CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 097

Project: GRUM RE-LOG

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6906363.703 N

591344.3958 E

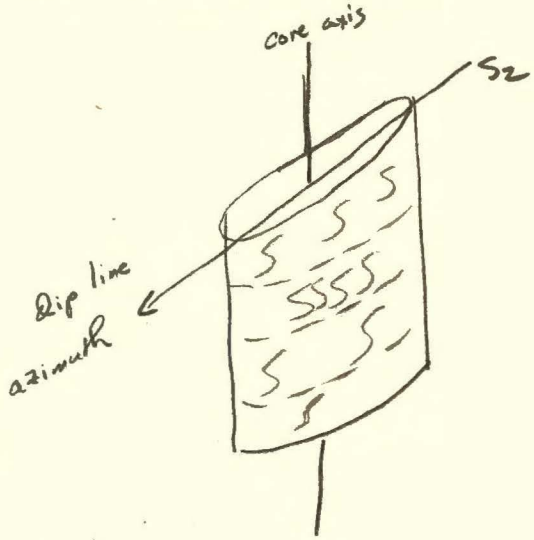
Grid Co-ords.: 128W / 16N

_____

Elevation: 1305.16

Total Depth: 100.0 meters

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230°.

Purpose: Test Firth showing

Logged by: GAS / LCP Date(s) Logged: August 19, 1983

Drilling Contractor: _____ Core:

Size	From	To
BQ	1.7	100.0

Collar Cased and Capped: ____

Started: July 26, 1975 Completed: July 28, 1975

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGA097 (2–8)

Code	Drillhole (2–8)	Elevation (10–16)	Northing (17–24)	Easting (25–32)	Comments (34–48)
T	FAGA097	1305.2	9063631.7	591344.4	METRES

Code	Drillhole (2–8)	Depth (10–14)	Zenith Angle (22–26)	True Azimuth (28–32)	Comments (34–56)
R	FAGA097	00	180.0	10.0	AT COLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	NO DOWNHOLE DATA
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole (2–8)	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions (10–47)

METERS

DDH EAGA097 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 19 Aug 83 Logged By: GAH/MCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0.0	1.7		1	#1	Overburden & casing — Triconed — No Core
L	1.7	17.0		2	3G10	→ 3G9 → 5A6± & Downhole 3G has 15% coarser granular areas (diffuse bands) of green — qtz & actinolite Light greenish color Grades down through increasing carbon to 5A in last 0.5m. Banded to different grays w/ different carbon development Noncalcareous w/ gradation to Dolomite in last 0.5m. Extensively crackle brecciated. Veins to microveinlets of qtz-calcite ± pyrite ± chlorite Healing fractures. Incipient movement leading to zones of fault bxa — pieces can be put back together but they have moved & are rotated Veins have variable orientations 20° C.A. & normal S_2 Extensively broken core w/ short zones of rubble Minor incip. gouge — below 7.5m get short zones of intact core — Ignore state of core & goy attn to crackle bxa & underlying unit. Recov 60% TOI-6.7, 6.7-11.3 recov. good, 11.3-13.7 75% recov, 13.7-15.5 50% recov., 15.5-17.0 75% recov Again recov. probl. not related to faults
L	17.0	18.8		3	5IA16	BXA (5DH BXA) Sheared foliated fault bxa. Matrix clast, micaceous, noncalcareous Wispy films wraps around clasts/augen of qtz & dolomite. Also fragments of 5DH foliated lithology Also @ 18.6 have sulfide frag (4E1) Upper contact @ 58° C.A / Internal shear films tends to be 65-70° C.A. — elongations of qtz augen & micaceous folia At EOI shear film @ 55°

DDH F.A.G.A.0.9.7. (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 19 Aug 83 Logged By: GAJ/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	118	212		14	14L167	4 I 2 minor (+5 v. minor) → I $# v. minor
						6 # 7 strong
						Unit consists of mod. bluish green to yellowish green, noncalcareous, nondolomitic, soft. phyllite. Rock distinctly green — only locally is it cream coloured — more intensely green than 36B — yet too micaceous to be 5D/3B.
						25-30% py which grades from 50% @ TOI to 10% @ EOI w/ many reversals downhole. Py as diffusely banded bands w/ qtz-ser gangue. More py are microbxa w/ qtz clasts in py matrix. Upper 1.5m have bxated qtz ± dolomite vein in py section. Minor magnetite blebs in upper part of interval. Local calcite asc. w/ green augen-clasts.
						Minor cpy
						Not a typical ore facies
						Green color in phyllite same intense green as chlorite selvages to qtz veins. — not happy w/ 4L designation because this probably not related to ore alt.
						5cm 4E1 similar to clasts in overlying fault bxa @ EOI.
						This unit not a fault bxa — probably ductile flow bxation
						Split - originally intact - / upper contact fault. — Lower contact is gradational over 2m. recov. OK
L	212	218	6	15	14L	6 strong I 7 minor I 2 minor → 4L60 weak locally
						Basically same rock as #4 above only minor py. Clearly related to above unit. Top 1m. has 5% py — gradational to overlying unit
						Unit as few % disseminated & stringer py along & cutting Sp. Not associated w/ qtz
						Weak crackle bxa towards EOI
						Altered grey phyllite - no grey green left
						Mod. brkn. local incip gouge & rubble Recov. OK

C.A.M.C. 1981 - E - 3A

DDH FAGA097 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 19 Aug 83 Logged By: GAS/LCD

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1218 6	1311 5		16	31G101	I4 / TOI ±9 EOI Mod. soft, noncalc., greenish grey phyllite w/ greenish soft granular qtz-actinolite (?) bands similar to Unit #2. Altered & broken 36 Med. greenish grey TOI → Dk greenish grey EOI Mod. - intensely crackle bxa w/ qtz-cc-py healing fractures - veins to micro veinlets & local zones of rotated & shear foliated bxa grading into crackle bxa - w. minor incip. displacement Upper contact grad. over 1 m. Sandy matrix to some bxa clasts are reminiscent of bxa @ 35.8-41 in DDH FAGA098 — but not nearly as well developed — also 466 in overlying unit is same as 466 in same location of #98. Frags in #98 bxa look like this unit. Similarity between DDH's is "striking." Possible fluidization bxa is spatially associated w/ dyke. Rocks intact - recov. OK @ EOI is ground core piece which is sandy bxa
L	1311 5	1389		17	101F415	78 10F dyke as in #098 0.8 & 0.5 m. chilled zones TOI & EOI w/ ghost feldspar microphenocrysts Intact - cut by rare vertical quartz cc. veins Unsheared, unfoliated, little brkn Lower contact knife sharp against bxa - truncates frags in bxa 45° to C.A. - subparallel to weak probable flow banding in marginal phase of dyke. Disseminated euhedral pyrite in marginal phase Plag in dyke looks very altered Intact - recovery OK

Upper contact more irregular. Flow banding @ 65° C.A.

C.A.M.C. 1981 - E - 3A

DDH FAGA097
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 19 Aug 81 Logged By: GHJ/JECP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1318 9	1319 6		18	31G91	BXA
						Bxa is between shear foliated, sandy matrix bxa, crackle bxa. Diversely oriented PSZ foliated phyllite clasts in a mica-rich - not strongly flted - locally silica flooded matrix. Mainly clast supported - locally difficult to tell clasts from matrix. Most bxa closely packed
						Med. dk grey to dk grey phyllite. Noncalcareous, many cc veinlets
						Weak fltn - alignment of elongated frags @ 70° C.A.
						Local bands of sandy bxa matrix subparallel to this fltn
L	1319 6	1414 8		19	31G91	(3BG) trace
						Med. to dk grey, noncalc. PSZ flted phyllite. Weathers rusty along PSZ.
						Cutting & interleaved w/fltn is sandy bxa matrix seems absent in this
						DDH # A098 — bxa matrix in bands // & cutting SZ — small
						faults may truncate bxa bands — bands 1-3 cms thick
						Post SZ - small phyllite frags floating in matrix. bxa bands below
						than SZ.
						Med. overprint of cc crackle bxa. Several late faults cut fltn
						30-80° C.A. Recovery ok. Very weak version of sandy matrix bxa
						bxa suggestive of forceful injections
L	1414 8	1512 0		110	15A16	I & I1 (5CD 4%) 60:40
						Dolomite flash - 5A is PSZ flted. grading into shear fltn as go downhole.
						5D as 1m - 0.2m interbands sub// fltn — locally look like frags. in black
						matrix bxa. fuchsite in 5CD
						Extensively crackle bxaed w/ qtz & minor dolomite healing fractures
						Gouge - incip to through-going from TOI - 45.3, 45.3 - 49.1 intact, recov. ok, minor rubble

49.1 - 51.2 taken recov. of rubble (0.2m), 51.2 - EOI. rubbly to very bxa - recov. OK

Towards EOI shear flted. black micaceous matrix bxa w/ qtz augen align. @ 55° C.A. lower contact arbitrary at last large 5D frag.

DDH FAGA097 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 19 Aug 83 Logged By: GAI/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1512 0	1514 8		1/1	15A16	±0 or ∅ BXA ∅ GOUGE
						Black, shear flkd. bxa w/ small qtz clasts - augen ∅ SCD clasts in black, flkd. matrix. 5D frags only a few % of unit fuchsite
						Core incipiently gouge / Rubble @ EOI recov. OK
						Shear fltn has variable orient 45° - 80° C.A
L	1514 8	1515 8		1/2	15D14/∅	?
						Orangey-tan weathering, light pinkish beige phyllite resembling 5D
						Texture not quite right - no fuchsite Could be a mylonitized 5D —
						similar to frags in above unit No green color, doesn't fize well w/ HCl
						Pervasively flkd.
						Interlayered grey micaceous gouge One interlayered py-qtz-dol. vein/frag
						looks more similar to above 2 units
						Very bkn to rubbly. Minor rubble @ EOI, recov. OK
L	1515 8	1615 2		1/3	13D14/1	
						25-30% biotitic interbands — dk brown — reason for 4.
						remainder mel. bluish green calc-silicate interbands green bands sparsely
						to mod. calcareous Reads benson — not good FARO pit 3D but
						definitely a calc-silicate
						TOI - 61.5 incip to thoroughly brkd grading to crackle bxa w/ cc as
						major bearing mineral
						above 59m biotite not abundant — perhaps better considered 3D1
						Core mod. bkn to very bkn — recov. OK, minor loss locally 63.4-63.7 - 0.3m. recov.
						Minor fault @ 63.8 45/000 incip. gouge
						PSZ flkd
						Color gradation into overlying unit

End of this unit is nearly equiv to 77.0m in A098

May be result of convergence of altered 5D & 3D so can't tell "parent" rock.

4 equiv to 77-80.5 int. in A098

DDH F.A.G.A.0.9.7 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 19 Aug 83 Logged By: GAS/LCR

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1615 2	1812 9		1/14	3D1/	→ 3D4 locally
						Green to bluish green, locally brn calc-silicates
						Poor in biotite-rich bands but still present
						Sparsely to mod. calc. w/ minor interbanded 3F marble 68.8-69.7
						Fungus growths of brn dk. alteration — don't know what it is. which
						is assoc. w/ fractures. Assc. w/ calcite bearing fractures. Mainly 70-75.5m
						Overall fld. homogeneous green calc silicate. Biotite bands 5%
						overall — but in bundles so locally like 3D4. Upper contact gradational.
						Interval 78.9-79.3 60% Po — maybe an injection - carrying
						frags of calc-silicate Contacts problematic. — Not especially foliaform. —
						Banding in po similar orient to comp. banding in calc-silicates (PS2?)
						Core very brkn 65.2-65.8 very rubbly 65.8-EOI intact
						lots of calcite lined fractures @ 25-30° C.A.
	1812 9					hornfels contact irregular. Brec w/ biotite matrix. Fault @ 45° C.A.
L	1812 9	1910 3		1/15	101A1011	9 "Mylonitic?"
						Extremely hard, off-white qtz-rich rock w/ local dull earthy white feldspar
						ghosts which seems to indicate a 10AB origin
						Not so mylonitic looking as A098 Unit cracked veined w/ chlorite —
						"marbled" texture. networks of green veins & veinlets
						hooks like elements of calc-silicate intermingled w/ elements of 10AB
						Mod. to v. brkn, recov. OK
L	1910 3	11010 0		1/16	101A1311	9 (10AB/9 mylonitic) 0.5m. interband of above ½ m below TOI.
						Gradational upper contact over 3m Mod. to strongly filled qtz-feldspar-

C.A.M.C. 1981 - E - 3A

chlorite - minor. (?) altered 10AB. Mafics all destroyed. — probably altered to clay.

EOH

Mod. to v. brkn — incipiently gouged. — extreme alt. is cause. Recov. OK

No good biotite 10AB ins in DDH

DDH FAGA097 (2–8) Cyprus Anvil Mining Corp. Page 9 of _____

Structural Log Date: 19 Aug 87 Logged By: GAJ/LCP

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
S		172	PS12				715 2310	PS2?
S		1136	PS12				610 2310	
$		1174					715	shear fltw
S		1215	PS12				715 2310	disturbed PS2
S		1281	PS12				515 2310	disturbed PS2
S		1400	PS12				610 2310	disturbed PS2 —
								incipient crackle bxa
S		1444	PS12				618 2310	
S		1570	PS12				515 2310	disturbed PS2
S		1615	PS12				610 230	disturbed PS2 —
		163						comp. banding
S		1648	PS12				615 2310	comp banding
S		1726	PS12				610 2310	" "
S		1785	PS12				58 2310	" "
S		1923					415 2310	granitic fltw - difficult to see
S		1953					510 2310	granitic fltw - more clearly
								developed

C.A.M.C. 1981 - E - 4

DDH FAGA-09-Z (2 / 8) Cyprus Anvil Mining Corp

Page 10 of _____

Logged by _____

ASSAY LOG (SAMPLER'S COPY) Date _____ Sampled by _____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION			
									oz/ton	gm/tonne
P	1191	1204	91210715	13	13	14L617	1.40	1.54	0.88	(30.17)
P	1204	1224	91210716	20	20	14L617	0.50	0.38	0.88	(30.17)
P	1224	1235	91210717	11	10	14L61	0.10	0.18	0.24	(8.23)
							Kerr - Addison tag #s			
							2114 - 2116			

C.A.M.C. 1981 - E - 5

FAULT

DDH FAGA097 (2 / 8) Cyprus Anvil Mining Corp. Page 11 of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	117	1170	X1Q1					Extensively crackle bxated veins to microveinlets of qtz-cc+pyrichlo
								Healing fractures
F	117	167	R1B1B	6				60% recovery
F	167	1711 3	R1B1B					recovery OK
F	1711 3	1737	R1B1B	7				75% recovery
F	1737	1755	R1B1B	5				50% recovery
F	1755	1770	R1B1B	7				75% recovery
F	1770	1188	X1F1					Sheared, filled fault bxa
								clasts of qtz & dolomite in
								black carbonaceous matrix
								55°-70° C.A. for
								shear fltn.
F	1188	1212 8	D1					micro bxa texture — not
								a fault bxa — rather a
								ductile flow bxa.
F	1212 8	1213 6	2B1					mod. brkn, local incipient
								gouge & rubble — recovery OK
F	1218 6	1311 5	X1Q1					mod. to intense crackle bxa
								qtz-cc-py healing fractures
								contains possible fluid. retain bxa.
F	1318 9	1319 6	X1F1					phyllite clasts in muscovite
								matrix.
F	1319 6	1414 8	X1Q1					mod. overprint of cc. crackle
								bxa recovery OK
F	1414 8	1415 3	G1					gouge, incipient to throughout
F	1415 3	1419 1	X1Q1					crackle bxa, core intact,
								recovery OK
F	1419 1	1511 2	R1	1				token recovery of rubble
F	1511 2	1520	R1B1G					shear fltd black carbonaceous
								bxa w/ qtz augen
F	1520	1514 8	X1F1G					bxa & gouge
F	1414 8	1514 8	X1F1					Major fault!!! — bxa qtz augen
	1514 8	1515 8	R1B1B					v. brkn to rubbly — some
								interlayered grey gouges

C.A.M.C. 1981 - E - 4

FAULT

DDH FAGA097 (2 / 8) Cyprus Anvil Mining Corp. Page 12 of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1515	1615	QIXIB					thoroughly bxated grading to crackle bxa
F	1615	1615	3IBI					mod. brkn to v. brkn
F		1613	FIGI			415000		incipient gouge
F	1615	1615	3IBIR					v. brken & rubbly
F		1812	XI					lower contact bxa w/ biotite matrix
F	1910	1010	3IBI					mod to v. brken — recovery OK
F	1812	1910	DI3IB					mylonitic — margin of batholith - may just be metasomatic

C.A.M.C. 1981 - E - 4

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 098

Project: GRUM RE-LOG

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6906 320.3288 N

591298.9328 E

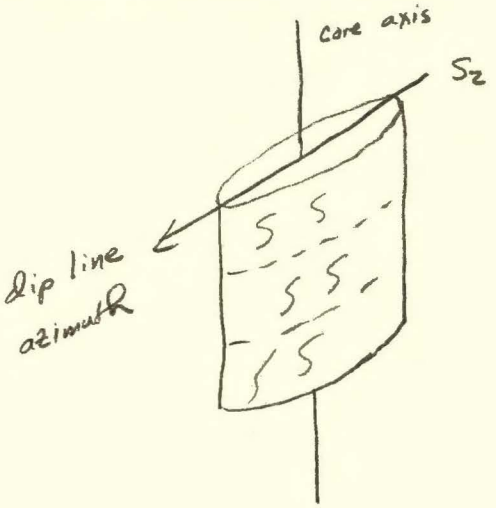
Grid Co-ords.: 128W / 14N

_____

Elevation: 1305.89 meters

Total Depth: 145.5 meters

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

_____ with dip azimuth _____.

Purpose: Test the Firth showing

Logged by: LCP / GAS Date(s) Logged: August 18, 1983

Drilling Contractor: _____ Core: Size From To Collar Cased and Capped: ____

Size	From	To
BQ	4.3	145.5

Started: July 29, 1975 Completed: July 31, 1975

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH F.A.G.A.0.9.8.
(2 – 8)

Code	Drillhole	Elevation	Northing	Easting	Comments
	2 – 8	10 – 16	17 – 24	25 – 32	34 – 48
T	FAGA098	1305.9	9063201.3	591298.9	METRICS

Meters

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 – 8	10 – 14	22 – 26	28 – 32	34 – 56
R	75-A098	0.0	180.0	10.0	ATCOLLAR
R	75-A098	24.4	179.0	358.0	SPERRY SUN
R	75-A098	61.0	176.6	2.0	
R	75-A098	121.9	176.0	303.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 – 8	10 – 47

DDH FAGA098

2 meters 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 18 Aug 83 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	10 0	43		1	#	overburden
L	43	90		2	BIXA	moderately hard to moderately soft ic not totally hard and silicified - probably originally a grey phyllite but now has pale greenish cast. Has abundant qtz calcite veins both subll and cutting shear foln - former are elongate fragments → lenses latter are vuggy and rusty veins. No calcite reaction except from xcutting veinlets - py in fracture filling post S_2 veinlets, core is moderately broken strongly oxidized
L	90	133		3	BIXA	grey to dark grey - clasts are qtz ± chloritic phyllite - has an overall flooding of matrix by qtz vein material - matrix is dark and micaceous 10.5-10.7 = larger fragment of SD/3B core is broken ± locally rubbly recovery OK but for 11.3-12.8 ≈ 50% recy
L	133	RH 4		4	3G9	± $ minor moderately soft medium dark grey to dark grey - locally heavily ± closely fractured with qtz calcite ± minor py veins and veinlets healing fractures - S_2 is disrupted/displaced across the crackle brx veins giving a very messy look to core. Core mod to strongly broken locally rubbly only very minor gorge 19.5-20.1 have 15% recy otherwise recy ok
L	244	RH 7		5	4D39	upper contact sharp against qtz vein, q = small cpy stringers Have fine qtz+py±sphal matrix surrounding elongate lenses/augen clasts (disrupted bands ?) of coarser qtz with minor py ≈2cm thick but quite variable. Total S = ≈60% matrix + sulfides locally banded with thin sphal rich laminae lower contact gradational over ≈1/2m Sphal originally intruded

Shear foln ~45° @ 5m.

