

Log Diamond Drill Hole

Angie Claims Irvine Lake, Y.T.

Grid N^o. 64 Cross Grid

Hole Number: A - 5

20 + 25 N

Angle: 50°

Depth: 317'

16 + 50 W

Elevation: 4560'

Direction: East

Date Started: August 14, 1975 Finished: August 15, 1975

Drilled by: D. J. Drilling Co. Ltd.

Logged by: Ivan Young

0.0 9.0 Casing

9.0 50.5 Grey-green, well bedded marble, few sections quartz chlorite gneiss, iron oxide in occasional fractures.

50.5 145.3 Grey-green-brown, quartz biotite chlorite gneiss. Short sections marble, few sections brecciated quartzite, sections garnetiferous, iron oxide in fractures, numerous quartz and carbonate stringers.

145.3 149.2 Chlorite, muscovite, carbonate, quartz gneiss, sections chlorite schist, well foliated, carbonates in fractures, occasional quartz stringers.

149.2 163.6 Grey-green quartz, muscovite, chlorite gneiss, carbonates in fractures, few quartz and carbonate stringers.

163.6 166.2 Brecciated quartzite, chlorite in breccia.

Mineralization:

163.6 - 166.2 Trace - 2% Fluorite

166.2 169.2 Quartz, chlorite, mica gneiss, sections slightly brecciated.

Mineralization:

166.2 - 169.2 Trace - 3% Fluorite

169.2 171.3 Quartz-chlorite breccia.

Mineralization:

169.2 - 171.3 Trace - 2% Fluorite

171.3 190.0 Quartz chlorite biotite gneiss, few quartz and carbonate stringers, occasional quartz filled vugs in core. Marble from 176.9' - 178.8'.

Mineralization:

173.0 - 173.3 5% Fluorite
183.5 - 184.0 15% Fluorite
185.2 - 186.2 1% - 3% Fluorite
186.2 - 186.7 50% Fluorite

190.0 205.4 Quartz, chlorite, carbonate gneiss grey-green in color, few quartz stringers, occasional specks of pyrrhotite in core.

205.4 220.9 Quartz, chlorite, mica gneiss, well foliated, sections garnetiferous, minor amounts of pyrrhotite in gneiss.

220.9 323.1 Quartz biotite gneiss, minor amounts of chlorite and carbonate in gneiss.

232.1 317.0 Grey-green marble, some sections well bedded, occasional narrow quartz veins and stringers. Few short sections quartz biotite chlorite gneiss in marble. Occasional specks of pyrrhotite in core.

Lost Core: 120.4 - 123.0

Core Angles: 63° at 46'
76° at 99'
68° at 223'
78° at 273'

End of Hole: 317'