006140

SHEET 1 OF 4

**ANVIL MINING CORPORATION LIMITED**

Whitehorse, Yukon BILL 17 (PELLY RIVER MINES)

PROPERTY NAME .....

LOCATION ROSE CREEK

DATE DRILLED MAY 22 - JUNE 9, 1968

SCALE OF LOG 1" = 40' LOGGED BY J. GONOI DATE JUNE 10, 1968

HOLE NO. 68 PR:1 DEPTH 1002

COLLAR ELEVATION ..... CORE SIZE AQ INCLINATION TESTS

BEARING ..... (MAG OR TRUE DIP 90°

CO-ORDINATES 5740 S N. 20230 E.

SURFACE ✓ OR UNDERGROUND .....

TOTAL RECOVERY 91.4%

| ROCK TYPES AND ALTERATION | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE No. | INTERVAL FROM | INTERVAL TO |
|---|---|---|---|---|---|---|
| 0 — 0-103' - OVERBURDEN. | | | | | | |
| 40 — OVERBURDEN | | | | | | |
| 80 — OVERBURDEN. | | | | | | |
| 103'- 143' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. GREENISH BROWN TO GREENISH WHITE, COARSELY FOLIATED. QUARTZ BIOTITE CHLORITE SCHIST CONSISTS OF SERECITE IN PLACES. COARSELY DISSEMINATED GARNETS OCCUR THROUGHOUT THE SCHIST. BANDS OF QUARTZ OCCUR OCCASIONALLY. | 103 FOLIATION - 78° PYRITE AND MARCASITE - 115' - FILLING CAVITIES AND FRACTURES IN A BAND OF QUARTZ | 103 110 118 | 6.8 7.8 | | | |
| 120 — 143'- 183' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. ENRICHED IN CHLORITE AND SEGGREGATED BANDS OF BIOTITE AND CHLORITE AT PLACES. | 143 115.5' - 116' - CRENULATED 117.5' - FINELY DISSEMINATED PYRITE, ASSOCIATED WITH QUARTZ. 124.6' - FINELY DISSEMINATED PYRITE. FOLIATION - 82° AT 147'; 72° AT 179'. | 127 142 150 | 9 14.5 7.5 9.8 | | | |
| 160 — 183'- 224' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST - FINELY FOLIATED QUARTZ BIOTITE CHLORITE SCHIST CONSISTS OF DIOPSIDE AND TREMOLITE IN PLACES | 183 FINELY DISSEMINATED PYRITE OCCASIONALY. 185' - CRENULATED. FOLIATION - 84° 188' - LIMY 196' - " 212' - " | 161 173.5 185 198 | 12 11 12.5 | | | |
| 200 — 190.5' - 193' - RICH IN CHLORITE. 224'- 278' - QUARTZ CALCITE CHLORITE DIOPSIDE EPIDOTE SERICITE SCHIST. GREENISH WHITE TO WHITE CALC SCHIST WITH A MINOR AMOUNT OF | 224 253' FOLIATION - 68°. | 207 217 229 240. | 8.7 9 7 10.2 | | | |