Shear foln 70° @ 9.1m

4.3-5.2 ≈ 30% recy
Likely S 2 recy ok

DDH FAGA098 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	247	266		6	4E1	±8 ±7 tr
						split but originally ok - proportions of qtz/py change with less noticeable qtz argen down hole giving away to banded near massive sulfides - mt occurs as thin black lenticular bands/argen in pyritic matrix mainly in upper ½ of intrusive, po is minor in qtz rose bands as fracture fill stringers in uppermost ± foot.
						sulfides host one clast of probable grey green SC6
L	266	268		7	4G4	
						split but ok
L	268	302		8	4L7 6	weak ±1 ±4 minor (10 @ 09 pyrrhotite gal) 95i5
						core unsplit - moderately broken local rubble recovery ok
						Has 2-1cm thick biotite-feld-qtz intrusive bands 11 to S_2
						pale creme S_2 Folia with slight greenish tinge, has stringers
						of fine qtz+ po ± sphal sub 11 S_1 and S_2 also xcutting
						At 29.8 have 10 cm of SC3 foliated
L	302	359		9	10F417	
						fine grained pale dull green qtz biotite and formerly plag porphyry plag reacts weakly to 10% HCl - aphanitic groundmass - has subhedral to euhedral clear qvartz phenocrysts
						Has .6-.8m margin of very fine grained chilled zone without phenocrysts. (some minor small feldspar phenos)
						upper contact sharp $\sim 11 S_2$ (75°) lower contact is qtz vein
						Rock is not foliated and is cut by only v. minor calcite veinlets
						intact

10F is to intrusive - affinity to Dixon Ck swarm - DY dike and 10F clan at Faro pit - not necessarily composition

DDH FAGA098 (2 – 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L	516.3	516.6		15	SAGS	±3 minor BXA
						Shear foliated bxen with qtz augen
						core v. broken + rubbly foln @ 80°
L	516.6	640.0		16	3GO	±9
						v. local granular bands but not hard ±disseminated py in these bands;
						local crackle bxen with qtz calcite healing ±py some
						movement on bxen
						intact to 555
						555 – 625 is v. broken locally rubble + minor gouge –
						not significant fault
						625 – EOI = Intact.
L	640.0	647.1		17	SA69	py [3G96]
						py as thin stringers ⊥ and along xcutting
						fractures
						mod to strongly broken – some gouge at EOI
L	647.1	717.1		18	SA6	(SCD4 ±$) BXA (10F)
						SCD texture varies from foliated fine grained to foliated
						coarse mottled occuring as clasts (?) up to 15 cm
						thick
						most of unit is black shear foliated BXA with
						qtz augen / lenses in black micaceous non calc matrix
						at 697 have 20 cm of 10F intrusive
						at 756 have 10 cm of grey non calc phyllite – clast?
						core is gouge to rubble but recovery ok.
						Foln at lower contact @ 35°

C.A.M.C. 1981 – E – 3A

DDH EAGA098 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	77.1	83.3		19	3DH	(SD4$) (3G9)
						calcareous, green, poorly banded, biotite bearing, well foliated locally, calc laminated calc silicate
						SD4$ is for rusty weathering fine grained dolomitic phyllite that cleans up to pale pinkish beige with 20% acid thus looks and acts like SD4$. ≈ ~10% mainly in top 3m.
						pyr & sphalerite bxtd with gtz calcite ± sphal healing
						^Rx are progressively more sheared looking with fault bounded contacts between subunits with depth
						Not great fit 3D ie not green/tan banded ∴4 = laminar/variously interbanded calc silicate not banded phyllite/calc sil, core intact, altered?
L	83.3	85.0		20	BXA	
						rusty brown weathering when clean greenish grey, strongly foliated bxa
						calcite in matrix and as clasts - gtz clasts
						Foln ~ ± 55° to Core Axis - clasts are finer than above
						Bxa and foliation is more planar
						upper & lower contacts are gradational
						intact
L	85.0	88.1		21	3DH	
						similar to above (#19) but lighter (pale green) and looks more altered
						87.5 have 10cm of IOF intrusive
						86.0 to EOT is rubble and ends in gouge. - "Just a mess!"
						20cm of rubble & gouge from 80.0 - 80.2

DDH FAGA0098 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	88	107		22	3D	(3FO) minor hard moderately to slightly calcareous homogenous to weakly color banded. dominantly green with some minor dark brown biotite banding. fine grained - dull green to epidote green. - minor garnet 88.8-89.3 is silicated marble = lightgrey with augen of brown silicate rock TOI - 91.8 is gouge and rubble. - rocks are oxidized and have lost green color. below 91.8 core is locally broken but basically intact No fault bxa - reminds Lee of calc sil at bottom of A-101 but not as calcareous - I agree definitely the best comparison - this again is not normal mine 3D
L	107	119		23	10AB	19 mylonitic creamy white (peripheral slightly siliceous) v. strongly foliated w/ no mafics - seems to have ghosts of feldsper phenos and sections of less deformed rock - minor chloride rich areas sometimes stringers along fractures - locally less altered & foliated for ~10cm where can see feldsper phenocrysts - without the latter sections one might call this a highly altered silicified calc silicate. - quite an unusual rock - upper contact is sharp ~11 foln in calc silicate - lower contact gradational over 20 cm where have phenos but no mafics then 10AB with both phenos & mafics. Core is intact

10AB as used here means two things the rock is a gtzmonz to granodiorite and it is the Anvil Bathlith - this is because the unit 10 subdivisions are useless when one confronts a piece of core less than 10,000 years old

DDH EAGA098 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10–14	16–20	22–24	26–28	30–34	35
L	1110	1155		24	10AB1	7 ± 9 minor
						foliated – fg. biotite defines wavy planar foln (biotite not see good ribbon qtz but might be masked by biotite parallel to it) – wavy crowned feldspar phenocrysts 1 cm across – minor intervals where alter along fractures and biotite is bleached and feldspars are altered
						unit moderately broken to intact – minor rubble no gouge
L	1155	1266		25	10AB1	9 (10AB17) 90:10
						mixed zone of unaltered and altered foliated intrusive – alter is chl after biotite and cloudiness (clay) in feldspars – altered zones are locally calcareous.
						interval strongly broken – fracture runs down core axis – locally gouge/sand, good recov, no significant faults
L	1266	1292		26	10AB1	7 ± 4 v. minor
						as #24, intact
L	1292	1387		27	10AB1	9
						creme colored foliated can see ribbon quartz (maybe because it's not masked by biotite) can see 2ndy muscovite, minor Chlorite but biotite is gone – cut by a few qtz + feldsp veins which have coarse dark 2ndy biotite associated with them
L	1387	1455		28	10AB1	7 ± 9 local
						feldsper phenocrysts not as common and smaller
						EOH

DDH FAGA0098 (2 / 8) **Cyprus Anvil Mining Corp.**

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
delete — S	43	120						Fabric 3 axial faults at 45° foln commonly at 70-80°
S		170	PS2				80 2310	
S		237	PS2				50 2310	Strongly cleavable bx has some distortion
S		280	PS2				78 2310	
S		379	PS2				82 2310	could be clast in bx?
S		517	PS2				73 2310	
S		637	PS2				67 2310	
delete — $	671	771						fault breccia — faults at ~45° with shear foln commonly parallel but shear foln commonly less steep ≈ 70-80°
S		787	PS2				82 2310	
$		840			63			Shear foln = S_0 - steeper circulation here of 45°
S		932	PS2				55 2310	? = comp banding only?
S		982	PS2				61 2310	"
S		1056	PS2				83 230	
$		1092			68			mylonitic foliation = S_0
$		1121			70			biotite foln = S_0
$		1196			77			"
$		1272			GR			muscovite foln & qtz ribbons = S_0
$		1370			51			"
$		1453			55			biotite foln = S_0

DDH FAGA098 (2 8) Cyprus Anvil Mining Corp

Logged by

ASSAY LOG (SAMPLER'S COPY) Date Sampled by

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10 14	16 20	22 26	28 30	32 34	36 40	42 Pb Zn Ag
P	1214.2	1216.8	9210718	126	126	14DEG	2.70 2.64 1.03 (35.31)
							K-A assay tag # 2117

FAULT

DDH F.A.G.A.0.9.8. (2 / 8) Cyprus Anvil ~~Mining~~ Corp. Page 12 of _____

~~Structural~~ Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	143	190	XIFi					shear filled bxa
F	143	152	XIFi	3				30% recovery
F	190	1133	XIFiQ					bxa - flooded w/ silica
F	1111	1128	XIFiQ	5				50% recovery
F	1133	1214	XIQIB					v. broken, heavily fractured w/ crackle & thicker bxa-veins
F	1199	1210	GI	1				15% recovery in gouge
F	1214	1214	DI					fluidal flow bxa texture in sulfides
F	1216	1310	2IBR					mod. brkn w/ local rubble
F	1315	1409	XI					could be fault bxa, xenolith-rich intrusive bxa, fluidization bxa
F	1413	1413	XI					as interval 35.9 - 40.9
F	1516	1516	XIFi					shear filled bxa w/ qtz augens -
F	1516	1612	3IBR					v. broken & rubbly
F	1516	1612	IIXIQ					local crackle bxa
F	1614	1617	2IBI					mod. to strongly brkn
F		1617	IIG					5cm gouge
F	1617	1717	XIFiG					shear filled qtz augen bxa
delete F	1617	1717	GRI					gouge & rubble
F	1717	1813	XIQI					crackle bxated
F	1813	1815	XIFi					
F	1810	1810	GIRI					20 cm gouge & rubble
F	1860	1918	RIG					rubble - ends in gouge
								no fault bxa
F	1918	11078	IIBI					locally brkn - basically intact
F	11017	11109	DI??					mylonitic? - marginal phase of batholith - may be metasomatic
F	11109	11155	IIBI					mod. brkn to intact
F	11155	12166	3IBI					strongly brkn - fractures run Downs C.A.

DDH EA.6A.09.8 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	35.9	40.9		10	BXA	(4L6 [3G48]) 70:30
						4L/3G is moderately soft dull green phyllite with minor grey on some S_2 folia
						BXA has dark grey randomly oriented foliated & phyllite clasts in a sandy matrix with abundant qtz and feldspar. clast/matrix proportion 90:10 → 40:60 with both clast and matrix support.
						contact with 4L @ 75°
						could be a) fault bxa b) xenolith rich intrusive bxa.
						c) fluidization breccia
						intact no α
L	40.9	41.28		11	4L246	weak ± I
						light creme phyllite with greenish tinge with abundant S_2 // & crosscutting qtz+py bands up to 5 cm thick 10 cm dike near bottom of unit cuts across S_2 folia in 4L..., intact
L	41.28	43.3		12	1,0,F	
						marginal aphanitic phase — no bio or qtz phenos but has ghosts of felsic microphenos
						intact
L	43.3	43.7		13	BXA	(4L216 weak)
						as #10, intact
L	43.7	56.3		14	1,0,FH,7	S
						has bio qtz plag musc phenos — 5 cm aphanitic margins which have diffuse subvertical py — margins have laminar color banding // S_2 — lower margin has xenolith of coarser intrusive which banding wraps around.
						At 54 m is collection of black phyllite clasts. & one large one at EOI
						chilled margin phase also, as 10 cm band in interior
						intact — water content @ 45° [illegible] contact

C.A.M.C. 1981 – E – 3A

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: FAGA 101

Project: GRUM RE-LOG

Location: VANGORDA PLATEAU

Claim: _____

Terr. Plane Co-ords.: 6906232.2065 N

591388.7338 E

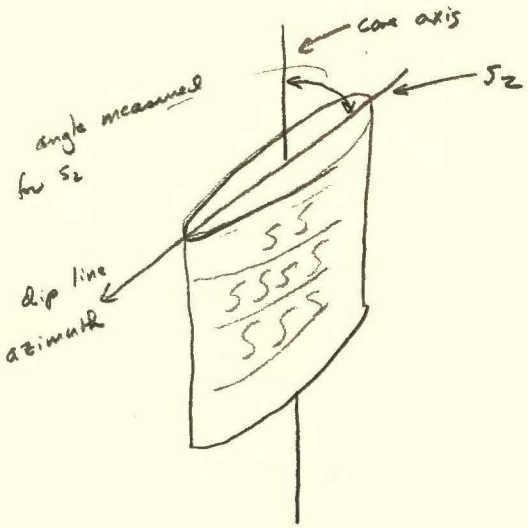
Grid Co-ords.: 124W / 14N

_____

Elevation: 1304.38

Total Depth: 269.7m

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 230.

Purpose: Test NW extensions of GRUM DEPOSIT

Logged by: LCP / GAJ Date(s) Logged: Aug 12-

Drilling Contractor: _____

Core:

Size	From	To
BQ	2.0	269.7

Collar Cased and Capped: ____

Started: Aug 1, 1975 Completed: Aug 6, 1975

Cyprus Anvil Mining Corp.
Diamond Drill Core Log

DDH FAGA101
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	FAGA101	1304.4	9062321.2	591388.7	METRES

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	75-A101	0.0	180.0	0.0	ATCOLLAR
R	75-A101	61.0	176.0	18.0	SPERRY SUN
R	75-A101	121.9	171.0	52.0	
R	75-A101	213.4	174.	41.0	
R	75-A101	256.0	175.2	17.0	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and /or Lewd Suggestions
1	2 8	10 47

DDH FAGA1.01 (2 8 metres)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug '83 Logged By: CCP/GOJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0 0	2 0		1	#	overburden & casing
L	2 0	76 8		12	SBO	v. minor 8
						generally with good lithons – py porphs ≥ po porphs, & is for green cast to cut surf of micaceous bands not calcite qtz lithons – S_2 folia are med dk grey web. – usual 10 p 0# chl pods/lenses/bodies/lm. fts/...
						~11 to S_2 generally < 10cm thick
						lower contact sharp
						1 SDO bands = 2cm @ 69.4m
						2.0 – 58.8 = moderately broken to intact – tr gouge @ ~~363~~ 366
						no faults
						58.8 – 60.2 = zone strongly broken with gouge mainly at 58.8 and 60.2 separated by rubble.
						60.2 – 64.1 = ~intact to a little broken
						64.1 – 66.5 = v. broken w 20cm of BND gouge at 64.1 !
						66.5
						66.5 – 76.8 = ~intact to a little broken
L	76 8	78 3		3	SDO	(SBO) v minor
						sharp contacts sub // S_2 – w. qtz calcite bands otherwise homogenous – intact.
L	78 3	89 8		4	SBO	(SDO) tr v. minor 8, in SBO → 8 v. minor (SDO) trace
						SDO 10cm @ 78.9
						starting to get sporadic occurrence of green mineral in lithons. py porphs > po porphs & some mixed intact
L	89 8	91 0		5	SDO	(SBO) 60:40

intact – SD in bands ~2m at top
0.1 m interval.

which is how it should be!

C.A.M.C. 1981 – E – 3A

DDH FAGA101

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug/83 Logged By: LCP/GAS

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	90	104		6	SBO	minor 8 →
						intact
						v. minor gouge @ 103.5 ± 97.7
						5cm SDO at 94.3 at 4cm at 92.9
						Limit SB80 at EOI above SC
L	104	105		7	SCO$	minor
						green with fine grained aphanitic texture —
						lower contact is sheared and at 15°/000° upper
						drilled away (115½?)
						intact — see above for green alt'n which is not
						present at base.
L	105	119		8	SBO	(SB80)
						SB80 in last portion 117.3 – 119.8 as zones ~20cm
						thick — definite green on cut surface and lighter
						grey on foliation → may be due to proximity to underlying
						fault
						minor py porphs after py.
						105.2 – 111.0 ≈ intact minor gouge at 109.5
						111.0 – 115.8 broken with ~10 cm gouges at 111.0, 111.7,
						112.1, 113.5, 115.5 115.7 (all IND)
						115.8 – 119.8 = intact → little broken.
						At 115m start to get fine crackle veinlets of grey
						calcite usually at small ∠ to CA – most v/fs
						<5 cm long not great tension gashes but that idea

SCO = magnesium

DDH EAGA101 (2 – 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug 83 Logged By: LCP/GMS

Code	From	To	Recov.	No.	Unit	Description
1	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L	119.8	120.9		9	BXA	of SB - SD
						clasts of 1000# and SB + SD in rock flour to
						sand matrix which is non calc.
						dark grey.
						upper contact drilled away lower contact is also IND
						sheer foliation at ~55° many post BXA fractures
						at ~20° ↖ clast elongation
						core is intact
L	120.9	136.4		10	SBO	
						last 30 cm → to SB20
						overall fewer lithons than above
						both py + po porphs
						core is broken but ± intact to 134.5 except for
						gouge at 122.9 – 123.5 upper portion is rubbly
						with strong fracture at 30° to CA while lower
						portion is IND gouge.
						134.5 – 135.2 = strong kinking fracture at 25° to CA which
						locally causes rubble [i.e. a fracture sub parallel to
						axial plane of kinks in S_2]
L	136.4	136.8		11	SDO	
						last 20 cm broken w/ small gouges IND
						small fault at 38° to CA at EOI
L	136.8	141.3		12	SB20	→ downhole to SBO →
						S_2 32 → SBO at 137.9
						poorly developed lithons due to increased shearing and 1000#
						veins. much broken core rubble & gouge. core is incipient
						fault bxa → crackle bxa. [see below]

C.A.M.C. 1981 – E – 3A

TOI → 139.5 = broken core, small gouge at 137.9
139.5 → EOI = gouge with rubble and short sections of core most of which is 1000# in gouge

DDH EAGA101 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug 83 Logged By: LCP/GAL

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	141 3	147 7		13	SBO	(SDO) ≈ 95:05
						~~rock~~ is sheared along S_2 (folia are wavy and irregular and its not generally possible to trace layers from lithon to lithon) and grades into a fault breccia of [crackle] bxa (not to be confused w/ crackle veinlets) locally in place
						core more or less intact, good recovery, 10 cm gouge at 145.0 -
						TOF - 145.1 is v. broken
L	147 7	154 9		14	SB6$	± 2 SB6$ = 70% SB6$2 = 30%
						± 2 above 153
						core is broken to rubbly locally no gouge.
2.6						147.2 - 149.8 have 0.8 m core loss
0.9						149.8 - 153.0 have 0.9 m recovered - mislatch at 153
3.5 5.8						
L	154 9	161 5		15	BXA	
						10% clasts to stringers and phyllite, SB62 clasts ± SD4$ clasts in generally dk grey non calc locally pyritic matrix
						SD4$ in larger clasts to 10 cm thick, 10% generally as augen < 1 cm.
						upper contact @ 42° lower contact ~58°/090 (??)
						gouge 156.9 - 157.4 otherwise core ≈ intact.
						internal shear fabric ~ 70 - 45
						EOT uncertain because of possible large fragment problem.
L	161 5	163 7		16	HLG	weak → SB64 (SD4$) (SB6$)
						Gltn associated with faulting(?) - pale creme green phyllite with stdt red oxides on foln. & on xcutting fractures minor ± local gtzose bands. Lithologic contacts sharp, locally transitional
						no fault been noted some gtz ± calcite crackle veining, thin lenses to pods of 10% along foliation
						intact.

DDH EAGA10L (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Page 7 of _____

Date: 12 Aug '83 Logged By: LCP/GAS

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1163 7	1165 7		17	SBBP	1 (SO4$) Minor 95:5
						1= abnormally abundant quartz bands
						this unit is still grey unlike overlying unit
						looks sheared // S2 with crackle veining overprint -
						no fault bxa
						intact-
L	1165 7	1167 2		18	BXA	
						dark grey to mer black with qtz augen and phyllite clasts
						mostly 1-5 cm long but larger clasts 10-40 cm thick
						core is a little broken with minor rubble in middle of unit.
						upper contact ~50°/100°; internal shear fabric is 30-60°
						lower contact 45° to CA.
L	1167 2	1169 2		19	3610	±9
						med dark grey w/ v. slight green tinge w/ no qtz use bands moderately
						soft. - not FOV
						intact
L	1169 2	1169 7		20	4L2	
						py as small stringers X cutting foliation
						intact, upper & lower contacts sharp - probably
						fault related alteration but ? able
L	1169 7	1170 7		21	3611	±9
						harder than unit #19 - upper portion of unit is darker grey
						intact
L	1170 7	1171 9		22	4L2	weak B
						intact
L	1171 9	1172 8		23	360	

upper contact sharp w/10° ∧ lower gradational over 10-15 cm - core is intact

DDH FAGA101 (2–8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug 83 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	172	174		24	HL76	?
						qtzose bands/lithons w. dark green mineral (maybe amphibole?)
						micaceous bands are pale green creme.
						py/po ± qtz ± carbonate(@?) stringers up to 10cm thick sub // S_2 intact
L	174	176		25	3G01	±9
						med dk grey to v dark grey / moderately soft
						minor qtz py veins ~ // S_2
						intact to a little broken
L	176	177		26	HAP1	[SA19]
						moderately to very broken – good recvy
L	177	179		27	4E48	± 1 local porous
						est 8% Pb+Zn
						broken, local rubble, good recvy, no faults
						lower contact irregular
L	179	190		28	4L62	± 7 minor
						S^2 as stringers sub // S_2 locally crosscutting.
						protolith probably 3G as no lithons just soft med grey green phyllite (viz [3G48 ....])
						core is broken local minor rubble to incipient gouge – no core loss – no major faults.
L	190	195		29	4L01	±3 ±6 (1090 chl)
						some foliation slippery or soapy (talc?)
						±6 is 190–190.3 which is 4L0 as above.
						1090 chl as 10 cm bands sub // S_2 –

no S^2 bearing stringers
intact to 194.2 and rubbly to v. broken below that no good gouge

DDH FAGA 10 1 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug 83 Logged By: GM/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	195.6	205.1		30	360	±9 → to 369 down hole.
						195.6 – 201.0 is mod to v. broken
						top 30 cm is fault bxa. with shear foln @ 50°
						201.0 – 205.1 = v broken core with gouge abundantly (IND)
						local fault bxa at 40° to CA.
L	205.1	210.3		31	BXA	
						black, non calc clasts of qtz, pyritic matrix
						upper contact IND in gouge. shear foln internally
						at 70° and cut by fracture at 30°
						205.1 – 208.2 = rubble & broken core with ~20 cm gouge
						at top.
						208.2 – 210.3 = gouge with rubble of fault bxa.
L	210.3	234.2		32	HLRG	weak S(?)
						S = ank or siderite?
						generally pale green to grey green phyllite with pronounced
						red weathering along S_2 folia and along crackle
						veinlets x cutting S_2 and as small specks in
						altered portions between S_2 folia
						py along both S_2 folia and x cutting fractures fine/blebs.
						From 213.5 to 217.3 rocks are dark grey with
						py stringers locally to 30% over 20 cm – also local
						fault bxa in this interval.
						Below 217.3 is no fault bxa but HL is crackled with
						the veinlets noted above. = intact
						227.6 – 228.2 = gouge u/c contacts @ 30° to CA upper
						has slicks raking ~20°

T/C CONDUCTOR?

last 4 m are greyer; last ½ m with 20 cm fault BXA → 364

DDH FAGA101 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug '83 Logged By: LCP/GAS

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	234.2	235.9		33	BIXA	
						1/2 dark grey to black, non calc. soft (rock flour?) matrix
						234.2 – 235.4 is rubble and gouge – gouge in last ½ and lower is @ 60°
						internal shear foln at 70° with cross cutting fracture at 40°
L	235.9	240.3		34	BXA	
						red instead of black – upper part of unit is grey and derived from grey phyllites by 237m core weathers red as unit #32 but is still a fault BXA which could be derived from granite with wisps of carbonaceous rx – resembles the lowest fault bxa in A86 but more possible sheared granite
						Shear foliation at 60° ± 10°
						intact
L	240.3	241.8		35	BIXA	
						red weath fault bxa w/qtz clasts as above but here is moderately to strongly calcareous
						Shear foln ~ 70° ± 10°, relatively intact
L	241.8	245.7		36	BFIO	
						dark green (diopside or actinolite) with zones to 10 cm thick which are dominantly calcite (<10% of unit)
						minor biotite with green calc silicates
						intact – not a fault bxa but shows strong foliation and banding?
						244 – 244.3 is IOBQ w minor tourmaline(?)

