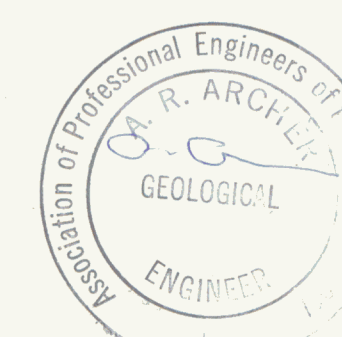


**LOCATION MAP SCALE 1:2500**

0 25 50 75 100  
METRES

**LEGEND**

- HELIKIAN**
- Iron-Rich Breccia (HB4): high but variable concentrations of hematite to massive magnetite hematite with associated barite, pyrite, chalcopryite & carbonates, both in matrix & replacing breccia fragments
  - Chertic Breccia (HB5): dark green chertic matrix & fragments of often hematitic, associated with HB4 & fault zones
  - Red-Brown Breccia (HB6): hematitic breccia with carbonate, chlorite & hematite matrix containing altered, subround to fragments. Pink to red brown & grey to light green fragments. Breccia varies from matrix to fragment supported, silty, laminated
  - Light Green Breccia (HB2): strongly foliated, silty grey to red brown weathering breccia consisting of light green to pink phyllites, white to pink quartzite & non-lying phyllite fragments in a silty to pink carbonate matrix. Breccia is always fragment supported. Weathers recessively compared to HB1
- HELIKIAN?**
- Quartzite Group (HS1): grey to black shale, silt & phyllite interbedded with quartzites & siltstones exhibiting turbidite structures
  - Altered Quartzite Group (HS4): bleached, hematized & carbonized equivalent of HS1, pale green phyllites, brown weathering grey siltstones and white-pink quartzites, occasionally silty
- FAULT**
- ppm U
  - ppm Cu
  - ppm Co
- Mineral occurrences:**
- (5%) - the percentage of rocks in the occurrence area that are mineralized; if no square bracketed number is given, less than 1% of the rocks are mineralized.
  - Cp 1-2%, Py 5-10% - average mineral content of mineralized fragments
  - (He, Mg) - minor minerals present
  - single rock location with % of various minerals
- Legend symbols:**
- Cp 5% Py 10%
  - △ trace chalcopryite
  - Py
  - △ magnetite
  - hematite
  - △ malachite
  - azurite
  - △ barite
  - siderite



**FIGURE WJV 80-166**

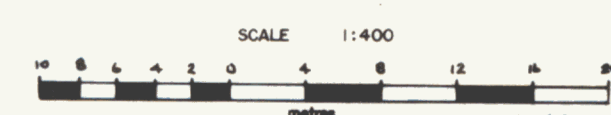
ARCHER, CATHRO & ASSOCIATES LTD

**SECTION HOLE 801019**

090756

**IGOR PROPERTY**

**WERNECKE JOINT VENTURE**



**JAN 23 1981**

To accompany report dated 090756

**HOLE 801019**  
**COORDINATES 35°27'N, 00°49'57.5W**  
**COLLAR ELEVATION 1169 m**  
**AZIMUTH 180 DIP -50**  
**DEPTH 145.8 (481')**  
**SECTION FACING EAST**

