

Log Diamond Drill Hole U-63, Contd. - 2 -

- 490.0 597.0 Quartz carbonate stringers in argillite.
- 497.0 562.0' Black graphitic argillite, fine grained, well bedded,  
cherty band 529-532'. Core angles: 509' 62°, 562' 62°.  
Lost core: 508-509', 516-517', 527-528', 536-537',  
542-544', 545-546', 549-550', 553-555', 556-557', 558-561'.  
~~XXXXXXXXXXXXXXXXXXXX~~
- 562.0 601.0 Black graphitic argillite, well bedded, broken blocky,  
graphitic mud 576-578', sections 30-40% graphite,  
scattered pyrite, Core angles: 570-68°, 595' 62°.  
Lost core: 564-567', 568-569', 578-591', 592-595',  
597-598'.
- 601.0 642.0 Black well bedded fine grained graphitic argillite,  
narrow silty sections, Core angles: 607' 72°, 626' 74°
- 642.0 652.0 Lost core.  
Hole abandoned at 652' when rods jammed in.

Log Diamond Drill Hole.

Tom Claine, Yakon.

Hole Number U-63-W-1

For coordinates see Hole U-63.

Date Started: Sept. 24th, 1971. Finished: Oct. 6th, 1971.

Drilled By: Arctic Diamond Drilling

Logged By: B. McFadden

Top of wedge at 470.0', bottom 480.0'.

- 480.0 577.0 Black graphitic argillite, occasional stringers  
pyrite, occasional carbonate stringers, 487-  
507' scattered narrow carb. stars.  
at 491' core angle 60°, at 501' core angle 60°,  
at 510' core angle 60°, at 534' core angle 57°.  
Lost core 540-546', 549-552'.  
558-566' brecciated with numerous quartz carb.  
stringers, 5' lost core 558-565'.
- 577.0 595.0 Fault zone, graphitic mud and sand, no core.
- 595.0 662.0 Black graphitic argillite, well bedded, scattered  
pyrite, core angles: at 597' 62°, at 617' 66°,  
at 660' 68°.  
Lost core: 610.0-612.0', 640-646', 648-650'.
- 662.0 664.0 Fine grained grey black siltstone, massive.
- 664.0 778.0 Massive, fine grained argillite, scattered  
pyrite, 749-758' well bedded section, 775-778'  
numerous quartz carb. stars.  
Core angles: at 670' 62°, at 701' 63°, at 726'  
65°, at 770' 66°. Lost core: 713-714', 714-715',  
724-727', 776-777'.

Log Diamond Drill Hole U-63-W-1 Contd - 2 -

778.0 - 785.0 Fine grained black cherty argillite, slight pyrite.  
massive.

785.0 813.0 Well bedded fine grained chert, interbedded with  
limestone, slight pyrite, well mineralized  
sphalerite, slight galena, core angle at 795' 63°,  
lost core: 803-805', 807-813'.

813.0 847.0 Grey to white medium grained baritic limestone,  
well bedded, occasional very thin beds chert, slight  
pyrite, slight to well mineralized sphalerite,  
very slight galena, 832-834' highly contorted  
core angles 5-10°, 815' 74°, 830' 74°, Lost core:  
820.0-822.0', 845-846'. Petid at 842'.

847.0 848.0 Massive black chert, slight pyrite.

848.0 873.0 Highly contorted, baritic limestone, medium  
grained, well bedded, Thin interbedded chert,  
slight pyrite, well mineralized sphalerite and  
galena, core angles: at 850' 15°, 851' 0°, 856' 70°.

873.0 913.0 Grey to white medium grained baritic limestone,  
poorly bedded, interbedded thin chert beds, slight  
pyrite, slight to mineralized sphalerite, minor  
galena, core angle 910' 70°, lost core 905-908',  
910-913'.

913.0-924.0 Well bedded medium grained baritic limestone,  
slight pyrite, slight to mineralized sphalerite,  
minor galena.

924.0 971.0 Dark grey medium grained baritic limestone, interbedded  
chert and limy breccia, contorted section 933-938'

Log diamond drill hole U-63-W-1 Contd.. - 3 -

core angle 0-15°, scattered pyrite sphalerite  
and galena, core angle 944' 80°.

971.0 990.0 Grey to black fine grained massive argillite,  
broken, blocky, slight pyrite, core angle 979'  
82°. Lost core 985-987'.

990.0 996.0 Grey argillite, massive, concretionary pyrite.  
End of Hole 996'