015732

ANVIL MINING CORPORATION LIMITED
Whitehorse, Yukon
PROPERTY NAME FARO ZONE C
LOCATION ROSE CREEK, YUKON
DATE DRILLED MAY 12 to APRIL 30/66
SCALE OF LOG 1" = 40' 1" = 10' in ore zone. LOGGED BY B.M. DATE

HOLE NO. 66-E-1 DEPTH 540'
COLLAR ELEVATION CORE SIZE NQ INCLINATION TESTS
BEARING — (MAG OR TRUE DIP -90°
CO-ORDINATES 10,181.48 N. 16,533.19 E. 6,915,188.36 N 585,221.21 E
SURFACE ✓ OR UNDERGROUND
TOTAL RECOVERY 494.2' = 95.04%

SHEET 1 OF 3

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL FROM	INTERVAL TO
0 0 - 30 OVERBURDEN 40						
PHYLLITE: light blue grey in color rusty stained throughout section. 80	Foliation: 40 - 80 -30° crenulated 54-75 minor drag folding 66-67 Fault, broken core, brecciation 72.5-75 FAULT ZONE (?) Brecciation	42 51 55 62.5 72.5 74 76	8.5 4.4 8.0 C C C			
87' contact gradational 91 BANDED QUARTZITE light grey in color METAPHYLLITE: bands of light to medium grey in color. 104 QUARTZITIC METAPHYLLITE: medium grey in color, getting progressively Graphitic 120 towards 140; from 135(?) disseminated pyrite (very minor) contact gradational 140 GRAPHITIC PHYLLITE: very dark grey in color, minor pyrite; increasingly biotitic towards 163 160	Foliation: 80' - 120', -90° to 10° 87-90 FAULT ZONE, gouge, breccia, broken core 95-96 Fault, breccia, gouge 102-103 Fault, gouge, broken core, rusty stain, -45° 114-117 } FAULT ZONE: gouge, broken core 118.5-121.5 } clay alteration 100-110 crenulated 110-113 Drag folding Foliation: 120' - 160', 0° to -20° Disseminated pyrite 135-165 140 - heavily crenulated	85 87 92 102 104 113 117 119 123 126 131.5 140 160.5	C C C C C 8.0 8.6 1.6 C C C 6.4 C			
163 BIOTITIC METAPHYLLITE: biotite banded, sericitic, no pyrite MS QUARTZITE (178-202): medium light grey; minor pyrite, biotite banded 178-183 becomes graphitic towards 202 200	Foliation: 160' - 200', -30° Disseminated pyrite 170-230	169 174 180 185 188 197	4.4 C C 1.8 C C			
202 GRAPHITIC PHYLLITE: dark grey in color increasingly quartzitic to 220. Cut by Quartz Stringers, minor pyrite 220-230 QUARTZITIC PHYLLITE: graphitic 230 - GRAPHITIC PHYLLITE - highly crenulated 240 quartzitic, no pyrite	Foliation: 200' - 240' unobtainable 216-222.5 FAULT ZONE, gouge, brecciation alteration, broken core (-40°?) 229-254 FAULT ZONE. brecciation, gouge, broken core, quartz veining 202 - crenulated	202 212 217 227 231	4.4 8.0 8.0 C C			

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ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL FROM	INTERVAL TO
240		241.5				
243 - 252 QUARTZITIC PHYLLITE, medium light grey in color, no pyrite	Foliation : 240' - 280', -40°	250.5	8.4			
QUARTZITE : medium light grey in color minor pyrite. Increase in biotite down through the section - occasional biotite bands, slightly sericitic. May better be called a BANDED QUARTZITE	Pyrite disseminated 252-	258	C			
280		267	8.9			
		268.5	C			
		272.5	C			
		277	C			
	Foliation : 280' - 320', -45°	284	C			
	Crenulated 284 - 288, 290 - 300, 318 - 322	291	C			
	306 - 307 Fault, gouge, brecciation, -20°	303	5.3			
	313 Fault, minor slip, -50°	309	C			
	316.5 - 319 FAULT ZONE, gouge brecciation, -50°, -70°	315				
320						
333 contact gradational	Foliation : 320' - 340', Flat Lying.	326	10.7			
333 - QUARTZITIC PHYLLITE : blue grey in color. Slightly calcareous becomes biotite banded after 339., minor pyrite		335	C			
360 disseminated throughout section	Foliation : 340' - 380', -50°	343	C			
	356.5 - 357 Fault, broken core.	357	10.5			
376 - 405 Biotite banded, medium blue grey in color		367	C			
		376	8.6			
	Foliation : 380' - 420', -40°	382	5.5			
400		392.5	C			
contact gradational	Crenulated 404.5 - 427	402.5	C			
405 - 426.5 METAPHYLLITE		413	C			
426.5 (contact -30°!)	Foliation : 420' - 460', -50°	421	C			
426.5 - PHYLLITE : non calcareous		431	C			
440		441	9.8			
		451	C			
	Foliation : 460' - 500', -40°	461.5	C			
480		471.5	C			
487.5 contact gradational		482	C			
BANDED QUARTZITE : medium grey in color	Crenulated 502.5 - 512.5	492	C			
502.5 - 510 Biotite banded very minor pyrite	Foliation : 500' - 540', -50°	502.5	C			
		512.5	C			

