

A.M.R. copy

105-K-3

Dec. 1972 (still closed)
Anvil Mining Corporation
1 hole - 803'

DD-161

WHI 72 FR.
Y 3284

105-K-3 DD-161

Dec '72

ANVIL MINING CORPORATION LIMITED

Whitehorse, Yukon

PROPERTY NAME ... ANVIL ...

LOCATION ... SWIM LAKE AREA ...

DATE DRILLED

SCALE OF LOG 1" = 40' LOGGED BY U.N. DATE

HOLE NO. X7201 DEPTH 803'

COLLAR ELEVATION CORE SIZE 30 INCLINATION TESTS

BEARING (MAG OR TRUE DIP -20°)
CO-ORDINATES 145 N 64400 E.W. DEA-DY GRID

SURFACE OR UNDERGROUND

TOTAL RECOVERY 79.7%

SHEET 1 OF

Anvil
Mining
Corp.
091217

| ROCK TYPES AND ALTERATION | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE INTERVAL | | | | | |
|---|--|--|------------|-----------------|---------|--|--|--|--|
| | | | | SAMPLE NO. | FROM TO | | | | |
| OVERBURDEN | | | | | | | | | |
| BIOTITE & CHLORITE GNEISS, POSSIBLE FLAT GRAPHIC PHYLLITE BANDED W/ TANGSANDY ZONES, GRAPH. ZONES PUNKY & SAND, CL. LAK. IN PLACE LOOKS LIKE COAL CHL. TUFF, (HYDROTHERMAL) SOFT PUNKY - PHYSICALLY SHEAR, W/TO ALL OF CL. AND CHL. ANDESITIC TUFF | NO FOLIATION 2-3% Py dissem & fract. controlled NO S ~ 1% Py | 11 12 21.6 41.8 2.7 4.5 3.5 | | | | | | | |
| CHLORITE TUFF, BANDED, DeGig w/ SHORT ZONES OF GRAPH. PHYLLITE @ 110-112 - BLACK PUNKY GRAPH. PHYLL. 112-120 - 1' COAL 123-124 - Punky tuff & phyll 124-125 - Graph. phyll, punky | 2-3% Py MAINLY ALONG FRACT. | 4.8 0.3 0.2 0.2 0.1 0.1 1.1 0.7 | | | | | | | |
| 128-176 GRAPH. PHYLLITE | | 1.0 1.7 0.8 0.4 0.7 0.2 0.5 | | | | | | | |
| 170-155 BLACK GRAPH. PHYLLITE, BRECCIA | | | | | | | | | |
| CHLORITIC ANDESITIC TUFF 171-176 PUNKY | BRECCIA ZONE, SiO ₂ AND CO ₂ FRACTURE FILLING | 1.9 3.2 1.0 3.0 1.4 4.3 2.9 2.7 2.4 4.5 | | | | | | | |
| CHLORITIC ANDESITIC TUFF WITH Randomly spaced zones of chloritic biotitic andesite tuff 203-208 CHL. AND. TUFF 208-213 CHL. BTD AND TUFF, FRACT W/ SiO ₂ -CO ₂ FILL | 1% Py 4% 1"-2" ZONES TO 10% SiO ₂ -CO ₂ FRACT FILL IN BRECCIA ZONE | 2.0 2.5 2.5 4.4 2.7 1.6 1.8 | | | | | | | |

091827-837

ANVIL MINING CORPORATION LIMITED

Whitehorse, Yukon

PROPERTY NAME

LOCATION

DATE DRILLED

SCALE OF LOG

HOLE NO. Y 7001

DEPTH

COLLAR ELEVATION CORE SIZE

INCLINATION TESTS

BEARING (MAG OR TRUE DIP)

CO-ORDINATES N. E.

