray2-19	534	27	0.00012	0.00005	0.282203	0.000047	0.282201	-8.7	8.06	0.014	1786	2001	1306	1252	
20170201_Murray2-20	499	22	0.00013	0.00005	0.281990	0.000043	0.281988	-17.1	6.44	0.019	2738	3007	2134	2239	
20170201_Murray2-24	576	25	0.00045	0.00005	0.281682	0.000042	0.281677	-26.4	7.73	0.015	2998	3214	2513	2421	
20170201_Murray2-28	570	27	0.00003	0.00005	0.281891	0.000042	0.281890	-19.0	7.72	0.015	2525	2744	2035	1955	
20170201_Murray2-29	537	24	0.00017	0.00005	0.282050	0.000041	0.282048	-14.1	8.19	0.014	2095	2305	1626	1559	
20170201_Murray2-32	175	9	0.00139	0.00006	0.283010	0.000045	0.283005	11.7	4.66	0.021	257	594	175	83	
20170201_Murray2-33	619	26	0.00086	0.00005	0.282466	0.000042	0.282456	2.2	7.93	0.015	1181	1397	698	562	
20170201_Murray2-35	582	25	0.00006	0.00005	0.281609	0.000046	0.281608	-28.7	3.84	0.021	3967	4249	3334	3385	
20170201_Murray2-36	558	24	0.00073	0.00006	0.281906	0.000045	0.281898	-18.9	10.35	0.008	2061	2230	1682	1503	
20170201_Murray2-39	594	25	0.00094	0.00005	0.281889	0.000044	0.281878	-18.8	6.36	0.020	2965	3230	2372	2371	
20170201_Murray2-40	575	26	0.00021	0.00005	0.282546	0.000041	0.282543	4.3	8.00	0.014	1008	1225	575	434	
20170201_Murray2-41	928	39	0.00131	0.00005	0.282110	0.000045	0.282087	-3.9	5.09	0.021	2109	2374	1515	1181	
20170201_Murray2-45	598	27	0.00063	0.00005	0.282296	0.000041	0.282289	-4.2	7.50	0.016	1629	1857	1118	1031	
20170201_Murray2-46	652	30	0.00051	0.00006	0.282437	0.000043	0.282430	2.0	7.73	0.015	1231	1450	739	579	
20170201_Murray2-48	594	25	0.00016	0.00005	0.282394	0.000050	0.282392	-0.6	8.49	0.013	1290	1491	838	696	
20170201_Murray2-56	503	22	0.00013	0.00005	0.282181	0.000041	0.282179	-10.2	8.22	0.014	1829	2040	1355	1325	
20170201_Murray2-57	576	24	0.00106	0.00005	0.282315	0.000047	0.282303	-4.2	7.93	0.015	1553	1770	1067	977	
20170201_Murray2-59	193	9	0.00116	0.00005	0.282651	0.000053	0.282647	-0.6	5.64	0.021	1355	1683	618	1163	
20180929_Murrumbidgee-14	443	29	0.00162	0.00006	0.282379	0.000052	0.282365	-5.0	8.33	0.013	1451	1665	973	1009	
20180929_Murrumbidgee-21	459	31	0.00100	0.00006	0.282333	0.000052	0.282324	-6.1	8.42	0.013	1517	1727	1047	1058	
20180929_Murrumbidgee-22	439	29	0.00133	0.00006	0.282399	0.000052	0.282388	-4.3	9.04	0.011	1326	1523	886	887	
20180929_Murrumbidgee-28	416	27	0.00126	0.00006	0.282423	0.000052	0.282413	-3.9	6.66	0.019	1615	1886	1008	1199	
20180929_Murrumbidgee-32	441	29	0.00161	0.00005	0.282237	0.000052	0.282224	-10.0	8.54	0.013	1720	1927	1257	1279	
20180929_Murrumbidgee-39	565	36	0.00046	0.00005	0.282294	0.000052	0.282289	-4.9	7.01	0.018	1732	1978	1179	1167	
20180929_Murrumbidgee-42	407	26	0.00080	0.00005	0.282375	0.000051	0.282369	-5.7	6.99	0.018	1678	1935	1099	1270	
20180929_Murrumbidgee-43	914	58	0.00077	0.00005	0.282469	0.000055	0.282456	8.8	4.90	0.021	1008	1279	914	94	juvenile
20180929_Murrumbidgee-51	473	31	0.00124	0.00007	0.282417	0.000053	0.282406	-2.9	10.00	0.008	1195	1371	802	723	
20180929_Murrumbidgee-58	441	29	0.00115	0.00006	0.282233	0.000053	0.282223	-10.1	11.39	0.008	1529	1705	1135	1088	
20180929_Murrumbidgee-66	463	30	0.00143	0.00005	0.282295	0.000052	0.282283	-7.4	7.37	0.016	1771	2011	1233	1308	
20180929_Murrumbidgee-69	1342	83	0.00128	0.00005	0.282171	0.000053	0.282139	7.3	4.24	0.021	1438	1673	1342	96	
20180929_Murrumbidgee-70	442	29	0.00161	0.00006	0.282324	0.000053	0.282310	-7.0	9.88	0.009	1387	1566	986	945	
20180929_Murrumbidgee-82	493	36	0.00126	0.00005	0.282355	0.000052	0.282343	-4.6	8.52	0.013	1445	1651	985	952	
20180929_Murrumbidgee-97	447	30	0.00096	0.00005	0.282282	0.000052	0.282274	-8.1	8.63	0.013	1600	1805	1141	1153	
20180930_Murray1-1	162	7	0.00140	0.00005	0.283007	0.000053	0.283003	11.3	2.89	0.021	281	618	162	119	
20180930_Murray1-2	177	9	0.00044	0.00005	0.283029	0.000052	0.283027	12.5	3.78	0.021	184	521	177	7	
20180930_Murray1-4	1658	145	0.00054	0.00006	0.281381	0.000053	0.281364	-12.9	6.97	0.018	3080	3253	2694	1422	