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ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL FROM	INTERVAL TO
520						
grades to a light color 520 - 529		525	4-4			
			C			
540 END OF HOLE		535				
		540	4-A			
560						

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
MAP REFERENCE NO.	METHOD:		

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

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HOLE NO. 66-C1
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
0	37		Overburden											
37	47		Metatuffite / calc-clinozoisite schist; lt yell. green, weakly banded, mod. coarse veins; metatuffite											
47	83.5	1A2 or 3A9	Graphitic muscovite quartzite; med-dk gray, strongly banded, well foliated (S_2 = main foliation) graphitic gtzites; no appreciable sulfides, minor py (1-5%); graphite along S_2 foliation; definite F_2 intrafolial folds $\Rightarrow$ main visible fol'n = S_2 S_2 = 65° to c.a. @ 53'; S_2 = 70° to c.a. @ 82'; much post-D_2 folding of S_2 (probable F_4) w/ incipient S_4 (?) axial planar fol'n; not certain whether this interval = Fano sulfide zone		Could easily be higher grade - 3139							
83.5	92	3A0	Muscovite quartzite; lt gray, sulfide and graphite free quartzite											
92	95.5	3A0	Interbanded anthentic marble and clinozoisite schist; beige, calcareous anthentic marble bands (0.1-0.75") and lt-med. yell. green actinolite (?) schist bands											
95.5	98	3A0	Graphitic muscovite quartzite; as 47-83.5; S_2 = 80° to c.a. @ 97											
98	101	3A0	Metatuffite / clinozoisite schist; as 37-47											
101	104.5	3A9	Graphitic muscovite quartzite; as 47-83.5											
104.5	109.5	3A0	Metatuffite / calc-clinozoisite schist; as 37-47; lt-med. green, weakly banded, mod. foliated											
109.5	114		Calc-clinozoisite-bio. schist; banded, med brown and green											

Diamond Drill Record

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NORTH			
EAST			
ELEVATION			
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COMPANY NAME _____
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
			non-calc, non-mag schists											
114	119		Porphyritic hornblende diorite; finely xllne (hb, plag) diorite w/ gouge zone @ upper contact (114-116)											
119	127	3AO	Qtz. bio schist; med. gray brown, very siliceous ~~biotite schist to quartzite~~; S_2 = 65° to c.a. @ 125'; no appreciable sulfides											
127	140	3AO	~~Metabasite / chlor-clinoamph. schist~~; as 37-47; gouge 135-136, 139-140											
140	150	3AO	Carbonaceous bio-musc-andalusite; dk. gray, early porphyroblastic bio > musc, variably carbonaceous pelitic schist; S_2 = 70 to c.a. @ 150' Note: to this point in hole no real suggestion of lg. F_4 hinge zone											
150	200.5	3AO → 1AO → 1AS	Interbanded qtzo-feldspathic biotite schists and chlo-clinoamph. schists; dk. br. bio. and med blue-gray green chlo-clinoamph schists interbanded on 3"-12" scale w/ many post D_2 folds (F_4?) S_4(?) axial planar to F_4(?) folds ≈ 90° to c.a. 160-190'; S_4 only incipiently devel.; definite post D_2 folds; subequal proportions of both lithologies; S_2 = 40° to c.a. @ 197											
200.5	242.5	3AO	Graphitic schist, qtzite and musc metabasite; entire interval devel in F_4(?) hinge as S_2 ≈ 0° to c.a. over interval; much qtz-ankerite fracture filling in hinge zone particularly in graphitic schists											

Real problem w/ 3A/1A recognition — all 1A in details, 67F2,3, 73X-1, 75-11 could be calc-silicate