C.A.M.C. 1981 – E – 3A

DDH FAGA101

Cyprus Anvil Mining Corp.
Lithologic Log

Date: 12 Aug '83 Logged By: LCP/GAS

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	245.7	246.5		37	10AB91	10AB91
						possible tourmaline – v. strong ribbon str with foliation augen intact
L	246.5	251.5		38	3DIF	
						medium dull green (diop + bio + calcite) very calcareous calc silicates, some pink mineral may be garnet or maybe even rhodonite
						248.3 – 249.3 is rubble and incipient gouge 1/2 otherwise intact
L	251.5	269.7		39	10AB91	– 10AB91
						no mafics left – good ribbon str texture with altered plag augenclasts. – local 2–3 cm mylonite zones 262.6 & 262.8 @ 70°
						broken to rubbly, good recvy, no gouge.
						same as end of A86.
						EOH

DDH FAGA101 (2 metres 8) **Cyprus Anvil Mining Corp.** Page 12 of _____

Structural Log Date: _____ Logged By: LCP/GAJ

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct		Description
	10 14	16 20	22 24	26	28 32	34 38	40 44		
S		66	PS2				65	2310	
S		123	CS2				74		→ PS_2
S		213	CS2				68		→ PS_2
S		298	CS2				75		
S		357	CS2				73		
S		440	CS2				84		
S		511	CS2				78		
S		564	CS2				80		
S		645	CS2	D			74		
S		728	CS2				77		→ PS_2
S		805	PS2				62		→ CS_2 00/020 = CS_{2am} varies to 20/150 → 20/000
S		866	PS2				82		
S		940	PS2				78		→ CS_2
S		1007	PS2				75		→ CS_2 62/080 = post S_2 crenulation = CS_{2am}
S		1085	PS2				77		
S		1130	PS2				78		
S		1183	PS2				75		
S		1240	PS2				85		
S		1267	PS2				87		
S		1334	CS2				82		→ PS_2
S		1390	PS2				74		
S		1467	PS2				58		or "dismembered CS_2" ≡ "sheared CS_2"
S		1545	PS2				80	2310	
BXA		1606			77				irregular foln in fault BXA = S_0
BXA		1559			72				"
BXA		1548							32/330 = flat at top of BXA zone
S		1622	PS2				71	2310	
S		1687	PS2				47		
S		1746	PS2				45		
S		1811	PS2				71		
S		1871	PS2				80		
S		1927	PS2				81		
S		1991	PS2				00		
S		1995	PS2				15	2310	
BXA		1994			48				S_0 = v. weak fracture cleavage
BXA		2067			52				"shear foln" = S_0 in filt BXA

what is the meaning of this foln? delete

C.A.M.C. 1981 – E – 4

DDH FAGA101 (2–8) **Cyprus Anvil Mining Corp.** Page 13 of _____

Structural Log Date: _____ Logged By: _____

Code (1)	From (10–14)	To (16–20)	Feature (22–24)	Sym (26)	S_0 Dip Direct. (28–32)	S_1 Dip Direct. (34–38)	S_2 Dip Direct (40–44)	Description
S		2123	CSZ				80 2310	
S		2179	PSZ				81	
S		2228	PSZ				85	
S		2326	PSZ				66	
S		2434	PSZ				70	comp banding // to a cleavage = PS_2?
S		2491	PSZ				66 2310	//
S_0		2520			77			ribbon qtz banding in granitic rx = S_0
S_0		2584			68			//
S_0		2636			76			//
S_0		2690			70			//

DDH FAGA.101 (2 … 8) Cyprus Anvil Mining Corp. Structural Log — FAULT

Page 14 of _____ Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
		363	1G					
		366	1G					
	1588	602	8RG					
	1641	665	3BG					
		1035	1G					
		977	1G					
		1052	S			15 0,00		
		1095	1G					
	1110	1158	B1G					
	1198	1209	FX					
	1229	1235	GR					
	1366	1368	B1G					
	1368	1395	B					
		1379	1G					
	1395	1413	GR					
	1413	1477	S1X					
	1413	1451	3B					
	1477	1549	B1RG					
		1530	M					
	1549	1615	FX				58 090	
	1569	1574	G					
	1637	1657	S					
	1657	1672	FX		50 1,90			
	1768	1778	3B					
	1778	1791	R					
	1791	1903	B1G					
	1942	1956	R3B					
	1956	2010	2B					
	2010	2051	3BG					
	2051	2103	FX					
	2051	2083	RBG					
	2083	2103	GR					
	2135	2173	1FX					
	2276	2282	G					
	2302	2342	1FX					
	2342	2359	FX					

2342 2354 RG

C.A.M.C. 1981 - E - 4

unit 33 completed start on #34

FAULT

DDH FAGA101 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page 15 of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	121315 9	121410 3	FX1					fault bxa - possibly cleaved granite
F	121410 3	121418 3	FX1					fault bxa w/ qtz clasts - calcareous
F	121418 3	121419 3	R1/G			919 9199		rubble & incipient gouge 115_2
F		121626 D1						local mylonite zone
		121628 D1						local mylonite zone
F	121511 5	121619 7	B1/G					broken to rubbly - good recovery

C.A.M.C. 1981 - E - 4

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

EA 79 TO1

Hole Number: 79 Tie -01

Project: ANVIL

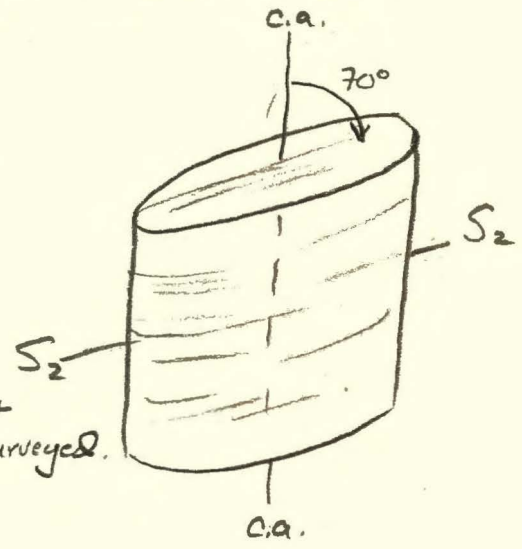
Location: Vangorda Plateau (F-6)

Claim: WHI 23 (Tie)

Terr. ~~Plane~~ UTM Co-ords.: 6 905 890 N
590 885 E
not surveyed.

Grid Co-ords.: L 40 W 5+00S

Fabric Orientation Diagram:



All symmetry determinations looking

NW with S_2 dipping

SW with dip azimuth 185 change to 230°

Elevation: 1292 m not surveyed

Total Depth: 288.9 m

Purpose: SE dipping 5A; Grum Deposit Continuation (various geophysics bullshit)

Logged by: DST Date(s) Logged: 21, May, 1979

Drilling Contractor: Arctic

Core:	Size	From	To
	NQ	0	288.9

Collar Cased and Capped: No

Started: May 15, 1979 Completed: _____

Cyprus Anvil Mining C).

Diamond Drill Core Log

DDH 79TIE01
2 8

Code	Drillhole	Elevation	Northing	Easting	Comments
1	2 8	10 16	17 24	25 32	34 48
T	79TI1E01	112912.10	9105181910.10	5910181815.10	RFE 1151 1512

EA79T01

not surveyed

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	79TI1E01	0 0	180.0	9.0	AT COLLAR
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	
R		.	.	.	

Code	Drillhole	Comments, Errant Remarks, Snivellings and/or Lewd Suggestions
1	2 8	10 47
		USE 230 FOR DIP AZIMUTH =
		POSSIBLY SURFACE ORIENT 1151 185°

DDH 79TIE01 (2 … 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: DSJ

Code	From	To	Unit	Code	Description
1	10 … 14	16 … 20	22 23	25 … 27	
L	100	159	1	#	O/B
L	139	8556	2	5B0	Normal, calc. 5B; fairly uniform over interval w/ some variation in $CaCO_3$ content no 5B6 a interlanded 5B7/5D
L	8556	8599	3	5D3	w/ lg OQO pods (dominant over interval)
L	8599	9377	4	5B0	as unit 2
L	9377	9400	5	5D3	
L	9400	9899	6	5B0	
L	9899	10222	7	5B4	
L	10222	13148	8	5B0	variable $CaCO_3$ content; middle sect. wkly calc.
L	13148	13522	9	5D3	
L	13522	15550	10	5B0	highly calc. but not 5E i.e. <50% $CaCO_3$
L	15550	15544	11	5B7	→ 5B73
L	15544	19900	12	5B0	as unit 10
L	19900	20448	13	5A0	→ 5A*; heavily deformed graph. phyll. w/ flattened & rotated, non-sulf.-bearing qtzite frags, forming up to 35% of rk; minor 5D/5F interbands; does not show cl. dull olive drab condensed "tuff" bands c.f. typical 5A*; qtzite content → proximity to Crum Exhalative center???
L	20448	21197	14	3G9	completely interbanded sequence of non-calc., musc-chlor phyll (3G), var. carbonaceous interlaced w/ lt. to med. yellowish green gray non-calc musc>chlor to chlor≥musc phyll (3B); one wonders if this would be calc-silicates (3D) @ higher grade; c.f. units in base of 77X-07 & GAJ's 1975 "calc-silicates" in 3G of Surim area
L	21197	21334	15	3F0	typical 3F as seen in ocp. on road nr. KA quarry minor 3D interbands
L	21334	21414	16	3G0	→ 3G3 lt. yellowish greenish gray musc>>chlor. phyll. w/ prom. musc-rich unevenly spaced S; crenul. fol'n surfaces; minor garnets; c.f. bands in unit 14 some calc. portions; not 5B
L	21414	21441	17	3F0	as unit 15
L	21441	21462	18	3G0	as 16; qtz & felds clasts??/boudins??

DDH 79-TIE01

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: DST ↑KNOB↑

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
2	2416 2	2513 2	19	3G0	as units 16 & 18 only w/ pronounced crackle "clots" (foliaform) and white felds (?) clasts (?) & porphs.; units 16, 18, 19 & part of 14 may be metam. xl. tuffs — speculative
2	2513 2	2559	20	3G0	as unit 19 w/ 30% interleaved, foliaform to slightly discordant (felds/pegs?) pegmatites
2	2559	2620	21	3G0	coely xlline musc-bio-gar schists as units 19 & 20; strong lenticular, foliaform nature of bio. clots; garnets "snowballed"
2	2620	2889	22		very variable sequence of bio-qtz. monzos & pegmatites of Anvil Batholith (early, foliated, "muscovite" phase); contact w/ 3G schists is sharp but foliated & // to S_2; it appears that border "rind" of batholith is S_2 foliated here

DDH J.L.E.79-71 (2 / 8)

Cyprus Anvil Mining Corp.
Structural Log

Logged By: D S J / B V H

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
	10 14	16 20	22 24	26	28 32	34 38	
S		170	C S 12			814 / 1815	Use 230 instead of 185
S		1178	C S 12			813 / 1815	
S		1176	C S 12			710 / 1815	
S		1234	C S 12			710 / 1815	
S		1292	C S 12			712 / 1815	
S		1351	C S 12			618 / 1815	
S		1410	C S 12			715 / 1815	
S		1480	C S 12			715 / 1815	
S		1543	C S 12			717 / 1815	
S		1602	C S 12			80 / 1815	
S		1659	C S 12			715 / 1815	
S		1711	C S 12			810 / 1815	
S		1766	C S 12			713 / 1815	
S		1850	C S 12			710 / 1815	
S		1937	C S 12			711 / 1815	
S		11005	C S 12			810 / 1815	
S		11060	C S 12			715 / 1815	
S		11123	C S 12			810 / 1815	
S		11180	C S 12			710 / 1815	
S		11253	C S 12			812 / 1815	
S		11316	C S 12			615 / 1815	
S		11395	C S 12			810 / 1815	
S		11488	C S 12			615 / 1815	
S		11627	C S 12			810 / 1815	
S		11682	C S 12			710 / 1815	
S		11759	C S 12			712 / 1815	
S		11823	C S 12			718 / 1815	
S		11883	C S 12			619 / 1815	
S		11944	C S 12			715 / 1815	
S		11990	C S 12			610 / 1815	
S		12061	C S 12			615 / 1815	
S		12112	C S 12			715 / 1815	
S		12190	C S 12			612 / 1815	
S		12249	C S 12			419 / 1815	
S		12310	C S 12			813 / 1815	
S		12371	C S 12			715 / 1815	

DDH T.1.E.7.9.-1 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Logged By: D.S.T/B.V.H

Code	From	To	Feature	Sym	S_1 Dip Direct.	S_2 Dip Direct.	Description
1	10 14	16 20	22 24	26	28 32	34 38	
S		12143 2	C1S12			510 1185	
S		12149 3	C1S12			618 1185	
S		12155 3	C1S12			614 1185	
S		12161 5	C1S12			710 1185	
							END OF HOLE

LOGGED IN TERMS OF MM GRADE AND SCHIST-PHYLLITE TRANSITION

DDH 79TIE01 (2 … 8)

Cyprus Anvil Mining Corp

Page 1 of

Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
	10 6	15 9	1 1	1#	OVERBURDEN
	15 9	1813 8	1	5B10	Boring sequence of 5BO with 2 small bands of 5D3. light grey color, variably laminated, variably calcareous.
					Po first noted as disseminated grains at 51 M. Above 51 M Py only
					Po mantling Py at 151.8 M
					Py still present at 164.9 M as small grains.
	1813 8	1919 0	1	5B10	5BO starts to contain abundant small tension fractures filled by white calcite and/or quartz. These are at an acute angle to the core axis lower part of interval – start to see augen of qtz in phyllitic matrix. Strong crenulation cluge is widely spaced. – Augen are more completely formed along this crenulation cluge. High angle tension gashes & filled fractures appear to crosscut augen & flow associated with augen without major disturbance of fractures
	1919 0	21014 0	1	5A1*	Qtz & calcite augen clasts in a black carbonaceous phyllite matrix. Clasts form eyes in the dark matrix. Interval contains thin bands of light green phyllite – these appear as coherent blocks in the more dismembered black phyllite. Augen are elongate in S2. light green to grey phyllite is qtz rich.
					Upper part of interval – core more coherent than lower part.
	21014 0	21197	1	3G	Variably laminated green-grey phyllite. Not extensively fractured compared to sections just above the 5A* Contains minor interbands of pale greens, variably calcareous, tuffaceous metasediments. Still phyllite – has not coarsened to a schist. Green so still chloritic

DDH 79TLE01 (2 / 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: LCP

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
	121197	121313 4	1	31F	Medium-grained grey marble. Contains bands & lenses of silicate mineralogy. These bands are commonly partially disrupted from deformation 227.3M first appearance of purplish biotite in silicate assemblages. Assemblages above this level are pale green – chloritic Silicate lenses are disrupted by late fractures – at acute angle to core axis Biotite not ubiquitous as go deeper. Still have chloritic assemblages. In some cases these look paler in color (possible retrograding ??)
	121313 4	121411 4	1	31G	Green schistose phyllite Sections immediately below 3F is calcareous. Appears to contain biotite augen in 52 fltn. Biotite augen look smaller – are difficult to see – as progress downward in core Possibly chlorite from retrograding ?? Fractures filled with biotite? Rocks more extensively fractured – more augen present – as go lower in section
	121411 4	121414 1	1	31F	Very argillaceous marble. Abundant lenses of silicate assemblages. These are very elongate in fltn Marble is fine-grained, flinty Section has undergone extensive strain & recrystallization Silicate assemblages are cream to pale green Chloritic Biotite not visible
	121414 1	121416 2	1	31G	Green chloritic schist/phyllite Contains garnet + sparse biotite augen. Ots & fldspar eyes in micaceous matrix. More coarsely crystalline than phyllite Possibly bt-gnt grade retrograded back to chlorite
	121416 2	121513 2	1		Abundant biotite augen in fltn Coarser schist Assemblage consists of bt-gnt-chlor-musc-qtz-fldspar?

DDH 79-T-1E-01 (2 of 8)

Cyprus Anvil Mining Corp

Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					Amt of biotite varies inversely with amt of chlorite — from sparse chlorite to abundant chlorite. Gnt forms numerous small grains. Chlorite disappears from the assemblage below 251.1 M. Rock turns off-white from muscovite.
	12513 2	12515 9			Coarse bt-gnt schist interbanded with "pegmatite's. Pegmatite consists of qtz-fldspr-muscovite-sparse gnt. Schist enclosing pegmatites is bleached to cream white — biotite is gone. May be some small newly formed biotite. Gnt remains looking wholesome. Schist biotite appears to contain fibrolite.
	12515 9	12612 0			Coarse gnt-bt-musc-fldspr schist. Gnts larger than previous sections. Gnt surrounded by biotite rim. Biotite appears to contain fibrolite. Fldspars also form coarser augen than seen previously. Section right next to intrusion is bleached — biotite is gone. Fldspr & gnt are rotated. - Snowball. New growth biotite also present.
	12612 0	1E101H			Intrusive. Basic rock is fine-grained biotite qtz diorite. Slightly porphyritic. Bleached zones with no biot. In some cases bleached zones enclose a qtz-biot vein. Intrusion crudely foliated // fltn in schist. Qtz biot vein consists of "new" biot — unfoliated — later than mm biot in schist — probably corresponds to "new" biot in schist.

TIE-79-01

FAULT FILE

DDH EA79T01 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	11919 0	12014 8	FIX1					BXA – TIE CONDUCTOR.
								qtz & tuff augen in black
								sheared, carbonaceous matrix
F	12141 1	12141 6 2	FIX1			919 91919		Qtz & feldspar clasts. ?

C.A.M.C. 1981 – E – 4

Translated

DDH EA.79.T0.1 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1 1 0 0	1 1 5 9		1 1	1 # 1	O/B
L	1 1 5 9	1 8 5 6		1 2	1 5 B 1 O 1	
	1 8 5 6	1 8 5 9		1 3	1 5 D 3 1	(10 Q O)
	1 8 5 9	1 9 3 7		1 4	1 5 B 1 O 1	
		1 9 4 0		1 5	1 5 D 3 1	
		1 9 8 9		1 6	1 5 B 1 O 1	
		1 1 0 2 2		1 7	1 5 B 1 6	
		1 1 3 1 4 8		1 8	1 5 B 1 O 1	
		1 1 3 5 2		1 9	1 5 D 3 1	
		1 1 5 5 0		1 1 0	1 5 B 1 O 1	
		1 1 5 5 4		1 1 1	1 5 B 1 7 1	→ 5B73
		1 1 9 1 9 0		1 1 2	1 5 B 1 O 1	
		1 2 0 4 8		1 1 3	1 B X I A 1	[5AO → 5A* (5D, 5F)]
		1 2 1 1 9 7		1 1 4	1 3 G 9 1	(3B_)
		1 2 3 1 3 4		1 1 5	1 3 F 1 O 1	BIO (3D_)
		1 2 4 1 1 4		1 1 6	1 3 G 1 O 1	→ 3G3 BIO, GAR.
		1 2 4 4 1		1 1 7	1 3 F 1 O 1	
		1 2 4 6 2		1 1 8	1 3 G 1 O 1	BXA? [1DO] BIO, GAR.
		1 2 5 3 2		1 1 9	1 3 G 1 O 1	[1DO] BIO, GAR.
		1 2 5 5 9		1 2 0	1 3 G 1 O 1	[1DO] (10CO-pegmatite) BIO, GAR, SILL
		1 2 6 2 0		1 2 1	1 3 G 1 O 1	[1DO] BIO, GAR, SILL
		1 2 8 8 9		1 2 2	1 0 1 A B 1 7	5 (10CO-pegmatite)

C. A. M. C. 1981 – E-3

CYPRUS ANVIL MINING CORPORATION Page 1 of ____

DIAMOND DRILL CORE LOG Date: _____

Hole Number: 4567509

Reference Fabric Orientation Diagram:

Project: VANGORDA PLATEAU REMAP

Location: VANGORDA PLATEAU

Claim: TIE

Terr.Plane Co-ords.: 6905787.0 N measured from 1979 1:5000 Orthophoto

591302.0 E

Grid Co-ords: L116W / 1+00N (KA grid)

-90°

All symmetry determinations looking

Elevation: 1303.0 m.

