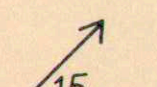


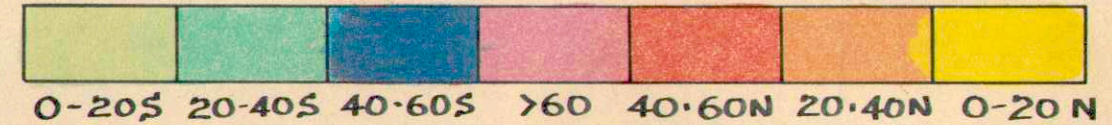



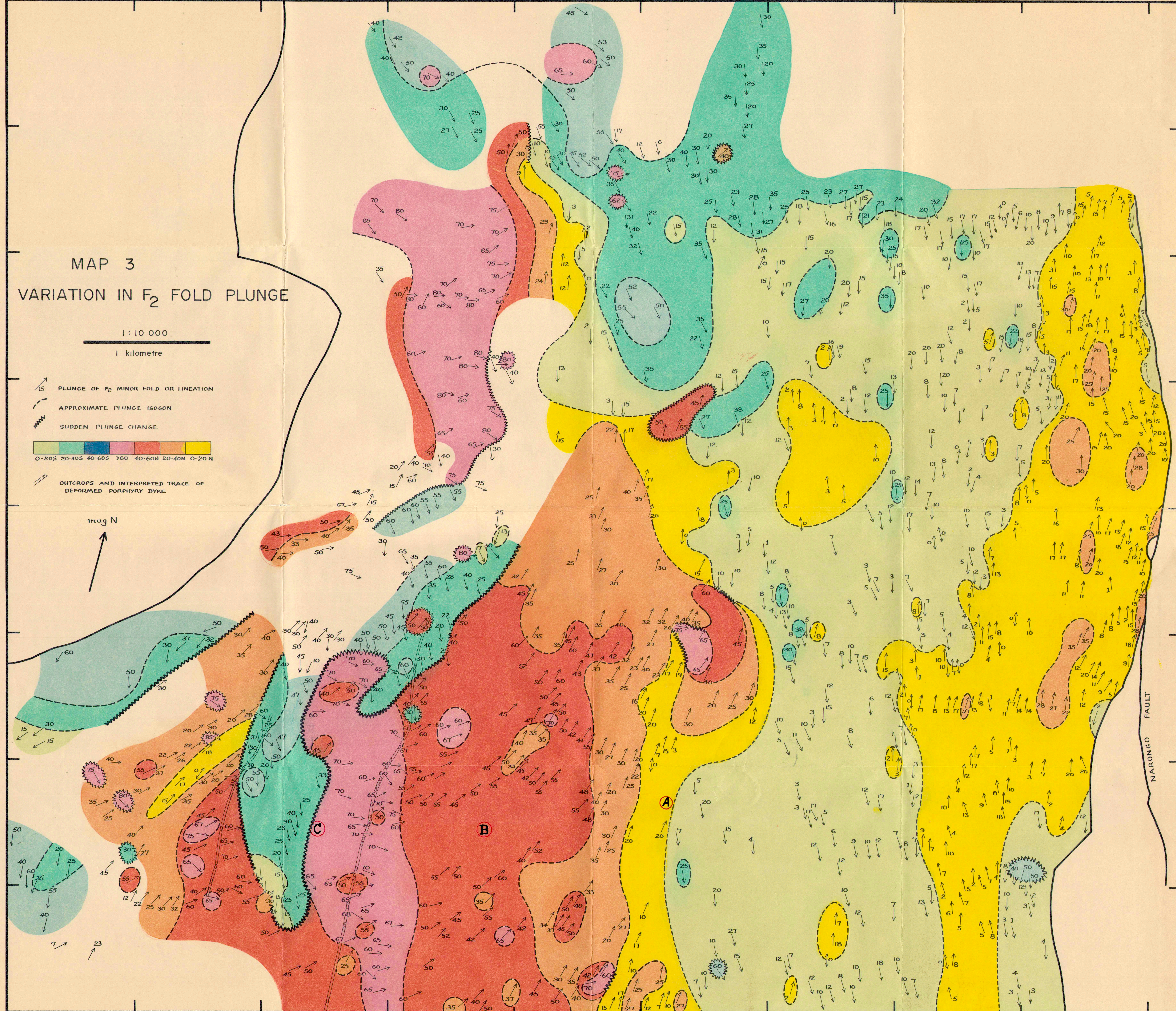
MAP 3 VARIATION IN F₂ FOLD PLUNGE

1:10 000

1 kilometre

-  PLUNGE OF F₂ MINOR FOLD OR LINEATION
-  APPROXIMATE PLUNGE ISOGON
-  SUDDEN PLUNGE CHANGE
-  0-20S 20-40S 40-60S >60 40-60N 20-40N 0-20N
-  OUTCROPS AND INTERPRETED TRACE OF DEFORMED PORPHYRY DYKE

mag N



NARONGO FAULT

GEOLOGICAL MAP OF THE DETAILED STUDY AREA

P. HAYDEN 1980

SCALE 1:10 000
1 KM

mag. North

INTRUSIVE ROCKS

- dolerite dyke
- basalt dyke
- aplite dyke
- felsic porphyry dyke
- main phase
- marginal phase
- Bredbo River Adamellite
- deformed "early" porphyry dyke
- amphibolite dyke

SILURIAN STRATA

- sandstone
- siltstone
- limestone
- conglomerate
- tuff
- no outcrop, or unmapped