20180930_Murray1-5	1070	166	0.00147	0.00005	0.282290	0.000053	0.282260	5.4	4.37	0.021	1407	1664	1070	337	
20180930_Murray1-6	794	32	0.00178	0.00006	0.282119	0.000054	0.282092	-6.8	5.46	0.021	2263	2537	1647	1469	
20180930_Murray1-8	630	25	0.00173	0.00006	0.282647	0.000053	0.282626	8.5	8.49	0.013	777	979	630	147	
20180930_Murray1-16	428	18	0.00085	0.00005	0.282323	0.000052	0.282316	-7.0	6.13	0.020	1993	2286	1336	1565	
20180930_Murray1-18	249	10	0.00103	0.00005	0.282799	0.000052	0.282794	5.9	4.86	0.021	821	1147	249	571	juvenile
20180930_Murray1-23	262	11	0.00119	0.00005	0.282870	0.000052	0.282864	8.6	7.76	0.015	504	749	262	243	
20180930_Murray1-26	512	21	0.00084	0.00005	0.282321	0.000052	0.282313	-5.3	5.21	0.021	1958	2257	1288	1446	
20180930_Murray1-27	159	7	0.00154	0.00006	0.282997	0.000051	0.282993	10.9	4.15	0.021	318	655	159	159	
20180930_Murray1-34	2606	124	0.00027	0.00005	0.281051	0.000052	0.281038	-2.6	5.64	0.021	3180	3315	2879	574	
20180930_Murray1-35	421	18	0.00101	0.00005	0.282562	0.000053	0.282554	1.2	5.27	0.021	1339	1648	644	918	
20180930_Murray1-40	526	20	0.00041	0.00005	0.282484	0.000052	0.282480	0.9	6.85	0.018	1299	1556	722	773	
20180930_Murray1-49	2245	134	0.00051	0.00005	0.281337	0.000053	0.281315	-1.1	5.85	0.021	2796	2958	2434	551	
20180930_Murray1-50	1046	232	0.00078	0.00005	0.282059	0.000052	0.282043	-2.8	6.83	0.018	1946	2166	1452	900	
20180930_Murray1-55	104	5	0.00059	0.00005	0.282927	0.000052	0.282926	7.3	6.52	0.019	550	855	104	445	
20180930_Murray1-63	619	24	0.00068	0.00005	0.282459	0.000052	0.282451	2.0	9.26	0.011	1107	1291	695	488	
20180930_Murray2-68	355	15	0.00139	0.00006	0.282429	0.000054	0.282420	-5.0	6.62	0.019	1668	1945	1048	1314	
20180930_Murray2-73	1667	143	0.00055	0.00005	0.281551	0.000053	0.281534	-6.7	6.96	0.018	2658	2831	2269	990	
20180930_Murray2-78	1418	145	0.00101	0.00005	0.282126	0.000052	0.282099	7.6	3.84	0.021	1466	1695	1418	48	
20180930_Murray2-79	1154	157	0.00072	0.00005	0.282141	0.000052	0.282125	2.5	5.11	0.021	1712	1961	1154	559	
20180930_Murray2-82	186	9	0.00095	0.00005	0.282449	0.000053	0.282446	-7.9	9.06	0.011	1330	1538	863	1144	
20180930_Murray2-83	499	20	0.00167	0.00006	0.282561	0.000054	0.282545	2.7	4.95	0.021	1264	1567	583	765	
20180930_Murray2-92	182	11	0.00065	0.00006	0.282383	0.000054	0.282381	-10.2	7.34	0.017	1772	2031	1193	1590	
20180930_Murray2-94	150	8	0.00060	0.00006	0.283006	0.000052	0.283004	11.1	3.78	0.021	293	631	150	143	
20180930_Murray2-95	495	20	0.00120	0.00005	0.282496	0.000053	0.282485	0.4	5.83	0.021	1456	1758	776	960	
20180930_Murray2-96	2688	126	0.00060	0.00005	0.280903	0.000053	0.280872	-6.5	5.74	0.021	3558	3686	3272	870	
20180930_Murray2-99	1169	191	0.00108	0.00005	0.281999	0.000053	0.281975	-2.4	4.78	0.021	2143	2389	1592	974	
20180930_Murray2-102	247	13	0.00123	0.00006	0.283061	0.000053	0.283055	15.0	3.29	0.021	247	336	247	0	
20180930_Murray2-106	165	8	0.00063	0.00006	0.282984	0.000053	0.282982	10.6	2.34	0.021	343	679	165	177	
20180930_Murray2-107	1136	192	0.00105	0.00005	0.282081	0.000053	0.282059	-0.2	4.62	0.021	1933	2182	1374	797	
20180930_Murray2-109	595	23	0.00031	0.00005	0.282120	0.000053	0.282117	-10.4	6.26	0.020	2333	2606	1723	1739	
20180930_Murrumbidgee-103	2392	121	0.00049	0.00005	0.281152	0.000052	0.281130	-4.3	7.48	0.016	3000	3119	2733	607	
20180930_Murrumbidgee-108	451	18	0.00180	0.00006	0.282305	0.000052	0.282289	-7.5	7.56	0.016	1731	1965	1205	1279	
20180930_Murrumbidgee-111	2404	131	0.00058	0.00005	0.281083	0.000053	0.281057	-6.6	3.63	0.021	3353	3502	3021	949	
20180930_Murrumbidgee-118	421	17	0.00170	0.00007	0.282302	0.000052	0.282289	-8.2	8.91	0.012	1546	1745	1099	1124	
20180930_Murrumbidgee-120	469	23	0.00116	0.00006	0.282080	0.000053	0.282069	-14.9	5.54	0.021	2748	3046	2080	2279	
20180930_Murrumbidgee-129	437	18	0.00146	0.00005	0.282625	0.000053	0.282613	3.6	7.23	0.017	1002	1252	442	566	

