

015171

VANGORDA DDH LOGS

(Exploration)

1979 and 1981

plot @ 1000 scale.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-VX-1

Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

Terr. Plane Co-ords.: \_\_\_\_\_ N

\_\_\_\_\_ E

JTM Grid Co-ords.: 6,903,098.3

593,824.5

Elevation: 1123.23 meters

Total Depth: 1270.0 ft.

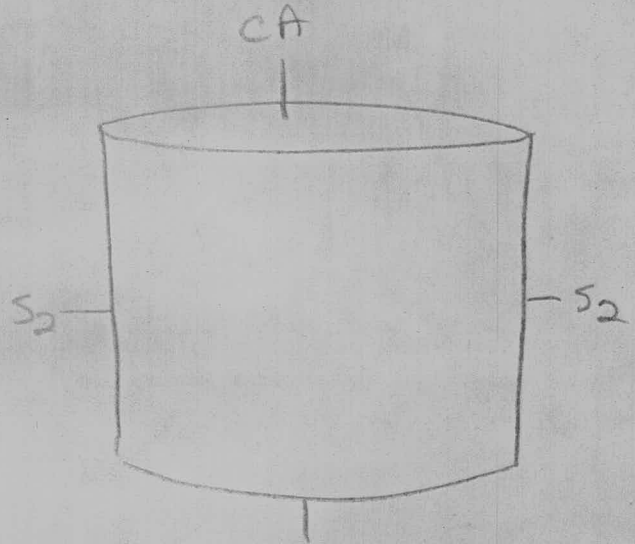
Purpose: \_\_\_\_\_

Logged by: J.W.M. Date(s) Logged: \_\_\_\_\_

Drilling Contractor: A.D.D. Core: Size From To Collar Cased and Capped: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



All symmetry determinations looking NW with S2 dipping Sw with dip azimuth 220.



DDH 7.9 - V.X - 1  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

Logged By: JWM

Code	From	To	Unit	Code	Description	
	10	14	16	20	22 23 25 27	
35	L	100	1150	01		TRICONED, NO CORE
41.7	L	1150	1370	02	5B26	grey phyllitic - absence of chlorite.
47.8	L	1370	1570	03	5A1*	graphitic grey - probable fault zone - where core is preserved, silica bands abundant.
51.5	L	1570	1690	04	5A6	
52.3	L	1690	1715	05	5D0	calcareous
57.0	L	1715	1870	06	5A6	
70.4	L	1870	2310	07	5A10	variably calcareous
70.7	L	2310	2320	08	0D0	
78.3	L	2320	2570	09	5A0	variably calcareous as in unit 07
82.0	L	2570	2690	10	5A3	rapid reaction with Hcl. (10%) "very calcareous"
97.5	L	2690	3200	11	5A10	variably calcareous
101	L	3200	3330	12	5A3	as in unit 10
104.0	L	3330	3400	13	5A9	typical "ribbon bonded" texture similar to 4A, seams + threads of silica with minor sulfides. py = po ± 2-3% non-calc.
106.6	L	3400	3498	14	5D0	calcareous Z.Rk. not phyllitic
110.5	L	3490	3625	15	5B7	variably calcareous
115.0	L	3625	3760	16	4L5	weak development of 4L, altered 5B7 as above. trace amounts of po
121	L	3760	3971	17	5D10	as in unit 15, Z.Rk.
130.9	L	3971	4295	18	5D7	laminarily bonded, finely bonded, minor carbonates
142.0	L	4295	4648	19	5D0	Z.Rk. as in unit 14+17
213.7	L	4648	7010	20	3G3	very calcareous throughout, minor bands carbonaceous regions overall very homogeneous suit in this sections, minor biotitic rich intervals throughout, unit possibly is 3D8

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
223.8	L	7010	7372	21	369	3	(3D639)?	this intervals resembles 5B2 graphitic horizon within 3G?
242.5	L	7392	7955	22	363	9		as in unit 20, but more carbon,
242.8	L	7955	7965	23	090			
253.0	L	7965	8300	24	369	3		as in unit 21, minor pot py throughout.
290.6	L	8300	9535	25	363			carbonaceous towards beginning of interval; locally grades to 3D78 throughout especially towards end of interval. Similar to unit 22+20, generally biotitic-phylitic
296.7	L	9535	9733	26	3DA	3		carbonaceous throughout.
297.0	L	9733	9775	27	3EB			variably calcareous.
297.1	L	9775	9800	28				graphitic gouge.
317.9	L	9800	10430	29	3EB			variably calcareous, very fine grained foliaform py $\approx$ po $\approx$ 0.5% throughout, also as fine veinlets, typical graphitic phyllite throughout.
319.4	L	10430	10480	30	3D3	4		resembles 4L, but <u>doubt it</u>
343.3	L	10480	11262	31	3EB			as in unit 29, py 700 total sulfide content > unit 29, locally over 1-3 cm resembles 4A0 (2A0) though silica generally absent.
343.6	L	11262	11272	32	3D3	4		as in unit 30
345.6	L	11272	11340	33	3EB			as in unit 31
346.6	L	11340	11370	34	3D3	4		as in units 30, 32
353.1	L	11370	11585	35	3EO			variably calcareous, as in unit 31
355.7	L	11585	11670	36	3DA	7		
359.1	L	11670	11780	37	3D3			
367	L	11780	11940	38	3EO			variably calc.
369.3	L	11940	12117	39	3D8			carbonaceous
369.8	L	12117	12132	40	3H0			?
372.5	L	12132	12220	41	3D8			as in unit 39
387.1	L	12220	12700	42	3D3			EDH.

DDH 79-VX-1  
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Cyprus Anvil Mining Corp.