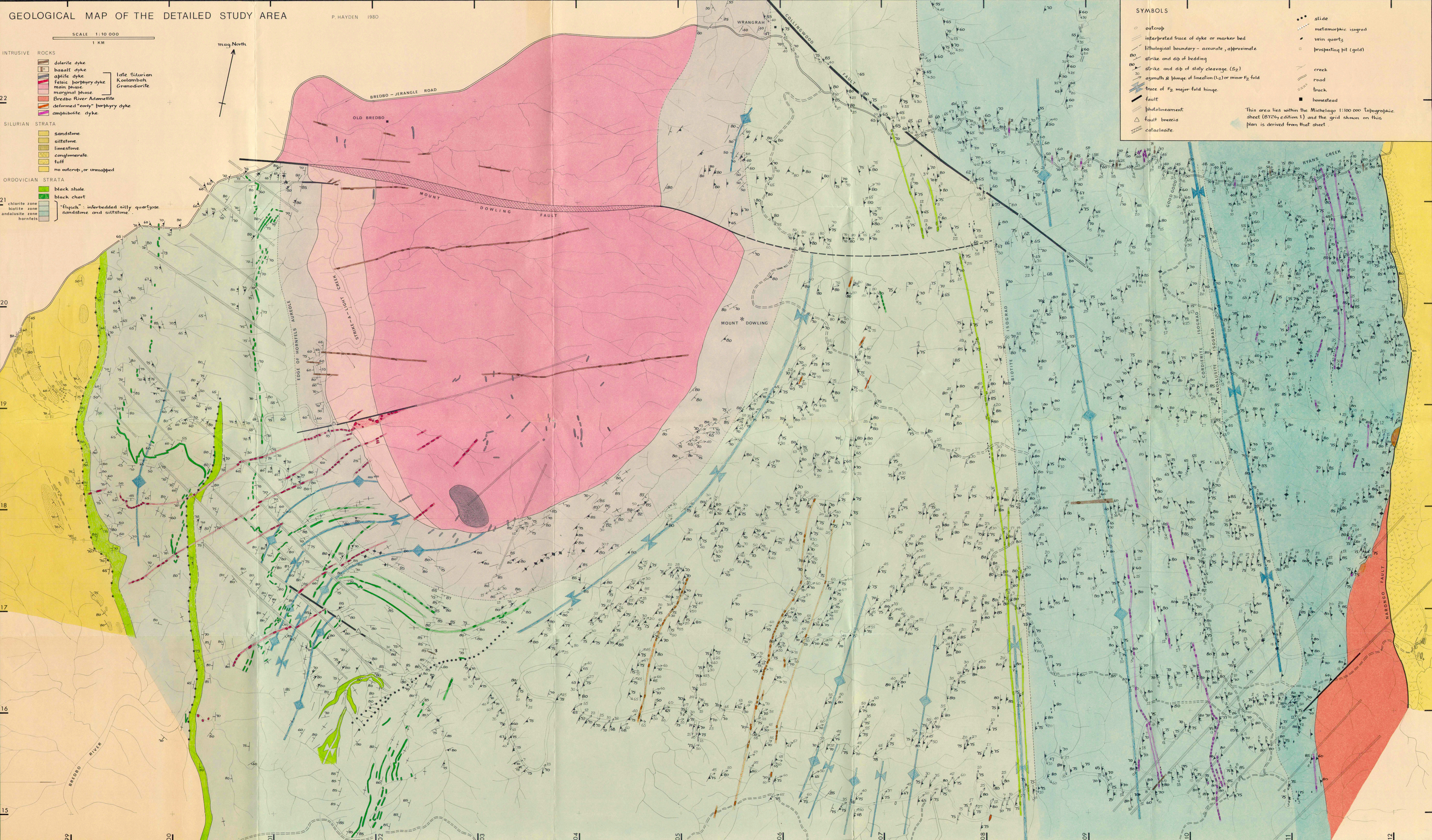
ORDOVICIAN STRATA

- black shale
- black chert
- "flusck" interbedded silty quartzose sandstone and siltstone
- chlorite zone
- biotite zone
- andalusite zone
- hornfels

SYMBOLS

- outcrop
- interpreted trace of dyke or marker bed
- lithological boundary - accurate, approximate
- strike and dip of bedding
- strike and dip of staly cleavage (S₂)
- azimuth & plunge of lineation (L₂) or minor F₂ fold