*: The $^{176}Lu/^{177}Hf$ of source magma used to calculated the model ages (see Method)

†: Calculated using the arc mantle evolution values of Iizuka et al. (2013)

Notes:

1. Chondritic parameters of Bouvier et al. (2008) and the $\lambda^{176}Lu$ of Söderlund et al. (2004) are used for calculation.
2. The samples (Murray and Murrumbidgee) from SE Australia were removed from the final results for Hf model ages and growth curve.

References:

Bouvier, A., Vervoort, J.D., Patchett, P.J., 2008. The Lu-Hf and Sm-Nd isotopic composition of CHUR: Constraints from unequilibrated chondrites and implications for the bulk composition of terrestrial planets. Earth and Planetary Science Letters 273, 48-57.

Iizuka, T., Campbell, I.H., Allen, C.M., Gill, J.B., Maruyama, S., Makoka, F., 2013. Evolution of the African continental crust as recorded by U-Pb, Lu-Hf and O isotopes in detrital zircons from modern rivers. Geochim. Cosmochim. Acta 107, 96-120.

Söderlund, U., Patchett, P.J., Vervoort, J.D., Isachsen, C.E., 2004. The 176Lu decay constant determined by Lu–Hf and U–Pb isotope systematics of Precambrian mafic intrusions. Earth and Planetary Science Letters 219, 311-324.

Table 5.6 Lu-Hf isotope data of zircon standards for each session.