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## Structural Log

Logged By: NMM

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S			11160		PSZ				75	220	R region 115.0-167.0 m
S			1370		PSZ				50	220	w/ minor S & Z as below
S			1570		PSZ				25	220	(mainly SDBSA)
S			1670		PSZ				25	220	S symm. observed @ 162'
S			1720		PSZ		9		30	220	
S			1870		PSZ				20	220	
S			1970		PSZ				20	220	
A			2060		PSZ				25	220	S sym. observed @ 206
S			2116		PSZ				15	220	
S			2280		PSZ				10	220	
S			2360		PSZ				40	220	
S			2450		PSZ				05	220	
S			2550		PSZ				05	220	
S			2580		PSZ				26	220	
S			2670		PSZ				95	220	
S			2810		PSZ				95	220	Z sym. observed at 283
S			2960		PSZ				50	220	
S			3100		PSZ				60	220	S symm. observed at 30'
S			3200		PSZ				50	220	
S			3270		PSZ				47	220	
S			3430		PSZ				65	220	
S			3530		PSZ				57	220	
S			3690		PSZ				65	220	
S			3770		PSZ				54	220	
S			3870		PSZ				65	220	
S			4000		PSZ				64	220	
S			4180		PSZ				65	220	
S			4300		PSZ				65	220	
S			4400		PSZ				70	220	
S			4670		FZR				80	220	PSZ region 467.0-705.0
S			4770		PSZ				80	220	
S			4870		PSZ				80	220	
S			4970		PSZ				75	220	
S			5110		PSZ				80	220	
S			5240		PSZ				60	220	
S			5360		PSZ				70	220	

Structural Log

Logged By: JWM

Code	From			To			Feature	Sym	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20	22	24			26	28	Dip	Direct.	
S				15520			PS2				75	220	
S				5710			PS2				60	220	
S				5810			PS2				60	220	
S				6070			PS2				70	220	
S				6170			PS2				65	220	
S				6280			PS2				62	220	
S				6420			PS2				68	220	
S				6670			PS2				55	220	
S				6770			PS2				65	220	
S				7050			F2P				60	220	
S													
S													
S				7230			CS2				60	220	
S				7300			F2E				72	220	S symm 705-730'
S				7390			F2E				65	220	E symm 730-739
S				7550			CS2				65	220	one E symm observed
S				7630			F2S				75	220	at 745', S sym. 739-76
S				7750			F2P				75	220	DSZ 763-775
S				7870			CS2				70	220	S region 775.0-810.0
S				7970			CS2				70	220	
S				8100			F2S				74	220	
S				8125			F2E						Small E region 810.0-812.5
S				8280			F2S				70	220	S region 812.5-828.0
S				8470			PS2				70	220	PS2 region 828.0-974.0
S				8670			PS2				71	220	
S				8870			PS2				66	220	
S				9070			PS2				85	220	
S				9170			PS2				70	220	
S				9370			PS2				65	220	
S				9510			PS2				62	220	
S				9740			F2P				64	220	R region 974.0-1158.0
S				10090			PS2				75	220	
S				10140			PS2				73	220	
S				10230			PS2				65	220	
S				10320			PS2				10	220	Steep S2 1023-1032
S				10570			PS2				65	220	E 10°

## Structural Log

Code	From		To		Feature	Sym	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24 26 28			Dip	Direct.	Dip	Direct.	
S			10620		PSZ			65	220		
S			10840		PSZ			80	220		
S			11090		PSZ			67	220		
S			11290		PSZ			80	220		
S			11580		FZR			70	220	PS2 region 1158.0-1175.0	
S			11750		FZP			75	220	R region 1175.0-1194.0	
S			11890		PSZ			74	220		
S			11940		FZR						
S			12090		PSZ			80	220	PS2 region 1194.0-1270.0	
S			12220		PSZ			80	220		
S			12460		PSZ			78	220		
S			12700		FZP			80	220		
			1E10H								

plot @ 1000 scale

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 79-VX-2

Fabric Orientation Diagram:

Project: VANGORDA

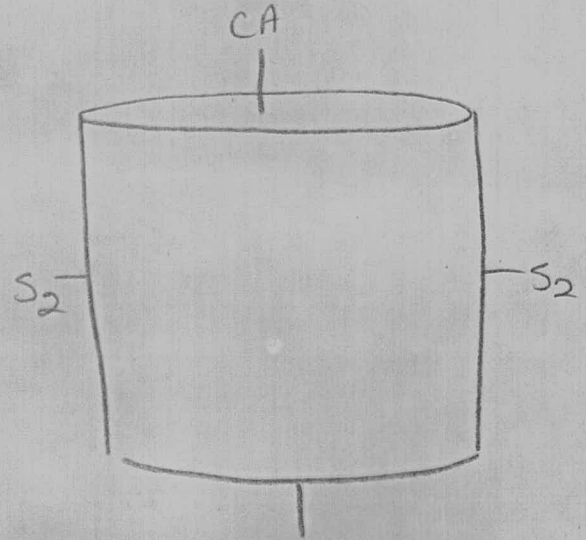
Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM Terr. Plane Co-ords.: 6902649.4 N

594,239.1 E

Grid Co-ords.: \_\_\_\_\_



All symmetry determinations looking

NW with S2 dipping

SW with dip azimuth 220°.

Elevation: 1173.75 m.

