016228

ANVIL MINING CORPORATION LIMITED
Whitehorse, Yukon
PROPERTY NAME ANVIL
LOCATION SUN TIE GAL GEOCHEM
DATE DRILLED
SCALE OF LOG 1" = 40' LOGGED BY J. G. DATE

HOLE NO. 71-208 DEPTH 877
COLLAR ELEVATION CORE SIZE INCLINATION TESTS
BEARING (MAG OR TRUE DIP
CO-ORDINATES N. E.
SURFACE OR UNDERGROUND
TOTAL RECOVERY

SHEET 1 OF

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE No.	INTERVAL FROM	INTERVAL TO
0 OVERBURDEN						
AMPH. CHLORITE SCHIST 21.5 - 23.5 BROKEN CORE LIGHT GREEN TO GREEN AMPH. CHL. SCHIST	Minor amounts of py occurs throughout the schist filling cavities & small fractures.					
40 ~ 5% $CaCO_3$ occurs throughout core as veinlets & breccia cavity fill. 32-32.5 BXA py fills frac						
GRAPHITIC SCHIST - contact not apparent due to broken core & qtz xlliz & intrusion. Graph. schist occurs as xenol @ 54-54.5, Vein qtz & calc common throughout. 80.5-81 Qtz - CO_3 vein 81.5 - S_2 is folded & py occurs along the crest & limbs, Calc veins define folds well The fold occupies 2" core length & is lost in broken core	py 3-5%					
80 AMPH. CHLORITE SCHIST: contact arcuate & in general dips 39° - core broken. Light green schist 5-8% $CaCO_3$ throughout	Py occurs to a minor extent					
GRAPHITE SCHIST Black well foliated, qtz & CCO_3 veins occur occasionally all conformable to						
120 foliation Broken core @ contact	147.7 - 148 Qtz vein 156.5 - 158.5 Qtz CO_3 veins					
160 162-164 BXA Qtz CO_3 veins. XENOLITHS OF Gray schist 182.5 - 184 Breccia	176.5 - 176.8 1% py					
200 205 - 205.5 Breccia	222 - 248 Diss py occurs throughout that veins from 1% - 3% 250.5 - 251 4% py as continuable stringers					
240						

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COLLAR ELEVATION CORE SIZE INCLINATION TESTS
BEARING (MAG OR TRUE DIP
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TOTAL RECOVERY

SHEET 2 OF 4

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL FROM	INTERVAL TO
240	S_2					
	251 – 342 1/2 – 3% py throughout, sometimes py is coarsely xtline embedded in gr. matrix					
280						
	297.5 py vein.					
320	319 – 320.5 5% py in places					
342						
	GRAPHITE SCHIST Black in color, well foliated. Qtz_2 & Qtz_2Cc veins occur throughout // to foliation and in places cut across.					
	339 – 340 8% py					
	1/2 – 3% py occurs throughout Graphschist @ 345° 6% py					
360						
390.5						
	GRAPHITIC SCHIST. Black, well foliated, gr schist w/ $CaCO_3$ bands from hair thin to 5" bands. $CaCO_3$ is recrillized w/ perfect rhomboheadrons in veins filling					
	Py is less common constituent Avg 1/2 – 3% in places. In some $CaCO_3$ veins to 5% py 5% py in 2" $CaCO_3$ band.					
400	Si S_1 is noticed that suffered minor slip during D_2 event. S_2 // ed by axial planes of F_1 over entire core length. S_1 is not transposed & continues across S_2					
440						
	441.5 5% py assoc w/ $CaCO_3$ and lines F_1 fold					
	448 5% py assoc w/ $CaCO_3$ vein					
	GRAPHITIC SCHIST Black well foliated schist consists of numerous $CaCO_3$ veins.					
	py negligible					
480						

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PROPERTY NAME .....
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DATE DRILLED .....
SCALE OF LOG ..... LOGGED BY ..... DATE .....

HOLE NO. 71-208 DEPTH 691
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 NO.	INTERVAL FROM	INTERVAL TO
480						
GRAPHITE SCHIST, Black, well foliated, few calc. bands	1-2% py, occasionally higher					
520 throughout 525-529 Qtz CO_3 vein	520 - Disseм Py 525-529					
CALC. CHLORITE SERICITE SCHIST Grey to light grey; highly fractured & brecciated throughout. $CaCO_3$ occurs as veinlets of 0.2" wide & as dissem. 1" wide						
560 veins occur rarely 530.5 - 535.5 Brecciated 556 - 558 "						
592 - 597 FAULT ZONE						
600						
640						
645 - 652 FRACTURE ZONE						
	680 - py along fracture ~5%, 688' - 4% py					
680 GREENSTONE fine grained, greenish, massive FRACT. ZONE xxx $CaCO_3$ occurs as veinlets throughout, same dissem. 676-691 $CaCO_3$ rich ~12% $CaCO_3$ is common FAULT 717	Py finely dissem to 1% & less than 1%					
720						

ANVIL MINING CORPORATION LIMITED
Whitehorse, Yukon
PROPERTY NAME .....

HOLE NO. 71-208 DEPTH 881

SHEET 4 OF 4

COLLAR ELEVATION ..... CORE SIZE ..... INCLINATION TESTS
BEARING ..... (MAG OR TRUE DIP .....
LOCATION ..... CO-ORDINATES ..... N. ..... E.
DATE DRILLED ..... SURFACE ..... OR UNDERGROUND .....
SCALE OF LOG ..... LOGGED BY ..... DATE ..... TOTAL RECOVERY .....