NW with 52 dipping

Total Depth: 524.3m

SW with dip azimuth 230°.

Purpose: Test extension of Grum Deposit onto TIE (assessment)

Reason hole Terminated: bit balled

Logged by: LCP / GAS

Date(s) Logged: Aug 1984

Drilling Contractor: ARCTIC

CORE Size	From	To
BQ		524.3m

Collar Cased and Capped: ____

Hole Cemented: _____

Steel down hole: _____

Started: APRIL 20/'75 Completed: May 3/'75

Cyprus Anvil Mining Corp. Page 2 of _____

DDH 45675019 (2 . 8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E	
	2 8	10 16	17 24	25 32	34 39	41 42	
T	45675019	1303.10	9057871.0	519/3021.0	FEET	512	

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
	2 8	10 14	22 26	28 32	34 56
R	45675099	100	181°0	9°0	AT COLLAR
R	45675019	1601.0	171°0	131°0	ACID TESTS (-) AZIMUTHS
R	45675019	1901.0	167°0	131°0	FROM FAIR 1614
R	45675019	1720	177°0	142°0	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
	2 8	10 56

DDH 456.7509 (2 – 8)

Feet.

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: LCP GAJ

Code	From	To	Recov.	No.	Unit	Description
	10 – 14	16 – 20	22 – 24	26 – 28	30 – 34	35
L	0	21		1	#	Overburden – no recovery
L	21	189		2	SB0	
						mod soft, well lithified, mod – very calc, med grey to med light grey, phyllite Typical SB0 with coarse quartz calcite bands – fine grey noncalc phyllitic bands and intermed size/compn bands
						euhedral porphs of py and po after py – rectangular outline Locally with pressure shadows of qtz-calcite – Po & py in separate porphs and subequal abundance. No green mineral in coarse bands
						21–27 rusty orange brown surficial weathering core essentially intact with a few minor poker chippy zones of "Tuning gauge at 56' = IND
						157'–167' 6 1' of nibble recvd
L	189	195		3	SB3	
						medium to med light grey PS_2 foliated mod soft very calc phyllite –
						Consists of thickly laminated mod soft calc bands sep. by thin lamina of dk grey soft micaceous bands which are non calc.
						No porphs noted, Intact
L	195	197		4	SB6?	
						mod soft, PS_2 foliated, non calc dolomitic med grey phyllite Dolomitic bands weath tan brown
						No porphs noted last 6" = qtz vein –
						dolomite altn related to next unit – Intact

C.A.M.C. 1981 – E – 3A

DDH 456-7509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: LCP/GNJ

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	197.0	211.0		5	SB6	±$ BXA
						non calc, locally dolomitic, med grey to med dk grey, mod soft. gouge and fault bxa - Largely incip gouge - gouge to 204' - 204-211 = rubble of grey fault rock with clasts of ~~grey~~ calcite veins & grey phyllite in grey non calc rock flour matrix
						197-211' = 4½' of core recvd.
						197-204 = 3' " " "
						204-211 = 1½' " " "
L	211.0	215.2		6	SB6$	
						mod soft, med grey non calc dolomitic PS_2 foliated to slightly lithoneal Phyllite
						Typical banding for SB but dolo gtz not calc-gtz - not lithoned not banded
						Presumably related to fault above -
						Some crackle bx a at 20° to CA
						No porphs seen.
L	215.2	220.0		7	SB10	
						med grey PS_2 foliated to mod. lithoneal mod soft calcareous phyllite
						No porphs after Pyrite no green mineral developed in coarse calc+gtz bands.

DDH 4567509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	220	2222		8	SBP	BXA
						med grey, mod soft to mod hard non calc to slightly calc locally fault rock with qtz calcite & phyllite clasts in a locally slightly calc grey rock flour matrix
						upper contact drilled away
						lower contact 11 to qtz vein at 25°/100
L	222	374		9	SBQ	
						med grey, mod soft, well lithoned, calc phyllite Typical SBQ.
						Pyporphs and po porphs po slightly greater than py no mixed.
						No green mineral in calc qtz bands.
						Core intact to 311'
						313 - 320 mod to strongly broken local rubble & incip gouge
						320 - EOI essentially intact
L	374	4365		10	SBP	(SDO) 95%
						med grey mod soft mod to well lithoned calc phyllite distinguished by having thin interbands of homogenous 5% foliated calcareous yellowish green chlorite phyllite. Contacts 11 5 Bands are 1 cm - 10 cm thick
						Intact
						py and po porphs - some porphs have both py + po - qtz calc bands locally have minor amount of dull med green mineral noticeable on wet cut surface.

C.A.M.C. 1981 - E - 3A

DDH 456750S
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	4386 S	4400 S		11	SBP	
						typical colour, text & calcite content, lithomed to PS, foliated, intact
L	4400 S	4689 S		12	SBG	
						med grey, mod soft, noncalc PS, foliated to mod lithomed phyllite - not dolomitic
						Contains gtz-se bands with no carbonate - less than typical amount of gtz bearing interbands of SBG ∴ can see banding within phyllitic portions in shades of grey.
L	4689 S	4810 D		13	SBQ	
						mod soft calc mod lithomed med grey typical SBQ
						Core is mod to strongly broken.
						470' - 477' = 2' recvd.
						477 - EOI = intact
L	4810 D	4866 D		14	SBGP	
						med grey, mod soft, mod lithomed non calc dolomitic phyllite - gtz-se bands with dolo wash light tan brown color
						no porphs seen
						Core Intact to mod broken - no fault to relate dolo to! - original dolo??

DDH 4567509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	4860	7695		15	SBD	
						mod soft, med grey, mod lithoned, calc phyllite
						Both Py ± Po porphs – no mixed seen – roughly equal Py : Po.
						no major amount of green mineral in qtz carbonate bands
						intact to 585'
						585 – 587.5 = gouge, incip gouge, lower contact 11 S2 (artifact)
						Upper contact against qtz vein. ± is IND
						587.5 – 760.5 = intact except 707 – 708.5 is poker chippy
L	7695	7635		16	SBG±	
						typical SB texture with tan weath qtz dolo bands instead of qtz calcite bands – Core poker chippy but no significant faults.
L	7635	7800		17	SBD	
						mod soft med grey mod lithoned calc. phyllite. Intact
						Both Py ± Po porphs – more Py than Po in this interval
						no mixed seen.
						no major green mineral in calc bands.
L	7800	7940		18	SBG±	± 0
						med grey, mod soft, dolomitic mod lithoned phyllite –
						Some intervals have calc. to dolo. – Dolo weath to a tan brown. Core mod bkn to 784'. No porphs seen

784 – 785' = incip gouge
785 – 788' = intact to mod bkn
788 – 789 = rubble incip gouge ± gouge. Steep calcite filled fract at 20° to core axis breaks on a fracture at 50° to CA in opposite direction
789 – 794 = intact

DDH 4.5.67.5.0.9.
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	794	1040		19	SBO	(SDO) trace.
						med grey mod lithoned, mod soft, calc phyllite
						At 854' have 8cm of med Xln blue grey
						calcite mbl.
						Porphs of pyrite and porphs of po. po > py
						no mixed porphs seen.
						Locally get minor amounts of med green mineral
						in gtz carbonate bands but not obvious
						Core is intact to mod bkn to 886'
						886-888' = poker chippy local rblle + incip gouge
						888 - 1040 = intact
						minor S_2 // SDO bands 3cm thick one at
						984.5' other at 1028'
L	1040	1043.5		20	SDO	(SBO) 70:30
						yellowish green, psS_2 foliated, calcareous chl phyllite with S_2 //
						bands of coarse calc+gtz.
						Minor fuchsite blebs.
						Int banded to interlaminated with SBO grey phyllite
						intact
						no porphs seen
L	1043.5	1059.5		21	SBO	
						med grey, mod soft, lithoned, calc phyllite. Minor med green
						mineral in coarse gtz calcite bands but not obvious - have to
						look for it.
						Mainly Po porphs - flat elongate in S_2 - slightly more irregular
						in outline than above
						Intact

DDH 456.7509 (2 / 8)

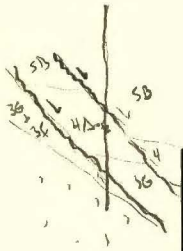
Cyprus Anvil Mining Corp.
Lithologic Log

Page 9 of _____

Date: Aug 84 Logged By: LCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1059.5	1066.5		22	SBZO	
						mod dk grey, mod soft calcareous PS_2 foliated to moderately lithoned phyllite
						Slightly darker grey than overlying unit - upper contact gradational.
						1 small chert nodule
						po porphs
						Core is poor chippy overall ± 1063 - 1064 is rubble due to breakage along fractures at 20° to CA
L	1066.5	1075.0		23	SDO	(SBO) 80:20
						PS_2 foliated mod soft yellowish green calc chl musc phyllite - minor bright green fuchsite spots - both coarse "beady" qtz calc bands and finer med grey calcareous lamina.
						Interbanded with SBO on cm to 10cm scale.
						S_2 foliation silvery light olive green on SD (SB are typical steely grey)
						Mod broken to intact
L	1075	1050		24	SBO	± 2 minor
						PS_2 fol to locally lithoned - calcareous med grey to med dk grey Phyllite - Py with irregular outlines assoc with qtz calcite veins - no good porphs.
						Intact

C.A.M.C. 1981 - E - 3A



DDH 4567509
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	10810	10835		25	SDP	(SBO) 60:40
						calc med soft yellowish green PS_2 foliated chl phyllite - both lamine types and fish spots as #23 in SD
						Most SD in upper portion of unit. SBO in bottom
						Lower contact last small (2cm) band of SDO
						Intact
L	10835	12121		26	SBP	
						med soft calc. med grey med lithoned typical SBO
						1204'5" = SD band - 5cm thick
						Dominantly Po porphs a few Py and some mixed with
						py going to PO.
						Intact to 1155'
						1155-1171' = med to strongly broken, local rubble & minor gouge zones - 11 S_2 recvy ok - minor fit
						1171-1221 = intact
L	12121	12337		27	SBO	(SDO) 80:20
						SD as 1-20 cm bands - olive green PS_2 fol - thin bands, calc lamine and thicker calc qtz bands. - sharp contacts 11 5; and
						locally S_1 ?
						SB well lithoned, med grey & calcareous
						1py and 1po porph mixed
L	12337	12670		28	SBO	
						mod well lithoned, typical SB texture - The lithons here are
						becoming thinner (1-3cm thick) with more pronounced, thicker
						dark S_2 folia between them as go down in the hole.
						Po porphs and 1 mixed py:po
						intact to 1266'
						1266-60I = rubble

DDH 456.7509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: Aug 84 Logged By: CCP/GAJ

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	12670	12690		29	SB6$	
						Same phyllite as above but with dolo+qtz bands and lithons rather than calc+qtz -
						Lower contact with gouge+rubble zone 115₂
						but with fractures near by at 45°/000 to CA
L	12690	12720		30	SB20	
						slightly darker grey lithoned calc phyllite - lithons
						1cm thick and internally finely laminated
						as usual - 1st 6" is gouge remainder
						intact
L	12720	13088	S	31	SBP	(SDO) Tr
						med. soft calc, lithoned, med grey
						7cm SDO band at 1287' w S₂ // contacts - slight bleaching for 5mm next to contact
						Some Py porphs but mainly Po and minor mixed.
						Intact
L	13090	13120		32	SB6$	
						m grey mod soft generally PS₂ foliated locally lithoned noncalc
						dolomitic Phyllite
						no porphs seen
						1st 1 Foot is rubble to strongly broken
L	13120	13870		33	SBO	
						med grey mod well lith-ned mod soft calcareous Phyllite - Locally
						med to dk green mineral in calc+qtz bands but not clinozoisite.

millimeters

Minor PO porphs and lesser pyrite porphs.
Intact to 1376', 1376-1377 = driller induced rubble.
1377-1386 = intact 1386-1387' = incipient crackle brx that rapidly changes into flaser foliated fault rock with gtz vein clasts for last 1" foln @ 40° to CA

DDH 4567509 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: May 84 Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1381.7	1389.0		34	SDP1	
						olive green PS_2 Foliated mod soft calc excellent slightly coarser irregular (cubeady) calc gtz bands S_2 Folia are light silvery green with splotches of med green.
						Uppermost 3" is sheared with flaser texture as in last unit
L	1389.0	1402.5		35	SBP1	± Bio v. minor
						Mod soft, med. grey, mod lithoned calc phyllite
						Top of interval to 1392' looks sheared and has incipient crackle brx - it has greenish tinge and locally has biotite developed in (calc gtz) bands possibly related to higher calcite content or gtz veining or shearing ???
						Thin SDO band 10cm at 1393'
						last 1' is dolomitic and non calcareous
						Intact.
L	1402.5	1428.0		36	SDG$	→ SDO
						top - 1424' is dolomitic below 1424 is calcareous.
						Mod soft, homogenous, PS_2 foliated, med to olive green, chl phyllite
						Lower contact placed at start of transition to greenish grey phyllite with silvery grey on S_2 folia
						At ~1427.5 start to get shearing / flaser fabric / fault brx. material which obscures lower contact.
						Core broken - some rubble and rebilled core. but recov ok

C.A.M.C. 1981 - E - 3A

DDH 456750.9

Cyprus Anvil Mining Corp.

Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1,428.0	1,430.5		37	SAB	(SD) (SB4) BXA
						Interleared carbonac. phyllite; olive green metabasalt & greenish grey altered phyllite.
						Typical fault rock texture ala Tie fault
L	1,430.5	1,440.0		38	SA91	minor BXA
						dk grey to black, mod hard to hard non calcareous
						PS_2 foliated Phyllite
						Locally moderately soft
						locally contains well developed disseminated sulphide banding
						py and sphal in lamina to lenses which are continuous
						to discontinuous across core.
						Texture like sheared rock of augen/lenses/clasts of
						qtz in a wavy irregularly foliated matrix
						Core split might have been rubbly before splitting
						Does not look like typical 4A qtz S_2 banding
						just fine grained sulphide bands in uniformly fine
						grained phyllitic material rather than the fine grained
						hard blue grey bands of 4A.
						Continuation of flaser texture and lack of similarity
						to 4A suggest continuation of above fault rocks.
						with sulphide flooding / impregnation ??
						1437-1438 = gouge
						1438-1438.5 = qtz vein
						1438.5-EOI = rubble coarse & fine
						tot S = from 5-30% average ~10% 5-10cm very sulphide rich bands

change to 1431.3

4% Zn LCP
2% Zn GT

DDH 4567509 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: May 84 Logged By: CCP/CAT

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1,4,4,0	1,4,4,8		3,9	SA6,9	v. minor
						dk grey to black, ps_2 foliated, moderately soft to locally moderately hard, non calc, carbonaceous phyllite
						Minor "dolo flash"
						Rock locally bxtd - In this section phyllite has more regular planer S_2 orientation - Bxn is along late steep fractures.
						Minor Py po. mainly along late fractures minor dissem sphal.
						split - ? original state.
L	1,4,4,8	1,4,5,0		4,0	SD $	minor
						med soft, dull greenish grey, homogenous, PS_2 foliated, non calc, dolomitic chloritic phyllite
						homogenous texture fine grain size and qtz dolo bands implies SD
						Abundant qtz-dolo veins along xcutting fractures - S_2 locally quite steep
						not split - originally intact
L	1,4,5,0	1,4,5,3		4,1	SA,6,$	minor 9 minor
						dk grey to locally black, non calc, weakly dolomitic, mid soft to mid hard. PS_2 Foliated Phyllite
						Thinly laminated with dk grey slightly dolomitic bands.
						Pyrite is main sulphide occurring in xcutting fractures - minor Py as euhedral porphs.

change to 1454.0

v. minor dissem fine grained sphalerite
Planer S_2 fabric - no really visible flexer foln.

DDH 456750.9 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1,4,5,3	1,4,6,0		,4,2	5C$7	
						soft, dolomitic, med gry/dk green leopard rock textured metabasite well developed anastamozing chl phyllite.
						Overall color of rock more gray than green.
						Upper 2" is strongly foliated with local flaser fols textured bxa. -
						lower contact is transgressive to S_2 minor fault or sulphide "intrusive" contact.
L	1,4,6,0	1,4,6,1		,4,3	4,0,4,$	7
						massive pyrrhotite with minor sphal and massive pyrrhotitic pyritic sulphides also with sphal. with coarse dolo qtz veins/patches.
						5"'s are fine grained banded and are transgressive to S_2 - vein ?? or ductile flow intrusion?
L	1,4,6,1	1,4,6,3		,4,4	5,C,6,7	(SDG) 70:30
						Strongly foliated, banded, gry & mdk green, leopard rock, non calc non dolo (no fizz in 20%), mod soft
						bottom 6" is homogenous fine grained med greyish green
						lower contact ~// S_2 , sharp
						upper contact is flaser textured bxa.
	1,4,6,3	1,4,6,5		,4,5	4,E,4,8	(SA69 / minor) 70:30
						Non calc wavy massive pyritic sulphides fine grained poorly banded with sphal rich bands - discont. black mt. streaks. Locally sulphide in sulphide bxa texture. Centred 6-8" is dk grey to black.
						hard to mod hard, PS2 foliated, non calc, carbonaceous C.A.M.C. 1981 E-3A slightly silicious Phyllite with some qtz py banding (alu 4A)
						Split originally intact? remaining bits of rubble at contact says upper // S_2 lower minor flt at 30° to CA cutting S_2 (?)

change to 1459.5

change to 1460.5

change to 1462.5

change to 1465.1

4E8 ± 4 See comments

DDH 87509 (2 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1,465	1,469		46	SC#7	
						Leopard sch - dolomitic metabasite similar to #42
						Top 6" is homogenous med green non calc nondolomitic
						SD 6
						symmetry suggested with sulphides & phyllite for this unit
						and last 2 units suggests fold hinge centered around
						phyllite at 1464' is this same metab as #44?
L	1,469	1,470		47	4EP	BXA
						massive to nearly massive pyritic sulphide Local sulphide in Sulphide
						bxa. texture - minor sphal banding
						Upper contact minor fault at ~10° to CA
L	1,470	1,472		48	4C5	? [SA6491]? [SB0291]
						med dk grey to dk grey - non calc med hard to
						hard (most soft locally) PS_2 foliated phyllite
						S_2 Folia silvery grey to black.
						Sulphides are PO > PY > SPHAL - Po tends to form
						fine grained network along fractures - Py as
						small euhedral po-phroblasts - Sphal disseminantly
						assoc with the po network
						1 piece looks like 4A rest looks more like "altered - silicified"
						phyllite - tot S° ~ 5-10%
L	1,472	1,487		49	4C0?	[4L12477?
						creamy white, med hard to hard muscovitic qtz-ite with qtz S° bands 1/cm thick containing
						py po + minor sphal. Both along S_2 & folded by S_2 - Same sulphides also along
						S_2 cutting fractures. within qtz S° bands sulphides form fine
						network texture. Tot S° ≈ 15% PY > PO. Altered wallrock, altered 4A
						or just originally 4C ??? - can't tell.
						Split originally intact

C.A.M.C. 1981 - E - 3A

4EY
See assays

DDH 4587509 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

change to 1493.5

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	1481.7	1493.0		50	5B2.6	9 ± 4 [3G9G ± 4]
						med gry to dk gry, md soft to mod hard, noncalc, PS_2 Foliated phyllite -
						Locally well developed flaser folin bxn texture - minor qtz augen
						Py and Sphal and minor po disseminated along fine fractures
						2 short (10cm) intervals where phyllite is bleached to musc
						qtz off creme phyllite with same fracture network
						sulphides. Tot S = ≈ 5%
						Split originally intact
L	1493.0	1513.0		51	3G0	stringered → (3G4 stringered) 95:5
						medium to med dk grey mod soft noncalc generally PS_2 foliated
						locally lithond Phyllite.
						S_2 Folia steely grey -
						contains minor xcutting qtz chl ± po. fine stringer veinlets
						and also some that are folded.
						Contains xcutting med xln creamy weath qtz dolo veinlets
						Last 1.5' is bleached to light grey green also has the stringers
						Intact
L	1513.0	1514.0		52	5C$7	minor
						light greyish green PS_2 fol. dolomitic chl phyllite - appears to
						contain minor 3G4 band in center - minor green chl along
						S_2 folia
L	1514.0	1529.0		53	3G0	Stringered minor → (3G4 stringered)
						Same as #51 - lower contact has flaser folin bxn. for Few cm
						only minor stringers Top 3' slightly altered to light to med greenish grey

DDH 456,750,9 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	1529	1530		54	4D5	(4L0) 70:30
						pyritic base metal bearing qtzite with minor interleaved offcreme musc phyllite, S_2 folia in qtzite are locally dk grey to black.
						overall colour of qtzite is med grey with brown sphal sections.
						Total S= ≈ 30% Py ≥ sphal
L	1530	1531	S	55	5D4G	9 ± 3
						light greenish grey to greenish white - PS_2 fol - homogeneous - locally calcareous phyllite
						S_2 Folia are pale greenish creme.
						Minor fg py dissem in streaks along S_2 and in crosscutting fractures.
						intact - last 6" split.
L	1531	1537	S	56	5A1G	9 minor ± minor (4D0) 60:40
						dk grey to black generally med hard to hard locally med soft weakly dolomitic, non calc ca-bearing siliceous phyllite.
						Py dissem in thin m. grey lamine. S_2 Folia are dk steely grey
						Minor qtz S= banding w/ py >> sphal
						Interbanded on thin to med scale is offcreme musc. qtzite, non calc containing qtz S= bands with Py >> sphal
						Sulphides much more common in musc qtzite ≈ 35% tot S=
						tot S= in carbonac phyllite = 5% or less
						Contacts between lithologies are sharp.
						5A transitional to 4A0 esp in upper portion of interval - Overall
						5A is quite micaceous

change to 1531.0

change to 1538.0

Split originally intact

DDH 456.7509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

change to 1545.5

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1537.5	1545.0		517	HC01	SERICITIC [462±1]
						pale greenish white, med soft to hard, musc qtz phyllite
						Contains qtz S^c bands $\parallel S_2$ locally D_2 Folded.
						Dominantly py in the bands - bands 2-3 mm
						to up to 1 cm thick
						At 1538.5 is 5 cm of 5064
						Upper contact gradational and marked by
						lack of carb phyllite interbands
						Lower contact is minor fault at 20/000
						Tot $S^c \approx 10\%$ mainly Py minor sphal.
						Split originally intact
						Probably altn. superimposed on previous unit
L	1545.0	1551.0		518	3G9	→ 3G9 BXA downhole
						Med soft to med hard, PS_2 Fol, non calc, med dk grey Phyllite
						Minor interbands of greenish grey 5D64, 2 bands 5 cm
						thick
						Unit has very disrupted S_2 foliation locally approaching
						flaser fabric.
						One band of carbonaceous siliceous pyrite rich phyllite
						5 cm at 1549'
						Starting to see fault bxa and exotic clasts within the bxa.
						such as the last mentioned band.
						Most of unit is just incipient flt bxa. grading into
						next unit.

