

































# Diamond Drill Record

|                                |               |         |     |
|--------------------------------|---------------|---------|-----|
| COLLAR:                        | HOLE SURVEY   |         |     |
| NORTH _____                    | FOOTAGE       | AZIMUTH | DIP |
| EAST _____                     |               |         |     |
| ELEVATION _____                |               |         |     |
| LOGGED BY <u>M.A. STAMMERS</u> |               |         |     |
| DATE LOGGED _____              |               |         |     |
| MAP REFERENCE NO. _____        | METHOD: _____ |         |     |

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

|                        |
|------------------------|
| HOLE NO. <u>1966-8</u> |
| CLAIM NAME _____       |
| COMMENCED _____        |
| FINISHED _____         |
| PROJECT NO. _____      |

| FROM  | TO    | RECOVY | DESCRIPTION   | SAMPLE |    |       |     | ASSAYS |  |  |  |  |  |
|-------|-------|--------|---|--------|----|-------|-----|--------|--|--|--|--|--|
|       |       |        |   | FROM   | TO | WIDTH | NO. |        |  |  |  |  |  |
| 296.5 | 297.5 |        | with po. = 30%-40% and total sulfides 50%-60%. Lead-Zinc combined ≈ 7%.   |        |    |       |     |        |  |  |  |  |  |
| 297.5 | 300   |        | <u>Pyrite Bearing Quartz</u> ; as 294.5-296.5, moderately altered. S <sub>2</sub> ≈ 10-20% to c.a. @ 299'.  |        |    |       |     |        |  |  |  |  |  |
| 300   | 327   |        | <u>Massive Pyritic-Magnetitic Sulfides</u> ; c.f. 285-294.5, unit is massive, coarsely porphyritic "Buck Slot Ore" zone. Upper contact is gradational over an 18" zone to 301.5. Sulfides are weakly brecciated from 301.5' to 303'. Magnetite zone from 302-327. Weak magnetite zone 300-302. Barite zones from 300-315 and 325-327 (< 7%). Total sulfides ≥ 80%. Combined lead-zinc 10-14%. No good foliation measurements available. |        |    |       |     |        |  |  |  |  |  |
| 327   | 330   |        | <u>Massive Pyrochottic Sulfides</u> ; as 296.5-297.5, po = 40% total sulfides 70%, combined Pb-Zn 10% mostly appearance with various alteration / weathering colours.   |        |    |       |     |        |  |  |  |  |  |
| 330   | 354   |        | <u>Massive Pyritic-Baritic ± Magnetitic Sulfides</u> ; c.f. 285-294.5 and as 300-327. Unit classified according to barite mineralogy which in this case is 55% over interval. Magnetite zones are 337-347 and 348.5-349.5. Weak banding is apparent with S <sub>2</sub> = Compositional Banding = 6% c.a. @ 351'. Total sulfides ≈ 80%. Lead-Zinc combined = 10-12% over interval.  |        |    |       |     |        |  |  |  |  |  |
| 354   | 365   |        | <u>Massive Pyritic Sulfides</u> ; c.f. 285-294.5 and as 300-327; unit is non-baritic and a 2" magnetite zone @ 301' is the only magnetic zone within interval. Total sulfides ≈ 80%. Lead-zinc combined; 9-12%.   |        |    |       |     |        |  |  |  |  |  |
| 365   | 370   |        | <u>Massive Pyritic-Baritic Sulfides</u> ; c.f. 285-294.5 and as 330-354. Barite ≤ 5% over interval non-magnetic, not banded, unbrecciated. Vuggy. Combined lead-zinc ≈ 15%.   |        |    |       |     |        |  |  |  |  |  |
| 370   | 374   |        | <u>Massive Pyritic-Magnetitic Sulfides</u> ; c.f. 285-294.5 and as 354-365, non-baritic, magnetite interval 370-380. Lead-Zinc combined ≈ 5.5% (7).   |        |    |       |     |        |  |  |  |  |  |
| 374   | 387   |        | <u>Massive Pyritic-Baritic ± Magnetitic Sulfides</u> ; as 330-354, description c.f. 285-294.5   |        |    |       |     |        |  |  |  |  |  |

