

Lost Core: 185.8'-188.4', 204.0-205.0, 206.4-208.4,
218.0'-220.0'

Core Angles: 27° at 186', 43° at 192', 57° at 202.6',
63° at 215'

221.3-231.2 Conglomerate, medium grained sub angular fragments
chert, quartz and argillite, occ. thin white quartz,
few specks of fine grained pyrite.

231.2-253.0 Grey siliceous argillite, well bedded, contorted,
thin siltstone beds, very slight pyrite few thin
stringers of white quartz.

Lost Core: 234.4'-237.0', 250.0'-250.6',

Core Angles: 55° at 233', 58° at 242.5', 22° at
252.0'

End of Hole.

Tom Claims, Yukon.

Hole Number U-40 Dip -90°

N. 77428.75 Depth 325'

E. 50857.75 Elev. 4755.17

Date started: Dec. 4, 1970. Finished: Dec. 9, 1970.

Drilled By: Cameron McCutcheon Drilling Ltd.

Logged By: I. Young.

0.0-200.4 Black graphitic argillite, well bedded, few thin silt-
stone beds, slight pyrite occurs in siltstone, carbonates
fill fractures, occasional stringers of white quartz, core
is broken from 0.0 to 100.0'

Lost Core: 1.1'-5.0', 58.2'-58.9', 70.4'-72.4', 188.7'-
192.7', 195.7'-197.0'.

Core Angles: 18° at 10', 25° at 19', 24° at 29', 30° at
39', 27° at 48', 26° at 59', 25° at 74', 30° at 80.5',
31° at 89', 42° at 102', 40° at 116', 38° at 125', 38°
at 134', 41° at 149', 42° at 159', 42° at 167.5', 38°
at 174', 39° at 182', 44° at 193', 55° at 198.5'

200.4-232.9 Grey argillaceous limestone, well bedded, limestone
occurs as thin white bands in argillite, slight contor-
tion, carbonates occur in fractures, very slight pyrite,
mineralized slight galena and red-brown disseminated
sphalerite in bedding, few white quartz stringers.

200.4-232.9 Lost Core: 207.3'-210.0', 214.0'-214.7', 222.5'-223.9',
225.0-227.0, 228.3'-230.7'

Core Angles: 47° at 206.5', 32° at 215.3', 48° at 224',
36° at 232'.

232.9-235.7 Lost Core.

235.7-273.2 Gray baritic limestone, well bedded, considerable
contortion of beds, thin chert beds occur in lime-
stone, mineralized slight galena and pale brown dis-
seminated sphalerite in bedding from 235.7' to 237.6',
slight to fair galena and sphalerite from 260.0' to
262.9', fair mineralization from 264.3', to 265.4' and
from 269.3' to 273.2'.

Lost Core: 237.6'-260.0', 262.3'-264.3', 265.4'-269.3'.

Core Angle: 59° at 262'

273.2-275.6 Lost Core.

275.6-305.9 Gray argillaceous limestone, well bedded, considerable
contortion, slight to fair pyrite, mineralized slight
galena and brown disseminated sphalerite, odd speck
of chalcopryite, few stringers of white quartz, slight
chlorite alteration occurs in few fractures along with
graphite.

Lost Core: 299.4'-300.0'

Core Angles: 37° at 281', 48° at 293',

305.9-312.1 Black graphitic argillite, well bedded, slight con-
tortion of beds, few ~~xxxx~~ carbonate and quartz stringers,
few specks galena and sphalerite from 305.9' to 306.7',
from 308.1' to 310', slight mineralization from 310' to
312.1'

Lost Core: 306.7' - 308.1'

312.1-314.1 Lost Core.

314.1 - 325.0 Dark grey siliceous argillite, well bedded, slight
pyrite, numerous thin siltstone beds, few quartz
stringers, chlorite and graphite occur in few fractures.

Lost Core: 316.5'-317.8'

Core Angles: 29° at 318.5', 55° at 323'.

End of Hole.