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| | ROCK TYPES AND ALTERATION | | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE No. | INTERVAL FROM | INTERVAL TO |
|---|---|---|---|---|---|---|---|---|
| 240 | SERICITE AND EPIDOTE. PURE LIMESTONE, GREENISH IN SOME PLACES DUE TO INCLUSION OF CHLORITE. FINELY FOLIATED SERICITE OCCURS TO A LESSER EXTENT. 266'-278'- VERY RICH IN LIME - 278'-318'- QUARTZ CALCITE BIOTITE CHLORITE DIOPSIDE SERICITE SCHIST. BIOTITE OCCURS AS THIN | 278 | - 224'-248'- RICH IN CALCITE. PURE LIMESTONE BANDS 3"-5" WIDE OCCUR AT SEVERAL PLACES. 248'-249.5'- RICH IN CHLORITE. STYLOLITE STRUCTURES COMMON 230'-244' WHERE RICH IN LIMESTONE 262'- MINOR AMOUNT OF DOLOMITE. | 242<br>258<br>278 | 4.2<br>4.5<br>" | | | |
| 280 | SEGGREGATED BANDS. FINELY DISSEMINATED CALCITE IS ASSOCIATED THROUGHOUT THE SCHIST. MARBLE OCCURS AS SMALL VEINLETS CUTTING ACROSS THE SCHIST. LIMESTONE OCCURS AS THIN BANDS AT SEVERAL INTERVALS AND IS USUALLY GREENISH IN COLOR. | 318 | 269'- FINELY DISSEMINATED PYRITE IN LIMESTONE. - 307'- FOLIATION 72°. 293'- 293.5' - QUARTZ BAND 307' - 307.8' - " " | 288<br>292<br>299<br>313 | 9.5<br>3.7<br>7<br>13 | | | |
| 320 | - 318'-358'- QUARTZ CALCITE CHLORITE SERICITE SCHIST. FINELY FOLIATED GREENISH CALCITE SCHIST CONSISTS OF FING SERICITE AND TO A LESSER EXTENT BIOTITE. QUARTZ BANDS ARE SEEN RARELY -358'-398' - SAME AS ABOVE | 358 | FOLIATION - 68°. CHLORITE IS THE PREDOMINATE MINERAL CALCITE OCCURS AS THIN BANDS. MARBLE IS OCCSIONALLY PRESENT IN VEINLETS. FOLIATION - 83°. | 332<br>337.5<br>349<br>358 | 18<br>5<br>10.5<br>8.5 | | | |
| 360 | SUGARY QUARTZ CARBONATE BAND OCCURS AT 327'-336' AND CONSISTS OF A MINOR AMOUNT OF SERICITE. -398'-407'- QUARTZ CALCITE BIOTITE | 398 | SMALL SPECKS OF PYRITE ARE PRESENT IN QUARTZ CARBONATE, RARELY FOLIATION:- 71° | 368<br>377<br>383<br>397 | 10.5<br>7.5<br>5.5<br>14 | | | |
| 400 | CHLORITE SERICITE SCHIST. - GREENISH BROWN, COARSLY FOLIATED CALCITE SCHIST CONSISTS OF FING SERICITE AND MEDIUM GRAINED ALMANDITE. GARNETS. - 407'-475' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. - BROWNISH GREEN | 407 | QUARTZ BANDS OF ½"-1" WIDE OCCUR AT SEVERAL INTERVALS AND CALCITE IS PRESENT THROUGHOUT. - FOLIATION- 81° | 407<br>417<br>431 | 10<br>10<br>14 | | | |
| 440 | BIOTITE CHLORITE SCHIST, OCCASIONAL SPECKS OF PYRITE, RICH IN QUARTZ. 475'-515'- QUARTZ CALCITE BIOTITE CHLORITE SCHIST | 474 | 445.5'-446'- LIME BAND 475'-476.5'- PURE RECRYSTALLIZED | 445.5<br>459<br>464.5<br>474.6<br>478 | 14<br>8<br>10.2<br>10<br>3.4 | | | |
| 480 | - GREENISH WHITE CALCITE SCHIST CONSISTS OF SEVERAL SEGGREGATED BANDS OF LIMESTONE AND MARBLE CHLORITE AND BIOTITE OCCUR AS THIN BANDS ALTERNATING, SERICITE IS FINE GRAINED. 515-565' - QUARTZ CHLORITE BIOTITE SERICITE SCHIST | 515 | LIMESTONE BAND - FOLIATION + 78° 494'-498'- LIMESTONE BAND. 515' - TREMOLITE IS PRESENT IN SMALL BAND. MINOR SPECKS OF PYRITE OCCUR RARELY 509-509.5' - PURE MARBLE BANDS 510.5-511' - " " " | 494<br>502<br>502.5<br>518.5 | 16<br>7.5<br>5.5<br>10 | | | |