DDH 4567509 (2 … 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	1551 0	1568 5		59	SA61	BXA (3G0)(SD46)
						Hard dk grey to black flaser foliated fault rock –
						Vein qtz augen
						Irregular, sheared networks to elliptical pyrite along flaser foln. (not sulphide clasts)
						Local minor clasts of pale creme fine grained meta basalt
						Minor calcite clasts
						Locally phyllite is mod soft medium grey
						Locally flaser foliation is folded.
						Intact to 1560'
						1' gouge at 1560'
						Intact 1561–1564
						1564'–1569 = minimal IND gouge
L	1568 5	1571 0		60	3G916	minor → 3G916 minor
						dk grey to medium dk grey to med grey, mod soft to mod hard to
						locally hard. generally PS_2 foliated ± carbonaceous Phyllite
						Py as irregular network in xcutting fractures
						Minor interbanded SD64 as #59.
						S clevage is relatively planar – less disrupted phyllite than #59
						Intact
L	1571 6	1571 8		61	SD14	minor
						hard light green, homogenous, non calc, calmusc qtzite
						Lower contact gradational into well developed fault bxa with
						clasts of this unit and the next unit in light med green
						matrix. Probably a SD band that was silicified
						and then involved in faulting
						intact

C.A.M.C. 1981 – E – 3A

DDH 456509 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	15718 S	15811 S		62	3F9	
						v. dk grey finely x'ln calcite marble interbanded with mod lesser carbonaceous mod soft phyllite - extensive crackle bxa developed - local zones of high shearing, flaser texture developed.
						Minor py & sphal on fractures - Intact
L	15811 S	16107 S		63	3G9	± BXA
						dk grey mod soft to mod hard, ps. foliated, non calc, Phyllite locally thinly laminated in shades of grey - color banded but all bands ~ same hardness
						Uppermost 1' is fault bxa - typical "SAX" type bxa grades down into normal phyllite with zones of crackle bxa and local fault bxa. - Intact
L	16077 S	16094		64	5C$	BXA
						Strongly fractured/veined - strongly sheared, dark green, slightly chloritic soft chloritic phyllite - Cross cutting fractures filled by dk green chl py & reddish brn sphal - Zip all grade
						Locally relict mafting seen with tan weath dolo - Intact
L	16094	16211 S		65	3G10	BXA
						Fault Bxa - dominantly non calc mod soft med dk grey phyllite - lesser lithologies include:
						dk grey to black carbonaceous phyllite
						pale greenish grey fine grained calcareous metabasite

DDH 45.6.7.5.0.9 (2 … 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						generally has moderately to well developed flaser folia-
						locally w/ calc-silicate augen
						Intact
L	1621 S	1631 S		66	3F0	calc silicate
						Med x/n. med grey to bluish grey calcite marble with interbands
						of green calc silicate
						Very fractured and broken aspect - Irregular S_2 // shear
						planes but lacks fine grained flinty mylonitic appearance
						Core Intact.
						Crackle bxn ± coarse qtz calcite veinlet // to core axis
L	1631 S	1702		67	10AB1	±9
						Med x/n biotite quartz diorite excellent quartz ribbon
						foliation developed. Locally highly altered to off creamy
						white still hard presumably clay rich assemblage -
						Locally contains coarse quartz feld musc tourmaline pegmatite
						veins which are ^ to foliated // to foliation in host rock
						but contacts not // foliation
						Minor presumed ±sp microphenocrysts in main intrusive
						C & S bands visible mainly in some of the highly altered
						off white sections
						Locally rock is brecciated to fault bxn - bral calcite on fractures
L	1702	1704		68	1B0	[1813]
						med green hard calcareous calc silicate inclusion in intrusive - looks like
						coarse grained tactite - contains minor garnet.
						intact

DDH 4567509
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

Date: _____ Logged By: _____

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
	1720H	1720		69	IPABI	±9
						Same as #67 locally altered to pale green color — still with excellent ribbon qtz folia — shear folia visible locally in unaltered intrusive
						Intact
						1720 = EOH
						Tie Fault is 1428' - 1631'

DDH 45.67.509 (2 Feet 8) **Cyprus Anvil Mining Corp.** Page 24 of _____

Structural Log Date: Aug 84 Logged By: LCP

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		12R0	GSR				90	
S		129	GSR				910	→ PS_2 CS_{N1} = 44° to CA
S		733	CSR				65	L_2 is ~060 wrt low point
S		912	GSR	S			810	
S		1117	GSR	S			73	
S		1219	PSR				74	
S		1488	PSR				79	
S		1755	PSR	D			70	→ CS_2
S		1914	PSR				74	CS_{N1} = 49/065
S		2226	GSR	S			77	L_2 at 070 wrt low point
S		2336	GSR	Z			63	
S		2516	PSR				62	
S		2720	PSR	S			75	→ CS_2
S		2970	GSR	S			74	→ PS_2
S		3250	GSR	S			65	→ PS_2
S		3433	GSR	S			77	L_2 at 90°
S		3688	PSR				85	
S		3788	GSR				84	
S		3916	GSR				83	
S		4116	PSR				78	
S		4316	GSR	S			78	
S		4599	PSR				79	
S		4977	CSR				79	→ PS_2
S		5107	PSR				76	
S		5228	PSR				85	→ CS_2
S		5455	CSR				89	
S		5777	PSR				77	
S		5828	GSR	S			76	
S		5977	PSR				910	
S		6244	PSR				82	
S		6455	PSR	Z			79	
S		6788	PSR	D			812	→ CS_2
S		6912	GSR	S			83	
S		7007	CSR				85	
S		7244	GSR	S			84	
S		7433	GSR	S			78	→ PS_2

DDH 456750 9 (2 — 8) **Cyprus Anvil Mining Corp.** Page 25 of _____

Structural Log Date: _____ Logged By: LCD

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 — 14	16 — 20	22 — 24	26	28 — 32	34 — 38	40 — 44	
S		1767	CS2				82	→ PS_2
S		1790	PS2				81	
S		1804	CS2				87	→ PS_2
S		1834	CS2				90	
S		1849	CS2	D			81	→ PS_2
S		1877	PS2				72	
S		1902	PS2				80	→ CS_2
S		1929	CS2	S			83	
S		1951	PS2				84	
S		1967	CS2				90	
S		1989	PS2	S			63	→ CS_2
S		2007	CS2	D			83	
S		2027	PS2				83	
S		2022	CS2	Z			80	
S		2050	CS2	S			85	
S		2069	PS2				63	
S		2086	CS2				90	
S		2100	CS2	M			77	
S		2120	CS2	M			69	
S		2144	CS2	M			79	
S		2176	CS2	S			85	
S		2197	CS2				90	
S		2210	CS2				90	
S		2270	PS2				89	
S		2284	PS2				84	
S		2259	CS2	D			75	
S		2264	CS2	S			62	
S		2272	CS2	S			82	
S		2295	PS2				75	
S		2340	CS2	D			76	
S		2324	CS2	S			80	
S		2353	CS2	S			85	
S		2371	CS2				70	
S		2395	CS2				68	→ PS_2
S		2411	CS2				80	→ PS_2
S		2423	PS2				69	

DDH 4567509 (2 / 8) Cyprus Anvil Mining Corp. Page 26 of _____

Structural Log Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1,143H						flaser foln = 72°
S		1458	CS2				62	
S		1475	PS2				75	
S		1500	PS2				78	→ CS_2
S		1518	PS2				76	
S		1527	PS2				86	
S		1547	PS2				78	
S		1571H	PS2				66	
S		1600	PS2				58	
S		1629	PS2				50	
S		1641						qtz ribbon foln = 87 ←
								shear foln = 60/000 wrt)
S		1682						qtz ribbon & biotite foln = 88
								shear foln = 48/180 wrt)
S		1711+5						qtz ribbon = ?? not clearly visible
								shear foln = 52°

C.A.M.C. 1981 - E - 4

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH 1+00) AEX GRID	FOOTAGE	AZIMUTH	DIP
EAST 116+00)	600		6.0
ELEVATION	1,000		13
LOGGED BY U. Jansons	1,720		2.5
DATE LOGGED 4 May, 1975			5.0
MAP REFERENCE NO.	METHOD: HF		

2.0

COMPANY NAME PELLY RIVER MINES LTD.
PROPERTY NAME Anvil Claims
DRILLING CONTRACTOR Arctic Diamond Drilling
ASSAYER Whitehorse Assay Office Ltd.
PURPOSE OF HOLE Geological Projection of Grum Horizon

HOLE NO. 456-75-9
CLAIM NAME TIE
COMMENCED 20 April, 1975
FINISHED 3 May, 1975
PROJECT NO. 45700

FROM	TO	REC.	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
0	21		Overburden.											
21	1390	97%	Chlorite-sericite, minor quartz carbonate banded phyl-									S2	33'	15°
			lite. Chlorite-sericite 60-70% of rock. Chlorite:									S1	40	90
												S1	87	65
			sercite varies from 3:1 to 1:1. Color light grey to									S2	87	22
												S2	152	10
			greenish gray, depending on chlorite:sericite ratio.									S1	161	90
												S2	220	10
			Quartz to carbonate ratio 1:5 or so through section.									S1	259	90
												S2	257	12-15
			Mineralization: trace amounts (less than 0.1%) sul-									S1+	307	60-90
												S2	307	15
			fides through section. Po:Py approximately 1:1. These									S1	355	75
												S2	355	10
			usually occur as crystals in $CaCO_3$ bands.									S1	402	90
												S2	402	15
												S1	475	70-90
												S2	475	10-15
			Core virtually uniform all the way down in section ex-									S3 ?	475	70-80
												S1	545	to 90
			cept for fractured (breccia) zones as noted below and									S2	545	5-10
												S1	593	to 90
			randomly distributed up to 1.5' $CaCO_3$, SiO_2 zones.									S2	597	10
												S2	655	10
			55 - 56 Soft punky clay zone.									S1	704	90
												S2	704	5
			203 - 204 Soft punky clay zone.									S1	797	to 90
												S2	797	5

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

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			204 - 211 Breccia zone, 1.5' recovery, pro-											
			bably washed out clay zone.									S1 S2	846 846	to 90 0-5
			276 - 277 Brecciated phyllite $CaCO_3$ cemented.									S1 S2	902 902	90 5
			314½- 315 Brecciated phyllite $CaCO_3$ cemented.									S1 S2	966 966	to 90 10
			581½- 582 Soft clayey "punky" zone.									S1 S2	1012 1012	90 2-3
			585 - 588 Soft clayey "punky" zone.									S1 S2	1057 1057	to 90 10
			787 - 789 Soft clayey fault zone.									S1 S2	1112 1112	to 90 7
			1155 -1157 Soft clayey fault zone.									S1 S2	1127 1127	90 5
			1170 -1171½ Soft clayey fault zone.									S1 S2	1184 1184	90 7-10
			Section 1152-1176 poorly cohesive with several clay									S1 S2	1247½ 1247½	90 7
			and fragmented core zones.									S2 S1	1249½ 1259	22 90
			1250 -1251½ Phyllite breccia - $CaCO_3$ cemented									S2 S1	1259 1303	10 90
			S_2 vertical at 1251, 22° at 1249½.									S2 S1	1303 1355½	10 90
			1388 -1390 Calc. carbonate zone with chlorite									S2 S1	1355½ 1388	8 90
			showing incipient alteration to									S2	1388	9-12
			brown mica (biotite?) or brown											

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

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			chlorite?). Incipient chlorite (?)											
			mica bleaching.											
1390	1422	99%	1390-1422 - Gradational increase in SiO_2 banding.									S1	1412	90
			Quartz content increasing slightly with depth.									S2	1412	15
			1416-1422 - Brecciated appearance due to boudinaging											
			and fragmentation of $CaCO_3$ layers and cross cutting											
			foliations.											
1422	1429	99%	Chlorite quartz carbonate phyllite - chlorite green									S2	1427	22
			color (change in chlorite and quartz content).											
			Mineralization: As previous section.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
					Split	Core								
1429	1549	101%	SULFIDE MINERALIZED SECTION - GRUM ZONE EXTENSION											
			1429 - 1454 - 95% Recovery.	1,431.3	1,433.0	1.7	19599	1.90	4.08	.07		S2	1444	35°
			Graphitic sericite - quartz phyllite. N.B. - no	1,433.0	1,436.4	3.4	19600	1.25	1.78	.07				
			carbonate.	1,438.5	1,442.0	3.5	19601	.05	.07	.02				
			Mineralization: Total sulfides average approximately	1,442.5	1,448.1	5.6	19602	.14	.10	.02				
			5% - 7% for section. Sphalerite and pyrite parallel	1,450.1	1,453.5	3.4	19603	.46	.60	.02				
			to rock compositional banding is parallel to S2.											
			Core is slightly brecciated and SiO_2 cemented											
			except section 1437-1440. Soft clayey section											
			1448-1450, fine grained gray quartzite (?).											
			1454 - 1459.5 - 96% Recovery.	1,459.25	1,460.25	1.0	19604	3.15	11.10	.34		S2	1455	30°
			Green and white banded chlorite sericite schist.											
			Gneissic texture 60% sericite, 40% chlorite.											
			No mineralization.											

Diamond Drill Record

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

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			1459.5 - 1460.5 - 100% Recovery.											
			Quartz and massive sulfide appear to be infilling											
			in fractures. 35% total sulfide - pyrite and											
			sphalerite, fine grained typical buckshot appear-											
			ance of Anvil Range massive sulfides with pyrite											
			grains averaging 1/16" diameter.											
			1460.5 - 1462.5 - 96% Recovery.											
			Green and white banded rock as 1454-1459.5.											
			1462.5 - 1463.2 - 100% Recovery.	1,462.5	1,463.3	0.8	19605	1.50	1.78	.04				
			Massive sulfides. This section mainly pyrrhotite											
			and pyrite.											
			1463.2 - 1464 - 96% Recovery.											
			1429-1454. Graphitic phyllite approx. 5-7%, total sulfide as	1,463.3	1,464.0	0.7	19606	.35	.60	.03				

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1464 - 1465.1 - 100(?)% Recovery.	1,464.0	1,465.15	1.15	19607	3.08	4.56	.04				
			Massive sulphides - mainly pyrrhotite and pyrite.											
			10% sphalerite.											
			1465.1 - 1469.0 - 112% Recovery.											
			Chlorite sericite quartz "schist" - green and white											
			banded rock. 5% bleached. No mineralization.											
			1469.0 - 1487.0 - 97% Recovery.	1,469.2	1,470.0	0.8	19608	3.38	5.52	.05		S2	1,472	20°
			Quartz sericite chlorite phyllite, 60 - 70% quartz,	1,470.0	1,474.4	4.4	19609	1.01	1.02	.08				
			sericite:chlorite = 3:1.	1,474.4	1,478.6	4.2	19610	0.53	0.74	.06				
			Mineralization: 5-7% total sulfides, of which 60%	1,478.6	1,484.7	6.1	19611	0.38	0.72	.06				
			is pyrite, 30% is pyrrhotite, 6-7% sphalerite,	1,485.5	1,487.2	1.7	19612	0.43	0.50	.07				
			3-4% galena(?).											

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

Diamond Drill Record

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1487.0 - 1,549.0 - 104.5% Recovery.	1,487.7	1,493.5	5.8	19613	0.10	0.07	.03		S2	1537	10°
			Sericite chlorite quartz phyllite, 60% micas;	1,529.0	1,529.8	0.8	19614	1.03	1.66	.03		S2	1547	20
			Sericite:chlorite ratio is 1.5:1; rock has medium-			SPLIT CORE								
			gray color.	1,531.0	1,537.65	6.65	19615	0.53	1.14	.03				
			Bleached sericite sections at 1530-1531, 1538-1545.5	1,537.65	1,540.85	3.2	19616	0.38	0.25	.06				
			Rock has tan color when wet.	1,540.8	1,545.0	5.2	19617	0.26	0.39	.05				
			Mineralization: Total sulfides for section, 3-5%	1,548.6	1,549.0	0.4	19618	1.73	5.59	.08				
			pyrite and sphalerite with short sections 10-15%											
			sulfides at 1529-1530, 1531-1537.5 (approx. 15%),											
			1542-1546 (approx. 10%).											
1,549	1,583	95%	Graphitic sericite(?) quartz phyllite; generally brec-									S1	1581	90
			ciated appearance due to the boudinaging and breaking									S2	1581	10
			of quartzite bands.											
			1555-1557 - bleached clayey zone.											
			1564-1565 - clayey graphitic zones.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1487.0 - 1,549.0 - 104.5% Recovery.	1,487.7	1,493.5	5.8	19613	0.10	0.07	.03		S2	1537	10°
			Sericite chlorite quartz phyllite, 60% micas;	1,529.0	1,529.8	0.8	19614	1.03	1.66	.03		S2	1547	20
			Sericite:chlorite ratio is 1.5:1; rock has medium-			SPLIT CORE								
			gray color.	1,531.0	1,537.65	6.65	19615	0.53	1.14	.03				
			Bleached sericite sections at 1530-1531, 1538-1545.5.	1,537.65	1,540.85	3.2	19616	0.38	0.25	.06				
			Rock has tan color when wet.	1,540.8	1,545.0	5.2	19617	0.26	0.39	.05				
			Mineralization: Total sulfides for section, 3-5%	1,548.6	1,549.0	0.4	19618	1.73	5.59	.08				
			pyrite and sphalerite with short sections 10-15%											
			sulfides at 1529-1530, 1531-1537.5 (approx. 15%),											
			1542-1546 (approx. 10%).											
1,549	1,583	95%	Graphitic sericite(?) quartz phyllite generally brec-									S1	1581	90
			ciated appearance due to the boudinaging and breaking									S2	1581	10
			of quartzite bands.											
			1555-1557 - bleached clayey zone.											
			1564-1565 - clayey graphitic zones.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1564.0-1565 - clayey graphitic zone.											
			1565.0-1569 - clayey graphitic zone.											
			1578.5-1583 - carbonate cemented brecciated graphitic phyllite.											
			Mineralization: Total 3%, pyrite 95%, trace pyrrhotite, sphalerite 3-4%, 1549-1549.5. Mineralization parallels rock comp bands.											
1,583	1,624.2	83%	Graphitic sericite minor quartz phyllite. 70-80% micas and graphites, rest quartz. Mineralization: 1-3% total sulfides, mainly (95%) pyrite. Mineralization parallels rock comp bands.									S1 S2 S2	1605 1605 1624	30° 30° 35°
1,624.2	1,631.5	102%	Chlorite quartz carbonate phyllite; grain size slightly larger than previous phyllite except for brecciated graphitic phyllite. $CaCo_3$ is probably from oxidized graphite.									S2	1629	20°

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			Mineralization: 1% total, all pyrrhotite in two ½"											
			and a ¼" band parallel to chlorite bands.											
1,631.5	1,720	86%	Quartz diorite, fine grained 2-5 mm to quartz biotite											
			diorite.											
			Top 2" brecciated. Contact sharp.											
			Rock bleached - altered 1631-1645.											
			Possible xenolith - reconstituted xenoliths 1634-1635.											
			Mineralization - none.											
			T.D. 1,720											
			Recovery: Total core: 1,635.6 feet recovered.											
			Drilled: 1699											
			Percent recovery: 96%											

S_1 & S_2 structure measured with respect to horizontal - 90° to core axis

Diamond Drill Record

COLLAR:
NORTH 1+00)
EAST 116+00) AEX GRID
ELEVATION
LOGGED BY U. Jansons
DATE LOGGED 4 May, 1975
MAP REFERENCE NO.

