

# Log Diamond Drill Hole

Angle Claims Irvine Lake, Yukon T. Grid No: 04 Cross Grid

Hole Number: A - 7

16 + 00 N Angle: 60° Depth: 365'  
17 + 00 W Elevation: 4485 Direction: East

Date Started: August 20, 1975 Finished: August 21, 1975

Drilled by: D. J. Drilling Company Ltd.

Logged by: Ivan Young

0.0 12.0 Casing  
12.0 42.0 Severely weathered quartz mica gneiss. Abundance  
of iron oxide, minor amounts of chlorite.  
42.0 54.4 Quartz chlorite gneiss, short sections quartz mica  
gneiss and limestone, occasional quartz and carbonate  
stringers. Iron oxide in fractures, occasional  
pyrite specks in core.

## Mineralization:

52.3 - 53.0, 2% - 3% pyrite

54.4 75.5 Grey marble, sections massive brecciated from 66.9'  
69.3'

## Mineralization:

57.0 - 59.7, 2% pyrite trace Fluorite

60.8 - 61.4, 2% pyrite trace Fluorite

65.4 - 66.9 10% pyrite 1% sphalerite

66.9 - 67.8, 2% pyrite trace graphite  
trace sphalerite

67.8 - 68.6, 10% pyrite 1% - 2% graphite  
3% sphalerite

68.6 - 69.3, 1% pyrite 30% graphite  
trace sphalerite

54.4 75.5 Mineralization..contd.

69.3 - 71.6, Trace - 1% pyrite  
Trace - 2% graphite

75.5 139.2 Quartz, chlorite, mica gneiss. Occasional narrow bands of rose quartz in gneiss, sections, garnetiferous iron oxide and carbonates in fractures. Occasional specks pyrite & pyrrhotite in core.

Mineralization:

133.8 - 134.4, 80% Fluorite.

139.2 248.0 Quartz chlorite carbonate gneiss, minor amounts biotite in some sections, sections slightly brecciated. Sections limestone in gneiss.

Mineralization:

159.9 - 160.9, 90% Fluorite

160.9 - 161.8, 2% Fluorite

181.9 - 183.6, 5% pyrite

187.5 - 188.9, 3% pyrite

190.0 - 192.9, 10% fluorite , trace pyrite

193.9 - 194.2, 5% fluorite

197.5 - 197.8, 5% fluorite

199.6 - 201.5, 3% fluorite

201.5 - 203.5, 60% fluorite

230.7 - 233.0, 5% - 7% fluorite

238.4 - 238.9, 15% fluorite

243.7 - 244.6, trace - 1% fluorite

246.7 - 248.0, 2% pyrite, 1% sphalerite, 1% galena

248.0 250.5 Brecciated quartzite

Mineralization:

249.2 - 250.5, 1% pyrite, 1% sphalerite, 1% galena

250.5 - 365.0 Quartz chlorite carbonate gneiss biotite and garnets  
in some sections, numerous quartz stringers.

Occasional specks pyrrhotite in gneiss.

Mineralization:

250.5 - 251.6, trace pyrite, trace galena

2% sphalerite

251.6 - 253.5, trace pyrite, trace galena,  
trace sphalerite

253.5 - 257.0, 3% sphalerite  
trace - 2% pyrite  
trace - 2% galena

257.0 - 258.6, trace - 1% sphalerite  
trace galena  
trace - 1% pyrite

260.8 - 264.5, trace sphalerite  
trace - 1% pyrite  
trace galena

289.5 - 290.0, 2% pyrite  
trace - 1% sphalerite  
trace galena

358.4 - 359.8, 3% pyrite

Lost Core: 17.4 - 26.0, 26.5 - 30.0, 119.4 - 121.5,  
265 - 266.0

Core Angles:  $60^{\circ}$  -  $80^{\circ}$

END OF HOLE