

50 25 0 50
METRES

LEGEND

- HELIKIAN**

 - ▲ ▲ ▲ Iron-Rich Breccia (HB4): high but variable concentrations of a) euhedral to massive hematite, nephrite with associated barite, pyrite, chalcophyllite & carbonates, both in matrix & replacing the fragments.
 - ● ● Chertic Breccia (HB5): dark grey chertic matrix & B fragments often hematitic, associated with HB5 & fault zones.
 - ▲ ▲ ▲ Red Brown Breccia (HB1): heterolithic breccia with carbonate, chlorite & hematite matrix; containing altered, subround B fragments. Pink to red brown B grains to light grey 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) silty matrix, white to pink carbonate & varying grey phyllite fragments in a tan & pink carbonate matrix. Breccia is always fragment supported. Weathered increasingly compared to HB1 silty-matrix.

HELIKIAN

 - ▨ ▨ ▨ Quarter Grou (HS): grey to black shale, slate & phyllite interbedded with quartzites & siltstones exhibiting tubular structures.

▨ ▨ ▨ Altered Quarter Grou (HSa): bleached, hematized & carbonatized equivalent of HS, pale green quartzites, brown weathering grey siltstones and white-pink quartzites, occasionally limy.

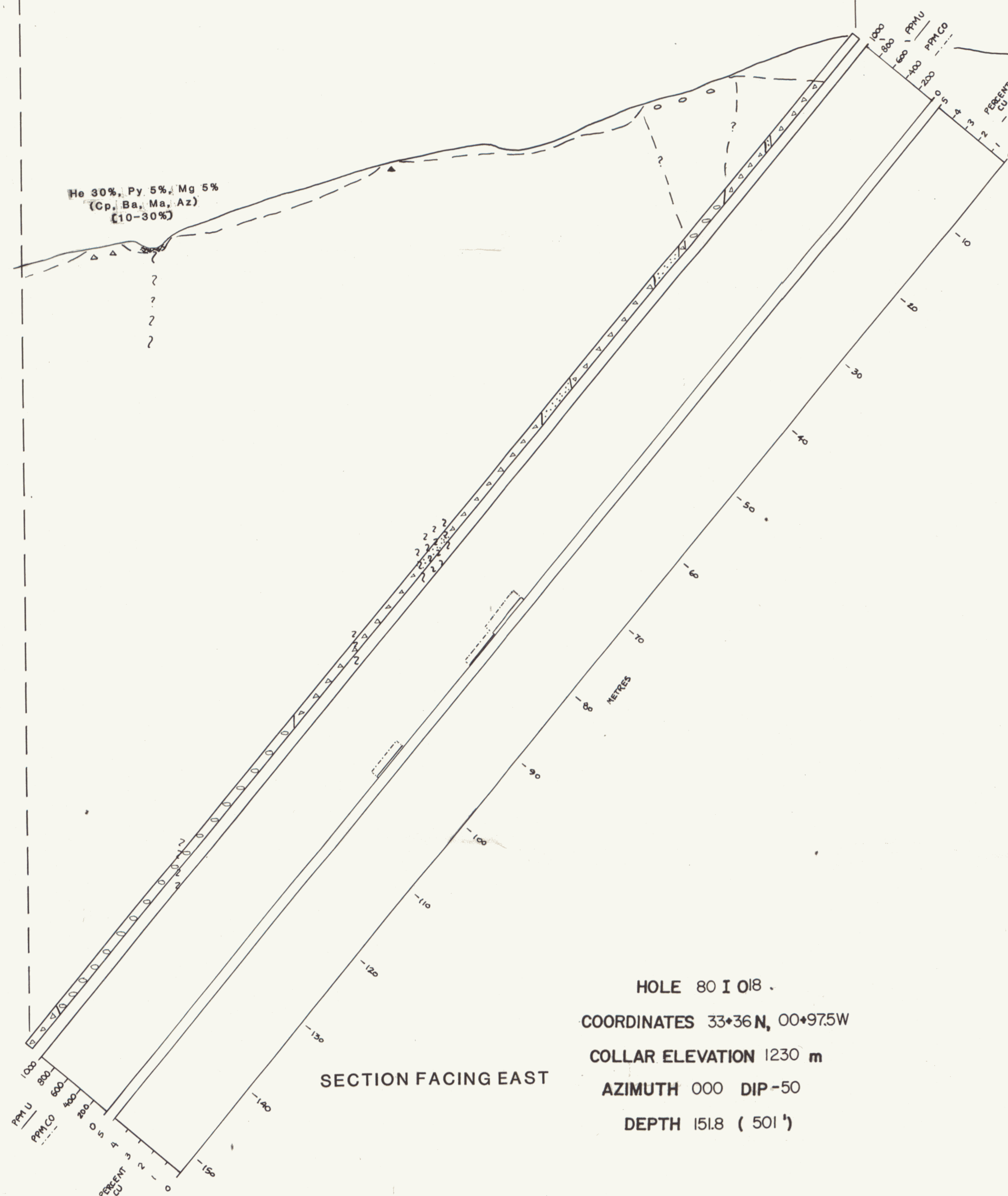
~ ~ ~ fault

~ ~ ~ ppm U

~ ~ ~ ppm Cu

~ ~ ~ ppm Co

- Cp 1-15%
 Py 5-10%
 (Hc, Mg)
 (Cp)
- 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 (Hc, Mg) - minor minerals present
- Cx 5%
 Py 10%
- single rock location with % of various minerals
- T trace
 Chalcopyrite
 Py pyrite
 Mg magnetite
 Hc hematite
 Ma malachite
 Az azurite
 Bc barite
 Sd siderite



HOLE 80 I 018 .
COORDINATES 33°36'N, 00°09'57"W
COLLAR ELEVATION 1230 m
AZIMUTH 000 DIP -50
DEPTH 151.8 (501')

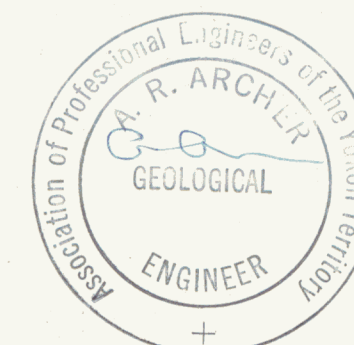


FIGURE WJV 80-I63

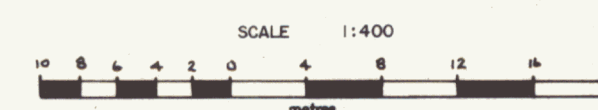
ARCHER, CATHRO & ASSOCIATES LTD

SECTION HOLE 80I018

090756

IGOR PROPERTY

WERNECKE JOINT VENTURE



JAN 23 1981

To accompany report dated [REDACTED]