

Log Diamond Drill Hole: Tom Claims, Yukon.

Hole Number: U-62

N77013.1 Dip: -85° Bearing: S70°E
E50780.3 Elevation: 4755.9 Depth: 806'

Date Started: August 3rd, 1971. Finished: August 24th, 1971

Drilled By: Arctic Diamond Drilling

Logged By: B. McFadden, R. McIntosh.

0.0 183.0 Graphitic argillite, core angles: at 47' 28°
at 80' 30°, at 110' 26°, at 140' 32°, at 160'
30°, Lost core: 27.8-28.6', 46.0-47.0', 110.0-
112.0'.
92.0-92.6' quartz carbonate stringers mineralized
with pyrite.
183.0 189.6 Silty section.
189.6 247.0 Black graphitic argillite, well bedded, pyrite
bands, core angle at 210' 34°.
247.0 248.0 Quartz carbonate, scattered pyrite.
248.0 317.0 Black well bedded graphitic argillite, scattered
pyrite, core angle at 250' 31°.
317.0 465.0 Black graphitic argillite, scattered quartz carbonate
stringers, occasional pyrite concretions, well bedded
to massive and occasional pyritic beds, core angle
at 330' 35°.
335.0-367.0' very broken with scattered quartz carb.
stringers, from 367.0' no stringers, at 318' core
angle 40°, 400-418' cleavage almost parallel hole.

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At 446' core angle 42°, The hole was reduced from
NQ to BQ at 465'.

465.0 707.2 Black graphitic argillite, parts well bedded, very
occasional blebs and stringers pyrite, at 472'
broken with numerous quartz carbonate stringers,
at 490' core angle 50°, narrow mud seam at 534',
at 498' core angle 54°, at 498' occasional small
pyrite concretions, 503-512' very fine disseminated
pyrite, at 530' core angle 55°, at 535' core
angle 55°, increased pyrite 542-546', at 550'
core angle 62°, 564-566' ground broken with Qtz.
carb. stringers, at 570' pyrite, at 564-586'
ground broken and sections brecciated with quartz
carbonate stringers, core angle at 603' 55°,
606'
at 572' pyrite, core angle 615' 55°, at 622' 53°,
2' lost core at 626', 641-644' ground broken with
sections lost core.

707.2 732.0 Grey fine bedded chert and graphitic argillite,
slight to fair pyrite. 711-713.5' 70% white quartz,
core angle 35° to parallel, 715-722' core recovery
30%, 724-731' core recovery 25%.

732.0 758.0 Brecciated limestone, parts included argillite,
sections chloritic, slight to light pyrite, very
slight chalcopyrite, 734-737' sections bear solid
sulphide, sphalerite, at 745' fair galena, 751'
min. galena,

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at 752' slight galena, 746-749' 70% core recovery,
751-754' 60% core recovery, 754-758' 10% core
recovery, well mineralized galena.

758.0-802.6 Brecciated conglomerate, scattered quartz carbonate
stringers, 758-766' core recovery 80%, sections
argillite, 783-786' white quartz, from 786'
resembles normal conglomerate.

802.6 805.0 Argillite, grey to black.

805.0 806.0 Sandstone, medium coarse grained.

End of Hole 806'.

Log Diamond Drill Hole

Tom Clemons, Yukon.

Hole Number: U-63

N76898.7
E50567.5

Dip: -85°
Elevation: 4758.4

Bearing: N54°00'E
Depth: 652'

Date Started: August 27th, 1971. Finished: September 25th, 1971.

Drilled By: Arctic Diamond Drilling

Logged By: B. McFadden

0.0 110.6 Black graphitic argillite, well bedded, scattered
pyrite, occasional narrow silt beds, core angles:
at 30° 25°, at 66° 27°, 70° 27°, 110° 35°.
Lost core: 5.0-17.0', 23.0-24.0', 44.0-47.0', 62.0-
65.0', XXXX

110.6 128.0 Black fine grained argillite, scattered pyrite,

128.0 153.0 Black graphitic argillite, well bedded, silty section
130.0-132.0', Core angles: 140° 32°.

153.0 160.0 Black argillite, massive, .

160.0 197.0 Black graphitic argillite, well bedded, scattered pyrite,

197.0 204.3 Quartz carbonate.

204.3 415.0 Black massive argillite, silty sections, narrow, scattered
pyrite, core angles: 206° 40°, 320° 50°, 400° 51°.

415.0 445.0 Black graphitic fine grained argillite, scattered pyrite,
core angles: 425° 50°, 440°, 52°, Lost core: 417-418°.

445.0 448.0 Siltstone, medium grained,

448.0 490.0 Black fine grained graphitic argillite, well bedded,
narrow quartz carb. stringers, silty section 471-472',
core angles: 445° 50°, 463° 50°, Lost core: 405-407',
486-487'.