Total Depth: 1397.0

Purpose: \_\_\_\_\_

Logged by: JWM Date(s) Logged: \_\_\_\_\_

Drilling Contractor: A.D.D Core: Size From To Collar Cased and Capped: \_\_\_\_\_

Core	Size	From	To	Collar Cased and Capped

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



Lithologic Log

m  
6.4  
37.9  
47.0  
61.9  
67.7  
67.9  
78.5  
83.1  
92.4  
95.7  
97.9  
107.3  
13.4  
13.8

Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25		
L	100		1210		01			#	OVERBURDEN
L	210		1212		02			5B2	increasing carbon content towards EOT, variably calcareous
L	1212		1154		03			5A0	3 not typically 5A at beginning of interval. → 5B2, increasing carbonate content towards end of interval. → 5A3 po present
L	1154		1203		04			5A19	as small blebs ↓ variably calc. throughout, typical 5A, po Zpy at beginning of interval increasing to po Zpy, typical thin seams + threads silica throughout.
L	1203		1212		05			5A13	1 po in unit 04 increasing silica & carbonate content.
L	1212		1212		06			5D10	
L	1212		1215		07			5A19	As in unit 04, po Zpy in seams Folia Form, blebs + crystal form. Both in this unit and 04, locally (over 1-3 mm) grades to 4A0 - possibly some Zn grades of 1-2% over these small intervals.
L	1215		1217		08			5A19	more phyllitic, generally non calc. Folia Form po, po Zpy.
L	1217		1303		09			5A19	As in unit 07 po Zpy, po ≈ 1% total over interval.
L	1303		1311		10			5B12	po
L	1311		1321		11			5A19	as in unit 09, variably calc.
L	1321		1352		12			5BA	carbonaceous 5B po Zpy, po ≈ 1% overall, 50% 5B2 throughout.
L	1352		1372		13			5B12	as in unit 12, slight increase in 5B, po Zpy etc., var. calc.
L	1372		1373		14			5D3	
L	1373		1419		15			5A19	slightly "coarser grained" - not as phyllitic po Zpy po ≈ 1-2% overall - larger blebs chlorite appearing as a strip near end of interval.

Lithologic Log

Logged By: W/M

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
27.7	L 191190	151178	15	5B10	locally to SB2 trace sulfides? generally calcareous (variable) throughout. chloritic development although pervasive is somewhat sporadic & localized
57.8	L 151178	151183	16	5D13	
58.0	L 151183	151454	17	5B10	As in unit 15
166.2	L 151454	151487	18	5B10	clay + gouge - probable fault zone.
167.2	L 151487	151683	19	5B10	As in unit 15, 17 - minor sulfides py = po $\approx$ 0.5%
173.2	L 151683	1517103	20	5A10	graphitic gouge zone
173.8	L 1517103	151815	21	5A10	→ SB2
177.2	L 151815	1712160	22	5B10	Large slug SB minor localized development chlorite, variably calc. (not very) locally grades to SB2
221.3	L 1712160	171496	23	5A9	po > py $\approx$ 1% total po+py as Folioform generally non-calcareous.
228.5	L 171496	1718120	24	5B10	→ SB2 increasing chlorite, generally non-calc.
238.4	L 1718120	181327	25	5A9	po+py, <sup>variably</sup> calcareous
253.8	L 181327	191190	26	5B10	2 (3A9?) as in unit 24, abundant, sporadic chlorite development sulfides = trace but po+py, variably, (minor) calcareous throughout. not distinct from any SB - possibly greater C
280.1	L 191190	191299	27	01910	
280.4	L 191199	191444	28	5A9	3 total sulfides $\approx$ < 0.5%, 10-15 CO <sub>2</sub> throughout Po $\approx$ Py (Py > Po?) locally goes to silicified marble sulfides = as thin seams, fracture Feelings, Folioform "lenses", small blebs etc. locally chloritic
281.9	L 191444	191830	29	5DC2	graphitic partings, variably calc. chlorite extensively developed - esp. along S <sub>1</sub> , trace sulfides.

Lithologic Log

Logged By: IWM

Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25		
299.6	L	9830		9952	30	5A	9	3	as in unit 28, total sulfides Z, PoPy, increase in chlorite
303.3	L	9952		101010	31	5D	C		as in unit 29, abundant fine granid, folioform po, calcareous throughout (5B76)
305.1	L	10010		103170	32	3G	6	8 ?	similar to last reported 5B - increasing graphite towards end of interval. (5B6?)
316.1	L	103170		10670	33	3C	H	?	similar in composition & texture to unit 29 + 30 [5B23 w 20% 5A3]
325.2	L	10670		10870	34	3E	3	6	[5A3] w/ 30% 5B2
331.3	L	10870		10994	35	3C	L	0	→ 3C? similar to 5D
335.1	L	10994		11730	36	3E	6		variably calcareous throughout. total sulfides ≈ 10.5% at any given interval py & po (py 7 po?) 5A0 as blebs + folioform seams. locally approaches 2A - INTERESTING INTERVAL
351.5	L	11730		11792	37	3C	L	3	→ 3D
359.4	L	11792		12074	38	3E	6		as in unit 36, less total sulfides, P&Z [5A0]
368.0	L	12074		12150	39	0	Q	0	
370.3	L	12150		12557	40	3E	6	(5A0)	As in unit 36 + 38 locally to 2A
382.7	L	12557		12618	41	3C	0	3	w/ minor 3B5 (5C3)
386.5	L	12618		12878	42	3E	6		As in unit 40 (5A6?)
392.3	L	12870		12985	43	3D	0		<sup>5/3 boundary</sup> good intervals 3D [3D4 & 3D1 50:50]
395.8	L	12985		13230	44	3C	3		As in unit 41, zebra striped
403.3	L	13230		13619	44	3E	6		not the same as above 3E only locally contains significant sulfides generally "structureless", "wispy"
415.7	L	13619		13820	45	3C	3		As above w/ 30% 3B5
421.2	L	13820		13930	46	3E	0	-6	
424.1	L	13930		13954	47	4	L	3	* ← NOTE (2L) (1D4) ← 3B54
425.3	L	13954		13970	48	3E	0		
									DIVISION BETWEEN 36 + 5B is very ad.hc. - mainly because then isn't?

