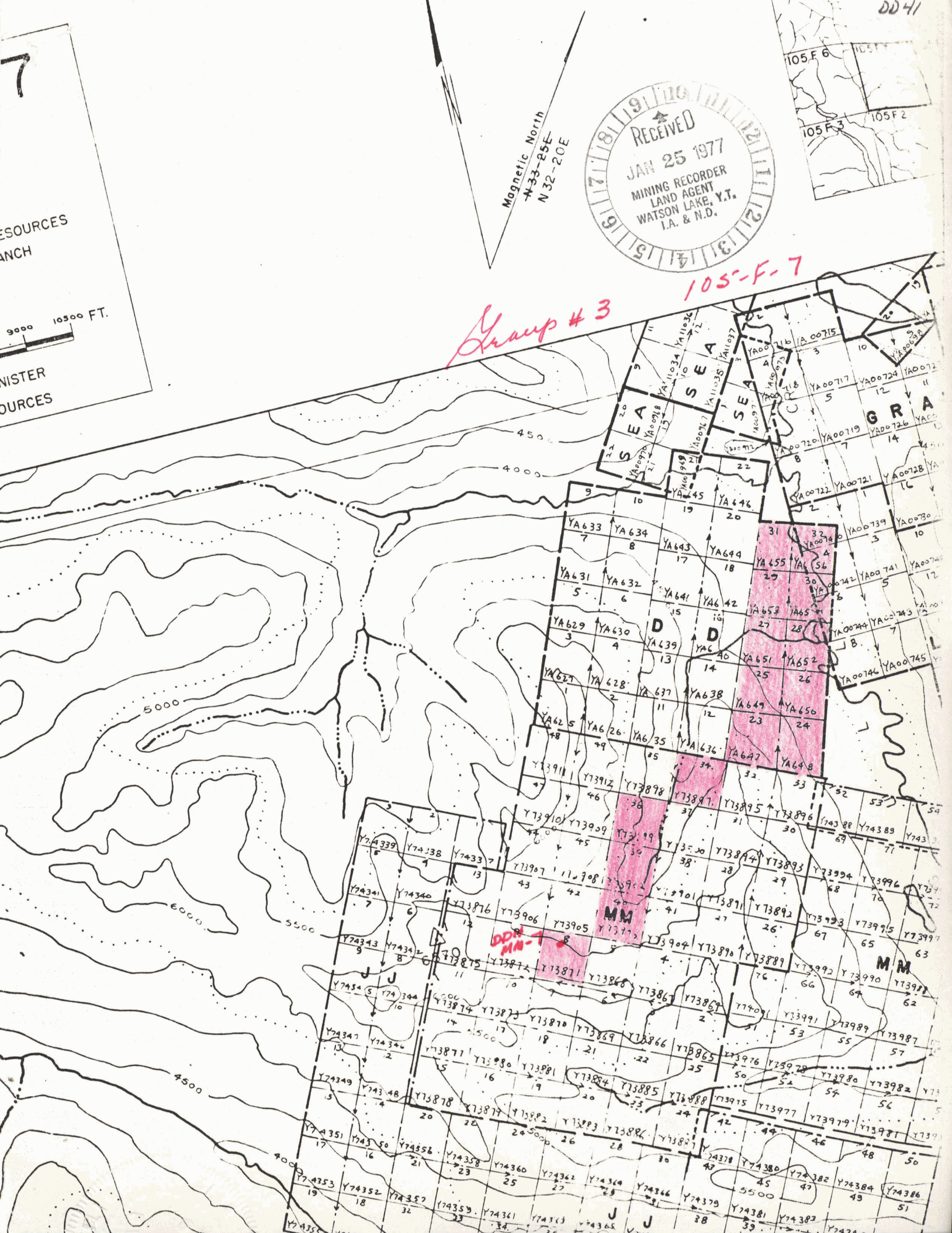
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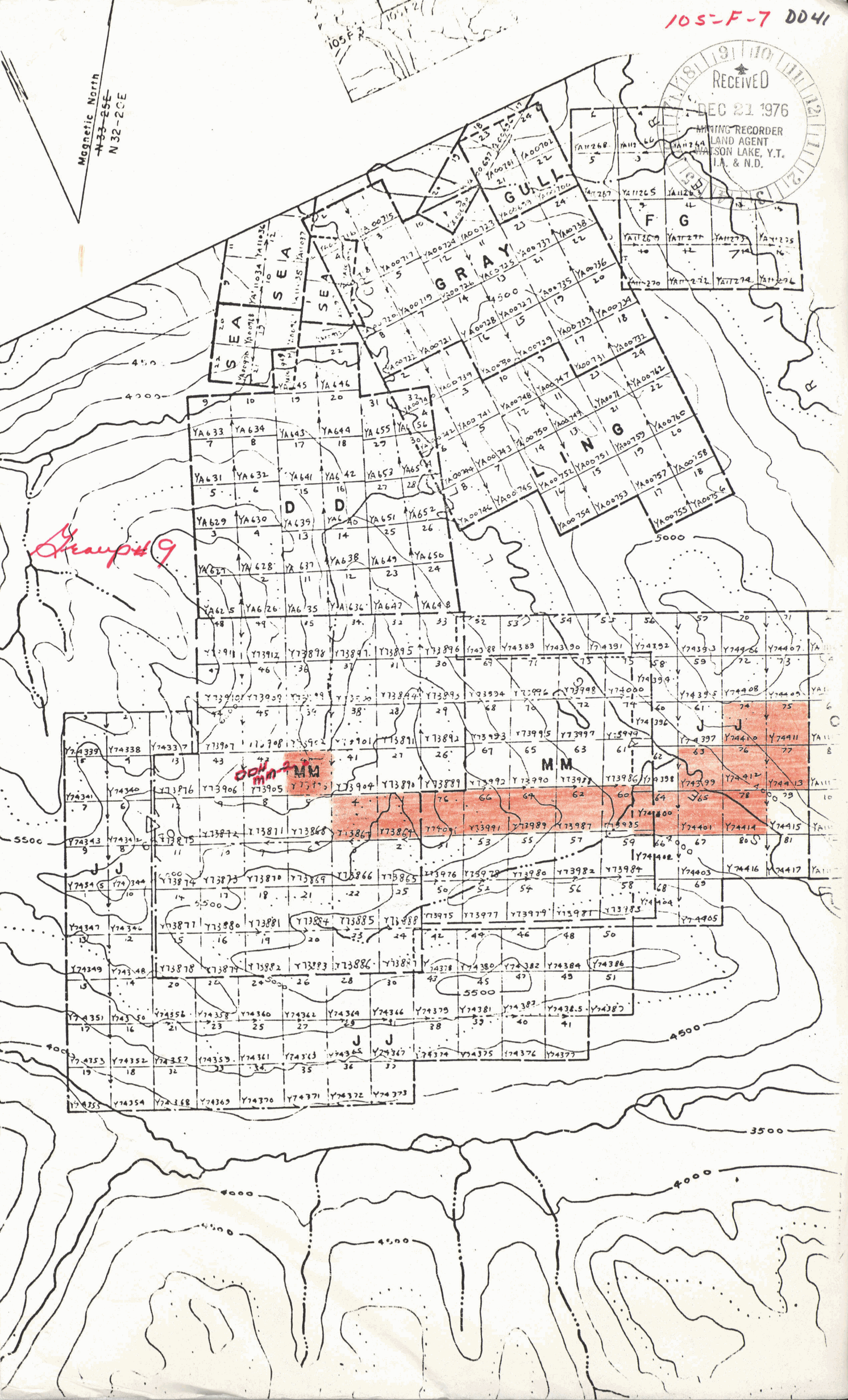
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# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02 DD 41

