

TAS/2/4182

SECTION ORIENTATION 270° MN

5 cm

**GEOLOGICAL LEGEND**

**HANGING WALL**

- QFP glomeroporphyritic Quartz-Feldspar-Porphyry
- Pc-L lapilli tuff
- Gy-P grey siliceous porphyry (within lapilli tuff)
- Ec epiclastic (Ec-B epiclastic breccia)

**HOST HORIZON**

- Ch/Vc/S undifferentiated cherts (Ch), volcanoclastics (Vc) and shales (S)  
- individual groups (e.g. Vc) or various combinations (e.g. Vc/S) can dominate
- Vc-M grey volcanoclastic mudstone
- Ex predominantly grey chert associated with sulphides (including lenses of massive sulphides) and/or uriferous

**MIXED FOOTWALL - HOST HORIZON UNITS**

- B-P fine grained non-porphyritic volcanic - typical buff-green colour (? chilled lava phase)
- G-PIC composite breccia of green porphyritic lava fragments and grey chert
- G-Pc pyroclastic unit consisting predominantly of green porphyritic (? lava) fragments (? hyaloclastite) typically ejected - with increasing chert component G-Pc grades into G-PIC

**FOOTWALL**

- G-Pf green porphyry - predominantly quartz-feldspar porphyritic lavas (associated pyroclastic phases) - andesitic to dacitic in composition
- FH felsic lapilli tuff

**FOOTWALL - HANGING WALL**

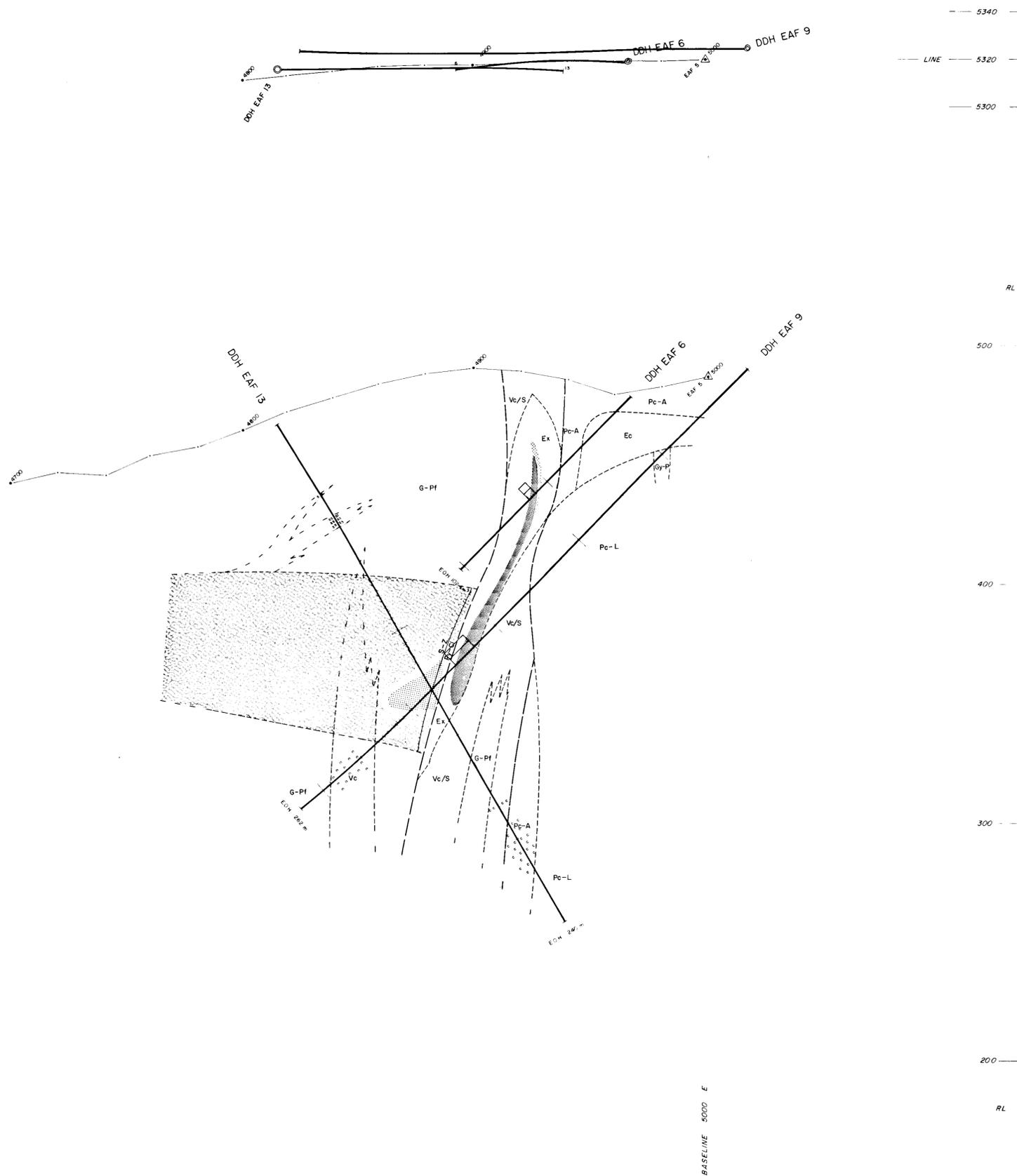
- Pc-A pyroclastic ash (ash tuff) (A-Si-silicified Pc-A, typically with minor sulphides)
- C-Pc-A cherty pyroclastic ash - siliceous cherty nodules in an ash matrix
- CS western series calcareous shale/siltstone

**ALTERATION ZONES**

- Siliceous alteration of green porphyry (Si-flooding) - varies from diffuse grey siliceous veins to composite breccias of chert and porphyry
- Zn rich "stringer zone" - with veins (5-30mm) of grey chert and sphalerite (minor galena and chalcopyrite)-associated sericite-chlorite alteration of porphyry (pale yellow-green colouration)
- black chlorite-pyrite(-sericite) alteration of green porphyry and pyroclastic ash - parts distinctly associated with stringer veins of chalcopyrite-chlorite (black colouration related to the presence of Mg rich chlorite)
- carbonate alteration of pyroclastic ash - associated diffuse Pb-Zn mineralization (minor veining)
- nodular carbonate alteration - peripheral style of the Pb-Zn-CO<sub>2</sub> alteration

**MINERALIZATION**

- > \$53 cut off mineralization
  - > \$35 cut off mineralization
- Drillhole section - showing results for:-
- > 0.1 ppm Au
  - > 1.0 ppm Au
  - \$35 "ore"
  - \$53 "ore"



|                                     |          |                       |
|-------------------------------------|----------|-----------------------|
| <b>COMSTAFF PROPRIETARY LIMITED</b> |          | R H ROBERTS           |
| TEST NO<br><b>EL 5/63</b>           | <b>4</b> | DRAWN<br>J HARDISTY   |
| DATE<br>1 24/5/85                   |          | DATE<br>24/1/84       |
| 2 24/5/85                           |          | SCALE<br>1 - 1000     |
| 3 24/5/85                           |          | PROJECT<br>TAS/2/4182 |
| 4 24/5/85                           |          |                       |
| 5 24/5/85                           |          |                       |
| 6 24/5/85                           |          |                       |
| 7 24/5/85                           |          |                       |

PINNACLES GRID - EAF  
SECTION OF LINE 5320 N  
GEOLOGICAL INTERPRETATION