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE No.	INTERVAL FROM	INTERVAL TO
720						
726 FAULT ZONE 739	745 - 2% py & po, little cpy					
760						
800						
840						
	877 2% py over ½" width of Greenstone					
880 TD						
920						

21.5 – 54

Amphibole chlorite Schist:

21.5 – 23.5 – Broken core.

Light Green to Green Amphibole chlorite Schist.

About 5% calcite occurs throughout as veinlets & brecciated veins.

24' – Fo: 17°

32 – 32.5 – Breccia. Py [redacted] occurs filling fractures.

Minor amounts of Py occurs throughout the Schist filling cavities and small fractures.

53.5 – Fo: 16°

54 – 92 : GRAPHITE SCHIST.

The contact is not apparent due to broken core and Quartz & recrystallization and intrusion. Graphitic Schist occurs as Xenoliths @ 54' – 54.5'. Vein Quartz and Calcite is common throughout the increment.

80.5 [redacted] – 81 [redacted] – $CaCO_3$ Vein.

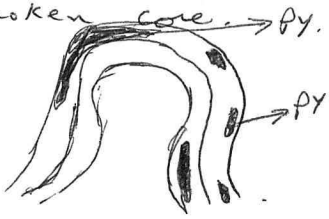
81.5 – [redacted] S_2 is folded and Py occurs along the crest and limbs.

Calcite veins [redacted]

[redacted] · define the fold well.

Qtz fold occupies 2" core length and is lost in broken core.

Py — 3% — 5%.



58' — fo: 52°.

86' — fo: 46°.

92-108 : Amphibole chlorite Schist°.
Contact arcuate and in general dips 39°.
Broken core complicates the guess.
Light Green Schist. Diss. Py occurs to a minor extent. Calcite 5%-8% occurs throughout.
95.5 — fo: 41°

108-342 : GRAPHITE SCHIST°

Black, well foliated Graphitic Schist.
Qtz and calcite veins occur occasionally and occur in continuity with foliation.
Broken core at the contact and hence cont. is not apparent.
108.5 : fo: 32°

111 — Highly crenulated.

118 - fo: 10°

147.7-148 - Qtz vein.

156.5-158.5 — Qtz CO_3 vein.

162-164 — Brecciated Qtz CO_3 vein.
x enoliths of Gv. Schist.

319.- 320.5' — 5% Py in places.
339.5 - 340 — 8% Py.
342 - 390.5 Graphite Schist.

Black in color, well foliated Graph. Schist. Quartz & Qtz CO_3 veins occur throughout // & to foliation and in places cut across. 1% - 3% Py occurs throughout Gr. Schist.

345 — 6% Py.

354 - fo: 64°

388 - fo: 80°.

Gr. Schist continues.

390.5 — 459.5

Graphitic Schist:

Black well foliated Gr. schist consists of calcite bands or [redacted] hair thin to 5" wide bands. Calcite is recrystallized and perfect Rhombohedrons occur throughout the vein matter. Py is a common constituent in lens

170 fo: 31°

176- S_2 is folded.

176.5- 176.8- 1% Py.

182.5- 184- Breccia.

187- fo: 51°

205- 205.5- Breccia.

211.5- S_2 is folded.

216.5- fo: 61°

222- 3% Py.

222-248 — Diss. Py occurs throughout that varies from 1% - 3%.

250.5- 251 — 4% Py. occurs as continuable stringers.

251- 342- 1% - 3% Py occurs throughout. Sometimes the Py is coarsely Xne embedded in Gr. matrix.

296- fo: 74°

297.5- Py vein.

509 – 530.5 — Graphite Schist.

Black well foliated Graphitic Schist consists of 1% – 2% Py and occasionally higher. few calcite bands occurs throughout.

519 – fo: 7°

520 – Disseminated Py.

525 – 529 – Qtz CO_3 band.

530.5 – 674 calca. chlorite Sericite Schist:

Grey to light Grey chlorite Sericite Schist. Schist is highly fractured and brecciated throughout. calcite occurs as veinlets of 0.2" wide and as disseminated. 4" wide veins occur rarely.

530.5 – 535.5 — Brecciated.

539 – fo: 6°

556 – 558 – Brecciated.

566 – 573 – Brecciated. foliations are draped and dip vertically.

ranging from 1% to 3% in places. Some calcite veins may contain upto 5% Py.

395 — Fo: 81°

395.5 — 5% Py over 2" wide calcite band.

436.5 — S_1 is noticed that suffered minor slip in D_2 Event S_2 ||el to the axial planes of F_1. Over the core length, S_1 is not transposed and continues across S_2.

441.5 — 5% Py associated with calcite vein that outlines F_1 fold.

448 — 5% Py asso. with calcite vein.

457 — Fo: 81°

459.5 — 509

Graphitic Schist:
Black well foliated Schist consists of numerous calcite veins. Py is negligible but in

576 – fo: 30°

592 – 597.5' – fault zone.

629 – fo: 28°

645.5' – 652 – fracture zone

674 – 881 GREEN STONE.

fine grained, greenish in color and massive Greenstone. calcite occurs as veinlets throughout. Some disse. calcite is commonly present. finely diss. Py in places amounts to 1% and less than 1%.

676 – 691 — rich in calcite in this increment and 12% of calcite is common.
680 – Py along fracture — ≈ 5%.
692 – 693 – fracture zone.
688 – 4% Py along fracture over 2" width.
707 – 717 – fault zone.

726 – 739 – "

745 – 2% Py & Po. little cpy.

805 – 812 – fault zone. Gouge accompanied by breccia.

818 – 830 – Brecciated.

877 – 2% Py over ½" width of Green Stone

(PTG)