DDH 79-VX-2  
2 8Cyprus Anvil Mining Corp.  
Structural LogPage 6 of 8Logged By: IWM

Code	From		To		Feature	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20		22	24	26	28		32
S				1270	CS12			610	2120		
S				1420	FZS			74	220	S symm 21-42	
S				1570	CS2			810	2120		
S				1680	FZ2			70	2120	Z region 42-68	
S				1820	FZS			75	2120	S region 68-82	
S				1850	F2D					D.D. 82-85	
S				1970	PS2			618	2120		
S				11120	F2P			518	2120	PS2 97-112	
S				1230	CS2			517	2120	S region 112-1410	
S				1410	F2S			615	2120		
S				1465	F2M			712	2120	M region 1410-1465	
S				1570	FZS			55	2120	S region 1465-1570	
S				1770	PS2			618	2120		
S				1970	PS2			715	2120		
S				2170	PS2			710	2120		
S				2250	F2P			616	2120	PS2 1570-2250	
S				2370	CS2			710	2120		
S				2510	FZS			613	2120	S region 2250-2510	
S				2615	PS2			515	2120		
S				2660	F2P			74	2120	PS2 2510-2660	
S				2750	FZS			713	2120	2660-2750 S region	
S				2870	PS2			810	2120		
S				2970	F2P			710	2120	PS2 2750-2970	
S				3032	F2M					M region 2970-3032	
S				3170	CS2			710	2120		
S				3370	CS2			718	2120		
S				3450	FZS			815	2120	S region 3032-3450	
S				3477	F2M					M region 3450-3477	
S				3570	CS2			813	2120		
S				3770	FZS			810	2120	S region 3477-3770	
S				3820	F2M					M " 3770-3820	
S				3980	F2P			715	2120	PS2 3820-3980	
S				3995	F2Z					Z region 398-399.5	
S				4080	F2P			716	2120	PS2 399.5-4080	
S				4300	FZS			710	2120	S region 4080-430	
S				4435	PS2			710	2120		

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description		
	10	14	16	20			22	24		26	28
S				17550	F2P			70	2120	PS2	430.0-4550
S				17705	F2Z			72	2120	Z region	4550-4705
S				1800	F2M			89	2120	M "	480.5-480.0
S				19990	F2P			810	2120	PS2	480.0-499.0
S				51070	F2S			810	2120	S region	499.0-507.0
S				5270	F2M			85	2120	M region	507.0-5270 (PS2)
S				5570	C1S2			80	2120		
S				5685	F2S			615	2120	S region	527.0-568.0 (PS2)
S				5760	F2M					Breccia region	568.0-576.0
S				5870	F2M			710	2120	M region	576.0-587.0
S				61070	C1S2			710	2120		
S				6220	C1S2			75	2120		
S				6320	F2S			80	2120	S region	587.0-632.0
S				6470	P1S2			80	2120		
S				6610	F2P			79	2120	PS2	6320-661.0
S				6770	C1S2			76	2120		
S				69100	F2S			710	2120	S region	661.0-690.0
S				6987	F2P					PS2	690.0-6987
S				7095	F2M			80	2120	M region	6987-709.5
S				7260	F2S			55	2120	S region	709.5-726.0
S				7430	P1S2			79	2120		
S				7670	F2P			70	2120	PS2	726.0-767.0
S				7770	F2S			510	2120	S region	767.0-777.0
S				7960	F2P			710	2120	PS2 region	777.0-796.0
S				8160	C1S2			89	2120	S region	796.0-829.2
S				8292	F2S					PS2 region	829.2-917.0
S				83160	P1S2			79	2120	(minor S8Z)	
S				8560	P1S2			48	2120		
S				8760	P1S2			76	2120		
S				8960	P1S2			81	2120		
S				9160	P1S2			85	2120		
S				9170	F2P					S region	917.0-932.0
S				9320	F2Z			81	2120	Z region	932.0-935.0
S				9350	F2Z					PS2 region	935.0-958
S				9520	P1S2			82	2120		
S				9580	F2P					S region	958-967.0

Structural Log

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description
	10	14 16	20	22 24 26 28				
S			9670		F2E		80220	Z region 967.0 - 983.0
S			9830		F2Z		81220	PS2 region 983.0 - 990.5
S			9905		F2P			M region 990.5 - 1005
S			10020		CSR		78220	
S			101050		F2M			PS2 region 1005.0 - 1052
S			10220		PS2		75220	
S			10420		PS2		73220	
S			10520		F2P			Z region 1052.0 - 1057.0
S			10570		F2Z		72220	S region 1057.0 - 1075.0
S			10750		F2S		74220	PS2 w/ minor R & 1"Z"
S			10950		PS2		85220	1075.0 - 1102.0
S			111020		F2P			R region 1102.0 - 1214.0
S			11160		PS2		78220	
S			11360		PS2		75220	
S			11560		PS2		79220	
S			11760		PS2		65220	
S			11960		PS2		84220	
S			12140		F2R		82220	Z region 1214.0 - 1217.5
S			12175		F2Z			R region w 2" S and
S			12310		PS2		78220	post D2 folding 1217.5 -
S			12490		PS2		78220	1267.8
S			12678		F2R		75220	PS2 region 1267.8 - 1299.0
S			12870		PS2		60220	(post D2 folding)
S			12990		F2P			PS2 region 1299.0 - 1323
S			13070		PS2		80220	
S			13230		F2R			PS2 region 1323.0 - 1328.0
S			13270		PS2		75220	(post D2 folding)
S			13280		F2P			Post D2 bxia 1328.0 - 1341
								- no sym, no S2
S			13410		F2P		55220	PS2 region 1341.0 - 1364.5
S			13580		PS2		72220	- post D2 folding
S			13645		F2P			PS2 region 1364.5 - 1380.0
S			13770		PS2		69220	
S			138100		F2R			PS2 region 1380.0 - 1397.0
S			13860		PS2		74220	
S			13970		F2P		73220	

plot @ 1000 scale.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-VX-1

Project: VANGORDA

Location: VANGORDA PLAT.