HOLE SURVEY		
FOOTAGE	AZIMUTH	DIP
600		6.0
1,000		13
1,720		2.5
		5.0
METHOD: HF		

2.0

COMPANY NAME PELLY RIVER MINES LTD.
PROPERTY NAME Anvil Claims
DRILLING CONTRACTOR Arctic Diamond Drilling
ASSAYER Whitehorse Assay Office Ltd.
PURPOSE OF HOLE Geological Projection of Grum Horizon

HOLE NO. 456-75-9
CLAIM NAME TIE
COMMENCED 20 April, 1975
FINISHED 3 May, 1975
PROJECT NO. 45700

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
0	21		Overburden.											
21	1390	97%	Chlorite-sericite, minor quartz carbonate banded phyl-									S2	33'	15°
			lite. Chlorite-sericite 60-70% of rock. Chlorite:									S1	40	90
												S1	87	65
			sercite varies from 3:1 to 1:1. Color light grey to									S2	87	22
												S2	152	10
			greenish gray, depending on chlorite:sericite ratio.									S1	161	90
												S2	220	10
			Quartz to carbonate ratio 1:5 or so through section.									S1	259	90
												S2	257	12-15
			Mineralization: trace amounts (less than 0.1%) sul-									S1+	307	60-90
												S2	307	15
			fides through section. Po:Py approximately 1:1. These									S1	355	75
												S2	355	10
			usually occur as crystals in $CaCO_3$ bands.									S1	402	90
												S2	402	15
												S1	475	70-90
												S2	475	10-15
			Core virtually uniform all the way down in section ex-									S3 ?	475	70-80
												S1	545	to 90
			cept for fractured (breccia) zones as noted below and									S2	545	5-10
												S1	593	to 90
			randomly distributed up to 1.5' $CaCO_3$, SiO_2 zones.									S2	597	10
												S2	655	10
			55 - 56 Soft punky clay zone.									S1	704	90
												S2	704	5
			203 - 204 Soft punky clay zone.									S1	797	to 90
												S2	797	5

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			204 - 211 Breccia zone, 1.5' recovery, pro-											
			bably washed out clay zone.									S1	846	to 90°
												S2	846	0-5
			276 - 277 Brecciated phyllite $CaCO_3$ cemented.									S1	902	90
												S2	902	5
			314½- 315 Brecciated phyllite $CaCO_3$ cemented.									S1	966	to 90
												S2	966	10
			581½- 582 Soft clayey "punky" zone.									S1	1012	90
												S2	1012	2-3
			585 - 588 Soft clayey "punky" zone.									S1	1057	to 90
												S2	1057	10
			787 - 789 Soft clayey fault zone.									S1	1112	to 90
												S2	1112	7
			1155 -1157 Soft clayey fault zone.									S1	1127	90
												S2	1127	5
			1170 -1171½ Soft clayey fault zone.									S1	1184	90
												S2	1184	7-10
			Section 1152-1176 poorly cohesive with several clay									S1	1247½	90
												S2	1247½	7
			and fragmented core zones.									S2	1249½	22
												S1	1259	90
			1250 -1251½ Phyllite breccia - $CaCO_3$ cemented									S2	1259	10
												S1	1303	90
			S_2 vertical at 1251, 22° at 1249½.									S2	1303	10
												S1	1355½	90
			1388 -1390 Calc. carbonate zone with chlorite									S2	1355½	8
												S1	1388	90
			showing incipient alteration to									S2	1388	9-12
			brown mica (biotite?) or brown											

Diamond Drill Record

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

COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			chlorite?). Incipient chlorite (?)											
			mica bleaching.											
1390	1422	99%	1390-1422 - Gradational increase in SiO_2 banding.									S1	1412	90
			Quartz content increasing slightly with depth.									S2	1412	15
			1416-1422 - Brecciated appearance due to boudinaging											
			and fragmentation of $CaCO_3$ layers and cross cutting											
			foliations.											
1422	1429	99%	Chlorite quartz carbonate phyllite - chlorite green									S2	1427	22
			color (change in chlorite and quartz content).											
			Mineralization: As previous section.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
					Split	Core								
1429	1549	101%	SULFIDE MINERALIZED SECTION - GRUM ZONE EXTENSION											
			1429 - 1454 - 95% Recovery.	1,431.3	1,433.0	1.7	19599	1.90	4.08	.07		S2	1444	35°
			Graphitic sericite - quartz phyllite. N.B. - no	1,433.0	1,436.4	3.4	19600	1.25	1.78	.07				
			carbonate.	1,438.5	1,442.0	3.5	19601	.05	.07	.02				
			Mineralization: Total sulfides average approximately	1,442.5	1,448.1	5.6	19602	.14	.10	.02				
			5% - 7% for section. Sphalerite and pyrite parallel	1,450.1	1,453.5	3.4	19603	.46	.60	.02				
			to rock compositional banding is parallel to S2.											
			Core is slightly brecciated and SiO_2 cemented											
			except section 1437-1440. Soft clayey section											
			1448-1450, fine grained gray quartzite (?).											
			1454 - 1459.5 - 96% Recovery.	1,459.25	1,460.25	1.0	19604	3.15	11.10	.34		S2	1455	30°
			Green and white banded chlorite sericite schist.											
			Gneissic texture 60% sericite, 40% chlorite.											
			No mineralization.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1459.5 - 1460.5 - 100% Recovery.											
			Quartz and massive sulfide appear to be infilling											
			in fractures. 35% total sulfide - pyrite and											
			sphalerite, fine grained typical buckshot appear-											
			ance of Anvil Range massive sulfides with pyrite											
			grains averaging 1/16" diameter.											
			1460.5 - 1462.5 - 96% Recovery.											
			Green and white banded rock as 1454-1459.5.											
			1462.5 - 1463.2 - 100% Recovery.	1,462.5	1,463.3	0.8	19605	1.50	1.78	.04				
			Massive sulfides. This section mainly pyrrhotite											
			and pyrite.											
			1463.2 - 1464 - 96% Recovery.											
			Graphitic phyllite approx. 5-7%, total sulfide as 1429-1454.	1,463.3	1,464.0	0.7	19606	.35	.60	.03				

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1464 - 1465.1 - 100(?)% Recovery.	1,464.0	1,465.15	1.15	19607	3.08	4.56	.04				
			Massive sulphides - mainly pyrrhotite and pyrite.											
			10% sphalerite.											
			1465.1 - 1469.0 - 112% Recovery.											
			Chlorite sericite quartz "schist" - green and white											
			banded rock. 5% bleached. No mineralization.											
			1469.0 - 1487.0 - 97% Recovery.	1,469.2	1,470.0	0.8	19608	3.38	5.52	.05		S2	1,472	20°
			Quartz sericite chlorite phyllite, 60 - 70% quartz,	1,470.0	1,474.4	4.4	19609	1.01	1.02	.08				
			sericite:chlorite = 3:1.	1,474.4	1,478.6	4.2	19610	0.53	0.74	.06				
			Mineralization: 5-7% total sulfides, of which 60%	1,478.6	1,484.7	6.1	19611	0.38	0.72	.06				
			is pyrite, 30% is pyrrhotite, 6-7% sphalerite,	1,485.5	1,487.2	1.7	19612	0.43	0.50	.07				
			3-4% galena(?).											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1487.0 - 1,549.0 - 104.5% Recovery.	1,487.7	1,493.5	5.8	19613	0.10	0.07	.03		S2	1537	10°
			Sericite chlorite quartz phyllite, 60% micas;	1,529.0	1,529.8	0.8	19614	1.03	1.66	.03		S2	1547	20
			Sericite:chlorite ratio is 1.5:1; rock has medium-			SPLIT CORE								
			gray color.	1,531.0	1,537.65	6.65	19615	0.53	1.14	.03				
			Bleached sericite sections at 1530-1531, 1538-1545.5	1,537.65	1,540.85	3.2	19616	0.38	0.25	.06				
			Rock has tan color when wet.	1,540.8	1,545.0	5.2	19617	0.26	0.39	.05				
			Mineralization: Total sulfides for section, 3-5%	1,548.6	1,549.0	0.4	19618	1.73	5.59	.08				
			pyrite and sphalerite with short sections 10-15%											
			sulfides at 1529-1530, 1531-1537.5 (approx. 15%),											
			1542-1546 (approx. 10%).											
1,549	1,583	95%	Graphitic sericite(?) quartz phyllite; generally brec-									S1	1581	90
			ciated appearance due to the boudinaging and breaking									S2	1581	10
			of quartzite bands.											
			1555-1557 - bleached clayey zone.											
			1564-1565 - clayey graphitic zones.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1564.0-1565 - clayey graphitic zone.											
			1565.0-1569 - clayey graphitic zone.											
			1578.5-1583 - carbonate cemented brecciated graphitic phyllite.											
			Mineralization: Total 3%, pyrite 95%, trace pyrrhotite, sphalerite 3-4%, 1549-1549.5. Mineralization parallels rock comp bands.											
1,583	1,624.2	83%	Graphitic sericite minor quartz phyllite. 70-80% micas and graphites, rest quartz. Mineralization:1-3% total sulfides, mainly (95%) pyrite. Mineralization parallels rock comp bands.									S1 S2 S2	1605 1605 1624	30° 30° 35°
1,624.2	1,631.5	102%	Chlorite quartz carbonate phyllite; grain size slightly larger than previous phyllite except for brecciated graphitic phyllite. $CaCo_3$ is probably from oxidized graphite.									S2	1629	20°

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Lcc.	Value
			Mineralization: 1% total, all pyrrhotite in two ½"											
			and a ¼" band parallel to chlorite bands.											
1,631.5	1,720	86%	Quartz diorite, fine grained 2-5 mm to quartz biotite											
			diorite.											
			Top 2" brecciated. Contact sharp.											
			Rock bleached - altered 1631-1645.											
			Possible xenolith - reconstituted xenoliths 1634-1635.											
			Mineralization - none.											
			T.D. 1,720											
			Recovery: Total core: 1,635.6 feet recovered.											
			Drilled: 1699											
			Percent recovery: 96%											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			1487.0 - 1,549.0 - 104.5% Recovery.	1,487.7	1,493.5	5.8	19613	0.10	0.07	.03	S2	1537	10°
			Sericite chlorite quartz phyllite, 60% micas;	1,529.0	1,529.8	0.8	19614	1.03	1.66	.03	S2	1547	20
			Sericite:chlorite ratio is 1.5:1; rock has medium-		SPLIT CORE								
			gray color.	1,531.0	1,537.65	6.65	19615	0.53	1.14	.03			
			Bleached sericite sections at 1530-1531, 1538-1545.5	1,537.65	1,540.85	3.2	19616	0.38	0.25	.06			
			Rock has tan color when wet.	1,540.8	1,545.0	5.2	19617	0.26	0.39	.05			
			Mineralization: Total sulfides for section, 3-5%	1,548.6	1,549.0	0.4	19618	1.73	5.59	.08			
			pyrite and sphalerite with short sections 10-15%										
			sulfides at 1529-1530, 1531-1537.5 (approx. 15%),										
			1542-1546 (approx. 10%).										
1,549	1,583	95%	Graphitic sericite(?) quartz phyllite generally brec-								S1	1581	90
			ciated appearance due to the boudinaging and breaking								S2	1581	10
			of quartzite bands.										
			1555-1557 - bleached clayey zone.										
			1564-1565 - clayey graphitic zones.										

Diamond Drill Record

COLLAR:
NORTH 1+00)
EAST 116+00) AEX GRID
ELEVATION
LOGGED BY U. Jansons
DATE LOGGED 4 May, 1975
MAP REFERENCE NO.

HOLE SURVEY		
FOOTAGE	AZIMUTH	DIP
600		6.0
1,000		13
1,720		2.5
		5.0

METHOD: HF

2.0

COMPANY NAME PELLY RIVER MINES LTD.
PROPERTY NAME Anvil Claims
DRILLING CONTRACTOR Arctic Diamond Drilling
ASSAYER Whitehorse Assay Office Ltd.
PURPOSE OF HOLE Geological Projection of Grum Horizon

HOLE NO. 456-75-9
CLAIM NAME TIE
COMMENCED 20 April, 1975
FINISHED 3 May, 1975
PROJECT NO. 45700

FROM	TO	REC.	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
0	21		Overburden.											
21	1390	97%	Chlorite-sericite, minor quartz carbonate banded phyl-									S2	33'	15°
			lite. Chlorite-sericite 60-70% of rock. Chlorite:									S1	40	90
												S1	87	65
			sercite varies from 3:1 to 1:1. Color light grey to									S2	87	22
												S2	152	10
			greenish gray, depending on chlorite:sericite ratio.									S1	161	90
												S2	220	10
			Quartz to carbonate ratio 1:5 or so through section.									S1	259	90
												S2	257	12-15
			Mineralization: trace amounts (less than 0.1%) sul-									S1+	307	60-90
												S2	307	15
			fides through section. Po:Py approximately 1:1. These									S1	355	75
												S2	355	10
			usually occur as crystals in $CaCO_3$ bands.									S1	402	90
												S2	402	15
												S1	475	70-90
												S2	475	10-15
			Core virtually uniform all the way down in section ex-									S3 ?	475	70-80
												S1	545	to 90
			cept for fractured (breccia) zones as noted below and									S2	545	5-10
												S1	593	to 90
			randomly distributed up to 1.5' $CaCO_3$, SiO_2 zones.									S2	597	10
												S2	655	10
			55 - 56 Soft punky clay zone.									S1	704	90
												S2	704	5
			203 - 204 Soft punky clay zone.									S1	797	to 90
												S2	797	5

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE From	SAMPLE To	SAMPLE Width	SAMPLE No.	ASSAYS Pb	ASSAYS Zn	ASSAYS Cu	ASSAYS	STRUCTURE Struct	STRUCTURE Loc.	STRUCTURE Value
			204 - 211 Breccia zone, 1.5' recovery, pro-											
			bably washed out clay zone.									S1	846	to 90
												S2	846	0-5°
			276 - 277 Brecciated phyllite $CaCO_3$ cemented.									S1	902	90
												S2	902	5
			314½- 315 Brecciated phyllite $CaCO_3$ cemented.									S1	966	to 90
												S2	966	10
			581½- 582 Soft clayey "punky" zone.									S1	1012	90
												S2	1012	2-3
			585 - 588 Soft clayey "punky" zone.									S1	1057	to 90
												S2	1057	10
			787 - 789 Soft clayey fault zone.									S1	1112	to 90
												S2	1112	7
			1155 -1157 Soft clayey fault zone.									S1	1127	90
												S2	1127	5
			1170 -1171½ Soft clayey fault zone.									S1	1184	90
												S2	1184	7-10
			Section 1152-1176 poorly cohesive with several clay									S1	1247½	90
												S2	1247½	7
			and fragmented core zones.									S2	1249½	22
												S1	1259	90
			1250 -1251½ Phyllite breccia - $CaCO_3$ cemented									S2	1259	10
												S1	1303	90
			S_2 vertical at 1251, 22° at 1249½.									S2	1303	10
												S1	1355½	90
			1388 -1390 Calc. carbonate zone with chlorite									S2	1355½	8
												S1	1388	90
			showing incipient alteration to									S2	1388	9-12
			brown mica (biotite?) or brown											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			chlorite?). Incipient chlorite (?)											
			mica bleaching.											
1390	1422	99%	1390-1422 - Gradational increase in SiO_2 banding.									S1	1412	90
			Quartz content increasing slightly with depth.									S2	1412	15
			1416-1422 - Brecciated appearance due to boudinaging											
			and fragmentation of $CaCO_3$ layers and cross cutting											
			foliations.											
1422	1429	99%	Chlorite quartz carbonate phyllite - chlorite green									S2	1427	22
			color (change in chlorite and quartz content).											
			Mineralization: As previous section.											

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
					Split	Core								
1429	1549	101%	SULFIDE MINERALIZED SECTION - GRUM ZONE EXTENSION											
			1429 - 1454 - 95% Recovery.	1,431.3	1,433.0	1.7	19599	1.90	4.08	.07		S2	1444	35°
			Graphitic sericite - quartz phyllite. N.B. - no	1,433.0	1,436.4	3.4	19600	1.25	1.78	.07				
			carbonate.	1,438.5	1,442.0	3.5	19601	.05	.07	.02				
			Mineralization: Total sulfides average approximately	1,442.5	1,448.1	5.6	19602	.14	.10	.02				
			5% - 7% for section. Sphalerite and pyrite parallel	1,450.1	1,453.5	3.4	19603	.46	.60	.02				
			to rock compositional banding is parallel to S2.											
			Core is slightly brecciated and SiO_2 cemented											
			except section 1437-1440. Soft clayey section											
			1448-1450, fine grained gray quartzite (?).											
			1454 - 1459.5 - 96% Recovery.	1,459.25	1,460.25	1.0	19604	3.15	11.10	.34		S2	1455	30°
			Green and white banded chlorite sericite schist.											
			Gneissic texture 60% sericite, 40% chlorite.											
			No mineralization.											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
	FOOTAGE	AZIMUTH	DIP
NORTH			
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COMPANY NAME
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ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
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FINISHED
PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1459.5 - 1460.5 - 100% Recovery.											
			Quartz and massive sulfide appear to be infilling											
			in fractures. 35% total sulfide - pyrite and											
			sphalerite, fine grained typical buckshot appear-											
			ance of Anvil Range massive sulfides with pyrite											
			grains averaging 1/16" diameter.											
			1460.5 - 1462.5 - 96% Recovery.											
			Green and white banded rock as 1454-1459.5.											
			1462.5 - 1463.2 - 100% Recovery.	1,462.5	1,463.3	0.8	19605	1.50	1.78	.04				
			Massive sulfides. This section mainly pyrrhotite											
			and pyrite.											
			1463.2 - 1464 - 96% Recovery.											
			Graphitic phyllite approx. 5-7%, total sulfide as 1429-1454.	1,463.3	1,464.0	0.7	19606	.35	.60	.03				

Diamond Drill Record

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

COMPANY NAME
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DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
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PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1464 - 1465.1 - 100(?)% Recovery.	1,464.0	1,465.15	1.15	19607	3.08	4.56	.04				
			Massive sulphides - mainly pyrrhotite and pyrite.											
			10% sphalerite.											
			1465.1 - 1469.0 - 112% Recovery.											
			Chlorite sericite quartz "schist" - green and white											
			banded rock. 5% bleached. No mineralization.											
			1469.0 - 1487.0 - 97% Recovery.	1,469.2	1,470.0	0.8	19608	3.38	5.52	.05		S2	1,472	20°
			Quartz sericite chlorite phyllite, 60 - 70% quartz,	1,470.0	1,474.4	4.4	19609	1.01	1.02	.08				
			sericite:chlorite = 3:1.	1,474.4	1,478.6	4.2	19610	0.53	0.74	.06				
			Mineralization: 5-7% total sulfides, of which 60%	1,478.6	1,484.7	6.1	19611	0.38	0.72	.06				
			is pyrite, 30% is pyrrhotite, 6-7% sphalerite,	1,485.5	1,487.2	1.7	19612	0.43	0.50	.07				
			3-4% galena(?).											

Diamond Drill Record

COLLAR:	HOLE SURVEY		
NORTH	FOOTAGE	AZIMUTH	DIP
EAST			
ELEVATION			
LOGGED BY			
DATE LOGGED			
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COMPANY NAME
PROPERTY NAME
DRILLING CONTRACTOR
ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
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PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE From	To	Width	No.	ASSAYS Pb	Zn	Cu		STRUCTURE Struct	Loc.	Value
			1487.0 - 1,549.0 - 104.5% Recovery.	1,487.7	1,493.5	5.8	19613	0.10	0.07	.03		S2	1537	10°
			Sericite chlorite quartz phyllite, 60% micas;	1,529.0	1,529.8	0.8	19614	1.03	1.66	.03		S2	1547	20
			Sericite:chlorite ratio is 1.5:1; rock has medium-		SPLIT CORE									
			gray color.	1,531.0	1,537.65	6.65	19615	0.53	1.14	.03				
			Bleached sericite sections at 1530-1531, 1538-1545.5	1,537.65	1,540.85	3.2	19616	0.38	0.25	.06				
			Rock has tan color when wet.	1,540.8	1,545.0	5.2	19617	0.26	0.39	.05				
			Mineralization: Total sulfides for section, 3-5%	1,548.6	1,549.0	0.4	19618	1.73	5.59	.08				
			pyrite and sphalerite with short sections 10-15%											
			sulfides at 1529-1530, 1531-1537.5 (approx. 15%),											
			1542-1546 (approx. 10%).											
1,549	1,583	95%	Graphitic sericite(?) quartz phyllite; generally brec-									S1	1581	90
			ciated appearance due to the boudinaging and breaking									S2	1581	10
			of quartzite bands.											
			1555-1557 - bleached clayey zone.											
			1564-1565 - clayey graphitic zones.											

