CANADIAN BARRANCA MINES LTD

115-F-13 OR 13 SHEET No. Dec 31, 1966 HOLE No. 9

7812

M.C - YUKON Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE | |
| | READING | CORRECTED |
| | | |
| | | |
| | | |
| | | |
| | | |

LEVEL SURFACE BEARING N 58° E HOLE No. MC-1

LOCATION west bank creek LENGTH 84' FINISHED Sept 3 1966

ELEVATION VERT. COMP. -45° PURPOSE EX.

LATITUDE HOR. COMP. TOTAL RECOVERY 70%

DEPARTURE CROSS SECT. LOGGED BY [illegible]

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | ~~DRILL COUNTER~~ FOOTAGE | ~~DRILL COUNTER~~ READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | ~~%$H_2O_8$~~ Cu % | AV. |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 84' | Sheared andesite with sections more basic - possibly intercalated peridotites as fine fractures show minor picrolite. | | | 33875 | 44' | 59' | 15' | 101 | |
| | | Core in general very blocky with much lose. | | | 76 | 59 | 69' | 10' | 2.70 | 3.07% |
| | | Scattered pyrite with specks of chalcopyrite 0 - 59 followed by fairly massive sulphides in bands and blebs to 76'. | | | 77 | 69 | 76 | 7' | 3.60 | 17' |
| | | Main sulphide section showed recovery of 60%, with water lost from 59 to end of hole. Main sulphides, pyrite & chalcopyrite | | | 78 | 76 | 84 | 8' | 104. | |
| | 84 | End of Hole | | | | | | | | |
| | | EXT core 7/8" | | | | | | | | |

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SHEET No. HOLE No.

M.C. - YUKON Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE READING | ANGLE CORRECTED |
| | | |

LEVEL SURFACE BEARING vertical HOLE No. MC-2
LOCATION West bank Creek LENGTH 132' FINISHED Sept 19 1966
ELEVATION VERT. COMP. -90° PURPOSE Ex
LATITUDE HOR. COMP. TOTAL RECOVERY 60%
DEPARTURE CROSS SECT. LOGGED BY TJB.

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION |
|---|---|---|
| 0 | 7 | Casing - core recovered. |
| 7 | 132 | Sheared andesite with possible intercalated peridotites (picrolite) Core very blocky with water loss towards end of hole. Scattered pyrite and chalcopyrite throughout hole with heavy sulphide section in bands and blebs from 90'-124'. Main sulphide pyrite, chalcopyrite (spark (100%) bornite) pyrrhotite. Heavy core loss to 50% in ore section. Hole had to be cemented from 0-43'. |
| | 132' | End of hole. |
| | | Ext core 7/8" |

| DDH COUNTER FOOTAGE | DDH COUNTER READING |
|---|---|
| | |

| CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | Cu % ~~%U3O8~~ | AV. |
|---|---|---|---|---|---|
| 33892 | 82 | 90 | 8' | Tr | |
| 33899 | 90 | 103 | 13 | 0.73 | 1.64% |
| 80 | 103 | 113 | 10' | 2.20' | 34' |
| 85 | 113 | 124 | 11' | 2.20 | on |
| 82 | 124 | 128 | 4' | .01 | 2.02% |
| | | | | | 21 |
| | (SLUDGE) | | | | |
| 33883 | 90 | 103 | 13' | 0.73 | |
| 84 | 103 | 113 | 10' | 1.6 | |
| 85 | 113 | 124 | 11' | 2.0 | |
| 86 | 124 | 128 | 4' | 1.02 | |

CANADIAN BARRANCA MINES LTD

SHEET No. HOLE No.

MC- YUKON Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE | |
| | READING | CORRECTED |
| | | |

LEVEL SURFACE BEARING N23°E HOLE No. MC-3
LOCATION West side creek LENGTH 115' FINISHED Sept 28 1966
ELEVATION VERT. COMP. -45° PURPOSE EX
LATITUDE HOR. COMP. TOTAL RECOVERY 70%
DEPARTURE CROSS SECT. LOGGED BY T.B.