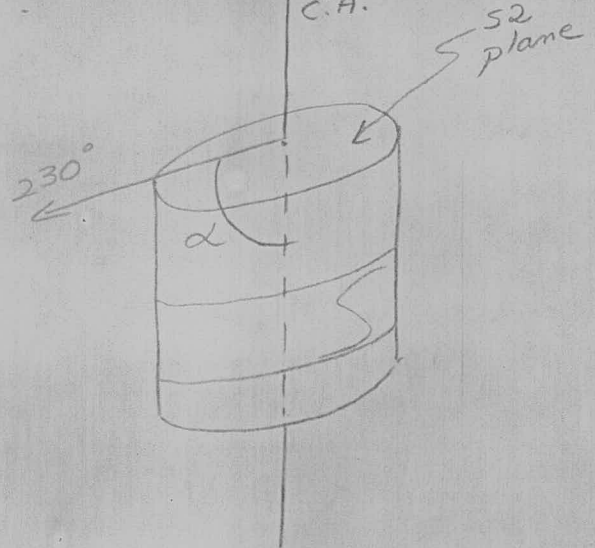
Claim:

Terr. Plane Co-ords.: ? N

? E

Grid Co-ords.:

Fabric Orientation Diagram:



All symmetry determinations looking

NW with 52 dipping

SW with dip azimuth 220°.

Total Depth: 817.8 m.

Purpose: dump site & testing units 5/3 contact d.d. from Vangorda.

Logged by: DJH & JWM Date(s) Logged:

Drilling Contractor: Arctic D.D. Core: Size From To Collar Cased and Capped:

Started: Completed:



Lithologic Log

Logged By: JWM

Code	From	To	Unit	Code	Description	
L	10	14	16	20	22 23 25 27	
L	100	1460	011	1#		CASING
L	1460	1527	02	5C10		numerous qtz-carbonate pods + stringers, calcareous throughout, characteristic (diagnostic?) flesh coloured flakey mineral locally present, minor interbedded SD
L	1527	1528	013	5C10		gouge zone (possibly mud from previous run).
L	1528	1542	04	5C10		as in unit 02, grain size coarsening towards end of interval - almost as if clastic texture.
L	1542	1560	015	5D10		distinctly different from "normal" laminae banded SD; shalyitic non-calcareous, non-chloritic "wispy" bands SD like lith in tuffaceous shalyite. locally pink flakey mineral indicative of 5C overall = 5B7
L	1560	1567	016	5C10		as in unit 04, 02 - abundant carbonates
L	1567	1649	017	5D10		as in unit 05, locally = 460 but this is probably related to 5C overall = 5D = 5B7 = non-calcareous.
L	1649	1675	018	5C10		coarse grained variant abundant pink flakey mineral? andalusite?, non-calc.
L	1675	1682	019	5C10		normal calcareous (zebra) 5C should compare unit 8 with unit 9 because of absence of andalusite?
L	1682	1694	110	01Q10		qtz-carbonate pod
L	1694	1721	111	5C10		variably calcareous similar to unit 08, calcareous
L	1721	1735	112	5C10		Gouge zone. NOTE 72.1 - 75.3 m - 0.9 m calc. rec.
L	1735	1755	113	5B10 2		
L	1755	1796	114	5C10		coarse, variably calcareous, fresh, abundant fine grained pink flakey andalusite - carbonates

## Lithologic Log

Logged By: JWM

Code	From	To	Unit	Code	Description	
L	10	14	16	20	22 23 25 27	
L	1796	1799	15	5C10	gauge	
L	1799	1807	16	5C10	As in unit 14, minor zebra type 5C	
L	1807	1866	17	5C10	as in unit 14, Fresh appearance - non-calcareous throughout, locally coarse grained, very fine grained andalusite?	
L	1866	1881	18	5C10	As in unit 17, calcareous, minor 5C02 at beginning of interval.	
L	1881	1915	19	5C10	As in unit 17, locally coarse grained, very fresh, non-calcareous.	
L	1915	1945	20	5B10	sericite, muscovite bearing	
L	1945	1176	21	5B0	"normal" 5B, calcareous throughout po > py, po not abundant.	
L	1176	11673	22	5B0	As in unit 21, but overall darker in colour → 5B02, again po → py; py not observed	
L	11673	11734	23	5D0	laminarily banded, very calcareous, py < po po? as fine diss. in S <sub>2</sub> plane, contact with overlying 5B is somewhat diffuse over 3m	
L	11734	11758	24	5D10	phyllitic - possibly minor 5B - also contact region with 5C, calc.	
L	11758	11773	25	5C10	minor 5D, well banded, calc.	
L	11773	11952	26	5C10	massive, calcareous, characteristic pink fresh col. andalusite? py > po contact with 5D at 195.2 reworked by several cm. of green clay.	
L	11952	12004	27	5D10	calcareous, minor (10-15%) locally interbanded 5C, abundant qtz carbonat swaths.	
L	12004	12018	28	5C10	As in unit 26, minor gauge	
L	12018	12104	29	5D0	As in unit 27	
L	12104	12108	30	5C10	calc., coarse grained - cataclastic texture.	