Diamond Drill Record

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

COMPANY NAME
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ASSAYER
PURPOSE OF HOLE

HOLE NO. 456-75-9
CLAIM NAME
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PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			1564.0-1565 - clayey graphitic zone.											
			1565.0-1569 - clayey graphitic zone.											
			1578.5-1583 - carbonate cemented brecciated graphitic phyllite.											
			Mineralization: Total 3%, pyrite 95%, trace pyrrhotite, sphalerite 3-4%, 1549-1549.5. Mineralization parallels rock comp bands.											
1,583	1,624.2	83%	Graphitic sericite minor quartz phyllite. 70-80% micas and graphites, rest quartz.									S1	1605	30°
												S2	1605	30°
			Mineralization:1-3% total sulfides, mainly (95%) pyrite. Mineralization parallels rock comp bands.									S2	1624	35°
1,624.2	1,631.5	102%	Chlorite quartz carbonate phyllite; grain size slightly larger than previous phyllite except for brecciated graphitic phyllite. $CaCo_3$ is probably from oxidized graphite.									S2	1629	20°

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

HOLE NO. 456-75-9
CLAIM NAME
COMMENCED
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PROJECT NO.

FROM	TO	REC.	DESCRIPTION	SAMPLE				ASSAYS				STRUCTURE		
				From	To	Width	No.	Pb	Zn	Cu		Struct	Loc.	Value
			Mineralization: 1% total, all pyrrhotite in two ½"											
			and a ¼" band parallel to chlorite bands.											
1,631.5	1,720	86%	Quartz diorite, fine grained 2-5 mm to quartz biotite											
			diorite.											
			Top 2" brecciated. Contact sharp.											
			Rock bleached - altered 1631-1645.											
			Possible xenolith - reconstituted xenoliths 1634-1635.											
			Mineralization - none.											
			T.D. 1,720											
			Recovery: Total core: 1,635.6 feet recovered.											
			Drilled: 1699											
			Percent recovery: 96%											

DRILL HOLE : 45675C9
NORTHING : 905,787.0
EASTING : 591,302.0
ELEVATION : 1,303.0
TOTAL DEPTH : 524.2
SECTION : W 116
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	20
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	69
NOS DOWN-H-STRUCTURE:	81
NOS DOWN-H-FAULTS:	46
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 OHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAO %	HG %	MN %	AS %	BA %	S.G. W.R.
436.2	436.7	92126	.5	.5	5A91		.07	1.89	4.08												
436.7	437.8	92127	1.1	1.0	5A91		.07	1.25	1.78												
438.4	439.5	92128	1.1	1.0	5A69		.02	.05	.07												
439.6	441.3	92129	1.7	1.7	5A69		.02	.14	.10												
441.9	443.0	92130	1.1	1.0	5A68		.02	.46	.59												
444.7	445.0	92131	.3	.3	4G487		.34	3.14	11.09												
445.7	446.0	92132	.3	.2	4E8		.04	1.50	1.78												
446.0	446.2	92133	.2	.2	5A691		.02	.34	.59												
446.2	446.5	92134	.3	.3	4E48		.04	3.08	4.55												
447.8	448.0	92135	.2	.2	4E4		.05	3.37	5.51												
448.0	449.3	92136	1.3	1.3	4C0		.08	1.01	1.02												
449.3	450.6	92137	1.3	1.2	4C07		.05	.53	.73												
450.6	452.5	92138	1.9	1.8	4C07		.05	.38	.71												
452.7	453.2	92139	.5	.5	4C07		.07	.42	.49												
453.4	455.2	92140	1.8	1.7	5B26		.02	.10	.07												
466.0	466.2	92141	.2	.2	4DL		.02	1.03	1.65												
466.6	468.6	92142	2.0	2.0	5A16		.02	.53	1.13												
468.6	469.6	92143	1.0	.9	4C0		.05	.38	.24												
469.6	470.9	92144	1.3	1.2	4C0		.05	.26	.39												
472.0	472.1	92145	.1	.1	3G9		.08	1.72	5.58												
WEIGHTED AVERAGE																					
436.2	437.8		1.6	1.5			.07	1.45	2.49												
438.4	439.5		1.1	1.0			.02	.05	.07												
439.6	441.3		1.7	1.7			.02	.14	.10												
441.9	443.0		1.1	1.0			.02	.46	.59												
444.7	445.0		.3	.3			.34	3.14	11.09												
445.7	446.5		.8	.7			.03	1.80	2.52												
447.8	452.5		4.7	4.5			.06	.72	1.01												
452.7	453.2		.5	.5			.07	.42	.49												
453.4	455.2		1.8	1.7			.02	.10	.07												
466.0	466.2		.2	.2			.02	1.03	1.65												
466.6	470.9		4.3	4.1			.04	.41	.70												
472.0	472.1		.1	.1			.08	1.72	5.58												

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: N 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DMD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
182.900	174.000	138.000
304.800	167.000	135.000
524.300	177.000	142.000

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.4	0001	#		0.5-	1
27.1	0002	58C		0.5-	1
59.4	0003	583	.	0.5-	1
60.0	0004	586$	.	0.5-	1
64.3	0005	586	&$ BXA	0.5-	1
65.6	0006	586$	.	0.5-	1
67.1	0007	58C		0.5-	1
67.7	0008	58C	BXA	0.5-	1
114.0	0009	580		0.5-	1
133.0	0010	58C	(5D0) 95:05	0.5-	1
134.3	0011	580	.	0.5-	1
143.1	0012	586		0.5-	1
146.6	0013	58C		0.5-	1
148.1	0014	586$	.	0.5-	1
231.8	0015	580	.	0.5-	1
232.7	0016	586$	.	0.5-	1
237.7	0017	580		0.5-	1
242.0	0018	586$	&0	0.5-	1
317.0	0019	58C	(5D0) TR	0.5-	1
318.1	0020	5DC	(5B0) 70:30	0.5-	1
322.9	0021	580		0.5-	1
325.1	0022	5820		0.5-	1
327.7	0023	5DC	(5B0) 80:20	0.5-	1
329.2	0024	580	&2 MINOR	0.5-	1
330.3	0025	5DC	(5B0) 60:40	0.5-	1
372.2	0026	580		0.5-	1
377.2	0027	58C	(5D0) 80:20	0.5-	1
386.2	0028	58C		0.5-	1
386.8	0029	586$		0.5-	1
387.7	0030	5820		0.5-	1
399.1	0031	58C	(5D0) TR	0.5-	1
399.9	0032	586$		0.5-	1
422.8	0033	58C		0.5-	1
423.4	0034	5DC		0.5-	1
433.6	0035	580	&BIO V. MINOR	0.5-	1
435.3	0036	5D6$	-> 5D0	0.5-	1
436.2	0037	5A0	(5D)(5B4) BXA	0.5-	1
438.9	0038	5A91	MINOR BXA	0.5-	1
441.3	0039	5A69	V. MINOR	0.5-	1
442.0	0040	5C84	MINOR	0.5-	1
443.2	0041	5A6$	MINOR 9 MINOR	0.5-	1
444.8	0042	5C87		0.5-	1
445.1	0043	4G4$	7	0.5-	1
445.7	0044	5C67	(5D6) 70:30	0.5-	1
446.5	0045	4E8	&4 (5A691 MINOR) 70:30	0.5-	1
447.8	0046	5C87		0.5-	1
448.0	0047	4E4	BXA	0.5-	1
448.7	0048	4C5	? [5A6491]? [5B6291]	0.5-	1
453.2	0049	4CC7	[4L1247]?	0.5-	1
455.2	0050	5B26	9 &4 [3G96 &4]	0.5-	1
461.2	0051	3GC	STR. ->(3G4 STR.) 95:05	0.5-	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
461.5	0C52	5C$7	MINOR	0.5-	1
466.0	0C53	3GC	STR. MINOR ->(3G4 $TR.)	0.5-	1
466.3	0C54	405	(4LO) 70:30	0.5-	1
466.6	0C55	5D46	9 &3	0.5-	1
468.7	0C56	5A16	9 MIN $ MIN (400) 60:40	0.5-	1
471.0	0C57	4CC	SERICITIC [4L2 &1]	0.5-	1
472.7	0C58	3G9	->3G9 BXA DOWNHOLE	0.5-	1
478.1	0C59	5A61	BXA (3GO) (5D46)	0.5-	1
480.4	0C60	3G96	MINOR ->3G916 MINOR	0.5-	1
481.1	0C61	5D14	MINOR	0.5-	1
482.0	0C62	3F9		0.5-	1
490.0	0C63	3G9	&BXA	0.5-	1
490.4	0C64	5C$	BXA	0.5-	1
494.2	0C65	3GC9	BXA	0.5-	1
497.3	0C66	3FC	CALC-SILICATE	0.5-	1
518.8	0C67	10AB1	&9	0.5-	1
519.4	0C68	18C	[1B13]	0.5-	1
524.3	0C69	10AB1	&9	0.5-	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
4567509	0.0	6.7	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	8.8	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	22.3	CS2		0	0	0	C	65	230	C	1	1	1
4567509	0.0	28.0	CS2	S	0	0	0	C	80	230	C	1	1	1
4567509	0.0	35.7	CS2	S	0	0	0	C	73	230	C	1	1	1
4567509	0.0	39.3	PS2		0	0	0	C	74	230	C	1	1	1
4567509	0.0	45.1	PS2		0	0	0	C	79	230	C	1	1	1
4567509	0.0	53.3	PS2	D	0	0	0	C	70	230	C	1	1	1
4567509	0.0	59.1	PS2		0	0	0	C	74	230	C	1	1	1
4567509	0.0	68.9	CS2	S	0	0	0	C	77	230	C	1	1	1
4567509	0.0	71.9	CS2	Z	0	0	0	C	63	230	C	1	1	1
4567509	0.0	78.0	PS2		0	0	0	C	62	230	C	1	1	1
4567509	0.0	82.3	PS2	S	0	0	0	C	75	230	C	1	1	1
4567509	0.0	90.5	CS2	S	0	0	0	C	74	230	C	1	1	1
4567509	0.0	99.1	CS2	S	0	0	0	C	65	230	C	1	1	1
4567509	0.0	104.5	CS2	S	0	0	0	C	77	230	C	1	1	1
4567509	0.0	112.2	PS2		0	0	0	C	85	230	C	1	1	1
4567509	0.0	115.2	CS2		0	0	0	C	84	230	C	1	1	1
4567509	0.0	120.7	CS2		0	0	0	C	83	230	C	1	1	1
4567509	0.0	126.8	PS2		0	0	0	C	78	230	C	1	1	1
4567509	0.0	131.4	CS2	S	0	0	0	C	78	230	C	1	1	1
4567509	0.0	139.9	PS2		0	0	0	C	79	230	C	1	1	1
4567509	0.0	151.5	CS2		0	0	0	C	79	230	C	1	1	1
4567509	0.0	154.5	PS2		0	0	0	C	76	230	C	1	1	1
4567509	0.0	159.1	PS2		0	0	0	C	85	230	C	1	1	1
4567509	0.0	166.1	CS2		0	0	0	C	89	230	C	1	1	1
4567509	0.0	175.9	PS2		0	0	0	C	77	230	C	1	1	1
4567509	0.0	177.4	CS2	S	0	0	0	C	76	230	C	1	1	1
4567509	0.0	182.0	PS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	190.2	PS2		0	0	0	C	82	230	C	1	1	1
4567509	0.0	196.6	PS2	Z	0	0	0	C	79	230	C	1	1	1
4567509	0.0	206.7	PS2	D	0	0	0	C	82	230	C	1	1	1
4567509	0.0	210.9	CS2	S	0	0	0	C	83	230	C	1	1	1
4567509	0.0	215.5	CS2		0	0	0	C	85	230	C	1	1	1
4567509	0.0	220.7	CS2	S	0	0	0	C	84	230	C	1	1	1
4567509	0.0	226.5	CS2	S	0	0	0	C	78	230	C	1	1	1
4567509	0.0	233.8	CS2		0	0	0	C	82	230	C	1	1	1
4567509	0.0	240.8	PS2		0	0	0	C	81	230	C	1	1	1
4567509	0.0	245.0	CS2		0	0	0	C	87	230	C	1	1	1
4567509	0.0	254.2	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	258.7	CS2	D	0	0	0	C	81	230	C	1	1	1
4567509	0.0	267.3	PS2		0	0	0	C	72	230	C	1	1	1
4567509	0.0	274.9	PS2		0	0	0	C	80	230	C	1	1	1
4567509	0.0	283.1	CS2	S	0	0	0	C	83	230	C	1	1	1
4567509	0.0	289.8	PS2		0	0	0	C	84	230	C	1	1	1
4567509	0.0	294.7	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	301.4	PS2	S	0	0	0	C	63	230	C	1	1	1
4567509	0.0	306.9	CS2	D	0	0	0	C	83	230	C	1	1	1
4567509	0.0	311.5	CS2	Z	0	0	0	C	80	230	C	1	1	1
4567509	0.0	317.0	PS2		0	0	0	C	83	230	C	1	1	1
4567509	0.0	320.0	CS2	S	0	0	0	C	85	230	C	1	1	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
4567509	0.0	325.8	PS2		C	0	0	C	63	230	C	1	1	1
4567509	0.0	331.6	CS2		C	0	0	C	90	230	C	1	1	1
4567509	0.0	335.2	CS2	M	0	0	0	0	77	230	C	1	1	1
4567509	0.0	341.3	CS2	M	0	0	0	C	69	230	0	1	1	1
4567509	0.0	348.6	CS2	M	0	0	0	C	79	230	0	1	1	1
4567509	0.0	358.4	CS2	S	0	0	0	C	85	230	C	1	1	1
4567509	0.0	364.8	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	368.8	CS2		0	0	0	C	90	230	C	1	1	1
4567509	0.0	373.9	PS2		0	0	0	0	89	230	C	1	1	1
4567509	0.0	379.1	PS2		0	0	0	C	84	230	C	1	1	1
4567509	0.0	383.7	CS2	D	0	0	0	C	75	230	C	1	1	1
4567509	0.0	385.3	CS2	S	0	0	0	C	62	230	0	1	1	1
4567509	0.0	387.8	CS2	S	0	0	0	C	82	230	C	1	1	1
4567509	0.0	394.7	PS2		0	0	0	0	75	230	0	1	1	1
4567509	0.0	397.4	CS2	D	0	0	0	C	76	230	C	1	1	1
4567509	0.0	403.5	CS2	S	0	0	0	C	80	230	0	1	1	1
4567509	0.0	412.3	CS2	S	0	0	0	0	85	230	C	1	1	1
4567509	0.0	417.8	CS2		0	0	0	C	70	230	C	1	1	1
4567509	0.0	425.1	CS2		0	0	0	C	68	230	C	1	1	1
4567509	0.0	430.9	CS2		0	0	0	C	80	230	C	1	1	1
4567509	0.0	433.7	PS2		0	0	0	C	69	230	C	1	1	1
4567509	0.0	444.3	CS2		0	0	0	C	62	230	C	1	1	1
4567509	0.0	449.5	PS2		0	0	0	0	75	230	0	1	1	1
4567509	0.0	457.2	PS2		0	0	0	C	78	230	0	1	1	1
4567509	0.0	462.6	PS2		0	0	0	C	76	230	C	1	1	1
4567509	0.0	465.4	PS2		0	0	0	0	86	230	C	1	1	1
4567509	0.0	471.5	PS2		0	0	0	0	78	230	0	1	1	1
4567509	0.0	479.7	PS2		0	0	0	0	66	230	0	1	1	1
4567509	0.0	487.6	PS2		0	0	0	0	58	230	C	1	1	1
4567509	0.0	496.5	PS2		0	0	0	0	50	230	0	1	1	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC	CO	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
4567509	0.0	17.0	1G				0	0	0	0	0	0	1
4567509	47.8	50.9	RP	1			0	0	0	0	0	0	1
4567509	60.0	62.1	3G	4			0	0	0	0	0	0	1
4567509	60.0	64.3	3XG	3			0	0	0	0	0	0	1
4567509	62.1	64.3	3XR	2			0	0	0	0	0	0	1
4567509	64.3	65.5	1XQ				0	0	0	0	0	0	1
4567509	67.0	67.6	3X				0	0	0	0	25	0	1
4567509	95.4	97.5	3B				0	0	0	0	0	0	1
4567509	143.2	145.3	3BP	4			0	0	0	0	0	0	1
4567509	146.6	148.1	1B				0	0	0	0	0	0	1
4567509	178.3	179.0	2G				0	0	0	0	99	999	1
4567509	215.4	215.9	T				0	0	0	0	0	0	1
4567509	237.7	238.9	2B				0	0	0	0	0	0	1
4567509	238.9	239.2	1G				0	0	0	0	0	0	1
4567509	239.2	240.1	1B				0	0	0	0	0	0	1
4567509	240.1	240.4	RG				0	0	0	0	0	0	1
4567509	242.0	270.0	1B				0	0	0	0	0	0	1
4567509	270.0	270.6	T1R				0	0	0	0	0	0	1
4567509	324.0	324.3	R				0	0	0	0	0	0	1
4567509	322.9	325.0	T				0	0	0	0	0	0	1
4567509	352.0	356.9	3BR				0	0	99	999	0	0	1
4567509	385.8	386.1	R				0	0	0	0	0	0	1
4567509	386.7	386.9	2G				99	999	0	0	0	0	1
4567509	399.1	399.4	3BR				0	0	0	0	0	0	1
4567509	419.4	419.7	C?R				0	0	0	0	0	0	1
4567509	422.4	422.7	3X				0	0	0	0	0	0	1
4567509	423.3	424.2	S1X				0	0	0	0	0	0	1
4567509	435.1	436.0	3X				0	0	0	0	0	0	1
4567509	436.0	438.9	1XS				0	0	0	0	0	0	1
4567509	438.9	441.3	1X				0	0	0	0	0	0	1
4567509	0.0	442.8	3X				0	0	0	0	0	0	1
4567509	445.0	445.3	D?				0	0	0	0	0	0	1
4567509	0.0	445.3	3X				0	0	0	0	0	0	1
4567509	445.9	446.5	1XD				0	0	0	0	0	0	1
4567509	447.7	448.0	2X				0	0	0	0	0	0	1
4567509	453.2	455.0	1X				0	0	0	0	0	0	1
4567509	[illegible]	466.0	1X				0	0	0	0	0	0	1
4567509	0.0	470.9	1F				0	0	20	0	0	0	1
4567509	470.9	478.0	3X				0	0	0	0	0	0	1
4567509	0.0	481.1	3X				0	0	0	0	0	0	1
4567509	482.0	489.9	2X				0	0	0	0	0	0	1
4567509	489.9	490.4	3SQ				0	0	0	0	0	0	1
4567509	490.4	494.2	3X				0	0	0	0	0	0	1
4567509	435.1	497.2	3F				0	0	0	0	0	0	1
4567509	497.2	518.7	1XS				0	0	0	0	0	0	1
4567509	519.3	524.2	S1X				0	0	0	0	0	0	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHO CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
4567509	1	2
4567509	2	2
4567509	3	2
4567509	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 16:18:24

DRILL HOLE : 45675C9
NORTHING : 905,787.0
EASTING : 591,302.0
ELEVATION : 1,303.0
TOTAL DEPTH : 524.2
SECTION : W 116
R.F.E. : S2
RFE DIRECTION: 230
PLUNGE ANGLE : 11
PLUNGE DIRECT: 312
DHD CALC: 1
SS CALC: 1

DETAIL RECORD COUNTS:

NOS ORE-SAMPLES:	20
NOS DOWN-H-SURVEYS:	4
NOS DOWN-H-LITHOLOGY:	22
NOS DOWN-H-STRUCTURE:	42
NOS DOWN-H-FAULTS:	18
NOS DOWN-H-SPLINES:	4
NOS COMPOSITES:	0

