

Tom Claims, Yukon.

Hole Number U-45 Dip 0° Bearing N. 61° 55' E.

N. 78223.50 Depth: 37'

S. 50780.63 Elev. 4754.28

Date started: Dec. 12, 1970. Finished: Dec. 13, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.

Logged By: I. Young

0.0-27.0 Gray baritic limestone, well bedded considerable contortion, chert beds occur in limestone, very slight pyrite, mineralized slight galena and slight brown-pink disseminated sphalerite in bedding. Mud seam occurs from 15' to 25', no core recovered in this zone, chert very abundant from 25' to 25.7' occasional quartz stringer.

Lost Core: 3.1'-5.7', 7.0-8.3', 15.0'-25.0'

Core Angles: 55° at 5', 68° at 6', 30° at 11', 75° at

14', 69° at 26'

27.0-28.4 Gray argillaceous limestone, well bedded, considerable contortion slight pyrite, mineralized slight galena and slight disseminated sphalerite.

28.4-37.0 Black graphitic argillite, very siliceous, well bedded, few siltstone beds, slight pyrite, few white quartz stringers, carbonates occur in few fractures.

Lost Core: 34.2'-35.7'

End Hole. Core Angles: 61° at 31', 65° at 34'

Log Diamond Drill Hole

Hole Number: U-46

N77430.43 Dip: -83° S64°W Bearing
E50858.06 Elevation: 4754.00 Depth: 452'

Date Started: Dec. 13thm 1970. Finished: Dec. 23rd, 1970

Drilled By: Cameron McCutcheon Drilling Ltd.,

Logged By: I. Young

0.0 273.7 Black graphitic argillite, well bedded, very siliceous, occasional siltstone beds, carbonate and graphite in fractures, slight pyrite, solid 117.4-117.7', mineralized very slight galena from 272.2-273.7' fair pyrite in this section, occasional quartz stringers, core broken from 59-75' and from 105-124'. Lost core: 5.3-7.3', 109.0-109.7', 111.5-112.2', 115.0-116.3', 127.6-130.0', 134.4-135.0', 263.0-267.0', 268.7-272.7', core angles: 9° at 8', 17° at 21', 16° at 34', 19° at 50', 23° at 68', 18° at 83', 20° at 92', 18° at 108', 26° at 124.5', 30° at 131.5', 31° at 139', 32° at 150', 32° at 160.0', 37° at 174.5', 26° at 183.5', 28° at 196.5', 32° at 220', 22° at 230', 27° at 239', 28° at 247', 35° at 257', 52° at 273.5'.

273.5 275.0 Lost core.

275.0 194.4 Grey well bedded argillaceous limestone, slight pyrite, mineralized slight galena and sphalerite from 275.0-276.1', very slight mineralization 280.7-282.4', and from 293.3-294.4', core broken, carbonate in fractures, Lost core: 276.1-280.7', 282.4-293.3'.