

Log Diamond Drill Hole.

Hole Number: U-7

Flat

N60°E

N79748.99
E51181.06

Elevation: 4755.37

Depth: 153'

Started: Sept. 17th, 1970. Finished: Sept. 20th, 1970.

Drilled by: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young.

0.0 13.5 Black graphitic argillite, fine grained, siliceous, well bedded, few contorted beds siltstone, few quartz stringers, slight pyrite, lost core: 1.5-2.2', 3.1-3.8', 6.1-6.8', 8.0-8.7', 10.2-10.9', 13.2-13.9'. core angles: 22° at 4.0', 49° at 9.0', 59° at 11.0'.
14.5 31.6 Grey fine grained argillite, well bedded, numerous siltstone beds, siltstone very abundant from 21.3-22.7', 26.1 - 27.7', considerable contortion, few quartz stringers, slight pyrite, carbonates in fractures. Lost core: 15.0-16.3', 18.7-19.2', 20.9-21.3'. Core angles: 30° at 17.2', 54° at 23', 47° at 25', 20° at 28'.
31.6 32.9 Black graphitic siliceous argillite, lost core 32.6-32.9'.
32.9 36.5 Grey, fine grained argillite, numerous contorted siltstone beds, odd stringer quartz, slight pyrite, lost core: 36.2-36.5', core angle at 33.3' 40°.
36.5 63.7 Black graphitic siliceous argillite, well bedded, few contorted siltstone beds, few quartz stringers, carbonated in fractures. Lost core: 37.0-37.7', 38.3-39.0', 40.3-40.7', 46.2-46.8', 47.8-48.5', 50.6-51.3', 52.0-52.7', 53.4-54.1', 54.7-55.0', 56.4-61.2'

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Log Hole U-7 Contd.

Core angles: 42° at 43.5', 53° at 45.4', 41° at 55.7', 37° at 63.0'.
63.7 66.2 Black graphitic argillite, few quartz stringers, carbonate in fractures, fair pyrite, mineralized fine grained galena and pale brown disseminated sphalerite.
66.2 85.0 Black graphitic argillite, siliceous, few siltstone beds, some considerably contorted, carbonate in fractures, few quartz stringers, slight pyrite, pyrite abundant from 66.6-71.6' odd speck galena from 66.6-85.0'. Lost core: 66.2-66.6', 76.8-78.1', 80.3-81.0'.
85.0 125.0 Grey well bedded argillite, some crossbedding in siltstone, considerable contortion, thin quartz stringers abundant, slight pyrite, carbonate in fractures, graphite in occasional fractures. Lost core 101.7-102.4'. Core angles: 38° at 88.8', 35° at 94.1', 41° at 99.1', 20° at 106.6', 66° at 118.6', 42° at 123.4'.
125.0 130.5 Siltstone, fine grained, numerous quartz stringers, slight pyrite, Core angles 32° at 129'.
130.5 153.0 Grey argillite, numerous siltstone beds, considerable contortion, few quartz stringers, slight pyrite, carbonates in fractures, graphitic from 147.0-148.0', core angles: 35° at 141', 39° at 150', 39° at 152.5'.
END OF HOLE 153.0'.