PROPERTY MM 09137

SHEET NUMBER 1 SECTION FROM 0 TO 69 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 12 | Overburden. | | | | | | | | | | | | | |
| 12 | 25 | SCHIST. Light greenish grey quartz- | | | | | | | | | | | | | |
| | | muscovite-minor chlorite schist. | | | | | | | | | | | | | |
| 25 | 34 | SCHIST. Interbanded light greenish | | | | | | | | | | | | | |
| | | grey quartz-muscovite-chlorite | $F_o$ and $F_2$ | | | | | | | | | | | | |
| | | schist and dark grey quartz-musco- | approximately | | | | | | | | | | | | |
| | | vite-biotite schist. Minor | // core axis | | | | | | | | | | | | |
| | | disseminated pyrrhotite <1%. | at 27 ft. | | | | | | | | | | | | |
| 34 | 69 | SCHIST. Light grey-green quartz- | | | | | | | | | | | | | |
| | | chlorite-actinolite- minor muscovite | | | | | | | | | | | | | |
| | | schist. Rather homogeneous in | $F_o$ approx // | | | | | | | | | | | | |
| | | appearance- well foliated but not | core axis at | | | | | | | | | | | | |
| | | banded. Minor disseminated pyrr- | 47 ft. | | | | | | | | | | | | |
| | | hotite (<1%), also a few thin | | | | | | | | | | | | | |
| | | bands pyrite // $S_1$ (1-2%). | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 2 | SECTION FROM 69 TO 92 | STARTED

LATITUDE | DATUM | COMPLETED

DEPARTURE | BEARING 215° | ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. | DIP 12° | PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 69 | 71.5 | SCHIST. As 34.0 to 69.0 with abund- | | | | | | | | | | | | | |
| | | ant vein quartz, also thin pyrite | | | | | | | | | | | | | |
| | | bands (pyrite ~5%). | | | | | | | | | | | | | |
| 71.5 | 78 | SCHIST. As 34.0 to 69.0. | | | | | | | | | | | | | |
| 78 | 82 | SCHIST. Interbanded grey-green | | | | | | | | | | | | | |
| | | quartz-muscovite-chlorite- Actin | | | | | | | | | | | | | |
| | | schist and black quartz-biotite- | | | | | | | | | | | | | |
| | | chlorite schist. | | | | | | | | | | | | | |
| 82 | 90 | SCHIST. Interbanded light grey- | | | | | | | | | | | | | |
| | | green quartz-muscovite-chlorite | | | | | | | | | | | | | |
| | | schist. Medium green quartz- | | | | | | | | | | | | | |
| | | chlorite-actinolite schist and | | | | | | | | | | | | | |
| | | light grey quartzite. A few bands | | | | | | | | | | | | | |
| | | contain abundant pyrite - | | | | | | | | | | | | | |
| | | ~<1% overall. | | | | | | | | | | | | | |
| 90 | 92 | SCHIST. As 82.0 to 90.0 with abundant vein quartz. | | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 3 SECTION FROM 92 TO 124 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 | 95 | SCHIST. As 82.0 to 90.0. | | | | | | | | | | | | | |
| 95 | 99.3 | SCHIST. As 90.0 to 92.0. | | | | | | | | | | | | | |
| 99.3 | 102 | SCHIST. As 82.0 to 90.0. | | | | | | | | | | | | | |
| 102 | 110 | SCHIST. Interbanded black biotite | | | | | | | | | | | | | |
| | | schist. light grey quartz-muscovite | | | | | | | | | | | | | |
| | | and light greenish grey quartz- | | | | | | | | | | | | | |
| | | muscovite-chlorite schist, with | | | | | | | | | | | | | |
| | | small brownish red garnet poikil- | | | | | | | | | | | | | |
| | | oblasts scattered throughout. | | | | | | | | | | | | | |
| 110 | 124 | SCHIST. Interbanded light grey- | | | | | | | | | | | | | |
| | | green quartz-muscovite-chlorite | | | | | | | | | | | | | |
| | | schist, medium green quartz-actin | | | | | | | | | | | | | |
| | | -chlorite schist (?possibly a | | | | | | | | | | | | | |
| | | calcite-silicate), and grey | | | | | | | | | | | | | |
| | | quartzite. Actinolite-bearing | | | | | | | | | | | | | |
| | | bands contain minor pyrite. | | | | | | | | | | | | | |

----continued.

