

Log Diamond Drill Hole.

Hole Number: U-21 Dip: +45° Depth: 297'

N79668.24 Elevation: 4761.58  
E50968.96 Bearing: N44°48'E

Date started: October 19th, 1970, Finished: October 25th, 1970.

Drilled By: Cameron McCutcheon Drilling Limited.

Logged By: I. Young.

0.0 119.6 Grey, siliceous argillite, well bedded, considerable contortion of some beds, thin beds siltstone, numerous 101.6-119.6', occasional stringers white quartz, white quartz 105.4-106.0', very slight pyrite, carbonates in fractures, core angles: 45° at 2', 30° at 7', 67° at 15', 63° at 22', 49° at 30', 56° at 40', 53° at 44', 71° at 50', 44° at 56.5', 38° at 66.5', 15° at 75', 19° at 80', 24° at 85', 17° at 90', 45° at 95', 21° at 100', 30° at 104.5', 20° at 110', 18° at 113', 27° at 119.5'.  
119.6 122.2 Fine grained quartz rich siltstone, occasional quartz stringers, very slight pyrite.  
122.2 165.6 Grey, siliceous argillite, considerable contortion of some beds, occasional siltstone beds, few quartz stringers, slight pyrite, graphitic from 126.9-127.0'. Core angles: 20° at 129.7', 61° at 134.5', 46° at 139.5', 29° at 149.5', 35° at 153.5', 38° at 156.0', 55° at 165'.  
165.6 192.2 Black graphitic siliceous argillite, well bedded, odd thin bed siltstone, slight pyrite, carbonate in fractures, core angles: 44° at 169', 40° at 173.5', 45° at 177', 64° at 183.7'

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Log Diamond Drill Hole U-21 Contd.

192.2 208.8 Grey, baritic limestone, well bedded, considerable contortion, thin beds black chert, most numerous from 192.2-193.8' and from 203.5-205.8', slight pyrite and galena, fair galena 195.5-197.5', pale brown disseminated sphalerite in bedding, carbonates in fractures, Core angles: 23° at 195', 22° at 196.5'.  
208.8 255.2 Black graphitic argillite, siliceous, well bedded, very slight pyrite, odd stringers white quartz, carbonate in fractures, Lost core 211.6-212.5', 246.5-247.2', 252.0-254.6'. Core angles: 40° at 209', 31° at 214', 12° at 217', 15° at 236'.  
255.2 261.0 Grey, siliceous argillite, well bedded, considerable contortion, siltstone beds abundant, occasional quartz stringers, carbonates in fractures, slight pyrite, core angles: 35° at 262'.  
261.0 276.7 Black graphitic, siliceous argillite, ~~xxxxxxx~~, massive, slight pyrite, Core angles: 30° at 263.6', 29° at 267.5'.  
276.7 297.0 Grey, siliceous argillite, well bedded, numerous siltstone beds, considerable contortion, odd stringers quartz, slight pyrite, Core angles: 61° at 282', 39° at 289', 39° at 295.5'.  
END OF HOLE 297'