015739

ANVIL MINING CORPORATION LIMITED
Whitehorse, Yukon

PROPERTY NAME ...ANVIL...
LOCATION SWIM LAKE AREA
DATE DRILLED
SCALE OF LOG 1" = 40' LOGGED BY U. J DATE

HOLE NO. X7201 DEPTH 803'
COLLAR ELEVATION CORE SIZE BQ INCLINATION TESTS
BEARING (MAG OR TRUE DIP -90°
CO-ORDINATES 145 N 64+00 E.W DEA - DYGRID
SURFACE OR UNDERGROUND
TOTAL RECOVERY 79.7 %

SHEET 1 OF

Depth	ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE No.	INTERVAL FROM	INTERVAL TO
0	OVERBURDEN						
40	DIORITE (CHLORITE GREENSTONE), POSSIBLE FLOAT GRAPHITIC PHYLLITE BANDED W TAN SANDY ZONES, GRAPH. ZONES PUNKY @ 62-64, 69-69½, IN PLACES LOOKS LIKE COAL CHL. TUFF, PORPHYRITIC CHL. TUFF, PORPHYRITIC, SOFT PUNKY - PROBABLY SHEAR, 11.40 AXIS OF CORE CHL ANDESITIC TUFF	NO FOLIATION 2-3% Py dissem & fract. controlled NO S_2 ~1% Py	1.1 1.2 2.6 0.8 2.3 1.7 4.5 2.6				
80	GRAPHITIC PHYLLITE, DK Gy to BK, HIGHLY FISSILE FRAGS LOOK LIKE DRILL CUTTINGS CHLORITE TUFF, BANDED, DK Gy W/ SHORT ZONES OF GRAPH PHYLLITE @ 110 - 112' - BLACK PUNKY GRAPH PHYLL 112 - 120 - 1' core 123 - 124 - Punky tuff & phyll 124 - 125 - Graph phyll, punky	Er Py 2-3% Py MAINLY ALONG FRACT.	1.8 0.1 1.6 1.6 0.1 1.7 0.1 1.1 0.7				
120	128-136 GRAPH PHYLLITE 136-155 BLACK GRAPH PHYLLITE, BROKEN UP.		1.0 1.9 1.7 0.8 0.4 0.2 0.2 6.5				
160	CHLORITIC ANDESITIC TUFF 171-172 PUNKY BIO PHYLLITE, SHOWS RHYTHMIC BANDING (INCREASING CHL PHYL @ BOTTOM OF INTERVAL) CHL ANDES TUFF	BRECCIA ZONE, SiO_2 AND CO_3 FRACTURE FILLING 1% Py avg; 1"-2" ZONES TO 10%; SiO_2-CO_3 FRACT FILL IS POST SULFIDES ~1% Py, FRACT & DISSEM	1.9 3.2 1.0 3.0 1.8 4.3 3.9 1.4 6.7 8.4 1.1 4.5				
200	CHLORITIC ANDESITE TUFF with randomly spaced zones of chloritic biotitic andesite tuff 203-208 CHL. AND. TUFF 208-213 CHL BIO AND TUFF, FRACT W SiO_2-CO_3 FILL GRAPH. BIOTITE PHYLLITE with minor amts of chl bio phyll	Py ~ 2% 200-202 SiO_2-CO_3 fract fill in broken zone Py variable up to 5-10% dissem & fract fill	5.0 3.5 2.8 2.5 4.4 4.3 4.6 1.3 1.8 2. 2.0 4.2				

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HOLE NO. X 7201 DEPTH .....
COLLAR ELEVATION ..... CORE SIZE ..... INCLINATION TESTS
BEARING ..... (MAG OR TRUE DIP .....
CO-ORDINATES ..... N. ..... E.
SURFACE ..... OR UNDERGROUND .....
TOTAL RECOVERY .....

SHEET 1 OF 2

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE No.	INTERVAL FROM	INTERVAL TO
240	S_2					
CHLORITIC ANDESITE TUFF with zones of black bio blebs	soft zones @ 221, 222, 229 - 230½ S_2 & composition Bands are parallel | Py to 5-10% mainly disseminated, also fract fill w/ qtz CO_3 stringers	1.0 2.0 2.3				
	Py ~1% or less	4.1				
	BRECCIATED - "FRACTURE" ZONES - RANDOM PATTERN TO FRACTURING @ 284 - 290, 305 - 306, 309 - 317	4.2 7.6 4.8 7.3 3.0				
280		2.2 4.0 3.9 2.1 5.9 2.1 4.5 2.4 12.9				
	318 - 321 SiO_2 - CO_3 (anterite ?) zone in chl andes tuff					
320		6.4 1.8 5.0 5.2 4.8 1.1 2.5 4.8 1.4 6.6				
330 CHL. ANDES. TUFF - ROCK HAS SPOTTED APPEARANCE DUE TO DISCONTINUOUS ZONES OF BIO. ∥ TO FOLIATION	$S_1(?)$ - $S_2(?)$ 50° | Py 1% or less dissem & fract controlled, more common w/ bio(?) bands (dark bands).					
340 ~~SiO_2 - CO_3 ZONE~~ 341 CHLORITE ANDESITE TUFF	Py - tr amts, less than 1%					
360		3.6				
365 GRAPH (?) BIO PHYLLITE, to banded BIO CHL. PHYLLITE UPPER CONTACT GRADATIONAL	Py ≈ 3% Mainly fract fill assoc. w. SiO_2 Bands, Fract fill = SiO_2 & also CO_3 BOTH are present. S_1 - 70 (= COMPOSITIONAL BANDS) S_2 - 55°-60 ∥ to fractures	12.7				
380 CHLORITIC ANDESITE TUFF top contact sharp, grades to graphitic bio phyllite	Py - trace amounts less than 1% $CaCO_3$ fract. fill	8.9 5.9 6.0 2.7				
400	$S_2(?)$ - 55°	4.7 5.3				
410 GRAPH BIO PHYLL w/ CO_3 stringers as fract fill	Py <1% - trace amounts. Slight concentrations in fract w/ SiO_2 - CO_3 S_2 - variable 40°-50°	2.4 7.5				
426 CHLORITIC ANDESITE TUFF with a BIO CHL Andes Tuff zone @ 450 - 453	Py << 1% - trace amounts $S_2(?)$ 50° @ 461 = also ∥ to SiO_2 - CO_3 stringers & fract filling	0.6 0.8 5.2				
440	40° @ 484	4.1 3.4 3.2 3.0 3.0 2.1 8.5 7.0 5.7				