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 4 SECTION FROM 110 TO 140 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 110 (cont'd) | 124 | Also vein quartz bands having a | | | | | | | | | | | | |
| | | "marbled" appearance - probably | | | | | | | | | | | | |
| | | pre - $S_1$. | | | | | | | | | | | | |
| 124 | 127.5 | BRECCIA (or possibly an agglomerate) | 1674 | 124-127.5 | 1.82 | 0.16 | 1.87 | 3.40 | | | | | | |
| | | with sulfides. Quartzite matrix | | | | | | | | | | | | |
| | | containing lumps of chlorite schist | | | | | | | | | | | | |
| | | and marble bands, also banded | | | | | | | | | | | | |
| | | pyrite, large lumps of sphalerite | | | | | | | | | | | | |
| | | and galena and small crystals of | | | | | | | | | | | | |
| | | magnetite. | | | | | | | | | | | | |
| 127.5 | 138 | SCHIST. Interbanded quartz-musco- | | | | | | | | | | | | |
| | | vite, quartz-muscovite-chlorite | | | | | | | | | | | | |
| | | schistsand yellowish (?limonitic) | | | | | | | | | | | | |
| | | quartz-feldspar rock. | | | | | | | | | | | | |
| 138 | 140 | VEIN QUARTZ. Yellowish vein quartz | | | | | | | | | | | | |
| | | with minor grey muscovite-bearing quartzite bands and traces of pyrite. | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 5 SECTION FROM 140 TO 183.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | Structural | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 140 | 144 | QUARTZITE. 50% grey muscovite- | | | | | | | | | | | | | |
| | | quartzite containing minor pyrite; | | | | | | | | | | | | | |
| | | 50% white vein quartz with "marbled" | | | | | | | | | | | | | |
| | | appearance. | | | | | | | | | | | | | |
| 144 | 144.7 | SCHIST. Light greenish grey | | | | | | | | | | | | | |
| | | muscovite-chlorite schist with | | | | | | | | | | | | | |
| | | minor pyrite. | | | | | | | | | | | | | |
| 144.7 | 145.5 | BARITE. Grey massive barite with | | | | | | | | | | | | | |
| | | minor quartz, minor pyrite in bands, | | | | | | | | | | | | | |
| | | minor calcite, and blobs of soft, | | | | | | | | | | | | | |
| | | black mineral (doesn't look like | | | | | | | | | | | | | |
| | | graphite). | | | | | | | | | | | | | |
| 145.5 | 183.5 | SCHIST. As 111 to 124. Locally | | | | | | | | | | | | | |
| | | contains blobs and lenses of | | | | | | | | | | | | | |
| | | pyrrhotite (<1%). | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD, HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 6 SECTION FROM 183.5 TO 228 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 183.5 | 192.5 | SCHIST. Light grey-green chlorite- | | | | | | | | | | | | | |
| | | muscovite schist with variable | | | | | | | | | | | | | |
| | | proportion of quartz. | | | | | | | | | | | | | |
| 192.5 | 215 | SCHIST. Interbanded dark green | | | | | | | | | | | | | |
| | | quartz-actinolite-chlorite. | | | | | | | | | | | | | |
| | | Garnet schist, light grey-green | | | | | | | | | | | | | |
| | | quartz-muscovite chlorite schist, | | | | | | | | | | | | | |
| | | light grey quartz-muscovite schist | | | | | | | | | | | | | |
| | | and black biotite schist. Locally | | | | | | | | | | | | | |
| | | a few thin light grey marble bands | | | | | | | | | | | | | |
| | | (last few feet).. | | | | | | | | | | | | | |
| 215 | 228 | SCHIST. Interbanded black biotite | | | | | | | | | | | | | |
| | | schist, light green actinolite- | | | | | | | | | | | | | |
| | | chlorite schist (?calcite-silicate), | | | | | | | | | | | | | |
| | | light grey-green muscovite-chlorite | | | | | | | | | | | | | |
| | | schist and light grey marble. | | | | | | | | | | | | | |

Garnets locally.

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 7 | SECTION FROM 228 TO 256 | STARTED

LATITUDE | DATUM | COMPLETED

DEPARTURE | BEARING 215° | ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. | DIP 12° | PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 228 | 239 | SCHIST. Interbanded dark grey | | | | | | | | | | | | | |
| | | quartz-muscovite-biotite schist, | | | | | | | | | | | | | |
| | | grey-green quartz-muscovite-chl | | | | | | | | | | | | | |
| | | schist. Locally a few thin marble | | | | | | | | | | | | | |
| | | bands. | | | | | | | | | | | | | |
| 239 | 242.7 | QUARTZITE. Light grey quartzite | | | | | | | | | | | | | |
| | | with minor micaceous partings and | | | | | | | | | | | | | |
| | | some yellowish white vein quartz. | | | | | | | | | | | | | |
| 242.7 | 244 | BARITE. Massive bartie containing | | | | | | | | | | | | | |
| | | sulfide bands - mixture of pyrite, | | | | | | | | | | | | | |
| | | galena, minor sphalerite, also | | | | | | | | | | | | | |
| | | minor calcite and magnetite. | | | | | | | | | | | | | |
| | | Yellowish brown staining. | | | | | | | | | | | | | |
| 244 | 248 | QUARTZITE. As 239.0 to242.7. | | | | | | | | | | | | | |
| 248 | 256 | SCHIST. Interbanded light grey | | | | | | | | | | | | | |
| | | quartz-muscovite schist, light | | | | | | | | | | | | | |

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DD 41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 8 SECTION FROM 248 TO 272.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 248 (cont'd) | 256 | grey-green quartz-muscovite-chlorite | | | | | | | | | | | | |
| | | schist, and medium-green quartz- | | | | | | | | | | | | |
| | | actinolite-chlorite schist (?C/S). | | | | | | | | | | | | |
| 256 | 259 | QUARTZITE. Interbanded light | | | | | | | | | | | | |
| | | greenish grey cherty quartzite, | | | | | | | | | | | | |
| | | with white vein quartz. | | | | | | | | | | | | |
| 259 | 269 | SCHIST. Interbanded light greenish | | | | | | | | | | | | |
| | | grey cherty quartzite, light green | | | | | | | | | | | | |
| | | actinolite calcite-silicate, and | | | | | | | | | | | | |
| | | (locally) light grey marble. | | | | | | | | | | | | |
| | | Minor pyrite locally in small blobs. | | | | | | | | | | | | |
| 269 | 272.5 | SCHIST. Light green quartz-chl- | | | | | | | | | | | | |
| | | actinolite schist(?C/S) with local | | | | | | | | | | | | |
| | | interbands of light grey quartzite | | | | | | | | | | | | |
| | | and light grey-green quartz- | | | | | | | | | | | | |
| | | muscovite-chlorite schist. | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 9 SECTION FROM 272.5 TO 283.3 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 272.5 | 277.5 | SCHIST. Interbanded dark green quartz-chlorite-actinolite schist (?C/S), light grey-green quartz-muscovite-chlorite schist, locally with black biotite-muscovite schist bands, locally with light grey marble bands. | | | | | | | | | | | | | |
| 277.5 | 283.3 | SCHIST. Interbanded dark green quartz-chlorite-actinolite schist and light grey-green quartz-muscovite-chlorite schist, with white vein quartz bands. Minor pyrite locally. Lower 2 feet --bands of greenish grey cherty looking quartzite. | | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

**HOLE NO.** 76 MM - 02

**PROPERTY** MM

**SHEET NUMBER** 10 **SECTION FROM** 283.3 **TO** 298 **STARTED**

**LATITUDE** **DATUM** **COMPLETED**

**DEPARTURE** **BEARING** 215° **ULTIMATE DEPTH** 870 ft.

**ELEVATION** 5534 ft. **DIP** 12° **PROPOSED DEPTH**

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 283.3 | 285.5 | SCHIST. Interbanded light grey- | | | | | | | | | | | | | |
| | | green quartz-muscovite-chlorite | | | | | | | | | | | | | |
| | | schist and black biotite-muscovite | | | | | | | | | | | | | |
| | | schist. Traces of pyrite. | | | | | | | | | | | | | |
| 285.5 | 287 | SCHIST. Interbanded light to | | | | | | | | | | | | | |
| | | medium green quartz-chlorite- | | | | | | | | | | | | | |
| | | muscovite schist and dark green | | | | | | | | | | | | | |
| | | quartz-chlorite-actinolite schist. | | | | | | | | | | | | | |
| 287 | 287.5 | SULFIDE BAND. Approximately 50% | | | | | | | | | | | | | |
| | | sulfide, in schist~30% pyrite, | | | | | | | | | | | | | |
| | | 10% galena, 10% sphalerite. | | | | | | | | | | | | | |
| 287.5 | 294 | SCHIST. As 285.5 to 287.0. | | | | | | | | | | | | | |
| 294 | 298 | SULFIDE BAND. Hosted by greenish | | | | | | | | | | | | | |
| | | grey quartzite calcite-silicate | | 1675 | 294-298 | 3.09 | 0.03 | 2.70 | 3.75 | | | | | | |
| | | marble. Sulfides 30%-mostly with | | | | | | | | | | | | | |
| | | minor galena and a light orange | | | | | | | | | | | | | |

