

Log Diamond Drill Hole.

Hole Number: U-47 Dip: -60° Bearing N64°E
 N77218.36
 E507-0.0257 Elevation: 4755.37

Date Started: December 14th, 1970, Finished: Dec. 20th, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young.

0.0 3.3 Casing

3.3 346.0 Black graphitic argillite, very siliceous, well bedded, occasional siltstone beds, numerous quartz stringers, carbonate in fractures, along with graphite, slight pyrite, some contortion, core broken from 51-150', very slight galena and sphalerite from 344.6-346.0', Lost core: 36.8-40.7', 42.4-43.7', 68.6-69.2', 70.7-73.4', 75.2-75.9', 76.6-77.3', 77.7-78.4', 79.4-80.0', 80.5-81.8', 84.2-85.0', 86.8-88.1', 88.8-91.3', 92.4-94.4', 96.3-97.0', 98.0-99.4', 101.0-102.3', 111.2-112.5', 114.4-118.3', 123.0-124.4', 125.0-127.6', 131.2-131.9', 132.4-133.1', 133.6-134.3', 136.3-136.9', 138.0-138.7', 141.5-142.1', 143.1'-143.8', 144.4-145.0', 145.6-146.3', 147.3-148.0', 148.4-149.1', 228.7-230.0', 231.9-232.6', 270.0-270.6', 274.4-275.0', 281.0-282.3', 283.5-284.2', 286.6-287.3', 288.5-289.1', 290.9-291.6', 292.6-297.5', 302.3-303.6', 305.0-307.0', 326.0-329.1', 330.0-332.0', 332.8-334.7', 335.8-339.1', 340.6-344.6'.

- 2 -

Log Diamond Drill Hole U-47, Contd.

Core angles: 31° at 6.1', 30° at 17', 59° at 25.5', 57° at 32.5', 26° at 42', 50° at 69.5', 65° at 94.5', 52° at 109', 58° at 136', 68° at 150.6', 67° at 165', 71° at 176.5', 69° at 187', 60° at 191', 63° at 199', 63° at 205.5', 68° at 215', 70° at 224.5', 64° at 231', 69° at 268', 58° at 279.5', 55° at 295', 59° at 314', 58° at 318'

346.0 352.0' Lost Core.

352.0 373.1 Grey argillaceous limestone, well bedded, considerable contortion, very slight galena and disseminated sphalerite, carbonates and graphite in fractures, very slight pyrite, occasional quartz stringers, lost core: 354.4-357.0', 358.8-360.0', 360.5-362.4', 363.1-366.3', 367.1-372.6', Core angle: 60° at 354'.

373.1 377.7 Lost core.

377.7 401.1 Grey baritic limestone, well bedded, considerable contortion, mineralized slight galena and brown disseminated sphalerite in bedding, slight pyrite, occasional stringers white quartz, core broken. Lost core: 378.8-381.3', 382.3-383.9', 384.4-385.0', 386.1-387.5', 392.5-394.4', 395.5-399.1', Core angle: 40° at 386'.

401.1 402.4 Lost core.

402.4 425.0 Conglomerate, medium to coarse grained sub-angular fragments of chert quartz and argillite.

- 3 -

occasional siltstone beds, contorted black argillite beds, slight pyrite, graphite in fractures, occasional white quartz stringers 1 to 2". Lost core: 403.0-405.0', 416.8-417.5', 420.8-422.1'.

End Of Hole 425.0'.

Log Diamond Drill Hole.

Hole Number: U-48

N77212.36 Dip: -80° Bearing: N65°E
E50790.02 Elevation: 4055.37

Date Started: Dec. 20th, 1970. Finished: Dec. 24th, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young.

0.0 5.0 Casing

5.0 235.0 Black graphitic argillite, siliceous, well bedded, slight contortion, occasional quartz stringers, slight pyrite in fractures, massive pyrite 195.7-196.0', graphite in fractures, core broken from 5.0-175'; pyrite 117.5-117.7', ~~xxx~~ graphitic mud and sand 168.5-171.1'. Lost core: 17.5-19.5', 20.0-21.3', 22.1-24.1', 26.0-26.7', 35.7-36.4', 40.8-42.7', 46.0-47.3', 48.1-52.0', 65.0-65.6', 65.0-75.7', 76.4-77.0', 78.0-79.3', 82.0-82.6', 85.0-85.7', 87.1-89.1', 90.8-91.5', 92.3-93.6', 94.4-95.6', 96.2-96.9', 97.9-99.2', 112.8-113.4', 114.0-114.6', 117.7-118.4', 121.0-123.0', 124.4-125.7', 126.6-127.3', 130.8-131.4', 134.4-135.6', 136.1-136.7', 141.7-143.1', 146.4-147.0', 150.2-150.8', 153.8-154.4', 158.0-158.6', 160.0-160.7', 161.3-161.9', 162.6-163.2', 169.3-170.0', 171.6-172.2', 173.0-173.7', 175.3-176.0', 176.5-177.2', 184.4-185.0', 187.1-187.7', 225.3-227.00, 227.5-228.2', 228.7-229.4', 230.0-232.0', 232.9-234.2'. Core angles: 35° at 10', 47° at 17'.