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | ~~DDH COUNTER~~ FOOTAGE | ~~DDH COUNTER~~ READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | Cu % ~~%U3O8~~ | AV. |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 9 | Casing - core recovered. | | | 33887 | 71 | 80 | 9' | Tr | |
| 9 | 115' | Sheared andesites with intercalated | | | 88 | 80 | 87 | 7' | 1.90 | 1.20% |
| | | pendotites (pyrite in fine fractures). | | | 89 | 87 | 97. | 10' | 0.72 | 19' |
| | | Blocky on whole with water loss | | | 90 | 97 | 106 | 9' | Tr | |
| | | at 60'. | | | 91 | 106 | 115' | 9' | Tr. | |
| | | Scattered pyrite and minor chalco- | | | | | | | | |
| | | pyrite throughout with heavy | | | | | | | | |
| | | sulphide zone from 80'-97' with | | | | | | | | |
| | | pyrite-chalcopyrite & pyrrhotite in | | | | | | | | |
| | | bands and blebs. | | | | | | | | |
| | | 50% lost core in sulphide section | | | | | | | | |
| | | Cemented 0-46'. | | | | | | | | |
| | 115' | End of hole | | | | | | | | |
| | | EXT core. 7/8" | | | | | | | | |

77812

M.C. Group Property

# DIAMOND DRILL HOLE RECORD

SHEET No. HOLE No. MC-4

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE READING | ANGLE CORRECTED |
| 0 | 0 | -45° |

LEVEL Surface. BEARING N40°E HOLE No. M.C-4
LOCATION Road. LENGTH 301' FINISHED Aug 15-1965
ELEVATION 3500' VERT. COMP. PURPOSE Ex-EM-16
LATITUDE HOR. COMP. TOTAL RECOVERY
DEPARTURE CROSS SECT. LOGGED BY BCM

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | DDH COUNTER FOOTAGE | DDH COUNTER READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | ~~%U3O8~~ Ni% | AV. |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 35 | Casing | | | | | | | Ni% | |
| 35 | 36 | Graphite schist - schistosity at 80° | | | | | | | | |
| 36 | 37 | Siliceous zone with epidote banding. Partly schistose | | | | | | | | |
| 37 | 42 | lost core | | | | | | | | |
| 42 | 63 | Talc schist - (impure serpentine?) with quartz bands. Fairly brecciated 51-63'. Some epidote + quartz. 43-44 lost core, 45-51 lost core, 56-63 lost core. Ni powder positive | | Shutte | 259% | 51' | 53' | 2' | 0.11 | |
| | | | | | 77 | 145 | 151 | 6' | 0.11 | |
| | | | | | 78 | 160 | 170 | 10' | 0.10 | |
| 63 | 135 | Graphite schist - schistosity 60° to 90° Intercalated narrow quartz bands. 77-94.5' - 60% bull quartz. Lost core at 64.5-66, 68-70, 71-76, 78.5-80, 80.5-85, 85.5-88, 89-90, 92-94, 96-97, 98-103, 104-106, 107-110, 110.5-112, 118-122.5, 123-126, 127.5-132.5, 133.5-135'. | | | | | | | | |
| 135 | 166 | Talc schist as 42'-63'. Schistosity varies from 45° to crenulated. 15' lost core. Nickel powder positive | | | | | | | | |
| 166 | 182 | Graphite schist as 63 to 135'. 12' lost core | | | | | | | | |
| 182 | 187 | Gouge + lost core - possible Fault. | | | | | | | | |
| 187 | 196 | Lost core | | | | | | | | |
| 196 | 301 | Granular rock - grey to black; section mottled with quartz-carbonate flecks. 84' lost core. | | | | | | | | |
| 301 | | End of hole | | | | | | | | |

SHEET No. HOLE No.

M.C. Group Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE | |
| | READING | CORRECTED |
| 0' | 0' | -45° |

LEVEL Surface
LOCATION
ELEVATION 3767'
LATITUDE
DEPARTURE

BEARING N 50°E
LENGTH 250'
VERT. COMP.
HOR. COMP.
CROSS SECT.

HOLE No. MC-5
FINISHED Aug 29, 1965
PURPOSE Ex. Zone 1
TOTAL RECOVERY
LOGGED BY BCM.