Lithologic Log

Logged By: JWM

Code	From	To	Unit	Code	Description
L	10 14 16	20 22 23 25 27			
L	21108	21357	31	5C10	As in unit 26, locally minor 5D interbedded.
L	21357	21473	32	5D10	laminally bedded, calcareous
L	21473	21796	33	5B10	normal calcareous grey phyllite porphy, abundant qtz-carbonate pods, carbonates foliaform to S <sub>2</sub>
L	21796	21857	34	5B10	as in unit 33, but small discontinuous qtz-carbonate veins crosscutting S <sub>2</sub> , difficult to determine a preferred orientation possibly dipping opposite to S <sub>2</sub> with interangle = 90°
L	21857	21921	35	5B10	as in unit 34, but qtz-carb. stringers more dominant and locally appears (5B) as a breccia with qtz-carbonate infillings
L	21921	21929	36	5B16	Fault breccia + gouge
L	21929	21933	37	5B16	Fault gouge
L	21933	21938	38	5B16	as in unit 36
L	21938	21983	39	5B10	Similar to unit 34, cross cutting qtz carbonates not as abundant.
L	21983	30104	40	5C10	50 50 5C:5D interbedded, calcareous
L	30104	3031	41	5B10	black > biotite + muscovite
L	3031	3037	42	5D10	calc
L	3037	3041	43	5C10	" , 5D 'looking'
L	3041	3068	44	5D10	minor interbedded 5D
L	3068	3088	45	5B10	interbedded 5D = 20%
L	3088	3127	46	5B10	as in unit 41
L	3127	3167	47	5C10	calcareous, characteristic slick-flesh and.
L	3167	3210	48	5C10	As in unit 47, but non- <del>at</del> calcareous.
L	3210	3233	49	5C10	calc. , 5D looking
L	3233	3240	50	5D10	very F.g., minor carbonates.
L	3240	3244	51	5C10	As in unit 49
L	3244	3262	52	5D10	as in unit 50, minor intervals 5C as in unit 51

Code	From	To	Unit	Code	Description
	10 14 16 20 22 23 25 27				
L	3262	3299	53	5B16	micaceous
L	3299	3306	54	5D16	as in unit 50
L	3306	3318	55	5B10	
L	3318	3349	56	5D10	minor 5B, calc, finely banded = S <sub>2</sub>
L	3349	3374	57	5B10	→ 5B02, dark in colour - dark grey
L	3374	3438	58	5B0	→ 5B06, as in unit 57ropy
L	3438	3470	59	5B10	as in unit 57
L	3470	3490	60	5C10	→ 5D looking
L	3490	3542	61	5C10	banded, calcareous
L	3542	3602	62	5C10	30% interbanded 5D throughout interval.
L	3602	3722	63	5C10	distinct pink andalucite present locally well banded
L	3722	3739	64	5D0	typical 5D-5B inter-tonguing in on margins of 5C.
L	3739	4025	65	5B10	as in unit 57, ropy, locally very minor 5D; abundant glz-carbonate bands.
L	4025	4043	66	5B17	→ 5B73; minor 5D3 interbanded
L	4043	4218	67	5B10	
L	4218	4310	68	5B10	+ bio.; possibly 5B73 @ the chl. → bio. meta. transition.
L	4310	4317	69	5C10	50:50 5D3:5C3; 5C is "grainy" looking
L	4317	4390	70	5B10	+ bio.; possibly interbanded 5B73 5B0
L	4390	4402	71	5D10	70:30 5D3:5C3
L	4402	4409	72	OE12	→ OE2.9?; plag phenas (~1/mm) in a dirty green soft matrix; cts. look intrusive calc.
L	4409	4601	73	5B10	+ bio.; c.f. unit 68
L	4601	4639	74	5D13	w/20% 5B73
L	4639	4651	75	5B10	
L	4651	4657	76	5B10	?; sandy "fault" (?) zone; some 5B0 frags.
L	4657	4668	77	5D13	70:30 5D3:5B0+5B73
L	4668	4686	78	5B10	+ bio.; c.f. unit 70
L	4686	4708	79	5D13	w/10% 5C3? - grainy, poorly banded - which could also be an exotic species of the

Code	From	To	Unit	Code	Description
	10 14 16	20 22 23 25 27			
L	A708	A753	80	5B10	± bio; c.f. unit 70; qtz-carb. veinlets
L	A753	5300	81	5B10	w/ occ. bio; in general does not look like typical 5B (lots of pressure solution colour striping) but contains definitive mineralogy.
L	5300	5304	82	5B10	70:30 5B0:5D3; bxia zone w/ gouge cts.
L	5304	5349	83	5B10	c.f. unit 81
L	5349	6108	84	5B10	w/ 30% 5B6; c.f. unit 81 but some non-calc ints.
L	6108	6123	85	5A11	minor strat py in siliceous bands (5A19)
L	61123	61147	86	5D16	~1% sheared out chl. mottles; minor mariposite; small band 5A 613.9-614.
L	61147	61371	87	5A11	minor py as blebs and fract. fillings.
L	61371	61477	88	5E10	phyllitic marble
L	61477	61592	89	5A11	c.f. unit 87
L	61592	61639	90	3D1	purple bio. banding (distinctive)
L	61639	61665	91	3B10	w/ minor 3C
L	61665	61688	92	3C12	dark green-grainy
L	61688	61760	93	3E1	
L	61760	61770	94	3D1	c.f. unit 90
L	61770	61778	95	3C13	c.f. unit 92 only CO <sub>3</sub> <sup>=</sup> bearing
L	61778	61827	96	3B12	meta-volc?
L	61827	61894	97	3D1	c.f. unit 90
L	61894	61903	98	3B1C	50:50 3B2:3C3 c.f. units 96 & 95.
L	61903	61913	99	3G10	
L	61913	61925	00	3C13	c.f. unit 95
L	61925	61950	01	3D1	c.f. unit 90
L	61950	61972	02	3C13	minor 3B2
L	61972	71003	03	3G10	→ 3G9 locally.
L	71003	71018	04	3C13	minor 3B2
L	71018	71054	05	3G10	→ 3G9 locally
L	71054	71169	06	3E10	→ 3G9 "
L	71169	71574	07	3G10	minor 3BC bands 722.5-722.8, 727.9-728.2, 735.7-735.9
L	71574	71580	08	3G10	? fault zone - clay and bxia frags