SURFACE OR UNDERGROUND

TOTAL RECOVERY

| ROCK TYPES AND ALTERATION | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE INTERVAL | | | | | | | |
|--|---|--|------------|-----------------|------------------|--|--|--|--|--|--|
| | | | | SAMPLE NO. | INTERVAL FROM TO | | | | | | |
| 240 CHLORITIC ANDESITE TUFF with zones of black bio blebs | S ₂ Pg ~ 1% or less FRAGMENTED - FRACTURE ZONE - PANB ON BATTERY TO FRACTURING @ 284-290 295-306 306-317 | 6.0 6.0 7.3 7.1 7.2 7.6 7.8 7.7 7.0 | | | | | | | | | |
| 280 | 318-321 SiO ₂ -CO ₂ (ankerite?) zone in chl andes tuff | 2.2 1.0 2.0 2.1 5.9 2.1 4.5 2.0 12.9 | | | | | | | | | |
| 320 330 340 341 CHL. ANDES. TUFF - basic has spotted appearance due to discontinuous zones of bio. It is graphitic zone CHLORITIC ANDESITE TUFF | S ₁ (?) - S ₂ (?) 50° Pg - trace amts, less than 1% more common w/ bio bands (dark bands). | 6.0 1.8 5.0 5.2 2.9 2.1 2.5 4.8 2.0 6.2 | | | | | | | | | |
| 360 365 GRAPH(?) BIO PHYLLITE, to banded bio ore. PHYLLITE UPPER CONTACT CIRCADATIONAL | Pg ~ 2% Nanofract fill assoc. w/ S ₁ , S ₂ , Fract fill + SiO ₂ + CO ₂ both are present. S ₁ - 70° (compositional bands) S ₂ - 55-60° to fractures | 3.0 12.7 8.5 | | | | | | | | | |
| 380 CHLORITIC ANDESITE TUFF top contact sharp, grades to graphitic bio phyllite | Pg - trace amounts less than 1% CaCO ₃ fract. fill | 5.9 4.0 2.7 4.7 | | | | | | | | | |
| 400 GRAPH BIO PHYLL w/ CO ₂ stringers as fract fill | S ₂ (?) - 55° Pg < 1% - trace amounts. Slight concentrations in fract w/ SiO ₂ - CO ₂ S ₂ - variable 50°-55° | 5.9 2.4 7.5 | | | | | | | | | |
| 420 CHLORITIC ANDESITE TUFF with a bio chl andes tuff zones 450-453 | Pg < 1% - trace amounts S ₁ (?) 50° also to S ₂ -CO ₂ stringers fract filling | 6.6 0.8 5.2 | | | | | | | | | |
| 440 | 40° & 55° | 4.7 3.0 2.8 2.0 2.0 2.1 8.5 7.0 2.0 | | | | | | | | | |

Q01827-851

ANVIL MINING CORPORATION LIMITED

Whitehorse, Yukon

PROPERTY NAME

LOCATION

DATE DRILLED

SCALE OF LOG LOGGED BY

HOLE NO. 87201 DEPTH

COLLAR ELEVATION CORE SIZE INCLINATION TESTS

BEARING (MAG OR TRUE DIP)

CO-ORDINATES N. E.

