

## Log Diamond Drill Hole

Tom Claims, Yukon.

Hole Number: U-3

Flat

Direction: N66°27'E

N77949.53  
E50907.10

Elevation: 4755.97

Depth: 35.0'

Started: August 27th, 1970. Finished: August 27th, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.

Logged By: I. Young.

- 0.0 11.5 Grey baritic limestone, fine grained well bedded, some contortion, occasional thin beds chert and argillite, slight pyrite and galena, brown disseminated sphalerite in bedding. Lost core: 0.5-1.1', 1.6-2.2', 2.7-3.4', 3.9-4.5', 5.0-5.7', 6.1-6.8', 7.3-8.0', 8.5-9.0', 9.5-10.0', 10.8-11.5'. core angles: 38° at 1.5', 42° at 9.0'.
- 11.5 18.8 Grey, fine grained argillite, odd thin bed baritic limestone, some contortion, slight to fair pyrite, massive pyrite from 12.7-12.9', slight galena, pale brown disseminated sphalerite in bedding, carbonate in fractures. Lost core 14.3-15.0'.
- 18.8 22.5 Grey fine grained argillite, carbonates abundant, numerous fractures, occasional quartz stringers, fair pyrite, lost core 18.8-20.0', 21.8-22.5'.
- 22.5 35.0 Black graphitic well bedded argillite, siliceous, slight pyrite, few quartz stringers, carbonates in fractures, lost core 23.8-24.5', 26.4-27.1', 28.6-29.3'. Core angles: 21° at 25', 23° at 33'.  
END OF HOLE 35.0'

## Log Diamond Drill Hole

Tom Claims Yukon.

Hole Number U-4

Flat

366° 27'W

N77941.79  
E50892.52

Elev. 4755.97

Depth 119'

Date Started: Aug. 27th, 1970. Finished: Aug. 28th, 1970

Drilled By: Cameron McCutcheon Drilling Ltd.

Logged By: I. Young

- 0.0 83.4 Grey baritic limestone, well bedded, considerable contortion, narrow beds black chert, odd stringers white quartz, slight pyrite and galena, disseminated pale brown sphalerite in bedding. Lost core: 0.4-1.1', 1.5'-2.1', 6.3-7.7', 8.7-9.3', 10.2-10.8', 47.9-48.5', 49.3-50.0', 56.1-56.4', 59.0-59.5', 76.1-76.5'. core angles: at 0.0' 20°, at 8.5' 20°, at 15' 31° at 20' 20°, at 22' 38°, at 25.5' 35°, at 28' 43° 26°, at 30.0' 26°, at 33.5' 22°, at 39.5' 22°, at 44.5' 30° at 51' 34°, at 55' 26°, at 60' 24°, at 65' 30° at 70' 29°, at 75' 26°.
- 83.4 85.9 Black graphitic argillite, fine grained, siliceous, well bedded, beds contorted, few thin beds contorted baritic limestone, slight galena, slight to fair pyrite, slight sphalerite, occasional stringers white quartz, core angle at 84' 63°.

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85.9 110.0 Black graphitic argillite, well bedded, siliceous,  
very slight pyrite, occasional stringers white  
quartz, carbonate in fractures, core angles:  
at 88' 30°, at 93.5' 46°, at 103' 48°.  
END OF HOLE 111.0'

Log Diamond Drill Hole:

Hole Number: U-5                      Flat                      N56°E  
N79909.91                      Elevation: 4754.63                      Depth: 175'  
E51067.16

Started: September 10th, 1970,      Finished: Sept. 13, 1970

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young.

0.0 56.2 Black siliceous graphitic argillite, well bedded  
some contortion, numerous thin quartz stringers,  
carbonate in fractures, slight pyrite, some pyrite  
crystals leached, fair galena and sphalerite from  
~~36.5-39.2'~~ 42.2', visible galena at 42.2' and 49.1'.  
Lost core: 15.0-15.7', 16.9-17.6', 19.3-20.0',  
31.9-32.4', 33.0-35.8'.  
Core angles: 36° at 1.5', 34° at 16.4', 29° at 21.0',  
28° at 25.3', 35° at 31.4', 27° at 48.2'.  
56.2 101.7 Grey siliceous argillite, well bedded, considerable  
contortion, numerous thin contorted siltstone beds,  
with fair pyrite, few quartz stringers, carbonate  
in fractures, lost core 77.4-78.1'.  
Core angles: 35° at 58.5', 28° at 63.0', 27° at 66.5',  
27° at 70.5', 24° at 76', 30° at 82.0', 36° at 89.5',  
19° at 91.2', 49° at 99.5'.  
101.7 103.4 Conglomerate, angular chert and argillite fragments,  
fair quartz slight pyrite.  
103.4 125.7 Grey siliceous argillite, well bedded, numerous  
siltstone beds, considerable contortion, few quartz  
stringers, carbonates in fractures, slight pyrite.  
Lost core: 123.0-124.0'.