Structural Log

Code	From		To		Feature	SVE	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S				460	PS2				67	2210	R region 46.0 - 91.5
S				500	PS2				45	2210	
S				570	PS2				68	2210	
S				625	PS2				65	2210	
S				655	PS2				69	2210	
S				721	PS2				70	2210	
S				777	PS2				73	2210	
S				828	PS2				70	2210	
S				884	PS2				75	2210	
S				915	FZR				70	2210	Rock REGION TO 91.5 - 5C, 5D
S				956	FZP				81	2210	PS2 region 91.5 - 95.6
S				967	FZZ						Z region 95.6 - 96.7
S				979	FZP				55	2210	PS2 region 96.7 - 97.9
S				1008	CIS2				56	2210	Z region 97.9 - 105.4
S				1054	FZZ				70	2210	PS2 region 105.4 - 110.9
S				1109	FZP				73	2210	Z region 110.9 - 111.7
S				1117	FZZ						S region 111.7 - 113.4
S				1134	FZS				78	2210	PS2 region 113.4 - 121.1
S				1211	FZP				80	2210	S region 121.1 - 128.9
S				1259	CIS2				67	2210	
S				1289	FZS				68	2210	
S				1317	CIS2				69	2210	
S				1337	FZM				67	2210	M region 1289 - 1337
S				1362	FZZ				73	2210	Z region 133.7 - 136.2
S				1392	FZS				65	2210	S region 136.2 - 139.2
S				1406	FZZ				73	2210	Z region 139.2 - 140.6
S				1434	FZP				75	2210	PS2 region 140.6 - 143.4
S				1464	FZS				78	2210	S region 143.4 - 146.4
S				1495	FZZ				70	2210	Z region 146.4 - 149.5
S				1520	FZM				70	2210	M region 149.5 - 152.0
S				1535	FZZ				58	2210	Z region 152.0 - 153.5
S				1546	FZS						S region 153.5 - 154.6
S				1582	FZP				69	2210	PS2 region 154.6 - 158.2
S				1604	FZZ				75	2210	Z region 158.2 - 160.4
S				1617	FZS				66	2210	S region 160.4 - 161.7

Structural Log

Code	From		To		Feature	Sym	S <sub>1</sub>		S <sub>2</sub>		Description
							Dip	Direct.	Dip	Direct.	
	10	14 16	20 22	24 26 28			32 34	38			
S			166.3		FZ	Z			70	2120	Z region 161.7 - 166.3
S			168.3		PS	R			70	2120	PS2 region 166.3 - 170.8
S			170.8		FZ	P			72	2210	M region 170.8 - 173.0
S			173.0		FZ	M			72	2210	D.D. region 173.0 - 173.7
S			173.7		FZ	D					Z region 173.7 - 176.6
S			175.5		CS	Z			72	2120	
S			176.6		FZ	Z			70	2120	
S			181.8		PS	R			67	2120	
S			185.1		PS	R			66	2120	
S			191.2		PS	R			85	2120	
S			197.3		PS	R			65	2120	
S			200.7		PS	R			70	2120	
S			203.7		PS	R			66	2120	
S			207.5		PS	R			63	2120	R region 176.6 - 207.5
											5C
S			209.0		CS	Z			55	2120	Z region 207.5 - 209.0
S			209.8		CS	S			62	2120	S region 209.0 - 209.8
S			212.6		PS	R			71	2120	PS2 region 209.8 - 238.5
S			215.6		PS	R			73	2120	
S			218.7		PS	R			65	2120	
S			224.8		PS	R			60	2120	
S			227.8		PS	R			57	2120	
S			233.9		PS	R			70	2120	
S			238.5		PS	R			63	2120	Z region 238.5 - 243.1
S			242.1		CS	R			78	2120	
S			243.1		FZ	3					S region 243.1 - 251.9
S			246.3		CS	R			63	2120	
S			251.9		FZ	E			66	2120	Z region 251.9 - 270.4
S			255.0		CS	R			80	2120	
S			258.4		CS	R			77	2120	
S			264.3		CS	R			69	2120	
S			270.4		FZ	3			72	2120	S region 270.4 - 273.2
S			273.2		FZ	E					Z region 273.2 - 285.6
S			276.0		CS	R			75	2120	
S			282.0		CS	R			74	2120	
S			285.6		FZ	Z					R region 285.6 - 293.5

## Structural Log

Logged By: DJH.

