

# Log Diamond Drill Hole.

Hole Number: U-23      Dip: 0°  
 No. 218.03      Elevation: 4755.77  
 E50989.54      Depth 35.0'      Bearing: N63° 14'E

Date Started: October 28th, 1970,      Finished: October 29th, 1970

Drilled By: Cameron McCutcheon Drilling Ltd..

Logged By: I. Young

0.0    16.5    Grey, siliceous argillite, well bedded, numerous siltstone beds, occasional stringer white quartz, slight pyrite, fair from 11.2-11.8', Lost core: 0.0-0.7', 1.5-2.3', 3.0-3.6', 5.4-6.1', Core angles: 32° at 3.7', 28° at 8.6', 39° at 14.4'

16.5    35.0    Conglomerate, medium sized fragments of quartz, chert and ~~XXXX~~argillite, occasional beds of grey argillite from 18.7-20.3', from 21.8-23.6' slight pyrite, some oxidation, occasional stringers white quartz, carbonates in fractures, core angles: 30° at 19'.

END OF HOLE 35.0'

# Log Diamond Drill Hole.

Hole Number: U-24      Dip: 0°      Bearing: S60° 30' W  
 N80213.25      Elevation: 4755.72  
 E50973.76      Depth: 269'

Date Started: October 29, 1970,      Finished: ~~XXXXXX~~ November 5, 1970

Drilled By: Cameron McCutcheon Drilling Ltd..

Logged By: I. Young

0.0    7.4    Conglomerate, angular fragments chert, quartz and argillite, slight pyrite, some oxidation of pyrite 0.0-0.6' argillite, Lost core 2.4-6.4'

7.4    35.5    Dark grey siliceous argillite, in parts graphitic, occasional chert beds, well bedded, some contortion, carbonate in fractures, slight pyrite, mineralized slight galena and sphalerite from 7.4-34.1', fair galena from 13.5-33.0', core angles 13° at 9.3', 49° at 15.5', 33° at 19.2', 38° at 23.5', 34° at 28'.

35.5    38.0    Massive pyrite, odd speck of galena, carbonates in fractures.

38.0    53.5    Black graphitic siliceous argillite, numerous quartz stringers, carbonates in fractures, massive pyrite from 47.2-48.6' with odd speck galena, mineralize d pyrite from 49.7-53.5', few specks chalcopyrite, galena and sphalerite in pyrite (49.7-53.5'), Core angle 35° at 39.5'

53.5    269.0    Grey, siliceous argillite, well bedded, numerous thin siltstone beds, slight pyrite, con lomerate from 55.8-56.0', occasional quartz string ers, abundant from, ~~XXXXXXXXXXXX~~ 226.0-227.2', core broken from 61.5-94.5', and from 230-256.6', mud in sections 230.0-250.0'. Sludge samples taken

Log hole U-2A contd.

in the following: 80.0-90.0', 230.0-240.0',  
240.0-250.0'. The amount of water produced by this  
hole started to increase rapidly at 200'. Lost  
core: 62.8-64.0', 65.2-66.7', 70.4-71.8', 74.3-  
75.0', 82.3-84.3', 85.5-88.8', 217.5-218.1',  
227.5-228.2', 231.0-233.0', 233.7-238.3', 242.5-  
251.4', 256.0-258.6'. Core angles: 46° at 57.7',  
59° at 69', 56° at 73.5', 36° at 102', 55° at 109',  
42° at 113.5', 65° at 123.5', 37° at 127.4', 49°  
at 136.8', 45° at 142', 57° at 156', 67° at 161',  
43° at 166.4', 48° at 173.3', 42° at 186.6', 37° at  
191', 57° at 196', 56° at 203.5', 41° at 208.8',  
38° at 213.7', 44° at 223.9', 28° at 227.0', 37° at  
253.5', 24° at 259.5', 17° at 263.5', 8° at 268.5'.  
End of Hole 269.0'

Log Diamond Drill Hole.

Hole Number U-25

Dip: 0°

Depth: 94'

N80217.68  
E50974.52

Elevation: 4755.72  
Bearing: N71°20'W

Date Started: November 5th, 1970, Finished: November 7th, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young

0.0	54.0	Dark grey, siliceous argillite, slightly graphitic well bedded, numerous thin beds siltstone, slight pyrite, some oxidation, few quartz stringers, conglomerate 5.1-5.4', carbonate in fractures, mineralized slight galena and red brown disseminated sphalerite in bed from 42.5-53.7', core broken from 25.0-36.0' and 39.0-50.0', Lost core 4.3-5.0', 17.2-18.6', 25.0-27.7', 31.1-33.1'. Core angles: 52° at 1.2', 30° at 13.5', 34° at 21.0', 25° at 38.4', 62° at 49.5', 32° at 52.5'.
54.0	55.2	Conglomerate, subangular fragments of chert, quartz and argillite, slight pyrite.
55.2	77.5'	Black graphitic argillite, well bedded, considerable contortion, fair pyrite, some oxidation, carbonate in numerous fractures, occasional quartz stringers, mineralized slight galena and sphalerite from 62.1-63.1', very slight from 66.1-69.4', slight galena and sphalerite from 69.4-71.8', few graphitic galena from 71.8-74.4', core recovered from 33-34.1'. Lost core 57.2-58.6', 60.2-62.1', 76.2-77.5'. Core angles: 16° at 59'.