SURFACE OR UNDERGROUND

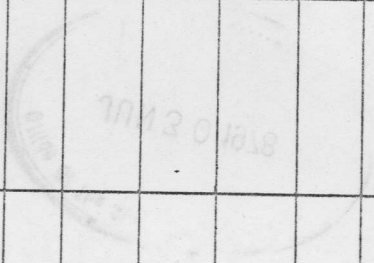
TOTAL RECOVERY

| ROCK TYPES AND ALTERATION | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE INTERVAL | | Cu | Pb | Zn |
|---|--|---|------------|-----------------|---------|-----------|---------|-------------|
| | | | | NO. | FROM TO | | | |
| | | 6.9 7.8 8.7 9.8 10.5 11.2 12.0 12.8 13.5 14.2 15.0 | | | | | | |
| 520 525 GRAPHITIC BIOTITE PHYLLITE w/ SiO ₂ & CO ₂ stringers as fracture fill GRAYS to CHLORITE AMPHIBOLE PHYLLITE | Py - < 1% fragments brecciated, soft, punky (at 520-525) S ₂ O - 20% @ 525; comp bands (S ₂ O calc. + tuff / biotite) - in | 15.2 16.0 16.8 17.5 18.2 19.0 19.8 20.5 21.2 22.0 22.8 23.5 24.2 25.0 25.8 26.5 27.2 28.0 28.8 29.5 30.2 31.0 31.8 32.5 33.2 34.0 34.8 35.5 36.2 37.0 37.8 38.5 39.2 40.0 40.8 41.5 42.2 43.0 43.8 44.5 45.2 46.0 46.8 47.5 48.2 49.0 49.8 50.5 51.2 52.0 52.8 53.5 54.2 55.0 55.8 56.5 57.2 58.0 58.8 59.5 60.2 61.0 61.8 62.5 63.2 64.0 64.8 65.5 66.2 67.0 67.8 68.5 69.2 70.0 70.8 71.5 72.2 73.0 73.8 74.5 75.2 76.0 76.8 77.5 78.2 79.0 79.8 80.5 81.2 82.0 82.8 83.5 84.2 85.0 85.8 86.5 87.2 88.0 88.8 89.5 90.2 91.0 91.8 92.5 93.2 94.0 94.8 95.5 96.2 97.0 97.8 98.5 99.2 100.0 | | | | | | |
| 545 CHLORITIC ANDESITE TUFF | | 100.0 | | | | | | |
| 560 565-572 585-592 Banded w/ Graphitic Andes Tuff sharp contacts | S ₂ O & COMP BANDS 45° | 100.0 | | | | | | |
| 600 608-604 CaCO ₃ rich zone | Py - 2-3% mainly disseminated 612-612 1/2 CaCO ₃ cemented breccia zone | 100.0 | | | | | | |
| 640 648-649 GRAPH BIO PHYLLITE Calc Andes Tuff | S ₂ O & COMPOSITION BANDS - 60° Py - 2-3% S ₂ & in fract 648-649 SiO ₂ - CO ₂ zone Py tr to < 1% Minor SiO ₂ - CO ₂ stringers S ₂ O calc. | 100.0 | | | | | | |
| 680 700 720 GRAPHITIC BIOTITE PHYLLITE, minor crystallization of CO ₂ stringers GRAPH BRECCIA, PINKY FRACK, GRAPH BIO PHYLLITE FRAGS PRESENT HOLE FILL IN 700-720 CAN | S ₂ O - 20% @ 697 COMP BANDS - 60° @ 604 Py - 5-10% @ 588-590 in brecciated zone w SiO ₂ & minor CO ₂ cement NO SULFIDES NOTED | 100.0 | | | | | | |
| | | | | | | Cu .27 | Pb ± | Zn 0.003 |

Q61827-837

720
723
733
736
742
775
780
791
803

| ROCK TYPES AND ALTERATION | MINERALIZATION AND STRUCTURES | FOOTAGE BLOCKS | % RECOVERY | SAMPLE | | INTERVAL | | | | | | | | |
|--|---|----------------|------------|--------|------|----------|--|--|--|--|--|--|--|--|
| | | | | NO. | FROM | TO | | | | | | | | |
| | | | | | | | | | | | | | | |
| GRAPH BIO PHYLLITE, BLACK, HIGHLY FRACTURED, w/ SiO ₂ -CO ₂ AS FRACT. FILL. PINKY BIO-CHL. PHYLLITE BIOTITE GRAPHITE PHYLLITE TO BIOTITE PHYLLITE. GRAPH. CONTENT DECREASES w/ DEPTH | Si Si? - horiz ~ 4% py, no amorphous N 1-2% py in short sections assoc. w/ SiO ₂ -CO ₂ bands & blebs. | | | | | | | | | | | | | |
| CHLORITIC TUFF | | | | | | | | | | | | | | |
| QUARTZITE CHL. PHYLLITE | -25 UPPER CONTACT w/ CHLORITIC PHYLL. BRECCIATED TR. EPY w/ UPPER CONTACT QZ VEINS CUT S ₂ i. LATER BRECCIATED -40 | | | | | | | | | | | | | |
| CHL. AMPH. GREENSTONE - DIORITE | 2-3% py Rock brecciated w/ SiO ₂ along 1/2" wide fract random pattern | | | | | | | | | | | | | |
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Q81427-837

Office of the Surgeon General
 JUN 30 1978

D 81497-237

MINERALIZATION AND STRUCTURES

ROCK TYPES AND UTILIZATION

| | | | | | |
|---|--|---------------------|--|--------------|--|
| PROJECT NAME MINERAL CORPORATION LIMITED | | NOTE NO. 1 | | SHEET NO. | |
| STATE OF CANADA | | PROVINCE OF ONTARIO | | COUNTY OF | |
| TOWNSHIP OF | | RANGE OF | | ROAD NO. | |
| LOCATION OF | | DATE OF | | SCALE | |
| PROJECT NO. | | SHEET NO. | | TOTAL SHEETS | |
| DRAWN BY | | CHECKED BY | | APPROVED BY | |