This is a band in 3AO — Transition zone

Minor 1.20 @ 322. Could this be drilling down F_4 limb

66 C

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS						
242.5	251	IDO	Heavily fractured and gouged chlor.-musc schist; interval of rubbly & highly fractured core w/ qtz-andesite veining and minor brecciation; possible fault zone; S_2 = tall ≈ ⊥ throughout this interval											
251	321.5	IDO	Interbanded qtz-musc. schist and bio-musc-schist; med. gray to med. gray brown variably siliceous, slightly carbonaceous schists; gouge 317-318; S_2 = 45° to c.a. @ 259'; S_2 = 60° to c.a. @ 298'; minor bio-musc-andalusite schist 290-321.5' IDO not strongly aluminous but otherwise OK											

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HOLE NO. 1966-C-1
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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
321.5	370		Metabasite; strongly grey to weak green, plag, clino-amph ≫ biotite metabasite of probable metavolcanic origin; finely xlline, near massive to weakly banded, 1' zone of po (1%-5%) @ 333'-334' some browny-red biotite defining the majority of recognizable banding. S_2 = 0° to c.a. @ 350, Note S_2 is generally poorly defined. Zone of broken core @ 355'-357'. Zone of po (≪ 1%) from 365.5' to 370'. [Siliceous-Bio-Musc-Schist Interlude: @ 363.5'-365; grey-beige, qtz rich, with minor <1% blebs of po.]					
370	404.5	3AO? to 1AO	Interbanded Sequence of Metabasite (as 321.5-370) and Siliceous Bio-Musc-Schist; Unit is roughly 80% green-grey metabasite assemblage and 20% Brown-Grey Siliceous Bio-Musc-Schist. Numerous redy brown near monomineralic biotite (up to 2") bands distributed randomly throwout Metabasite divisions. Non-Calc; Metabasite has become less massive and increasingly thinly banded (due to biotite?). Po-Pich (1%-10%) zone from 391'-393.5'; S_2 = 40° to c.a. @ 400					looks like 1D interval above is in core of Fy antiform & interval 324-405 is on lower limb of same fold
404.5	429.5	3AO or 1AO	Quartzo-Feldspathic-Bio Schist/Gneiss; strongly banded, grey + reddish brown, occasional py blebs Total amounts: ≪ 1%. Good demonstration of S_1, S_2 & S_4 (?) fabric interrelationships @ 421' Post D_2 ($\pm D_4$?) Ball Qtz veins @ 416', @ 420' & @ 425'. Also note an introduction of chlor-clino-amph minerals @ 428'. This may be taken as an indication of a gradual return to the metabasite lithology. S_2 = 10° to c.a. S_1 = 50° to c.a. & Incipient S_4 = 90° to c.a. @ 421					Absolutely no doubt that S_2 is folded by S_4 Sample to show
429.5	475.5	3AO to 3DY or 1AO→1AB	Interbanded Sequence of Metabasite & Quartzo-Feldspathic Metabasite; Qtzo-Fspathic Metabasite is lt green to grey, slightly carbonaceous, thinly banded element of unit while metabasite element follows description of 321.5-370 S_2 = 35° to c.a. @ 450°. Unit differs from previous interbanded sequence by the increase in siliceous and carbonaceous lithologies and a near total elimination of the two mica schist unit.					

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS
475.5	488	3A0-3D4 to 1A0	Qtzo-Feldspathic Bio Schist / Gneiss; as 405.5-429.5 ; S_2 = 50° to c.a & S_1 = 30° to c.a. @ 481'					
			Again, fine inter-relationships can be seen in core @ 481' between S_1 & S_2					
488	534	3D4	Interbanded Sequence of: Metabasite (15%); Quartzo-Feldspathic Metabasite (35%) and					
			Qtzo-Feldspathic Bio Schist (50%); as 429.5-475.5 → But with the addition of					
			the schist elements c.f. 405.5-429.5. This whole interbanded sequence has all the given lithologies					
			of previous intervals but are confined to short intervals (6"-12" gradational) and may					
			possibly represent an alternating pre-existing geology of volcanics and sediments.					
			S_2 = 65° to c.a. @ 500'; Qtzo-Feldspathic Metabasite and Schist Units are slightly					
			carbonaceous, S_2 = 40° to c.a. @ 534'					
			1					
			NB. Core generally poorly preserved with considerable jumbling. S_2 sub-vertical					
			at following intervals: 223'-251'; 330'-375' & 405'-447'. These probable					
			F_4 hinge zones. Remember possibility of recumbent F_4					
			Faro anticline this area ✓✓ Looks OK					

Just not certain what unit this shit is but lithology is same as 1A in ditch 73X1, 67F-2,3, 68PR-2. Beginning to think all "1A" is really higher grade = of 3D

66 C.1 Summary

37	242	Calc-schicate	
242	321	IDD	
321	534	Calc-schicate	

N.B.: Check relations in ditch, 73X1, 67F2 67F3, 68 PR2 for 1A / 3D equivalence