300-302

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# Diamond Drill Record

|                                 |               |         |     |
|---------------------------------|---------------|---------|-----|
| COLLAR:                         | HOLE SURVEY   |         |     |
| NORTH _____                     | FOOTAGE       | AZIMUTH | DIP |
| EAST _____                      |               |         |     |
| ELEVATION _____                 |               |         |     |
| LOGGED BY <u>M. R. STAMMERS</u> |               |         |     |
| DATE LOGGED _____               |               |         |     |
| MAP REFERENCE NO. _____         | METHOD: _____ |         |     |

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

|                        |
|------------------------|
| HOLE NO. <u>1966-8</u> |
| CLAIM NAME _____       |
| COMMENCED _____        |
| FINISHED _____         |
| PROJECT NO. _____      |

| FROM | TO  | RECOVY  | DESCRIPTION  | SAMPLE |    |       |     | ASSAYS |  |  |  |  |  |
|------|-----|---------|--|--------|----|-------|-----|--------|--|--|--|--|--|
|      |     |         |  | FROM   | TO | WIDTH | NO. |        |  |  |  |  |  |
| 374  | 387 | (cont.) | Strongly baritic, averaging 10-15% with some samples up to 30%, Magnetite zones from 370-380 and 383-386.5. Combined lead-Zinc = 12%. Some weak insipient compositional banding present. Minor pyrrhotite (<1%) thruout interval.  |        |    |       |     |        |  |  |  |  |  |
| 387  | 424 |         | Massive Pyritic Sulfides; as 354-365 and description c.f. 285-294.5. Non-baritic, non-magnetic, Weak, insipient compositional banding. Combined lead-zinc = 2-10.5%. Note the lower galena-sphalerite count. Comparatively the pyritic count increases. S <sub>2</sub> = 70% to c.c. @ 410   |        |    |       |     |        |  |  |  |  |  |
| 424  | 428 |         | Massive Pyritic-Baritic Sulfides; as 365-370 and description c.f. 285-294.5. Weakly baritic = 1%, non-magnetic, Combined Lead-Zinc = 9%.   |        |    |       |     |        |  |  |  |  |  |
| 428  | 498 |         | Massive Pyritic Sulfides; as 387-424, description c.f. 285-294.5. garnetiferous zone @ 417.5-419 large red-brown garnet mass within pyritic/siliceous matrix. trace barite (<<1%) thru otherwise non-baritic interval. Non-magnetic with magnetite zone exception from 431-434.5. Unit weakly banded to massive, med-csly xlline, c.f. Buckshot ore but with greater pyrite mineralization. Good visible chalc, pyrrhotite, galena, pyrite, sphalerite -qtz ven @ 433.5' lead-zinc Combined 3.5-11%. S <sub>2</sub> = 70% to c.c. @ 450 = Compositional Banding. |        |    |       |     |        |  |  |  |  |  |
| 498  | 500 |         | Kaolinitized Musc -Qtzite; bleached buff white to med grey, heavily altered, thinly to weakly banded, pyrite ≤ 1% in flecks and blebs. Broken and disintegrated core.  |        |    |       |     |        |  |  |  |  |  |
| 500  | 515 |         | Massive Pyritic (Pb-Zn-Rich) Sulfides; gold pyrite (70%) with distinctive galena and sphalerite intercrystalline matrix. Good spalerit zoning thruout. Unit massive and csly xlline Buckshot ore. Combined Lead-Zinc: 15-19%. Unit non-baritic, non-magnetic, unbrecciated, unbanded.  |        |    |       |     |        |  |  |  |  |  |

