

Log Diamond Drill Hole

Angie Claims Irvine Lake, Y.T. Grid No. 4 Cross Grid

Hole Number: A-6

12 + 00 N
15 + 50 W

Dip: -50° Depth: 337'
Elevation: 4445' Direction: East

Date Started: August 17, 1975 Finished: August 19, 1975

Drilled by: D. J. Drilling Co.

Logged by: Ivan Young

0.0 12.0 Casing

12.0 27.7 Quartz chlorite biotite gneiss, generally well foliated. Sections garnetiferous occasional narrow veins rose quartz in core. Carbonate abundant in gneiss iron oxide in fractures. Occasional specks pyrite in core.

27.7 113.0 Grey-green quartz chlorite gneiss, few sections garnetiferous. Occasional band of rose quartz in gneiss, limestone from 89.7' - 91.2' and limestone mud from 107.0' - 110.8'. Iron oxide and carbonates fill fractures. Occasional specks pyrite and pyrrhotite in gneiss.

Mineralization:

100.3 - 102.4, 5% Fluorite
102.4 - 103.3, 30% Fluorite
103.3 - 104.0, 5% Fluorite
104.0 - 104.8, 20% Fluorite
104.8 - 106.0, 5% Fluorite
106.0 - 107.0, Trace Fluorite

- 113.0 137.4 Quartz biotite gneiss, minor amounts of carbonate and chlorite in gneiss. Occasional rose quartz veins, some sections garnetiferous, iron oxide and carbonates in fractures.
- 1 Mineralization:
 127.8 - 128.1 10% Fluorite Trace pyrite
 136.8 - 136.9 Trace - 1% Fluorite
- 137.4 168.2 Quartz chlorite mica gneiss, iron oxide and carbonate in fractures, Occasional narrow rose quartz veins.
- Mineralization:
 138.2 - 138.7, Trace pyrite
 Trace - 1% Sphalerite
 146.2 - 146.8, 2% pyrite
 1% sphalerite
- 168.2 207.3 Light grey marble, few sections quartz chlorite gneiss, marble generally well bedded, bedding contorted in some sections. Occasional specks pyrite and pyrrhotite in core.
- Mineralization:
 186.3 - 186.5, 2% graphite
- 207.3 223.2 Quartz, chlorite, carbonate gneiss.
- 223.2 232.6 Quartz, biotite chlorite gneiss, carbonates in fractures, occasional quartz stringers, few specks pyrite in gneiss.
- 232.6 259.0 Quartz, chlorite carbonate gneiss, grey-green in colour, short sections marble in gneiss.
- Mineralization:
 237.7 - 238.2, 3% pyrite

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232.6 259.0 Mineralization: contd:
247.7 - 248.0 3% pyrite
250.0 - 251.8, 1% pyrite
1% pyrrhotite

259.0 262.3 Grey, massive marble
Mineralization:
259 - 259.3, 2% pyrite

262.3 273.0 Quartz, chlorite gneiss, sections vuggy limestone
in gneiss.
Mineralization:
262.3 - 268.7, 2% pyrite, trace pyrrhotite
trace graphite

273.0 275.1 Grey, massive marble

275.1 282.2 Quartz, chlorite, mica gneiss, carbonate abundant
in gneiss. occasional quartz stringers, occasional
pyrite specks in core.

282.2 285.9 Grey, massive marble

285.9 303.1 Quartz chlorite gneiss, carbonate in fractures.
Mineralization:
293.5 - 293.6, 1% pyrite, 1% galena, 1% sphalerite
299.7 - 303.1, 2%-3% pyrite

303.1 307.0 Grey quartzite, sections brecciated
Mineralization:
303.1 - 304.9, 2% - 4% pyrite

307 337.0 Grey-white marble, slightly brecciated from 307'
to 313.9'.

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307 337.0

Mineralization:

313.9 - 316.0, Trace - 1% pyrite

End of Hole 337'

Lost Core: 87.1 - 88.7

Core Angles: 69° at 96', 76° at 222', 69° at 272'.