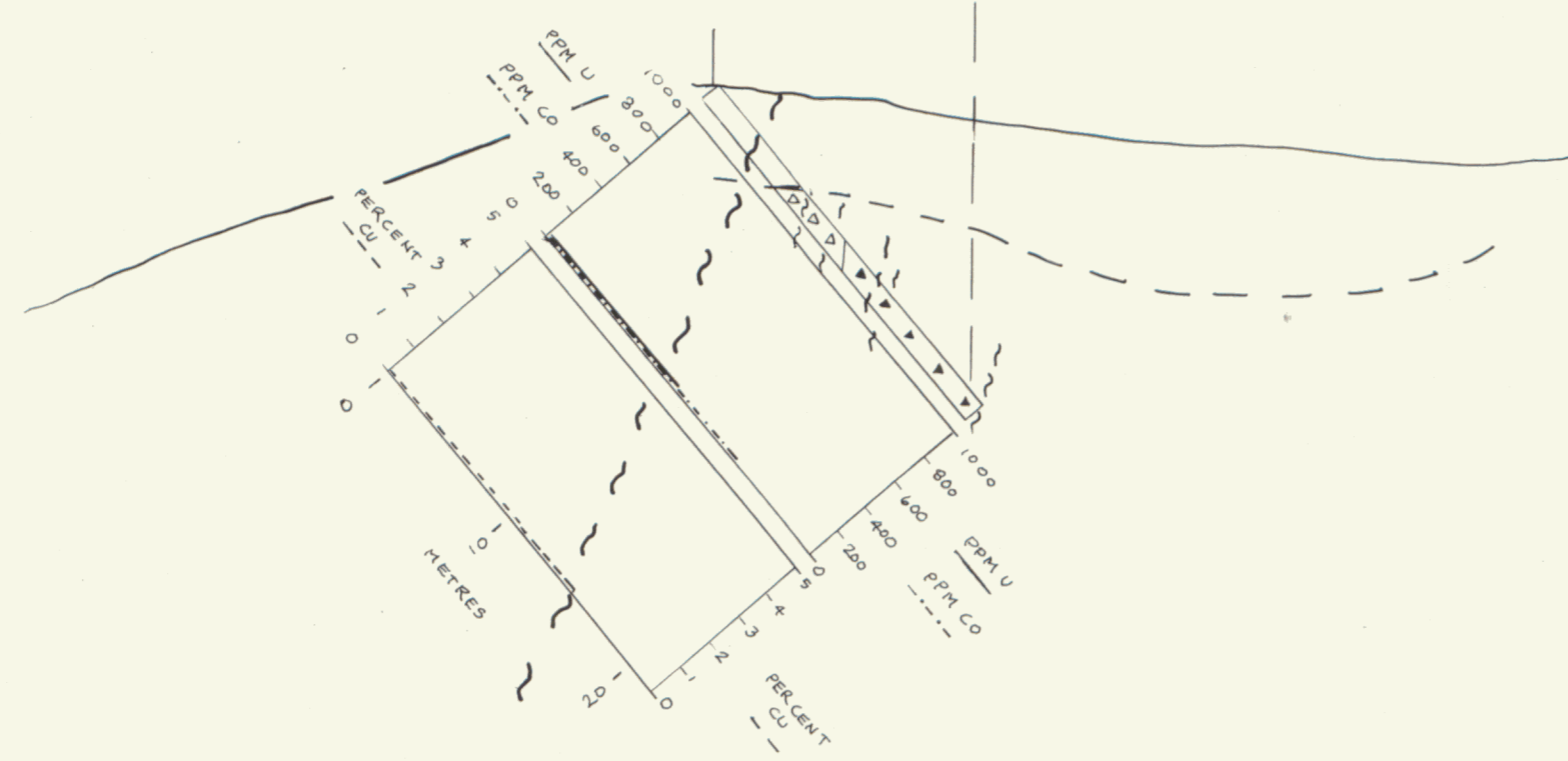


**LOCATION MAP SCALE 1:2500**



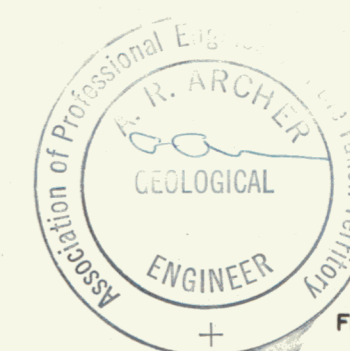
**LEGEND**

- HELIKIAN**
- Iron-Rich Breccia (HB4): high but variable concentrations of euhedral to massive magnetite, hematite with associated barite, pyrite, chalcopyrite & carbonates, both in matrix & replacing breccia fragments.
  - Chloritic Breccia (HB5): dark green chloritic matrix & fragments often hematitic, associated with HB4 & fault zones.
  - Red-Brown Breccia (HB6): heterolithic breccia with carbonate, chlorite & hematite matrix containing altered, subround Hs fragments. Pink to red-brown > grey to light green fragments. Breccia varies from matrix to fragment supported. Rarely foliated.
  - Light Green Breccia (HB2): strongly foliated, silvery grey to red-brown weathering breccia consisting of light green Hs phyllites, white to pink quartzite & tan limy Hs phyllite fragments in a tan to pink carbonate matrix. Breccia is always fragment supported. Weathers recessively compared to HB1.
- HELIKIAN, APHEBIAN?**
- Quartzite Group (Hs): grey to black shale, slate & phyllite interbedded with quartzites & siltstones exhibiting turbidite structures.
  - Altered Quartzite Group (Hs): bleached, hematized & carbonatized equivalent of Hs, pale green phyllites, brown weathering grey siltstones and white-pink quartzites, occasionally limy.
- ~ ~ ~ fault  
 [ ] ppm U  
 [ ] ppm Cu  
 [ ] ppm Co



**SECTION FACING EAST**

**HOLE 80 I 012**  
**COORDINATES 33°60'N, 00°97.5'W**  
**COLLAR ELEVATION 1230 m**  
**AZIMUTH 190 DIP -50**  
**DEPTH 21.82 ( 72 ' )**



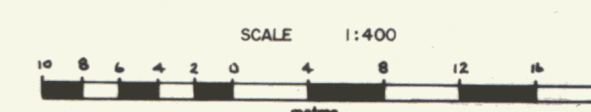
**FIGURE WJV 80-I-45**  
 ARCHER, CATHRO & ASSOCIATES LTD

**SECTION HOLE 80I012**

090756

**IGOR PROPERTY**

**WERNECKE JOINT VENTURE**



**JAN 23 1981**

To accompany report dated 09/07/80