P. W. Hall  
 (Signature)



# Diamond Drill Record

|                                |               |         |     |
|--------------------------------|---------------|---------|-----|
| COLLAR:                        | HOLE SURVEY   |         |     |
| NORTH _____                    | FOOTAGE       | AZIMUTH | DIP |
| EAST _____                     |               |         |     |
| ELEVATION _____                |               |         |     |
| LOGGED BY <u>M.A. STAMMERS</u> |               |         |     |
| DATE LOGGED _____              |               |         |     |
| MAP REFERENCE NO. _____        | METHOD: _____ |         |     |

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

|                        |
|------------------------|
| HOLE NO. <u>1966-8</u> |
| CLAIM NAME _____       |
| COMMENCED _____        |
| FINISHED _____         |
| PROJECT NO. _____      |

| FROM | TO    | RECOVY | DESCRIPTION  | SAMPLE |    |       |     | ASSAYS |  |  |  |  |  |
|------|-------|--------|--|--------|----|-------|-----|--------|--|--|--|--|--|
|      |       |        |  | FROM   | TO | WIDTH | NO. |        |  |  |  |  |  |
| 617  | 633   |        | Qtz - Bio - Musc - Andul Schist; as 587-604 with muscovite to biotite ratio increasing downhole. Increase in chlorite replacing Andul and/or biotite   |        |    |       |     |        |  |  |  |  |  |
| 633  | 635   |        | Bull Qtz - Andul Veining; as 604-617 with no schist interleaving, minor chloritic mineralization   |        |    |       |     |        |  |  |  |  |  |
| 635  | 783   |        | Qtz - Musc - Bio ± Chlor ± Andul Schist; lt. green beige, thinly banded, weakly porphyroblastic, mod illine, several areas of chlorite replacing andalusite and biotite. Muscovite to biotite ratio increasing downhole with musc ≥ bio becoming musc > bio schist. Unit completely folded with D <sub>2</sub> transposition of F <sub>1</sub> fabric complete and numerous post D <sub>2</sub> kinkle-like folds<br><small>(on hinge of F<sub>2</sub> fold)</small><br>S <sub>2</sub> = 55° to c.a. @ 649'; S <sub>2</sub> = 70° to c.a. @ 652'; S <sub>2</sub> = 70° to c.a. @ 700'; S <sub>2</sub> = 65° to c.a. @ 760' |        |    |       |     |        |  |  |  |  |  |
|      |       |        | Bull Qtz Veins @ : 639 (6"); 667 (5"); 674 (6"); 678 (10"); 696 (8"). Fault @ 758' with broken and blocky core. Gauge and blocky core @ 767.5-769. Bull qtz vein 769-770   |        |    |       |     |        |  |  |  |  |  |
| 783  | 884   |        | Qtz - Bio - Musc ± Andul and Qtz - Musc - Bio ± Andul Schists interbanded; as 617-633 with bio > musc schist (60%) and as 635-783 where musc ≥ bio schist (40%). Schists are interbanded over short intervals with the presence of biotite a good gouge. Numerous post D <sub>2</sub> kinkle-like folding<br>S <sub>2</sub> = 65° to c.a. @ 800'; S <sub>2</sub> = 70° to c.a. @ 855'. Bull qtz veins: 822.5-824; 830.5-831.5<br>848-849'; 866-866.5   |        |    |       |     |        |  |  |  |  |  |
| 884  | 934   |        | Qtz - Musc - Bio ± Andul Schist; as 556-583.5, unit closely resembles White Mica Envelope typical lt. grey-beige with dk. brown biotite blebs. Bull qtz veins @ : 894-894.75 (with pink andul); 899-901 (with pink andul) and 921-922. Gouge and broken core @ 909-911.5'. S <sub>2</sub> = 70° to c.a. @ 902'<br>Very little evidence of post D <sub>2</sub> folding. Musc ⇒ Bio Schist   |        |    |       |     |        |  |  |  |  |  |
| 934  | 977.5 |        | Qtz - Bio - Musc ± Andul Schist; as 587-604 and 617-633. Lower contact gradational with bio > musc schist becoming bio ≥ musc schist. S <sub>2</sub> = 65° to c.a. @ 950'. Minor post D <sub>2</sub> folding   |        |    |       |     |        |  |  |  |  |  |