- trace of F₂ major fold hinge
- fault
- ▭ pholinite
- △ fault breccia
- ▨ cataclaste
- slide
- metamorphic isograd
- ◆ vein quartz
- prospecting pit (gold)
- creek
- road
- track
- homestead

This area lies within the Michelago 1:100 000 topographic sheet (87264 edition 1) and the grid shown on this plan is derived from that sheet.



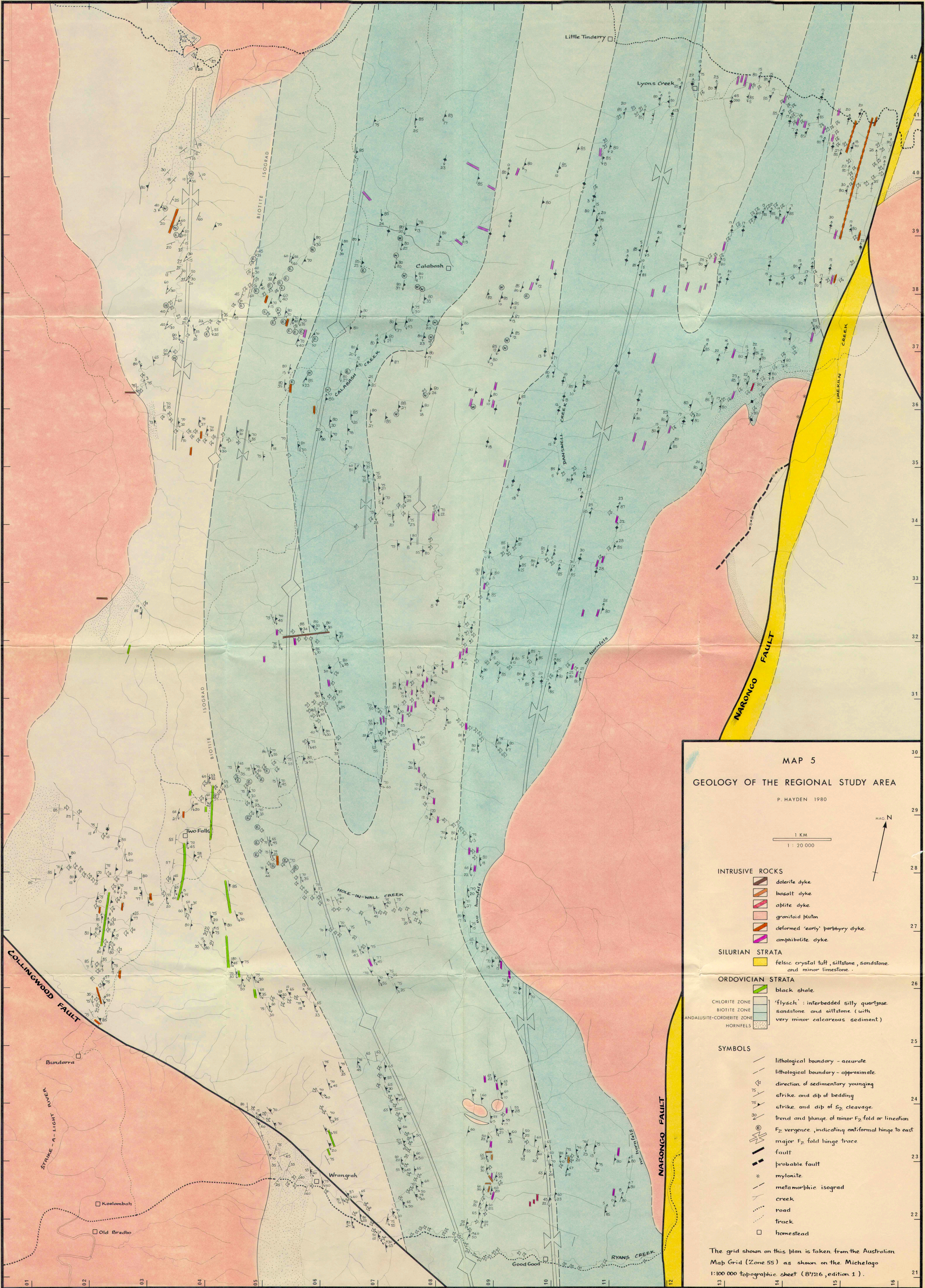
MAP 2 : YOUNGING, F₂ VERGENCE & F₂ FOLD HINGE TRACES
(Detailed Study Area)

