

Tom Claims, Yukon

Hole Number U-34

Strike S 65° 54' 39W.

N 80056.95

Dip - 70° Depth: 206'

E 51186.73

Elev. 4752.04

Date started: Nov 23, 1970. Finished Nov. 26, 1970.

Drilled by: Cameron McCutcheon Drilling Ltd.

Logged By: I. Young

- 0.0-73.4 Grey-white conglomerate, sub angular fragments, chert, quartz and argillite, very slight pyrite, an odd speck of chalcopryrite, carbonates occur in odd fractures, few white quartz stringers, graphite and grey argillite in conglomerate from 66.2' to 67.8'.
Lost Core: 1.0' - 7.0', 10.0'-12.7', 20.0'-22.1', 34.4'-36.4', 54.0'-54.7', 57.8'-58.4'
- 73.4-85.9 Grey siliceous well bedded argillite, contorted, numerous siltstone beds, slight pyrite.
Core Angles; 78° at 75.5', 56° at 81', 50° at 84'
- 85.9'-99.7 Black graphitic argillite, numerous quartz stringers, odd bed siltstone, slight pyrite, beds are contorted, core is broken (fractured) from 85.9' to 99.7'
Lost Core: 86.8'-87.5'
Core Angle: 50° at 94'
- 99.7-153.8 Grey siliceous argillite, numerous siltstone beds, very slight pyrite, core is broken from 99.7' to 125' grey fine grained loose sand from

- 99.7-153.8 108.2' to 115' and from 116.4' to 117.7', core is well bedded (where rock is solid), odd stringer white quartz, white quartz from 142.4' to 142.6' and from 143.7' to 144.3', graphite occurs in some fractures.
Lost Core: 100.0'-102.0', 105.5'-107.6', 126.8'-128.1', 138.7'-142.0'
Core Angles: 48° at 103', 48° at 118.6', 67° at 123', 57° at 125.5', 60° at 134.5', 64° at 143', 72° at 146'.
- 153.8-178.1 Black graphitic argillite, well bedded, considerable contortion, slight pyrite, occasional quartz stringers, mineralized galena and brown-red disseminated sphalerite in bedding from 160.0' to 178.1'. Fair galena and sphalerite from 160.0 to 161.0', fair to massive galena and sphalerite from 162.4' to 167.4', and from 168.0' to 172.4', fair mineralization from 175.0' to 177.0', slight galena and sphalerite from 177.0' to 178.1'. Fair pyrite occurs in the mineralized section.
Lost Core: 155.0'-156.3', 157.9'-159.2', 161.0'-162.4', 167.4'-168.0', 172.4'-175.0'
Core Angles: 48° at 164.4', 42° at 172'.
- 178.1-206.0 Grey siliceous argillite, numerous siltstone beds and fragments, considerable contortion of beds, slight pyrite, graphite occurs in few fractures, odd thin stringer of white quartz. Conglomerate bed from 182.0' to 182.5'
Lost Core: 178.7' - 180.0', 185.0'-187.0', 193.7'-195.0', 196.0'-199.2', 201.3'-205.0'.
Core Angles: 37° at 195.0', 50° at 205.5'

End Hole.