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | DDH COUNTER FOOTAGE | DDH COUNTER READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | Cu % ~~$H_2O_3$~~ | AV. |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 23 | Casing | | | | | | | | |
| 23 | 57 | Volcanic - sediment complex with epidotization throughout. Buff to grey green. Malachite in fractures. Pseudo bedding at 60° with epidote along planes | | | | | | | | |
| 57 | 72 | Pseudo-gneiss at 60° - mottled grey. (mets sediments). | | | | | | | | |
| 72 | 76 | As 23-57' | | | | | | | | |
| 76 | 83 | as 57-72' | | | | | | | | |
| 83 | 221 | As 23-57 - grey to dark grey - some pyrite leucoxene specks. 197.5-203 lost core but with 1/2" bitter with heavy $CuFeS_2$. 203-206 dark somewhat chloritic & schistose with rusty fractures and veins with good $CuFeS_2$. Heavily oxidized: Probably Zone 1. | | | 25979 | 203 | 206 | 3' | 1.10 | |
| 221 | 241.6 | Light grey - pseudo porphyritic zone with epidote as "eyes" and "blebs" throughout. | | | | | | | | |
| 241.6 | 250' | As 57-72'. | | | | | | | | |
| 250' | | End of hole | | | | | | | | |
| | | 35' lost core including 5.5' in ore Zone 1. | | | | | | | | |
| | | Considerable malachite in fractures throughout hole with occasional specks of chalcopyrite. Best section corresponding to Zone 1: 197.5-206' | | | | | | | | |

SHEET No. HOLE No.

M.C Group Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE READING | ANGLE CORRECTED |
| 0 | — | -90° |

LEVEL Surface BEARING Vertical HOLE No. MC-6.
LOCATION Hole MC5 LENGTH 300' FINISHED Sept 4, 1968
ELEVATION 3767 VERT. COMP. PURPOSE Ex. Zone 1
LATITUDE HOR. COMP. TOTAL RECOVERY
DEPARTURE CROSS SECT. LOGGED BY T.J.B

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | DDH COUNTER FOOTAGE | DDH COUNTER READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | Cu % ~~$U_3O_8$~~ | Ag. ~~AV.~~ |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 23 | Casing | | | | | | | | |
| 23 | 159.5 | Volcanic-sedimentary complex with epidotization throughout along relict bedding. 23'-6" with specks chalcopyrite. 150'-3" quartz with specks chalcopyrite. Spotty malachite staining throughout section | | | | | | | | |
| 159.5 | 204 | As above but ~~not~~ heavier epidotization. Heavy quartz stringers like stockwork. Banding (epidote) or pseudo bedding persists. Malachite + some chalcopyrite throughout | | | | | | | | |
| 204 | 300 | As above but epidote in "spots" as well as banded. Scattered chalcopyrite and malachite throughout. | | | 25980 | 205 | 214 | 9' | 0.70 | 0.06 |
| | | | | | 81 | 214 | 219 | 5 | 0.58 | — |
| 300' | | End of hole. 49' lost core | | | | | | | | |

SHEET No. HOLE No.

MC Group Property

# DIAMOND DRILL HOLE RECORD

| DIP TEST | | |
|---|---|---|
| FOOTAGE | ANGLE | |
| | READING | CORRECTED |
| 0 | — | 60° |

LEVEL Surface BEARING N 50° E HOLE No. MC-7
LOCATION LENGTH 242' FINISHED Sept 11, 1965
ELEVATION 3669 VERT. COMP. PURPOSE Ex. Zone 1
LATITUDE HOR. COMP. TOTAL RECOVERY
DEPARTURE CROSS SECT. LOGGED BY T J B

| FOOTAGE FROM | FOOTAGE TO | DESCRIPTION | DDH COUNTER FOOTAGE | DDH COUNTER READING | CORE SAMPLES SAMPLE No. | FROM | TO | WIDTH | Cu ~~$U_3O_8$~~ | Ag ~~AV.~~ |
|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 6 | Casing | | | | | | | | |
| 6 | 242 | Paleozoic - sedimentary complex. Epidotized throughout in bands along probable relict bedding and in "blebs". Barren up to 153', then sparse chalcopyrite and malachite to end of hole. 153-166 highly epidotized with minor chalcopyrite & malachite. | | | 25982 | 212 | 217 | 5 | 0.17 | |
| | | | | | 83 | 230 | 235 | 5 | 0.73 | 0.10 |
| 242 | | END. | | | | | | | | |