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DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 11 SECTION FROM 294 TO 315 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 294 (contd) | 298 | mineral (siderite or sphalerite??), minor barite. | | | | | | | | | | | | |
| 298 | 303 | SCHIST. Interbanded light grey quartz-muscovite schist and dark greenish grey quartz-muscovite-chlorite schist. | | | | | | | | | | | | |
| 303 | 315 | Only 6 ft. recovered. Looks as though it's been put in box the wrong way round. Assortment of greenish quartz-chlorite-muscovite schists, quartz-muscovite schists, biotite-muscovite schists and grey quartzites. Minor pyrite disseminated locally, also in bands up to 1" wide. | | | | | | | | | | | | |
| 315 | 315.5 | Grey muscovite quartzite with pyrite band. | | | | | | | | | | | | |

DD4

# DIAMOND DRILL RECORD,

**HOLE NO.** 76 MM - 02

**PROPERTY** MM

**SHEET NUMBER** 12 **SECTION FROM** 315.5 **TO** 404 **STARTED**

**LATITUDE** **DATUM** **COMPLETED**

**DEPARTURE** **BEARING** 215° **ULTIMATE DEPTH** 870 ft.

**ELEVATION** 5534 ft. **DIP** 12° **PROPOSED DEPTH**

| DEPTH FEET | CORE RECOV | DESCRIPTION Structural | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 315.5 | 320.5 | QUARTZITE. Grey and greenish-grey | | | | | | | | | | | | |
| | | foliated quartzite with interbands | | | | | | | | | | | | |
| | | of white vein quartz and greenish- | | | | | | | | | | | | |
| | | grey quartz-muscovite-chlorite | | | | | | | | | | | | |
| | | schist. Minor pyrite. | | | | | | | | | | | | |
| 320.5 | 321.5 | BARITIC, PYRITIC QUARTZITE. Py | | | | | | | | | | | | |
| | | bands contain minor galena and | | | | | | | | | | | | |
| | | pyrrhotite. | | | | | | | | | | | | |
| 321.5 | 404 | QUARTZITE. As 315.5 to 320.5. | | | | | | | | | | | | |
| | | Vein quartz bands contain purple | | | | | | | | | | | | |
| | | fluorite at approximately 340 ft. | | | | | | | | | | | | |
| | | and between 371 and 375. Minor | | | | | | | | | | | | |
| | | disseminated pyrite locally. Band | | | | | | | | | | | | |
| | | of pyrite and pyrrhotite along | | | | | | | | | | | | |
| | | fracture at 397.7. | | | | | | | | | | | | |
| | | 353 - 363 --only 1 foot recovered. | | | | | | | | | | | | |

373 - 394 --only about 9ft recovered.

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# DIAMOND DRILL RECORD,

**HOLE NO.** 76 MM - 02

**PROPERTY** MM

**SHEET NUMBER** 13 **SECTION FROM** 404 **TO** 412 **STARTED**

**LATITUDE** **DATUM** **COMPLETED**

**DEPARTURE** **BEARING** 215° **ULTIMATE DEPTH** 870 ft.

**ELEVATION** 5534 ft. **DIP** 12° **PROPOSED DEPTH**

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 404 | 410 | MASSIVE BARITE. Massive, coarse | | | | | | | | | | | | |
| | | grained, light grey barite with | 1651 | 405-412 | 1.12 | - | 0.75 | 1.40 | | | | | | |
| | | minor quartz and traces of pyrite. | | | | | | | | | | | | |
| | | First inch -- 1" pyrite-quartz- | | | | | | | | | | | | |
| | | barite band with minor galena and | | | | | | | | | | | | |
| | | sphalerite. Last 2" -- bands of | | | | | | | | | | | | |
| | | sulfide 1/4" thick // $S_1$ almost | | | | | | | | | | | | |
| | | entirely pyrite. | | | | | | | | | | | | |
| 410 | 410.5 | MASSIVE SULFIDE BAND. Mostly py, | | | | | | | | | | | | |
| | | minor sphalerite. | | | | | | | | | | | | |
| 410.5 | 412 | MASSIVE BARITE. As 404-410, with | | | | | | | | | | | | |
| | | thin sulfide band. | | | | | | | | | | | | |
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DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 14 SECTION FROM 412 TO 439 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 412 | 430 | MASSIVE SULFIDES, with a few thin | | | | | | | | | | | | |
| | | interbands of grey barite. Sulfide | 1652 | 412-415.5 | 1.09 | - | 1.23 | 3.00 | | | | | | |
| | | ~75%. Mostly pyrite, minor sphal- | 1653 | 415.5-420.5 | 1.59 | - | 2.02 | 6.10 | | | | | | |
| | | erite and galena in blobs up to | 1654 | 420.5-425 | 1.62 | - | 3.15 | 5.25 | | | | | | |
| | | 1/4" diameter. Minor calcite, | 1655 | 425-430 | 2.00 | - | 4.45 | 7.90 | | | | | | |
| | | quartz and siderite. | | | | | | | | | | | | |
| 430 | 433.3 | MASSIVE BARITE. As 405-410. | | | | | | | | | | | | |
| | | At 431.5 - 2" band of brecciation | 1656 | 430-433.3 | 0.35 | - | 0.20 | 0.45 | | | | | | |
| | | containing ~30% sulfide (pyrrhotite) | | | | | | | | | | | | |
| | | in filling. | | | | | | | | | | | | |
| 433.3 | 439 | MASSIVE SULFIDE. As 412-430, but | | | | | | | | | | | | |
| | | mixture of pyrite and pyrrhotite, | 1657 | 433.3-439 | 1.94 | - | 4.35 | 7.75 | | | | | | |
| | | minor sphalerite and galena. | | | | | | | | | | | | |
| | | Sulfides ~75%. | | | | | | | | | | | | |
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DD41