Session	Reference zircon	N	Spot size (μm)	Mean $^{176}Hf/^{177}Hf$	2SD	Offset*	Mean $^{176}Hf/^{177}Hf_{corrected}$ †	2SE.ext ‡	Analyzed unknown sample				
20170919													
RSES ANU	**91500 (Primary)**	15	45	0.282283	37	23	0.282307	39	Murray1 (No. 10-100)				
	Mud Tank	15	45	0.282493	25	14	0.282517	38	Murray2 (No. 1-60)				
	FC1	10	45	0.282148	28	36	0.282172	38	Bega (No. 1-68)				
	QGNG	15	45	0.281590	29	22	0.281613	38					
					Average offset	24							
20170920													
RSES ANU	**91500 (Primary)**	16	45	0.282298	40	8	0.282310	57	Bega (No. 73-100)				
	Mud Tank	16	45	0.282499	21	8	0.282512	45					
	FC1	6	45	0.282155	23	30	0.282167	46					
	QGNG	14	45	0.281606	49	6	0.281619	63					
					Average offset	13							
20190725&26§						**2SE**			Warburtion (No. 21-91)	Great Victoria Desert_CPL17 (No. 2-127)	Fitzroy (No. 1-24)	Lake Wells (No. 5-48)	Nalla Creek (No. 1-18)
GIG CAS	**Plešovice (Primary)**	145	45	0.282474	49	4		50	Belyando (No. 11-139)	Great Victoria Desert_CTJ (No. 9-120)	Lake Brown (No. 1-5)	Mulgaria (No. 6-39)	
	91500	72	45	0.282300	84	10		50	Cooper (No. 1-113)	Great Sandy Desert_CTJ64 (No. 4-127)	Lake Campion (No. 3-9)	Murrumbidgee (No. 14-129)	
	R33	107	45	0.282795	109	11		55	Flinders (No. 3-50)	Ashburton (No. 4-37)	Lake Dumbleyung (No. 1-53)	Victoria (No. 3-6)	
	Mud Tank	66	45	0.282517	62	8		50	Great Victoria Desert_BJ67 (No. 5-135)	Daly (No. 1-16)	Lake Everard (No. 1-77)	Lake Carey (No. 1-37)	
									Murchision (No. 3-115)	De Gray (No. 1-34)	Lake Torrens (No. 1-24)	20180930_Murray1 (No. 1-109)	
20201014									Nalla Creek (No. A1-A3&9-17)				
RSES ANU	**91500 (Primary)**	62	35	0.282302	10	4	0.282308	10	Lake Campion (No. 2-11&A1-A4))				
	Mud Tank	64	35	0.282509	9	-2	0.282514	9	Lake Carey (No. 3-40&A1-A8)				
	R33	31	35	0.282759	12	5	0.282765	12	Lake Wells (No. A1-A12&22-41)				
	Temora 2	20	35	0.282671	22	15	0.282677	22	Lake Dumbleyung (No. 31-45&A4)				
					Average offset	5							
20201020													
RSES ANU	**91500 (Primary)**	11	35	0.282297	13	9	0.282311	13	Great Victoria Desert_BJ67 (No. 1-133&A2-A5)				
	Mud Tank	12	35	0.282507	14	0	0.282520	14					
	R33	5	35	0.282747	12	17	0.282760	12					
	Temora 2	4	35	0.282659	23	27	0.282673	23					
					Average offset	13							

Reference	**$^{176}Hf/^{177}Hf$ (solution)**	**2SD**
91500	0.282306	8
MudTank	0.282507	6
FC1	0.282184	16
QGNG	0.281612	4
R33	0.282764	14
Temora 2	0.282686	8

*: Difference between messured value and solution value of reference zircons. Solution values are derived from Woodhead et al. (2005)

†: $^{176}Hf/^{177}Hf$ ratio is corrected by the average offset of all reference zircons analyzed.

‡: The errors combine the standard error of mean and the reproducibility (2SD) of the primary reference zircon (91500), added in quadrature.

§: This session were conducted at State key Laboratory of Isotope Geochemistry, Guangzhou Institute of Geochemistry, Chinese Academy of Sciences (GIG-CAS) (see Chapter 3 Method for details)

Reference:
Woodhead, J.D., Hergt, J.M., 2005. A preliminary appraisal of seven natural zircon reference materials for in situ Hf isotope determination. Geostandards and Geoanalytical Research 29, 183-195.