scale 1:10 000
1 km

mag. N

- sedimentary younging direction
- (E) F₂ vergence - indicating antiform to east
- ↔ F₂ major fold hinge trace





MAP 5
GEOLOGY OF THE REGIONAL STUDY AREA
 P. HAYDEN 1980

MAG N

1 KM
 1 : 20 000

INTRUSIVE ROCKS

- dolerite dyke
- basalt dyke
- apatite dyke
- granitoid pluton
- deformed 'early' porphyry dyke
- amphibolite dyke

SILURIAN STRATA

- felsic crystal tuff, siltstone, sandstone and minor limestone.

ORDOVICIAN STRATA

- black shale

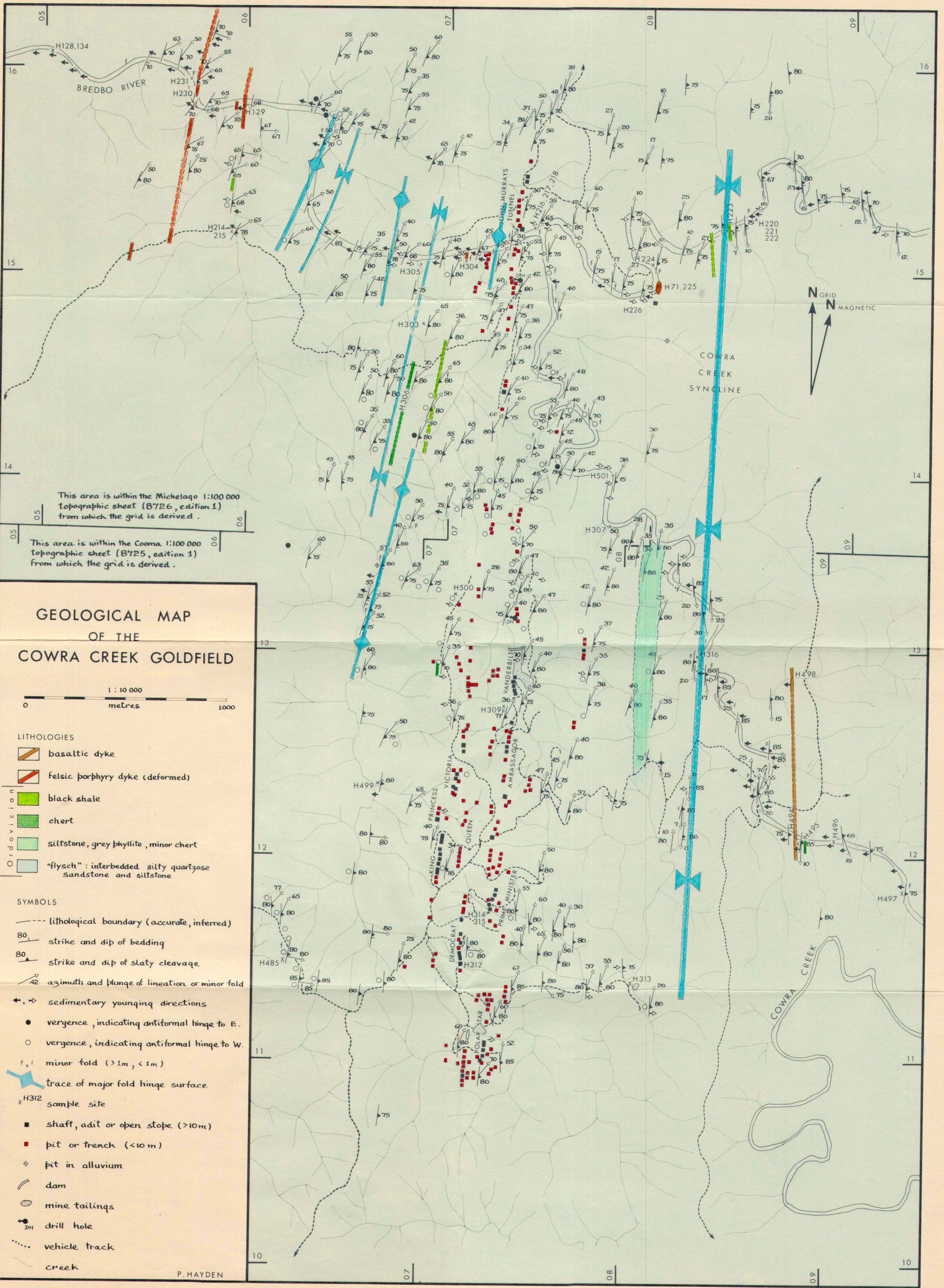
CHLORITE ZONE
 BIOTITE ZONE
 ANDALUSITE-CORDIERITE ZONE

- 'flysch': interbedded silty quartzose sandstone and siltstone (with very minor calcareous sediment)
- hornfels

SYMBOLS

- lithological boundary - accurate
- lithological boundary - approximate
- direction of sedimentary younging
- strike and dip of bedding
- strike and dip of S_2 cleavage
- trend and plunge of minor F_2 fold or lineation
- F_2 vergence, indicating antiformal hinge to east
- major F_2 fold hinge trace
- fault
- probable fault
- mylonite
- metamorphic isograd
- creek
- road
- track
- homestead

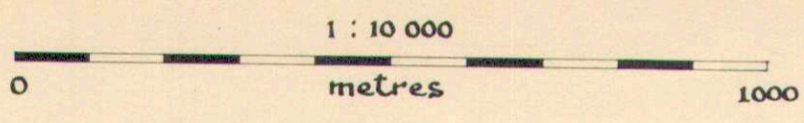
The grid shown on this plan is taken from the Australian Map Grid (Zone 55) as shown on the Michelago 1:100 000 topographic sheet (8726, edition 1).



This area is within the Michelago 1:100 000 topographic sheet (8726, edition 1) from which the grid is derived.

This area is within the Cooma 1:100 000 topographic sheet (8725, edition 1) from which the grid is derived.

GEOLOGICAL MAP OF THE COWRA CREEK GOLDFIELD



- LITHOLOGIES**
- basaltic dyke
 - felsic porphyry dyke (deformed)
 - black shale
 - chert
 - siltstone, grey phyllite, minor chert
 - "flysch": interbedded silty quartzose sandstone and siltstone
- SYMBOLS**
- lithological boundary (accurate, inferred)
 - strike and dip of bedding
 - strike and dip of slaty cleavage
 - azimuth and plunge of lineation or minor fold
 - sedimentary younging directions
 - vergence, indicating antiformal hinge to E.
 - vergence, indicating antiformal hinge to W.
 - minor fold (>1m, <1m)
 - trace of major fold hinge surface
 - sample site
 - shaft, adit or open slope (>10m)
 - pit or trench (<10m)
 - pit in alluvium
 - dam
 - mine tailings
 - drill hole
 - vehicle track
 - creek