587

























# Diamond Drill Record

|                          |             |         |     |
|--------------------------|-------------|---------|-----|
| COLLAR:                  | HOLE SURVEY |         |     |
| NORTH <u>9399.31</u>     | FOOTAGE     | AZIMUTH | DIP |
| EAST <u>14197.27</u>     |             |         |     |
| ELEVATION <u>4078.63</u> |             |         |     |
| LOGGED BY _____          |             |         |     |
| DATE LOGGED _____        | METHOD:     |         |     |
| MAP REFERENCE NO. _____  |             |         |     |

COMPANY NAME \_\_\_\_\_  
 PROPERTY NAME \_\_\_\_\_  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

|                       |
|-----------------------|
| HOLE NO. <u>66-33</u> |
| CLAIM NAME _____      |
| COMMENCED _____       |
| FINISHED _____        |
| PROJECT NO. _____     |

| FROM  | TO    | RECOVY | DESCRIPTION   | SAMPLE |    |       |     | ASSAYS |  |  |  |  |  |
|-------|-------|--------|---|--------|----|-------|-----|--------|--|--|--|--|--|
|       |       |        |   | FROM   | TO | WIDTH | NO. |        |  |  |  |  |  |
| 0     | 72    |        | Overburden  |        |    |       |     |        |  |  |  |  |  |
| 72    | 162   |        | Bio-musc-andalusite schist; med. gray brown, thinly banded, weakly aluminous, weakly porphyroblastic, bio ≈ musc schist; color same as 549-1333 in 456-75-12 but thin interbedded for less aluminous (andalusite rich); S <sub>2</sub> = 70° to ca. @ 73'; S <sub>3</sub> = 70° to ca. @ 100.5'; S <sub>4</sub> = 85° to ca. @ 152.5'; essentially complete D <sub>2</sub> transposition of D <sub>1</sub> fabric |        |    |       |     |        |  |  |  |  |  |
| 162   | 195   |        | Prophyritic hb-bio diorite; variably kinked, finely ellip, massive, med. dk gray green, very prophyritic (plag-hb-bio) diorite post-D <sub>2</sub> in age; cannot obtain Sular relations of contacts to ca. because of rubble, broken core  |        |    |       |     |        |  |  |  |  |  |
| 195   | 206   |        | Carbonaceous bio-musc-andalusite schist; dk gray, uniformly carbonaceous, thinly banded, bio ≈ musc pelitic schist w/ several zones of characteristic andalusite; complete D <sub>2</sub> transposition of D <sub>1</sub> fabric; S <sub>2</sub> = 75° to ca. @ 200'  |        |    |       |     |        |  |  |  |  |  |
| 206   | 214.5 |        | Bio-musc-andalusite schist; as 72-162   |        |    |       |     |        |  |  |  |  |  |
| 214.5 | 231.5 |        | Carbonaceous bio-musc-andalusite schist; as 195-206; excellent andalusite 229-231.5; S <sub>2</sub> = 70° to ca. @ 227'   |        |    |       |     |        |  |  |  |  |  |
| 231.5 | 296   |        | Bio-musc-andalusite schist; as 72-162, 206-214.5; numerous examples of post-D <sub>2</sub> folding over interval; S <sub>2</sub> = 80° to ca. @ 249'; nearly complete D <sub>2</sub> transposition; post-D <sub>2</sub> (S <sub>3</sub> /S <sub>4</sub> ??) fol <sup>M</sup> = 40° to ca. @ 288   |        |    |       |     |        |  |  |  |  |  |

40 78 62  
 1 10 4  
 39 68 4