# DIAMOND DRILL RECORD,

**HOLE NO.** 76 MM - 02

**PROPERTY** MM

**SHEET NUMBER** 15 **SECTION FROM** 439 **TO** 464 **STARTED**

**LATITUDE** **DATUM** **COMPLETED**

**DEPARTURE** **BEARING** 215° **ULTIMATE DEPTH** 870 ft.

**ELEVATION** 5534 ft. **DIP** 12° **PROPOSED DEPTH**

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 439 | 463 | QUARTZITE WITH SULFIDE BANDS. | | | | | | | | | | | | |
| | | Interbanded light grey quartzite | 1658 | 439-444 | 0.47 | - | 1.04 | 4.50 | | | | | | |
| | | containing feldspar xenocrysts up | 1659 | 444-449 | 0.50 | - | 1.13 | 4.70 | | | | | | |
| | | to 5mm diameter and sulfide - bear- | 1660 | 449-454 | 0.38 | - | 0.98 | 4.83 | | | | | | |
| | | ing quartzite containing minor | 1661 | 454-459 | 0.35 | - | 0.88 | 4.95 | | | | | | |
| | | barite, calcite and magnetite. | 1662 | 459-464 | 0.18 | - | 0.54 | 2.00 | | | | | | |
| | | Sulfides ~20% -mostly pyrrhotite | | | | | | | | | | | | |
| | | with minor pyrite, sphalerite and | | | | | | | | | | | | |
| | | galena. Pyrrhotite is probably | | | | | | | | | | | | |
| | | pseudomorph after pyrite. | | | | | | | | | | | | |
| 463 | 464 | MASSIVE SULFIDE. Approximately | | | | | | | | | | | | |
| | | 75% sulfide in quartzite with | | | | | | | | | | | | |
| | | feldspar xenocrysts. Mainly | | | | | | | | | | | | |
| | | pyrrhotite with minor pyrite, | | | | | | | | | | | | |
| | | sphalerite and galena, also minor | | | | | | | | | | | | |
| | | barite and trace of calcite. | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 16 SECTION FROM 464 TO 495 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 464 | 484 | QUARTZITE. Medium grey, fairly | | | | | | | | | | | | | |
| | | pure, foliated quartzite with | | 1663 | 464-469 | 0.21 | - | 0.57 | 2.75 | | | | | | |
| | | minor chlorite and biotite, locally | | 1664 | 469-474 | 0.12 | - | 0.28 | 0.60 | | | | | | |
| | | with feldspar xenocrysts. Thin | | 1665 | 474-479 | 0.15 | - | 0.37 | 0.70 | | | | | - | |
| | | sulfide bands - mainly pyrrhotite | | 1666 | 479-484 | 0.18 | - | 0.55 | 0.98 | | | | | | |
| | | with minor galena and sphalerite- | | | | | | | | | | | | | |
| | | approximately 10% sulfides. Biot- | | | | | | | | | | | | | |
| | | ite along late fracture surfaces. | | | | | | | | | | | | | |
| 484 | 495 | QUARTZITE. Light grey, well- | | | | | | | | | | | | | |
| | | foliated banded quartzite with | | 1667 | 484-489 | 0.15 | - | 0.49 | 0.90 | | | | | | |
| | | minor calcite, chlorite and (?) | | 1668 | 489-494 | 0.15 | - | 0.57 | 1.10 | | | | | | |
| | | barite. Thin sulfide bands-mostly | | | | | | | | | | | | | |
| | | pyrrhotite with minor pyrite, | | | | | | | | | | | | | |
| | | sphalerite and galena. Approximate- | | | | | | | | | | | | | |
| | | ly 10% sulfides. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

DD4

# DIAMOND DRILL RECORD,

**HOLE NO.** 76 MM -02

**PROPERTY** MM

**SHEET NUMBER** 17 **SECTION FROM** 495 **TO** 518 **STARTED**

**LATITUDE** **DATUM** **COMPLETED**

**DEPARTURE** **BEARING** 215° **ULTIMATE DEPTH** 870 ft.

**ELEVATION** 5534 ft. **DIP** 12° **PROPOSED DEPTH**

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 495 | 510 | QUARTZITE. As 464.0 to 484.0. | | 1669 | 494-498 | 0.24 | 0.02 | 0.67 | 1.30 | | | | | | |
| | | Sulfides mainly pyrrhotite and | | 1670 | 498-503 | 0.12 | 0.02 | 0.28 | 0.50 | | | | | | |
| | | pyrite with minor galena and | | 1671 | 503-513 | 0.21 | 0.01 | 0.74 | 0.23 | | | | | | |
| | | sphalerite.- sulfides ~10%. Large | | | | | | | | | | | | | |
| | | blobs of purple fluorite. | | | | | | | | | | | | | |
| 510 | 518 | MARBLE. Light grey marble with | | | | | | | | | | | | | |
| | | thin interbands of light grey | | 1672 | 513-518 | 0.68 | 0.05 | 2.50 | 0.25 | | | | | | |
| | | quartzite. Thin sulfide bands- | | | | | | | | | | | | | |
| | | mainly pyrrhotite and pyrite with | | | | | | | | | | | | | |
| | | minor sphalerite and galena. | | | | | | | | | | | | | |
| | | Approximately 10% sulfide. Large | | | | | | | | | | | | | |
| | | blobs of fluorite. | | | | | | | | | | | | | |
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DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 18 SECTION FROM 518 TO 557 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 518 | 529 | MARBLE AS 510.0 to 518.0 but more | | | | | | | | | | | | | |
| | | sulfide- 25 to 30% overall. Approx | | 1673 | 518-523.5 | 0.38 | 0.05 | 1.53 | 1.50 | | | | | | |
| | | 10% sphalerite, 2 to 3% galena, | | 1676 | 523.5-529 | 0.29 | 0.07 | 1.05 | 3.95 | | | | | | |
| | | traces of chalcopyrite, remainder | | | | | | | | | | | | | |
| | | pyrrhotite pseudomorph after py. | | | | | | | | | | | | | |
| | | Large blobs of magnetite, and minor | | | | | | | | | | | | | |
| | | fluorite. | | | | | | | | | | | | | |
| 529 | 548 | MARBLE As 510.0 to 518.0, without | | 1677 | 529-534 | 0.09 | 0.01 | 0.20 | 0.20 | | | | | | |
| | | fluorite. | | 1678 | 534-539 | 0.06 | 0.01 | 0.07 | TR | | | | | | |
| | | | | 1679 | 539-544 | 0.03 | 0.01 | 0.13 | 0.10 | | | | | | |
| | | | | 1680 | 544-548 | 0.06 | 0.02 | 0.40 | 0.50 | | | | | | |
| 548 | 557 | MARBLE. As 510.0 to 518.0 with | | | | | | | | | | | | | |
| | | 15 to 20% sulfide-mostly mixture of | | 1681 | 548-553 | 0.26 | 0.05 | 1.24 | 1.73 | | | | | | |
| | | pyrite and pyrrhotite with minor | | 1682 | 553-557 | 0.12 | 0.03 | 0.29 | 0.02 | | | | | | |
| | | sphalerite and galena. No fluorite. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

