

Log Diamond Drill Hole.

Hole Number: U-10 -20° Bearing: N44°48'E

N79669.77 Dip: -20° Depth: 346'
E50970.72 Elevation: 4754.33

Date Started: Sept. 30th, 1970, Finished: October 6th, 1970

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I Young

0.0 135.0 Grey siliceous argillite, well bedded, some contortion, numerous thin siltstone beds, slight pyrite, carbonate in fractures, siltstone very abundant 106-121'. Lost core: 32.3-33.0, 33.4-34.1' 35.0-36.3', 57.5-58.2', 59.5-60.0', 65.0-66.5', 69.3-70.0', 71.3-72.6', 88.9-90.0', 109.4-110.0' 113.7-114.4', 116.0-116.9', 117.5-118.2'. Core angles: 34° at 1.0', 33° at 13', 21° at 18', 42° at 26', 55° at 38', 50° at 43', 68° at 48', 48° at 53.5' 33° at 67', 46° at 76', 70° at 85', 55° at 92.2' 53° at 93.3', 30° at 103', 26° at 108.3', 34° at 114.5', 33° at 118.5', 35° at 122', 46° at 125.5', 52° at 131'.

135.0 142.8 Siltstone, fine grained, well bedded, few beds argillite, slight pyrite, very slight galena and sphalerite from 136.6-142.8'.

142.8 201.0 Grey fine grained argillite, well bedded, thin siltstone beds, numerous from 175-192', considerable contortion in this section, slight pyrite, carbonates in fractures, few quartz stringers, graphite in fracture at 174.4'. Lost core: 188.9-190.0', 190.6-191.5', 192.8-193.5'. Core angles: 59° at 143.6'

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Log U-10 Contd:

41° at 148.5', 38° at 150.5', 46° at 155', 35° at 161', 35° at 161', 40° at 173.5', 31° at 176', 28°

142.8 201.0 at 180.7', 42° at 185.5', 30° at 193.7', 33° at 194', 40° at 200'.

201.0 217.5 Black graphitic siliceous argillite, well bedded, odd thin siltstone beds, few quartz stringers, carbonate in fractures, slight pyrite. Lost core: 201.6-203.3', 203.8-204.5', 206.3-207.0', 210.4-215.0'. Core angles: 28° at 205.5', 25° at 211.0'.

217.5 346.0 Grey well bedded argillite, numerous siltstone beds, carbonate in fractures, few quartz stringers, slight pyrite, mineralized galena and sphalerite from 218.8-220.6', fair pyrite in this section. some pyrite leached, odd small galena at 256 and 258', conglomerate from 271.6-271.7' and 317.5-317.7'. Lost core: 230.0-231.4', 231.9-232.6', 235.4-236.5' 238.4-238.8', 248.5-249.6', 253.8-255.0', 260.2-260.3', 262.3-263.0', 264.0-264.8', 266.6-267.3', 269.3-270.1', 274.5-275.0', 279.7-280.0', 285.4-286.4', 296.1-296.9', 297.9-298.6', 310.2-311.6', 316.5-317.8', 323.5-324.2', 324.2-331.6', 342.1-343.1', 344.7-345.8'. Core angles: 44° at 110.5', 40° at 224.2', 29° at 224', 27° at 235', 13° at 244', 12° at 243', 45° at 244', 49° at 250.5', 22° at 256.3', 43° at 265.2', 30° at 274', 46° at 279.5', 51° at 289', 35° at 294', 22° at 305.7', 22° at 319', 23° at 316', 16° at 321', 22° at 334', 16° at 319.5', 28° at 344'.

End of Hole 346'

- 183.6 191.8 Black graphitic argillite, cherty, few quartz stringers carbonate in fractures, slight to fair pyrite, very slight galena and sphalerite from 185-191.8', core angles 35° at 187.5'.
- 191.8 216.6 Grey baritic limestone, well bedded, considerable contortion, occasional argillite and chert beds, carbonate in fractures, slight pyrite, slight galens, disseminated sphalerite in bedding, lost core 193.0-195.0, 196.5-197.5, 201.9-203.9' 205.0-206.3', 207.9-209.2', 210.0-211.3', 212.8-213.5' 215.0-215.7'. core angles: 39° at 192.3, 29° at 200', 13° at 206.7', 31° at 214.5'.
- 216.6 262.5 Black graphitic argillite, cherty, few quartz stringers, carbonate in fractures, very slight pyrite, from 216.6-220.0' slight galena and sphalerite, few specks galena from 246.7-249.7', lost core 222.8-223.5', core angles, 33° at 219', 56° at 233.5', 61° at 237.6', 21° at 246'.
- 262.5 385.0 Grey fine grained siliceous argillite, well bedded, considerable contortion, numerous siltstone beds, few quartz stringers, numerous quartz stringers from 350-352.5', siltstone very abundant from 302.5-320.0', fair pyrite in siltstone from 188-297.3', 302.5-320.0', 346.3-348.7', 360.0-361.5', some pyrite leached, few specks galena at 275.5', carbonates in fractures. Lost core 265.7-266.8', 267.4-268.0', 300.0-300.5', 303.7-305.0', 307.3-308.0', 310.2-312.2, 352.5-353.1', 371.4-372.1', 379.3-380.0', core angles: 14° at 269.5', 34° at 275.2', 46° at 281.5', 43° at 285.5', 35° at 313.2', 48° at 293.3', 49° at 296.5'

Log diamond drill hole U-9 contd.

- 15° at 306.3', 12° at 316.5', 40° at 333.5', 34° at 343', 50° at 347', 32° at 350.5', 30° at 360.2', 36° at 366.3', 49° at 373.3', 29° at 376.5', 35° at 381.0'.
- 385.0 386.8 Conglomerate, medium grained, angular fragments of chert, quartz and argillite, slight pyrite, graphite in fracture at 385.4', odd thin bed argillite and siltstone.
- 386.6 395.0 Grey fine grained siliceous argillite, well bedded, numerous siltstone beds, considerable contortion, carbonates in a few fractures, slight pyrite, lost core 390.5-391.2', core angles 26° at 392.3, 12° at 393.5'

End of Hole 395'