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|---|---|---|---|---|---|---|---|---|
| 520 | - CONSISTS OF PHENOCRYSTS OF GARNET, OXIDIZED IN PLACES. | | FOLIATION 78°<br>553 - 569' - CONSISTS OF LIME AS THIN BANDS AND AS VEINLETS. | 526<br>539<br>559 | 7<br>10.5<br>15 | | | |
| 560 | - 565' - 605' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST - INCREASE IN BIOTITE THIS INCREMENT. | 565 | FOLIATION - 83°<br>QUARTZ OCCURS AS SMALL BANDS, LIMESTONE BANDS OCCUR RARELY<br>RARELY SPECKS OF PYRITE PRESENT. | 572<br>583.5<br>598 | 12<br>11<br>14 | | | |
| 600 | -605' - 645' - SAME AS ABOVE. | 605 | -636' - CRENULATED. | 606<br>618<br>628<br>630<br>638 | 8<br>11<br>10<br>2<br>8 | | | |
| 640 | 645' - 685' - QUARTZ (CALCITE) BIOTITE CHLORITE SERICITE SCHIST | 645 | LIMESTONE OCCURS IN CONFIRMABLE BANDS.<br>FOLIATION - 81°<br>656.5' - PYRRHOTITE FILLING FRACTURES IN LIMESTONE. | 648<br>658<br>667<br>677 | 10<br>10<br>9<br>10 | | | |
| 680 | 685' - 725' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. - BROWNISH GREEN BIOTITE CHLORITE SERICITE SCHIST CONSISTS OF LIMESTONES RARELY | 685 | FOLIATION :- 78°<br>722.5' - 724.5' - CRENULATED QUARTZ BANDS OCCUR AT SEVERAL INTERVALS. | 687<br>697<br>705.5<br>713 | 10<br>10<br>8<br>7<br>10 | | | |
| 720 | 725' - 765' - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. - CONSISTS OF THIN LIMESTONE BANDS OCCASIONALY RICH IN SILICAS AND OCCURS AS WIDE CONFIRMABLE BANDS IN SCHIST. | 725 | FOLIATION :- 86°<br>743.6' - 744' - QUARTZ BAND<br>762' - 762.5' - " " | 723<br>733<br>743<br>754 | 10<br>9.5<br>10<br>9 | | | |
| 760 | - 765 - 805 - QUARTZ BIOTITE CHLORITE SERICITE SCHIST. - SAME AS ABOVE | 765 | - THIN BANDS OF LIMESTONE PRESENT.<br>- 793.5' - 794' - PYRRHOTITE OCCURS FILLING CAVITY IN QUARTZ VEIN.<br>780' - CRENULATED<br>781' - 790' - " | 764<br>775<br>785<br>790<br>800 | 10<br>10<br>5<br>10 | | | |
| 800 | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| 800 | 805'- 845' - QUARTZ CALCITE BIOTITE CHLORITE SERICITE SCHIST. | 805 | FOLIATION :- 82°<br>OCCASIONAL BANDS OF LIMESTONE | 810<br>816<br>826<br>835 | 10<br>6<br>10<br>8.5<br>7 | | | |
| 840 | 845'- 885'. QUARTZ CALCITE BIOTITE CHLORITE SERICITE SCHIST.<br>GREENISH BROWN QUARTZ CALCITE BIOTITE CHLORITE SCHIST CONSISTS OF FINE GRAINED SERICITES. | 845 | FOLIATION:- 82°<br>THIN SEGGREGATED BANDS OF LIMESTONE PRESENT.<br>SMALL BANDS OF QUARTZ OCCUR COMMONLY. | 842<br>858<br>863<br>870<br>877 | 15<br>5<br>6<br>7 | | | |
| 880 | 885'- 925' - SAME AS ABOVE | 885 | FOLIATION :- 81° | 888<br>898<br>908<br>917 | 10<br>10<br>10<br>8.5 | | | |
| 920 | 925'- 965'- QUARTZ CALCITE BIOTITE CHLORITE SCHIST. LIMY THROUGHOUT THE INCREMENT | 925 | 927-3' PYRITE FILLING FRACTURES IN SCHIST.<br>957.6'- ALMANDITE GARNETS.<br>SMALL BANDS OF LIMESTONE IN MANY PLACES.<br>958.8- 959 - AGGREGATE OF PYRITE CRYSTALS ALONG FRACTURE | 927<br>937<br>947<br>956 | 10<br>9<br>10<br>9 | | | |
| 960 | 965'- 1002' - QUARTZ CALCITE CHLORITE BIOTITE SERICITE SCHIST.<br>INCREASE IN LIME THIS INCREMENT.<br>CALCITE PRESENT THROUGHOUT THE SCHIST<br>LIMESTONE IS GREENISH IN COLOR DUE TO INCLUSION OF CHLORITIC MATERIAL, AND IS COARSELY CRYSTALLINE | 965 | FOLIATION :- 83°<br>SMALL BANDS OF SILICA.<br>SEGGREGATED BANDS OF LIMESTONE IN SCHIST.<br>LIMESTONE IS SUGARY IN TEXTURE. | 965<br>977<br>991 | 7<br>12<br>13.5<br>11 | | | |
| 1000 | VERY RICH IN LIMESTONE LAST 7 FEET.<br>" 1002- END OF HOLE. | 1002 | | 1002 | | | | |
| 1040 | | | | | | | | |