DD41

# DIAMOND DRILL RECORD, HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 19 SECTION FROM 557 TO 620.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 557 | 583 | QUARTZITE. Greenish grey chlorite | | | | | | | | | | | | |
| | | and muscovite, rich quartzite | 1683 | 557-562 | 0.03 | 0.02 | 0.05 | 0.01 | | | | | | |
| | | and minor biotite. Locally thin | 1684 | 562-567 | 0.09 | 0.02 | 0.44 | 1.08 | | | | | | |
| | | interbands of light grey marble. | 1685 | 567-572 | 0.15 | 0.05 | 0.70 | 1.30 | | | | | | |
| | | Thin sulfide bands-mostly pyrrhot- | 1686 | 572-577 | 0.29 | 0.03 | 1.55 | 2.70 | | | | | | |
| | | ite, minor pyrite, sphalerite and | 1687 | 577-582 | 0.21 | 0.02 | 1.03 | 1.08 | | | | | | |
| | | galena. ~5-10% total sulfides. | | | | | | | | | | | | |
| 583 | 595 | Thinly interbanded light grey | 1688 | 582-587 | 0.23 | 0.03 | 1.15 | 1.70 | | | | | | |
| | | marble, light grey quartzite and | 1689 | 587-592 | 0.06 | 0.01 | 0.08 | 0.05 | | | | | | |
| | | sulfide. Sulfides ~10% - mostly | 1690 | 592-597 | 0.06 | 0.01 | 0.12 | 0.04 | | | | | | |
| | | pyrrhotite, minor pyrite, sphal- | | | | | | | | | | | | |
| | | erite and galena. | 1691 | 597-602 | TR | 0.01 | 0.01 | TR | | | | | | |
| 595 | 620.5 | QUARTZITE. Greenish grey chlorite | 1692 | 602-607 | TR | 0.01 | 0.01 | TR | | | | | | |
| | | and muscovite quartzite, locally | 1693 | 607-612 | 0.03 | 0.01 | 0.03 | TR | | | | | | |
| | | with thin interbands of light grey | 1694 | 612-617 | 0.03 | 0.01 | 0.01 | TR | | | | | | |
| | | marble. Minor disseminated pyrite | 1695 | 617-622 | 0.15 | 0.02 | 0.32 | 0.30 | | | | | | |
| | | locally. | | | | | | | | | | | | |

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 20 SECTION FROM 620.5 TO 633.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 620.5 | 623.5 | BANDED SULFIDES. Interbanded light | | | | | | | | | | | | | |
| | | grey-green quartzose calcite-sili- | | | | | | | | | | | | | |
| | | cate marble or calcareous quartzite, | | | | | | | | | | | | | |
| | | and sulfide bands (~20%). | | | | | | | | | | | | | |
| | | Sulfide chiefly pyrrhotite with | | | | | | | | | | | | | |
| | | blobs of sphalerite and galena. | | | | | | | | | | | | | |
| 623.5 | 626 | BANDED SULFIDES. Interbanded light | | 1696 | 622-627 | 0.15 | 0.08 | 0.22 | 0.55 | | | | | | |
| | | grey-green chloritic quartzite, | | | | | | | | | | | | | |
| | | grey quartzite and chlorite schist- | | | | | | | | | | | | | |
| | | sulfides ~60%, chiefly pyrrhotite- | | | | | | | | | | | | | |
| | | ~10% sphalerite, 1-2% galena, | | | | | | | | | | | | | |
| | | large blobs of pyrite, traces of | | | | | | | | | | | | | |
| | | chalcopyrite. | | | | | | | | | | | | | |
| 626 | 633.5 | Interbanded light greenish-grey | | | | | | | | | | | | | |
| | | chlorite-quartzite and dark green | | 1697 | 627-632 | TR | 0.01 | 0.03 | TR | | | | | | |
| | | quartz-chlorite-actinolite rock | | | | | | | | | | | | | |

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DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 21 SECTION FROM 626 TO 643 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 626 (Contd) | 633.5 | (? calcite-silicate?). Trace of disseminated pyrite. | | | | | | | | | | | | | |
| 633.5 | 638 | BANDED SULFIDES. As 626.0 to 633.5 but with abundant sulfides, increasing in proportion downward from ~20% to ~75%. Mostly pyrrhotite, minor sphalerite, large blobs of galena and pyrite, traces of chalcopyrite. Also large blobs of purple and very dark green, apparently associated with galena. | | 1698 | 632-637 | 0.59 | 0.04 | 1.72 | 4.15 | | | | | | |
| 638 | 643 | SCHIST. Interbanded greenish grey quartz-chlorite schist, quartz-muscovite-chlorite schist and dark green quartz-chlorite-actinolite rock (?C/S), locally with minor biotite. | | 1699 | 637-642 | 0.03 | 0.03 | 0.18 | 0.98 | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 22 SECTION FROM 643 TO 652.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 643 | 650 | QUARTZITE. Light grey-green musco- | | | | | | | | | | | | | |
| | | vite and chlorite-bearing quartzite | | 1700 | 642-647 | 0.15 | 0.02 | 0.57 | 1.08 | | | | | | |
| | | with minor quartz-biotite schist. | | 1851 | 647-652 | 0.26 | 0.05 | 1.03 | 1.35 | | | | | | |
| | | Sulfide bands up to 1" thick | | | | | | | | | | | | | |
| | | approximately 1 ft. apart - | | | | | | | | | | | | | |
| | | pyrrhotite and sphalerite and | | | | | | | | | | | | | |
| | | galena in roughly equal proportions | | | | | | | | | | | | | |
| | | with minor pyrite and trace of | | | | | | | | | | | | | |
| | | chalcopyrite. | | | | | | | | | | | | | |
| 650 | 652.5 | BANDED SULFIDE. ~75% sulfides in | | | | | | | | | | | | | |
| | | quartzite. Mostly pyrrhotite; | | | | | | | | | | | | | |
| | | sphalerite ~20%, traces of galena | | | | | | | | | | | | | |
| | | and chalcopyrite. Blobs of pyrite | | | | | | | | | | | | | |
| | | near bottom. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

2041

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 23 SECTION FROM 652.5 TO 793 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 652.5 | 661.5 | QUARTZITE. Banded grey quartzite | | | | | | | | | | | | |
| | | containing ~10% sulfide - pyrrhot- | 1852 | 652-657 | 0.09 | 0.02 | 0.27 | 0.55 | | | | | | |
| | | ite with minor sphalerite and | 1853 | 657-662 | 0.23 | 0.02 | 0.80 | 0.90 | | | | | | |
| | | galena. | | | | | | | | | | | | |
| 661.5 | 663 | BANDED SULFIDE. Grey quartzite | | | | | | | | | | | | |
| | | containing ~30% sulfide - pyrrho- | 1854 | 662-667 | 0.12 | 0.08 | 0.40 | 0.88 | | | | | | |
| | | tite with minor sphalerite and | | | | | | | | | | | | |
| | | galena. | | | | | | | | | | | | |
| 663 | 793 | BANDED SULFIDE. Interbanded grey | 1855 | 667-672 | 0.12 | 0.01 | 0.20 | 0.05 | | | | | | |
| | | quartzite and grey marble with | 1856 | 672-677 | 0.15 | 0.01 | 0.14 | TR | | | | | | |
| | | local interbands of grey-green | 1857 | 677-682 | 0.21 | 0.04 | 0.78 | 1.93 | | | | | | |
| | | mica schist. Sulfide 0 to 20%. | 1858 | 682-687 | 0.15 | 0.02 | 0.38 | 0.20 | | | | | | |
| | | Mainly pyrrhotite with minor | 1859 | 687-692 | 0.26 | 0.02 | 0.80 | 1.58 | | | | | | |
| | | sphalerite and galena. | 1860 | 692-697 | 0.26 | 0.02 | 0.49 | 0.55 | | | | | | |
| | | | 1861 | 697-702 | 0.03 | 0.01 | 0.05 | TR | | | | | | |
| | | | 1862 | 702-707 | TR | 0.01 | 0.03 | TR | | | | | | |

