

Log Diamond Drill Hole U-51, Contd.

Core angles: 50° at 93', 46° at 98.5', 75° at 110', 49° at 120.0', 83° at 125', 62° at 134', 48° at 140', 71° at 150'.

152.5 176.0 Black graphitic argillite, well bedded from 152.5-160.0', occasional limestone beds in above section with visible galena and sphalerite, argillite is massive from 160.0-176', white quartz stringers, slight pyrite, carbonate in fractures, Core angles: 61° at 159.5', 75° at 174.5'.

End of Hole 176'

Log Diamond Drill Hole.

Hole Number: U-52

N77019.54 Dip: -50° Bearing: N65°E
E50792.53 Elevation: 4755.36 Depth:

Date Started: December 26th, 1970, Finished: Jan. 11th, 1971.

Drilled By: Cameron McCutcheon Drilling Ltd..

Logged By: I. Young.

0.0 4.6 Casing.

4.6 314.0 Black, well bedded graphitic argillite, siliceous, very slight pyrite, stringers white quartz, graphite and carbonate in fractures, occasional contorted beds siltstone, core broken from 50-250'. Lost core: 80.-8.6', 16.0-16.7', 17.4-18.1', 18.8-20.0', 21.0-22.3', 25.0-26.3', 27.2-27.9', 28.5-29.1', 30.0-30.7', 50.0-50.7', 51.9-52.6', 56.0-57.3', 59.4-61.3', 63.0-63.6', 64.4-65.0', 66.1-67.4', 68.1-70.0', 73.2-73.8', 75.9-76.6', 78.2-79.6', 80.0-80.7', 81.7-82.4', 83.1-83.7', 84.4-85.0', 85.8-87.1', 88.8-89.5', 90.0-93.3', 97.6-98.2', 100.5-103.8', 104.4-105.0', 105.8-107.8', 108.1-110.0', 110.6-111.9', 112.6-113.2', 113.8-117.6', 118.0-120.7', 122.0-122.7', 127.2-127.9', 129.4-130.7', 131.8-132.4', 133.3-134.6', 135.2-136.5', 137.0-137.7', 138.2-139.5', 140.1-140.8', 141.8-143.2', 143.7-145.0', 146.2-148.2', 148.8-150.6', 151.9-157.0', 157.6-158.4', 159.2-161.0', 161.6-163.0', 163.6-165.9', 166.3-167.6', 168.6-169.3', 170.3-174.4', 175.3-177.9'.

Log Diamond Drill Hole U-52, Contd.

178.2-180.7', 181.2-183.9', 184.4-185.7', 186.1-188.1, 188.7-193.3', 194.4-197.7', 198.7-200.0', 201.1-202.4', 202.9-204.6', 205.0-205.6', 206.7-207.3', 207.9-209.0', 210.9-211.6', 216.3-217.6', 219.0-219.6', 222.7-224.5', 225.7-229.0', 229.4-232.0', 232.5-233.1', 233.7-235.0', 235.7-236.4', 243.7-245.0', 246.5-247.2', 248.8-248.8', 249.4-250.0', 257.2-257.9', 258.7-260.0', 260.8-261.4', 265.0-266.3', 268.0-268.7', 273.3-274.5', 281.1-281.8', 283.2-283.9', 295.8-296.4'.

Core angles: 41° at 10', 43° at 21', 53° at 31.5', 59° at 48', 50° at 73', 49° at 84', 52° at 99', 63° at 104', 68° at 124.4', 65° at 133', 46° at 141.5', 52° at 225', 81° at 235', 67° at 242', 52° at 246.5', 66° at 255', 61° at 267', 64° at 276.5', 43° at 289', 70° at 295', 75° at 307.5', 82° at 314'.

Hole abandoned at 314 feet due to sand and graphitic mud caving from higher up the hole.
Mud at 155'

Log Diamond Drill Hole.

Hole Number: U-53

N78654.34
E50519.68

Dip: 0°
Elevation: 4752.52

Bearing: S65°09'W
Depth: 81'.

Date Started: Dec. 26th, 1970, Finished: Dec. 27th, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young.

0.0 53.5 Grey well bedded baritic limestone, numerous grey argillite and chert beds, considerable contortion, slight pyrite, slight galena and light pink sphalerite in bedding, occasional quartz stringers, barite crystals and carbonate in fractures, grey argillite with no mineralization from 40.0-40.9', core angles: 50° at 5', 57° at 14.5', 64° at 25', 72° at 30', 64° at 35', 66° at 44.5', 62° at 49'.

53.5 69.7 Black and white argillaceous limestone, well bedded, considerable contortion, limestone in narrow beds in graphitic argillite, slight pyrite, mineralized very slight galena and disseminated sphalerite from 53.5-65.0', few specks galena and sphalerite from 65.0-69.7', numerous quartz stringers, graphite and carbonate in fractures, lost core: 56.4-57.1', Core angles: 71° at 55', 66° at 60', 62° at 69'.

69.7 81.0 Black graphitic argillite, fairly massive, occasional quartz stringers, graphite in fractures, very slight pyrite.