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SHEET 13 OF

	ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE No.	INTERVAL FROM	INTERVAL TO	Cu	Pb	Zn		
480			6.9, 7.8, 3.7, 3.7, 2.8, 2.6, 1.5, 1.4, 1.2, 1.9									
520 / 522½	GRAPHITIC BIOTITE PHYLLITE w/ SiO_2 & CO_3 stringers as fracture fill GRADES TO CHLORITE ANDESITE PHYLLITE	Py - <<1%, tramounts Brecciated, soft, punky @. 522-522½ S_2(?) -60° @ 529; comp bands (Bio chl tuff & biophyll) - 60°	1.2, 1.7, 1.1, 2.4, 4.3, 2.4, 2.1, 1.2, 1.6, 2.2, 2.0, 1.9, 1.9, 1.7									
545	CHLORITIC ANDESITE TUFF											
560	565-572 Banded w/ Graph Bio Andes Tuff sharp contacts	S_2(?) & COMP BANDS 45°	6.3, 2.9, 1.7, 1.2, 2.2, 1.3, 3.8, 3.0, 3.6, 3.4, 3.1, 9.5									
600	598-604 $CaCO_3$ rich zone	Py - 2-3% mainly disseminated 612-612½ $CaCO_3$ cemented breccia zone	7.3, 5.2, 7.6, 7.6, 1.0, 0.7									
640	GRAPH BIO PHYLLITE CHL ANDES TUFF	S_2(?) & COMPOSITION BANDS - 60° Py ~ 3% ∥ S_2 & in frad 648-649 SiO_2-CO_3 zone Py tr to <1% Minor SiO_2-CO_3 stringers S_2(?) ~ 40°	0.4, 0.6, 1.0, 1.3, 1.0, 9.3, 1.8, 0.3, 1.4, 2.0, 2.0, 1.8, 2.9, 3.1, 2.9, 3.4, 3.0									
680	GRAPHITIC BIOTITE PHYLLITE, much crenulation/folding & CO_3 stringers	S_2(?) - 30° @ 697 COMP BAND - 60° @ 694 Py - 5-10% @ 586½-590 in brecciated(?) zone w SiO_2 & minor CO_3 cement	2.15, 1.0, 0.6, 0.3, 1.8, 0.7, 7.7, 4.7									
706½ / 709½	GRAPH BRECCIA, PUNKY, BLACK, GRAPH BIO PHYLL, XBXA FRAGS PRESENT HOLE FILL w 20% Py SAND - @	NO SULFIDES NOTED 706. tr Pb, 0.82 Zn	1.8, 0.12, 0.6, 0.3					Cu .27	Pb tr	Zn 0.08		

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PROPERTY NAME SWIM LAKE ..... HOLE NO. X720! SCALE OF LOG 1" = 40'

SHEET OF

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL FROM	INTERVAL TO
720 723 GRAPH BIO PHYLLITE, BLACK, HIGHLY FRACTURED /W SiO_2 - CO_3 AS FRACT. FILL.	S_2 S_1 ? - hory					
733 PUNKY BIO-CHL. PHYLLITE	~ 4% py, NO AMITUDE					
736½ BIOTITE GRAPHITE PHYLLITE TO BIOTITE PHYLLITE. GRAPH. CONTENT DECREASES W/ DEPTH	~ 1-2% Py in short sections assoc. w/ SiO_2 - CO_3 bands & blebs.					
762½ CHLORITIC TUFF	-25					
775½ QUARTZITE	UPPER CONTACT W/CHLORITE PHYLL. BRECCIATED					
780 CHL. PHYLLITE	TR. CPY W/ UPPER CONTACT					
	QTZ VEINS CUT S_2 ∴ LATER					
	BRECCIATED					
791 CHL. AMPH. GREENSTONE - DIORITE	-AD					
	2-3% py					
803	Rock brecciated w/ SiO_2 along ¼" wide fract random pattern					