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DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 24 SECTION FROM 663 TO 801 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 663 | 793 | Continued. | | 1863 | 707-712 | TR | 0.01 | 0.05 | 0.03 | | | | | | |
| | | | | 1864 | 712-717 | 0.03 | 0.01 | 0.03 | TR | | | | | | |
| | | | | 1865 | 717-722 | 0.06 | 0.01 | 0.05 | TR | | | | | | |
| | | | | 1866 | 722-727 | 0.12 | 0.01 | 0.14 | 0.20 | | | | | | |
| | | | | 1867 | 727-732 | 0.06 | 0.01 | 0.03 | 0.05 | | | | | | |
| | | | | 1868 | 732-737 | 0.03 | 0.01 | 0.03 | 0.03 | | | | | | |
| | | | | 1869 | 737-742 | 0.06 | 0.01 | 0.05 | 0.01 | | | | | | |
| | | | | 1870 | 742-747 | 0.15 | 0.03 | 0.32 | 0.48 | | | | | | |
| | | | | 1871 | 747-752 | 0.38 | 0.04 | 1.05 | 3.58 | | | | | | |
| | | | | 1872 | 752-757 | 0.09 | 0.02 | 0.23 | 0.50 | | | | | | |
| | | | | 1873 | 772-777 | 0.97 | 0.04 | 2.50 | 3.10 | | | | | | |
| | | | | 1874 | 777-782 | 0.41 | 0.02 | 0.74 | 1.75 | | | | | | |
| | | | | 1875 | 782-787 | 0.01 | 0.03 | 0.04 | 0.08 | | | | | | |
| | | | | 1876 | 787-792 | 0.01 | 0.02 | 0.03 | 0.08 | | | | | | |
| 793 | 801 | BANDED SULFIDES. As 663 to 793 | | | | | | | | | | | | | |
| | | with sulfide~50%, also blobs of | | 1877 | 792-797 | 0.77 | 0.03 | 2.68 | 3.55 | | | | | | |
| | | magnetite. | | 1878 | 797-802 | 0.68 | 0.07 | 2.38 | 4.10 | | | | | | |

DD41

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 02

PROPERTY MM

SHEET NUMBER 25 SECTION FROM ____ TO ____ STARTED ____

LATITUDE ____ DATUM ____ COMPLETED ____

DEPARTURE ____ BEARING 215° ULTIMATE DEPTH 870 ft.

ELEVATION 5534 ft. DIP 12° PROPOSED DEPTH ____

| DEPTH FEET | CORE RECOV | DESCRIPTION | STRUCTURAL | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 801 | 846 | BANDED SULFIDES. As 663-793.0. | | 1879 | 802-807 | 0.12 | 0.02 | 0.22 | 0.45 | | | | | | |
| | | | | 1880 | 807 812 | 0.03 | 0.01 | 0.03 | 0.04 | | | | | | |
| | | | | 1881 | 812-817 | 0.06 | 0.01 | 0.07 | 0.06 | | | | | | |
| | | | | 1882 | 817-822 | 0.03 | 0.01 | 0.05 | 0.08 | | | | | | |
| | | | | 1883 | 822-827 | 0.41 | 0.02 | 0.71 | 1.70 | | | | | | |
| | | | | 1884 | 827-832 | 0.29 | 0.02 | 0.69 | 1.05 | | | | | | |
| 846 | 870 | CHERT. Light to dark grey chert | | | | | | | | | | | | | |
| | | with white vein quartz along | | | | | | | | | | | | | |
| | | fractures. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | END OF HOLE. | | | | | | | | | | | | | |
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Deep Logs MMB Y73871 1976 105 F-7

# DIAMOND DRILL RECORD, 09137

HOLE NO. 76 MM - 07 DD-41

PROPERTY MM

SHEET NUMBER 1 SECTION FROM 0 TO 620 STARTED August 31, 1976

LATITUDE DATUM COMPLETED September 10th, 1976.

DEPARTURE BEARING 185° ULTIMATE DEPTH 933

ELEVATION 5800 DIP -60° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 23 | Overburden | | | | | | | | | | | | |
| 23 | 87 | Sericite-chlorite-quartz schist. $F_o$ 75°/axis at 25' | | | | | | | | | | | | |
| 87 | 218 | Biotite-chlorite-quartz schist with occasional | | | | | | | | | | | | |
| | | garnet. $F_o$ variable, numerous $F_2$ noses with | | | | | | | | | | | | |
| | | axial planes generally 30° to 40°/axis. | | | | | | | | | | | | |
| 218 | 536 | Massive fine grained structuneless grey green | | | | | | | | | | | | |
| | | meta-andesite. Rare calcite veinlets. | | | | | | | | | | | | |
| 536 | 561 | Gradational contact with more biotite rich fine | | | | | | | | | | | | |
| | | grained biotite-chlorite-quartz schist. | | | | | | | | | | | | |
| | | $F_2$ 75° /axis at 545. $F_2$ 75° /axis at 551. | | | | | | | | | | | | |
| | | Numerous $F_2$ fold noses between 528 and 550. | | | | | | | | | | | | |
| 561 | 620 | Well bedded pyrite-pyrrhotite-sphalerite-(chalco- | 3701 | 561-566 | 0.71 | 0.32 | 0.47 | 5.80 | | | | | | |
| | | pyrite) mineralization in quartz chlorite biotite | 3702 | 566-571 | 0.53 | 0.45 | 0.27 | 3.10 | | | | | | |
| | | schist. Barrenquartz veining makes up 10% of rock. | 3703 | 571-576 | 0.44 | 0.19 | 0.33 | 4.58 | | | | | | |
| | | Mineralization varies over short distances from | 3704 | 576-581 | 0.29 | 0.18 | 0.19 | 1.58 | | | | | | |
| | | massive to blebby and disseminated pyrrhotite and | 3705 | 581-586 | 0.09 | 0.08 | 0.01 | 0.53 | | | | | | |

