

Log Diamond Drill Hole.

Hole Number: U-58

N80328.53 Dip: -40° Bearing: S69°08'W
E51245.88 Elevation: 4753.75 Depth: 533'

Date Started: Dec. 29th, 1970, Finished: Jan. 12th, 1971.

Drilled By: Cameron McCutcheon Drilling Ltd..

Logged By: I. Young.

0.0 353.1 Conglomerate, medium to coarse subangular fragments of chert, quartz and argillite, minor beds graphitic argillite 6.3-8.1', 11.7-12.5' and 22.0-23.7', graphite and carbonate in fractures from 0.0-50.0', occasional stringers white quartz, argillite from 37.8-39.2', and 41.7-44.4', minor siltstone in the above argillite, , odd speck chalcoppyrite, very slight pyrite, some leached, core broken 250-300', numerous small vugs 327.3-331.7', and 349.3-353.1', visible sphalerite in fracture at 130.8', Lost core: 1.0-~~3.1~~^{2.3}2.3', 3.1-5.0', 6.8-7.5', 11.0-11.7', 12.5-13.1', 16.3-17.6', 20.0-21.4', 23.7-25.0', 138.6-142.7', 152.3-153.6', 154.4-155.0', 156.1-157.4', 201.4-202.7', 207.0-207.7', 211.7-21~~3.2~~^{2.3}2.3', 213.0-213.7', 217.6-218.9', 220.0-222.6', 225.6-227.6', 228.7-230.0', 232.3-232.9', 233.7-235.0', 238.8-242.4', 251.7-253.7', 264.4-265.00, 266.8-268.1', 272.5-274.5', 276.3-277.6', 278.1-282.7', 283.1-289.0', 289.4-292.7', 293.6-294.3', 295.0-295.7', 296.2-297.5', 298.3-298.9', 299.5-300.7', 302.9-303.5', 305.6-306.3', 314.2-320.0', 321.3-322.6', 331.7-332.4'

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Log Diamond Drill Hole U-58, Contd.

342.6-343.9', 345.5-347.1', 348.0-349.3', 350.7-352.0',

Core angles: 47° at 38', 41° at 44'.

353.1-355.7' Lost core.

355.7 533.0 Grey siliceous argillite, well bedded, numerous siltstone beds, slight contortion, slight pyrite in siltstone, occasional stringers white quartz, siltstone 412.6-416.5' with numerous quartz stringers, conglomerate 368.7-370.0', 372-373.1', carbonate and graphite in fractures, core broken 355.7-375', sand 530.0-531.9'; Lost core: 358.1-361.3', 361.8-363.1', 365.0-368.3', 370.0-372.0', 374.1-376.3', 380.0-386.4', 387.5-392.0', 394.5-396.3', 398.1-401.3', 401.9-406.3', 408.8-412.6', 414.4-415.0', 417.5-418.1', 420.7-422.0', 423.2-423.9', 425.0-427.6', 430.2-442.7', 443.3-443.9', 446.2-446.8', 449.4-450.0', 451.3-452.6', 457.2-458.5', 453.6-454.1', 455.9-456.5', 459.4-461.3', 462.2-462.8', 463.6-464.2', 465.0-465.7', 466.6-467.2', 467.7-469.6', 470.0-471.3', 473.0-473.6', 484.4-475.0', 475.3-487.6', 488.6-489.2', 492.5-493.1', 494.6-495.0', 497.3-497.9', 500.0-503.3', 507.0-508.3', 510.0-510.7', 511.0-512.5', 513.0-514.0', 515.0-516.3', 516.9-522.6', Core angles: 11° at 363.5', 40° at 387.5', 75° at 393', 42° at 401.6'

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Log Diamond Drill Hole U-58, Contd.

80° at 418.8', 50° at 423', 57° at 428.4', 76° at
445', 84° at 451', 65° at 459.4', 83° at 466', 75°
at 475', 48° at 490', 55° at 499.5', 52° at 504.5',
30° at 525', 40° at 529.5', 47° at 532.3'.
End of Hole 533'.

Log Diamond Drill Hole.

Hole Number: U-59

N79558.38 Dip: +34° Bearing N8°39'E
~~E50843.32~~ Elevation: 4757.69 Depth:
E50843.32

Date Started: Dec. 31st, 1970, Finished:

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I/ Young.

0.0 24.4 Grey siliceous argillite, well bed ed, occasional
contorted siltstone beds, very slight pyrite,
occasional quartz stringers, core broken from
0.0-24.4', Lost core 2.8-3.9', 6.2-7.5', 8.1-
9.0', 12.8-14.1', 16.2-16.8', 19.4-20.0',
Core angles: 10° at 5', 7° at 14.7', 21° at
19', 2° at 23'.

24.4 76.0 Conglomerate, subangular coarse to medium ~~argillite~~
sized fragments of chert, quartz and argillite,
very slight pyrite, graphite in fractures,
occasional quartz stringers.
Hole had to be stopped at this point due to
fuel shortage.