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

----DEPTHS--- FROM	TO	SAMPLE NO.	INT.	REC.	ROCK UNIT	S.G. PULP	ASSAYS CU %	PB %	ZN %	AG(AA) G/MT	AG(FA) G/MT	AU(FA) G/MT	PO %	PY %	TOT FE	BAD %	HG %	MN %	AS %	BA %	S.G. W.R.
436.2	436.7	92126	.5	.5	4A4		.07	1.89	4.08												
436.7	437.8	92127	1.1	1.0	4A0		.07	1.25	1.78												
438.4	439.5	92128	1.1	1.0	4A0		.02	.05	.07												
439.6	441.3	92129	1.7	1.7	4A0		.02	.14	.10												
441.9	443.0	92130	1.1	1.0	4A0		.02	.46	.59												
444.7	445.0	92131	.3	.3	4E4		.34	3.14	11.09												
445.7	446.0	92132	.3	.2	4H3		.04	1.50	1.78												
446.0	446.2	92133	.2	.2	4A0		.02	.34	.59												
446.2	446.5	92134	.3	.3	4H3		.04	3.08	4.55												
447.8	448.0	92135	.2	.2	4D0		.05	3.37	5.51												
448.0	449.3	92136	1.3	1.3	4C0		.08	1.01	1.02												
449.3	450.6	92137	1.3	1.2	4C0		.05	.53	.73												
450.6	452.5	92138	1.9	1.8	4C0		.05	.38	.71												
452.7	453.2	92139	.5	.5	4C0		.07	.42	.49												
453.4	455.2	92140	1.8	1.7	5B6		.02	.10	.07												
466.0	466.2	92141	.2	.2	4C0		.02	1.03	1.65												
466.6	468.6	92142	2.0	2.0	4L0		.02	.53	1.13												
468.6	469.6	92143	1.0	.9	5B4		.05	.38	.24												
469.6	470.9	92144	1.3	1.2	5B4		.05	.26	.39												
472.0	472.1	92145	.1	.1	4D0		.08	1.72	5.58												
WEIGHTED AVERAGE																					
436.2	437.8		1.6	1.5			.07	1.45	2.49												
438.4	439.5		1.1	1.0			.02	.05	.07												
439.6	441.3		1.7	1.7			.02	.14	.10												
441.9	443.0		1.1	1.0			.02	.46	.59												
444.7	445.0		.3	.3			.34	3.14	11.09												
445.7	446.5		.8	.7			.03	1.80	2.52												
447.8	452.5		4.7	4.5			.06	.72	1.01												
452.7	453.2		.5	.5			.07	.42	.49												
453.4	455.2		1.8	1.7			.02	.10	.07												
466.0	466.2		.2	.2			.02	1.03	1.65												
466.6	470.9		4.3	4.1			.04	.41	.70												
472.0	472.1		.1	.1			.08	1.72	5.58												

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	ZENITH	AZIMUTH
0.000	180.000	0.000
182.900	174.000	138.000
304.800	167.000	135.000
524.300	177.000	142.000

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,302.0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: 52 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DEPTH	UNIT	CODE	DESC	RECOVERY	IND
6.4	0001	#		0.5-	1
435.8	0002	5B0		0.5-	1
443.1	0003	4A0	(4A4) T.O.I.	0.5-	1
444.8	0004	5D0	-> 4L3	0.5-	1
445.1	0005	4E4		0.5-	1
445.7	0006	5D0	-> 4L3	0.5-	1
445.9	0007	4H3		0.5-	1
446.2	0008	4A0		0.5-	1
446.5	0009	4H3		0.5-	1
447.7	0010	5D0	-> 4L3	0.5-	1
453.2	0011	4C0	(4D0) T.O.I. ->4L0	0.5-	1
466.0	0012	5B6		0.5-	1
466.2	0013	4C0		0.5-	1
466.6	0014	5B4	-> 5B46	0.5-	1
468.6	0015	4L0	-> 5B96	0.5-	1
471.0	0016	5B4	-> 5B46	0.5-	1
472.0	0017	5B6		0.5-	1
472.1	0018	4D0		0.5-	1
482.4	0019	4A0		0.5-	1
495.0	0020	5AC		0.5-	1
497.2	0021	3F0		0.5-	1
524.3	0022	10AB0		0.5-	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591, .0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 11
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT SYMTRY	S0 ANGLE	S0 DIRECT	S1 ANGLE	S1 DIRECT	S2 ANGLE	S2 DIRECT	RFE CDE	DHDC	SDC	PROCESS
4567509	0.0	10.0		0	0	0	0	75	230	0	1	1	1
4567509	0.0	12.1		0	0	1	0	0	0	0	1	0	0
4567509	0.0	26.5		0	0	25	0	68	230	0	1	0	0
4567509	0.0	46.3		0	0	0	0	80	230	0	1	1	1
4567509	0.0	49.0		0	0	1	0	0	0	0	1	0	0
4567509	0.0	67.0		0	0	0	0	80	230	0	1	1	1
4567509	0.0	78.6		0	0	1	180	76	230	0	1	1	1
4567509	0.0	93.9		0	0	1	180	75	230	0	1	1	1
4567509	0.0	108.2		0	0	15	180	80	230	0	1	1	1
4567509	0.0	122.5		0	0	1	180	75	230	0	1	1	1
4567509	0.0	144.7		0	0	10	180	77	230	0	1	1	1
4567509	0.0	166.1		0	0	1	180	82	230	0	1	1	1
4567509	0.0	180.7		0	0	1	180	0	0	0	1	0	0
4567509	0.0	181.9		0	0	0	0	80	230	0	1	1	1
4567509	0.0	199.6		0	0	0	0	80	230	0	1	1	1
4567509	0.0	214.5		0	0	1	180	85	230	0	1	1	1
4567509	0.0	242.9		0	0	1	180	85	230	0	1	1	1
4567509	0.0	257.8		0	0	1	180	85	230	0	1	1	1
4567509	0.0	274.9		0	0	1	180	85	230	0	1	1	1
4567509	0.0	294.4		0	0	1	180	80	230	0	1	1	1
4567509	0.0	308.4		0	0	1	180	87	230	0	1	1	1
4567509	0.0	322.1		0	0	1	180	80	230	0	1	1	1
4567509	0.0	338.9		0	0	1	180	83	230	0	1	1	1
4567509	0.0	343.5		0	0	1	180	85	230	0	1	1	1
4567509	0.0	360.8		0	0	1	180	82	230	0	1	1	1
4567509	0.0	380.2		0	0	1	180	83	230	0	1	1	1
4567509	0.0	380.8		0	0	0	0	68	230	0	1	1	1
4567509	0.0	383.7		0	0	1	180	80	230	0	1	1	1
4567509	0.0	397.1		0	0	1	180	80	230	0	1	1	1
4567509	0.0	413.1		0	0	1	180	82	230	0	1	1	1
4567509	0.0	423.0		0	0	1	180	80	230	0	1	1	1
4567509	0.0	430.3		0	0	1	180	75	230	0	1	1	1
4567509	0.0	434.9		0	0	0	0	68	230	0	1	1	1
4567509	0.0	440.1		0	0	0	0	55	230	0	1	1	1
4567509	0.0	443.5		0	0	0	0	60	230	0	1	1	1
4567509	0.0	448.6		0	0	0	0	70	230	0	1	1	1
4567509	0.0	468.4		0	0	0	0	80	230	0	1	1	1
4567509	0.0	471.5		0	0	0	0	70	230	0	1	1	1
4567509	0.0	481.8		0	0	1	180	80	230	0	1	1	1
4567509	0.0	489.2		0	0	60	0	60	230	0	1	1	1
4567509	0.0	494.9		0	0	0	0	55	230	0	1	1	1
4567509	0.0	496.5		0	0	0	0	70	230	0	1	1	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,[illegible]0 UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: -1 SS CALC: 1

DDH	F DEPTH	T DEPTH	FEAT	REC CD	PARLL	UPPER PLANE		INTERNAL PLANE		LOWER PLANE		DHD
4567509	16.7	17.0	G			0	0	0	0	0	0	1
4567509	61.8	62.1	G			0	0	0	0	0	0	1
4567509	62.1	64.3	XP	2		0	0	0	0	0	0	1
4567509	84.1	84.4	XQ			0	0	0	0	0	0	1
4567509	95.8	96.0	XQ			0	0	0	0	0	0	1
4567509	177.2	177.3	G			0	0	0	0	0	0	1
4567509	178.3	179.2	G			0	0	0	0	0	0	1
4567509	239.8	240.4	G			0	0	0	0	0	0	1
4567509	352.0	352.6	G			0	0	0	0	0	0	1
4567509	356.6	357.0	G			0	0	0	0	0	0	1
4567509	351.1	358.4	BGF			0	0	0	0	0	0	1
4567509	381.0	381.4	X			0	0	0	0	0	0	1
4567509	423.0	423.6	Q			0	0	0	0	0	0	1
4567509	431.5	433.4	X			0	0	0	0	0	0	1
4567509	441.3	441.9	G?			0	0	0	0	0	0	1
4567509	473.9	474.5	G?			0	0	0	0	0	0	1
4567509	476.7	478.2	G?			0	0	0	0	0	0	1
4567509	481.1	482.4	XQ			0	0	0	0	0	0	1

DDH: 4567509 UTM-N: 905,787.0 UTM-E: 591,[illegible]J UTM-ELEV: 1,303.0 TOTAL DEPTH: 524.2 SECTION: W 116
RFE: S2 RFE DIR: 230 PLUNGE ANGLES: 11 312 DHD CALC: 1 SS CALC: 1

DDH	SEGMENT NOS	COND INDICATOR
4567509	1	2
4567509	2	2
4567509	3	2
4567509	4	1

**THIS REPORT WAS REQUESTED BY: LEEP .GEOLOGY AT: 09:10:32

Feet

from 1975 A. Jansen's log

get assays from log
Change oz/ton → g/tonne

DDH 4567509 (2–8) Cyprus Anvil Mining Corp

Page ____ of ____

Logged by with × 34.2857

ASSAY LOG (SAMPLER'S COPY) Date ____ Sampled by ____

CODE	FROM	TO	SAMPLE	INTR.	REC (m)	UNIT	DESCRIPTION
1	10–14	16–20	22–26	28–30	32–34	36–40	42
P	14131 3	14131 3	921216	1 7	1 7	14A41	
P	14131 3	14131 6	921217	13 4	13 4	14A01	
P	14131 8	14141 2	921218	13 5	13 5	14A01	
P	14141 2	14141 8	921219	15 6	15 6	14A01	
P	14150 1	14153 5	921220	13 4	13 4	14A01	
P	14159 3	14161 0 3	921311	1 0	1 0	14E41	
P	14161 2 5	14161 3 3	921312	10 8	10 8	14H31	
	14161 3 3	14161 4 0	921313	10 7	10 7	14A01	
	14161 4 0	14161 5 2	921314	1 2	1 2	14H31	
	14161 9 2	14171 0 0	921315	10 8	10 8	14D01	
	14171 0 0	14171 4 4	921316	14 4	14 4	14C01	
	14171 4 4	14171 8 6	921317	14 2	14 2	14C01	
	14171 8 6	14181 4 7	921318	16 1	16 1	14C01	
	14181 5 5	14181 7 2	921319	1 7	1 7	14C01	
	14181 7 7	14191 3 5	921410	15 8	15 8	15B161	
	15121 9 0	15121 9 8	921411	10 8	10 8	14C101	
	15131 0	15131 7 7	921412	16 7	16 7	14L101	
	15131 7 7	15141 0 9	921413	13 2	13 2	15B141	
	15141 0 9	15141 5 0	921414	14 9	14 9	15B141	
	15141 8 6	15141 9 0	921415	10 4	10 4	14D01	

C.A.M.C. 1981 - E - 5

Feet

FAULT

from A. Jansen's 1975 log

DDH 4.5.6.7.5.0.9 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sys	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	1515 0	1516 0	G 1					soft, punky clay zone
F	1201 30	1201 40	G 1					soft punky clay zone
F	1201 40	1211 0	X P 1	2				21% recovery, bxa zone
F	1217 60	1217 70	X Q 1					bxiated phyllite, $CaCO_3$ cemented
F	1311 45	1311 50	X Q 1					" " " "
F	1581 15	1581 20	G 1					soft clayey punky zone
F	1581 50	1581 80	G 1					soft clayey punky zone
F	1781 70	1781 90	G 1					soft clayey fault zone
F	1115 50	1115 70	G 1					soft clayey fault zone
F	1117 00	1117 15	G 1					soft clayey fault zone
F	1115 20	1117 60	B G F					poorly cohesive w/ several clay & fragmented core zones
F	1215 10	1215 15	X 1					phyllite bxa - $CaCO_3$ cemented
F	1318 80	1319 10 0	Q 1					$CaCO_3$ zone
F	1411 60	1412 20	X 1					bxiated appearance — boudinage & fragment of $CaCO_3$ layers and cross cutting fibrs
F	1414 80	1415 10 0	G ? 1					soft clayey section
F	1515 50	1515 70	G ? 1					bleached clayey zone
F	1516 40	1516 90	G ? 1					clayey graphitic zone
F	1517 85	1518 30	X Q 1					carbonate cemented bxiated graphitic phyllite

C.A.M.C. 1981 - E - 4

Feet

DDH 456.7509 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		15317 0					810 2310	
S		15417 0					710 2310	
S		15817 0				011 0010 (180)	810 2310	
S		16105 0				610 0101 0	610 2310	
S		16214 0					515 2310	
S		16219 0					710 2310	

C.A.M.C. 1981 - E - 4

Feet

from 1975 log by U. Jansons

DDH 4.5.6.7.5.0.9 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Page _____ of _____

Date: _____ Logged By: _____

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		1330					715 2310	
S		1410				011 180 0100		
S		1870				215 180 0100	618 2310	
S		11520					810 2310	
S		11610				011 180 0100		
S		12200					810 2310	
S		12580				011 180 0100	716 2310	
S		13070				010 180 0100	715 2310	
S		13550				115 180 0100	810 2310	
S		14020				010 180 0100	715 2310	
S		14750				110 180 0100	717 2310	
S		15145 0				013 180 0100	812 2310	
S		15930				011		
S		15970					810 2310	
S		16550					810 2310	
S		17040				011 180 0100	815 2310	
S		17970				011 180 0100	815 2310	
S		18460				010 180 0100	815 2310	
S		19020				011 180 0100	815 2310	
S		19660				010 180 0100	810 2310	
S		110120				011 180 0100	817 2310	
S		10570				011 180 0100	810 2310	
S		11120				011 180 0100	813 2310	
S		11270				011 180 0100	815 2310	
S		11840				011 180 0100	812 2310	
S		12475				011 180 0100	813 2310	
S		12495					618 2310	
S		12590				011 180 0100	810 2310	
S		13090				011 180 0100	810 2310	
S		13555				011 180 0100	812 2310	
S		13880				011 180 0100	810 2310	
S		14120				011 180 0100	715 2310	
S		14270					618 2310	
S		14440					515 2310	
S		14550					610 2310	
S		14720					710 2310	

C.A.M.C. 1981 - E - 4

Feet

DDH 45,675,09 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Re-Logged By: RBT

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0	210	1	#	Overburden
L	210	14310	2	5B0	(4A4) T.O.I.;
L	14310	14540	3	4A0	See Jansons log for assayed intervals; ≈ 1% comb Pb+Zn
L	14540	14595	4	5D3	→ 4L3
L	14595	14605	5	4E4	See Jansons log for assayed values; 14.3% comb.
L	14605	14625	4	5D3	→ 4L3 as unit 4
L	14625	14632	7	4H3	See Jansons log for assayed values; 3.3% comb.
L	14632	14640	8	4A0	" " " " " " ; 0.95% "
L	14640	14651	9	4H3	" " " " " " ; 7.64% comb
L	14651	14690	10	5D3	→ 4L3 as units 4,6
L	14690	14870	11	4C0	(4D0) T.O.I. → 4L0; See Jansons log for assayed values; ≈ 1% comb.
L	14870	15290	12	5B6	
L	15290	15298	13	4C0	2.69% comb. Pb+Zn.
L	15298	15310	14	5B4	→ 5B46
L	15310	15377	15	4L0	→ 5B96; 1.67% comb.
L	15377	15455	16	5B4	→ 5B46; ≈ 0.60% comb.
L	15455	15486	17	5B6	
L	15486	15490	18	4D/C0	7.32% comb.
L	15490	15830	19	4A0	No assayed intervals
L	15830	16244	20	5A0	
L	16244	16315	21	3F0	
L	16315	17200	22	10A80	

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 456-75-09

Fabric Orientation Diagram:

Project: Anvil

Location: Vangorda Plateau

Claim: Tic

Terr. Plane Co-ords.: 6905787 N N

591302 E E

Approx. only based on 1:5000 map + clearing

Grid Co-ords.: L 11 6S, 1+00N

KA/AEX Grid

All symmetry determinations looking _____ with _____ dipping

Elevation: ≈ 4310 (MSL) 1303m. (approx) with dip azimuth _____.

Total Depth: 1720'

Purpose: Test Extension of Grum Deposit onto Tic (assessment)

Logged by: D.S.J. Date(s) Logged: _____

Drilling Contractor: Arctic

Core:	Size	From	To
	BQ	0	1720'

Collar Cased and Capped: NO

Started: 20 Apr., 1975 Completed: 3 May, 1975

Cyprus Anvil Mining Corp. Page 2 of _____

DDH 4567509 (2–8)

Diamond Drill Core Log Date: _____ Logged By: _____

Code	Drillhole	Elevation	Northing	Easting	Units (feet/metres)	R.F.E.	
1	2 8	10 16	17 24	25 32	34 39	41 42	
T	4567509	13030.0	9057871.0	5913012.0	FEET	S2	

Feet

Code	Drillhole	Depth	Zenith Angle	True Azimuth	Comments
1	2 8	10 14	22 26	28 32	34 56
R	4567509	100	180.0	10.0	AT COLLAR
R	4567509	16010	174.0	138.0	ACID TEST -1 AZIMUTHS
R	4567509	19010	167.0	135.0	FROM FAIGA0614
R	4567509	17210	171.0	142.0	

Code	Drillhole	Comments, Errant Remarks, Snivellings and / or Lewd Suggestions
1	2 8	10 56
C	4567509	ACID TEST -1 AZIMUTHS FROM FAIGA0614

C.A.M.C. 1981-E-2

FAULT

DDH 456750.9 (2 / 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log Date: ____ Logged By: ____

Feet

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	131019 S	131105	31BR					rubble to strongly brkcn
F	131760	131770	C?R					driller induced rubble
F	131810	131870	3X1					incip crackle bxa changes
								rapidly into flaser flkd
								fault rock fltn at
								40° to core axis
F	131890	131920	S1/X					sheared w/ incipient
								crackle bxa
F	141217 S	141305	3X1					typical fault rock
								texture a la TIE FAULT
F	141305	141400	1X1S					flaser texture & sheared
								appearance
F	141410	141480	1X1					bxa locally developed
								along late step fractures
F		141513	3X1					2" strongly flkd w/
								flaser fltn texture.
								bxa
F	141610	141610	D?1					ductile flow intrusion?
F		141610	3X1					upper contact flaser
								textured bxa
F	141613	141650	1X1D					locally S= in S= bxa
								texture
F	141690	141700	2X1					S= in S= bxa locally
F	141870	141930	1X1					locally well developed
								flaser fltn bxa texture
F		152190	1X1					flaser fltn bxa
F		152450	1F			210 000		minor fault @ 20/000
F	152450	152685	3X1					flaser fltn bxa texture
F		152785	3X1					bxa texture
F	152810 S	161075	2X1					local bxa
F	161075 S	161090	3S1Q					strongly sheared, fractured
								veined
F	160990	161215	3X1					fault bxa
F	163115	170220	1X1S					locally fault bxa w/
								C ¢ S bands
F	170140	172100	S1/X					qtz ribbon fltn. / locally

C.A.M.C. 1981 - E - 4

F 142705 163105 3F TIE FAULT C ¢ S bands

EOH

FAULT

DDH 456.75.09 (2 Feet 8) Cyprus Anvil Mining Corp. Page ____ of ____

Structural Log (REC) Date: ____ Logged By: ____

Code	From	To	Feature	Sym	S_0 Dip Direct. (UPPER)	S_1 Dip Direct. (INT)	S_2 Dip Direct (LOWER)	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
F	10 0	1516 0	1G					IND, incipient gouge
F	11517 0	11617 0	RP	1				1 ft of rubble recovered
F	11917 0	12111 0	3IXIG	3				fault brx & gouge
								4½/14 ft recovered
F	11917 0	12014 0	3IG	4				3'/7' gouge
F	12014 0	12111 0	3IXIR	2				rubble & fault brx / 1½'/7' recov.
F	12111 0	12115 2	1IXIQ					some cradle brx at 20°/Core Axis
F	12210 0	12212 0	3IXI				25 0100	fault rock – qtz, cc, phyllic
								clasts in rock flour matrix
								upper contact drilled away
								lower 11 qtz vein @ 25/000
F	13113 0	13210 0	3IBI					mod to str. broken / local
								rubble & incipient gouge
F	14710 0	14717 0	3IBIP	4				mod. to str. broken 2'/5' recov.
F	14811 0	14816 0	1IBI					intact to mod. broken
F	15815 0	15817 5	2IG				999 9999	gouge & incip. gouge
								lower contact 11S2 (artificial)
								upper IND
F	17017 0	17018 5	TI					poker chippy
F	17800	17814 0	2IBI					mod. broken
F	17814 0	17815 0	1IG					incipient gouge
F	17815 0	17818 0	1IBI					intact to mod. broken
F	17818 0	17819 0	RIG					rubble, incip. gouge, gouge
F	17914 0	18816 0	1IBI					intact to mod. broken
F	18816 0	18818 0	TIIR					poker chippy, local rubble
								& gouge (incipient)
F	10519 5	10616 5	TI					poker chippy
F	10613 0	10614 0	RI					rubble, fractures 20°/core axis
F	11515 0	11717 0	3IBIR			999 9999		mod. to str. broken, local
								rubble & incip gouge zones
								11S2
F	12616 0	12617 0	RI					rubble
F	12619 0	12619 5	2IG		999 9999			gouge upper contact
								11S2 nearly fractures
								have ~~gouge~~ angle 45°/C.A.

C.A.M.C. 1981 - E - 4