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 07 DD-41

PROPERTY MM

SHEET NUMBER 2 SECTION FROM 620 TO 656.5 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 185° ULTIMATE DEPTH 933

ELEVATION 5800 DIP -60° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | pyrite. -- 6" band of unusual pale orange | 3706 | 586-591 | 0.83 | 0.78 | 0.63 | 3.65 | | | | | | |
| | | sphalerite at 616 ft. Sphalerite generally dark | 3707 | 591-596 | 0.26 | 0.15 | 0.29 | 1.98 | | | | | | |
| | | red-brown throughout section, no visible galena. | 3708 | 596-601 | 0.12 | 0.12 | 0.03 | 0.23 | | | | | | |
| | | | 3709 | 601-606 | 0.50 | 0.07 | 0.75 | 4.95 | | | | | | |
| | | | 3710 | 606-611 | 0.21 | 0.05 | 0.62 | 1.78 | | | | | | |
| | | | 3711 | 611-616 | 0.15 | 0.05 | 0.20 | 2.68 | | | | | | |
| | | | 3712 | 616-621 | 0.29 | 0.05 | 0.53 | 2.50 | | | | | | |
| 620 | 643 | Rock loses biotite, becomes quartz-sericite-chlorite | 3713 | 621-626 | TR | 0.01 | 0.01 | 0.03 | | | | | | |
| | | schist- probably metarhyolite. No sulfides other | 3714 | 626-631 | TR | 0.01 | 0.01 | TR | | | | | | |
| | | than pyrite. | 3715 | 631-636 | TR | 0.01 | TR | 0.02 | | | | | | |
| | | | 3716 | 636-641 | 0.03 | 0.01 | TR | 0.08 | | | | | | |
| 643 | 643.5 | Massive barite with trace of pyrite. | | | | | | | | | | | | |
| 643.5 | 645 | Massive pyrite. No visible base metal sulfides. | 3717 | 641-646 | 1.29 | 0.03 | 0.27 | 0.98 | | | | | | |
| 645 | 654 | Quartz-sericite chert with 5 to 8% pyrite. | 3718 | 646-651 | 0.83 | 0.01 | 0.07 | 0.04 | | | | | | |
| 654 | 656.5 | Massive pyrite with clots of calcite. | 3719 | 651-656 | 1.06 | 0.02 | 0.42 | 0.68 | | | | | | |
| | | | | | | | | | | | | | | |

# DIAMOND DRILL RECORD,

HOLE NO. 76 MM - 07

PROPERTY MM

SHEET NUMBER 3 SECTION FROM 656.5 TO 726 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 185° ULTIMATE DEPTH 933

ELEVATION 5800 DIP -60° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 656.5 | 665.5 | Sericite-quartz schist with 10 to 20% pyrite. | 3720 | 656-661 | 1.09 | 0.02 | 0.35 | 0.58 | | | | | | |
| | | | 3721 | 661-665 | 0.53 | 0.04 | 0.28 | 0.75 | | | | | | |
| 665.5 | 692 | Dark green chlorite-biotite-quartz schist as at | 3722 | 666-671 | 0.03 | 0.07 | 0.01 | 1.45 | | | | | | |
| | | 561→620. 5 to 10% pyrrhotite. Minor pyrite in | 3723 | 671-676 | 0.06 | 0.03 | TR | 0.58 | | | | | | |
| | | quartz veins. | 3724 | 676-681 | 0.09 | 0.03 | 0.04 | 1.43 | | | | | | |
| | | | 3725 | 681-686 | 0.06 | 0.03 | 0.09 | 1.10 | | | | | | |
| | | | 3726 | 686-691 | 0.15 | 0.05 | 0.05 | 2.68 | | | | | | |
| 692 | 692.5 | Massive barite with 2% pyrite | 3727 | 691-696 | 0.24 | 0.02 | 0.13 | 0.38 | | | | | | |
| 692.5 | 701 | Pyritic quartz-sericite-chlorite schist. | 3728 | 696-701 | 0.06 | 0.03 | 0.03 | 0.33 | | | | | | |
| 701 | 703 | Massive barite with 20% pyrite | 3729 | 701-706 | 0.56 | 0.03 | 0.77 | 2.13 | | | | | | |
| 703 | 708 | Quartz-sericite-chlorite schist with a few % | | | | | | | | | | | | |
| | | pyrite and pyrrhotite and trace sphalerite. | 3730 | 706-711 | 0.03 | 0.02 | TR | 0.25 | | | | | | |
| 708 | 712 | Much more chloritic schist with traces of green | | | | | | | | | | | | |
| | | flourite in quartz veins. | 3731 | 711-716 | 0.65 | 0.02 | 0.42 | 0.63 | | | | | | |
| 712 | 726 | Quartz-sericite-chlorite schist with bands of | 3732 | 716-721 | 0.91 | 0.02 | 0.92 | 2.23 | | | | | | |
| | | pyrite. | 3733 | 721-726 | 1.03 | 0.03 | 0.58 | 0.70 | | | | | | |

DD 41

# DIAMOND DRILL RECORD, HOLE NO. 76 MM - 07

PROPERTY MM

SHEET NUMBER 4 SECTION FROM 726 TO 933 STARTED

LATITUDE DATUM COMPLETED

DEPARTURE BEARING 185° ULTIMATE DEPTH 933

ELEVATION 5800 DIP -60° PROPOSED DEPTH

| DEPTH FEET | CORE RECOV | DESCRIPTION | CORE SAMPLE NO. | FOOTAGE | CORE ASSAYS AG. | CU. | PB. | ZN. | SLUDGE SAMPLE NO. | FOOTAGE | SLUDGE ASSAYS AG. | CU. | PB. | ZN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 726 | 728.5 | Massive pyrite with traces of coarse grained | 3734 | 726-731 | 0.91 | 0.02 | 1.03 | 0.85 | | | | | | |
| | | galena (approximately 2% for interval). | | | | | | | | | | | | |
| 728.5 | 731.5 | Coarse grained quartz-chlorite-sericite schist. | | | | | | | | | | | | |
| 731.5 | 733 | Pyrite content 50% for interval, otherwise like | 3735 | 731-736 | 0.59 | 0.01 | 0.20 | 0.48 | | | | | | |
| | | 728.5 to 731.5 | | | | | | | | | | | | |
| 733 | 733.5 | Massive barite. | | | | | | | | | | | | |
| 733.5 | 813 | Quartz-sericite (±chlorite) schist. Very siliceous | | | | | | | | | | | | |
| | | -almost a chert at some places. Two to 5% pyrite | | | | | | | | | | | | |
| | | throughout, traces of sphalerite at 741, 788, | | | | | | | | | | | | |
| | | and 794. $F_o$ 75°/axis at 738ft. $F_o$ 60°/axis at 790. | | | | | | | | | | | | |
| | | $F_o$ 85°/axis at 818. | | | | | | | | | | | | |
| 813 | 933 | Fine grained biotite-chlorite-quartz schist. | | | | | | | | | | | | |
| | | $F_o$ 80°/axis throughout section. | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | END OF HOLE | | | | | | | | | | | | |
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