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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'.

Log diamond Drill Hole U-5 Contd.

Core angles:  $\alpha$  18° at 104.5', 28° at 109.5', 48° at 113.0', 28° at 117.4', 17° at 122.8'.

125.7 128.0 Conglomerate, medium grained angular chert, argillite and quartz fragments, slight pyrite. Lost core: 126.3-127

128.0 157.6 Grey argillite, well bedded, several siltstone beds, considerable contortion, few quartz stringers, carbonate in fractures, slight pyrite. Lost core: 130.0-132.3', 134.1-134.5', 135.0-135.7', 139.0-139.5', 140.0-141.4', 142.1-142.5', 143.7-145.7', 147.8-148.5'. Core angles: 27° at 128.5', 25° at 136.6', 18° at 147.7', 14° at 149.4', 36° at 154.5', 24° at 156.3'.

157.6 160.6 Brown siltstone, medium grained, few quartz stringers, slight pyrite, some leached. Lost core: 159.3-160.6'.

160.6 162.1 Conglomerate, angular fragments, 1/20-1/4", slight pyrite.

162.1-174.3 Grey argillite, numerous siltstone beds, considerable contortion, few stringers white quartz, carbonate in fractures, slight pyrite. Core angles: 13° at 162.2', 15° at 166.5', 30° at 171.6'.

174.3 175.0 Conglomerate, angular fragments of chert, quartz and argillite, slight pyrite.

END OF HOLE 175.0'.

Log Diamond Drill Hole.

Hole Number: U-6 Flat S60°W  
N79903.37 Elevation: 4754.63 Depth: 50.0'  
E51055.92

Started: September 14th, 1970. Finished: September 14th, 1970.

Drilled By: Cameron McCutcheon Drilling

Logged By: I Young

0.0 2.2 Grey fine grained argillite, well bedded, thin limestone beds, considerable contortion, slight galena, pale brown disseminated sphalerite in bedding, slight pyrite, numerous quartz stringers, carbonate in fractures, core angle at 1.1' 20°.

2.2 7.5 Grey fine grained argillite, near massive galena, and pale brown sphalerite, fair pyrite, few quartz stringers, carbonate in fractures.

7.5 8.6 Black graphitic argillite, siliceous, numerous fractures, few quartz stringers.

8.6 50.0 Grey fine grained argillite, well bedded, with interbedded siltstone, yellow siltstone abundant from 28.7-35.8', considerable contortion in some beds, few quartz stringers, pyrite abundant from 23.1-24.6', 27.2-27.9', some leaching of pyrite crystals, carbonate in fractures, lost core: 10.4-11.0', 34.8-35.0', 37.9-38.2', core angles: 24° at 11.7', 54° at 13', 18° at 16.7', 16° at 22', 11° at 29', 28° at 40', 21° at 42', 75° at 44.5'.

END OF HOLE 50.0'