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S			128185		AS12				74	220	(zone of intense veinlets
S			12935		FR2R				62	220	obscuring P2 sym.)
S			12956		CS12				77	220	M region (subequal S & Z
S			12970		FRM						293.5 - 297.0
S			13000		CS12				70	220	S region 297.0 - 304.8
S			13048		FR2S						R region 304.8 - 306.8
S			130160		AS12				67	220	
S			130168		FR2R						S region 306.8 - 312.7
S			13123		CS12				73	220	
S			13127		FR2						R region 312.7 - 321.0
S			13184		PS12				40	220	
S			13210		FR2R						M region 321.0 - 323.3
S			13233		FR2M				61	220	R region 323.3 - 325.7
S			13257		FR2R						R Z region 325.7 - 329.6
S			13296		FR2Z				55	220	R region 329.6 - 334.7
S			13347		FR2R				70	220	Z region 334.7 - 347.1
S			13405		CS12				70	220	
S			13466		CS12				70	220	
S			13471		FR2Z						R region 347.1 - 354.2
S			13527		PS12				74	220	
S			13542		FR2R						M region (equal S & Z)
S			13588		CS12				73	220	354.2 - 360.6
S			13606		FR2M						R region 360.6 - 372.5
S			13649		PS12				75	220	
S			13695		PS12				78	220	
S			13725		FR2R						Z region 372.5 - 378.5
S			13755		CS12				71	220	
S			13785		FR2Z						M region 378.5 - 384.2
S			13800		CS12				75	220	(equal S & Z)
S			13842		FR2M						Z region 384.2 - 396.0
S			13856		CS12				75	220	
S			13917		CS12				69	220	
S			13960		FR23				70	220	S region 396.0 - 398.1
S			13981		FR2E						Z region 398.1 - 409.9
S			14025		CS12				76	220	
S			14070		CS12				69	220	

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description
	10	14 16	20	22 24 26 28				
S			14099		FRZ			M region (equal S&Z)
S			14130		CISZ		82 220	409.9 - 416.0
S			14160		FRM			PS2 region 416.0 - 420.2
S			14190		CISZ		78 220	
S			14202		FRP			Z region 420.2 - 434.6
S			14252		CISZ		77 220	
S			14316		CISZ		71 220	
S			14346		FRZ			PS2 region 434.6 - 437.
S			14371		FRP		75 220	Z region 437.1 - 438.9
S			14389		FRZ			R region 438.9 - 440.1
S			14401		FRR			Intrusive 440.1 - 440.9
								-no sym or S2
S			14435		CISZ		82 220	Z sym 440.9 - 463.9
S			14496		CISZ		80 220	
S			14560		CISZ		79 220	
S			14620		CISZ		72 220	
S			14639		FR3			S region 463.9 - 469.2
S			14692		FR5		72 220	PS2 region 469.2 - 478.7
S			14734		PSIZ		64 220	
S			14787		FRP		72 220	S region 478.7 - 511.2
S			14828		CISZ		80 220	(partial PS2)
S			14870		CISZ		77 220	
S			14929		CISZ		76 220	
S			14990		CISZ		68 220	
S			15051		CISZ		80 220	
S			15112		FRZ		76 220	Z region 511.2 - 523.8
S			15170		CISZ		69 220	(partial PS2)
S			15238		FRZ		76 220	PS2 region 523.8 - 564.2
S			15288		PSIZ		74 220	(minor Z)
S			15334		PSIZ		62 220	
S			15380		PSIZ		80 220	
S			15440		PSIZ		72 220	
S			15504		PSIZ		71 220	
S			15565		PSIZ		72 220	
S			15626		PSIZ		74 220	
S			15672		FRP			Z region 564.2 - 578.2

## Structural Log

Code	From		To		Feature	SYM	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24			26 28	Dip	Direct.	Dip	
S			15687		CSR				75	220	
S			15751		CSR				69	220	
S			15782		FRZ						PS2 region 578.2-608.5
S			15813		PSR				70	220	
S			15872		PSR				80	220	
S			15934		PSR				71	220	
S			15996		PSR				65	220	
S			16057		PSR				69	220	
S			16089		FRP						R region (P?) 608.9-65.
S			16114		PSR				77	220	
S			16178		PSR				69	220	
S			16239		PSR				81	220	
S			16300		PSR				84	220	
S			16360		PSR				70	220	
S			16409		PSR				78	220	
S			16452		PSR				75	220	
S			16497		PSR				80	220	
S			16559		PSR				68	220	
S			16592		FRR						PS2 region 659.2-663.
S			16623		PSR				76	220	
S			16639		FRP						R region 663.9-668.8
S			16684		PSR				79	220	
S			16688		FRR						PS2 region 668.8-677.0
S			16748		PSR				62	220	
S			16770		FRP						R region 677.0-682.7
S			16809		PSR				73	220	
S			16827		FRR						PS2 region 682.7-689.4
S			16840		PSR				71	220	
S			16894		FRP				70	220	R region 689.4-692.5
S			16925		FRR						PS2 region 692.5-694.
S			16949		FRP				77	220	R region 694.9-697.1
S			16971		FRR						PS2 region 697.1-762.6
S			7004		PSR				68	220	
S			7062		PSR				71	220	
S			7105		PSR				67	220	
S			7153		PSR				78	220	

Code	From				To				Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.			Description
	10	14	16	20	22	24	26	28			32	34	38	
S				1712	14	PS12				619	2210			
S				1712	75	PS12				65	2210			
S				1713	36	PS12				70	2210			
S				1713	97	PS12				78	2210			
S				1714	58	PS12				71	2210			
S				1715	19	PS12				80	2210			
S				1715	74	PS12				72	2210			
S				1716	26	FRP				50	2210	R region 762.6 - 772.8		
S				1716	93	PS12				85	2210			
S				1717	28	FRR						PS2 region 772.8 - 801.2		
S				1717	57	PS12				82	2210			
S				1718	15	PS12				79	2210			
S				1718	79	PS12				73	2210			
S				1719	40	PS12				77	2210			
S				1719	92	PS12				82	2210			
S				1801	12	FRP						R region 801.2 - 807.4		
S				1801	53	PS12				82	2210			
S				1801	74	FRR						PS2 region 807.4 - 817.8		
S				1801	98	PS12				77	2210			
S				181	47	PS12				83	2210			
						E10H								

plot @ 500 scale

CYPRUS ANVIL MINING CORPORATION

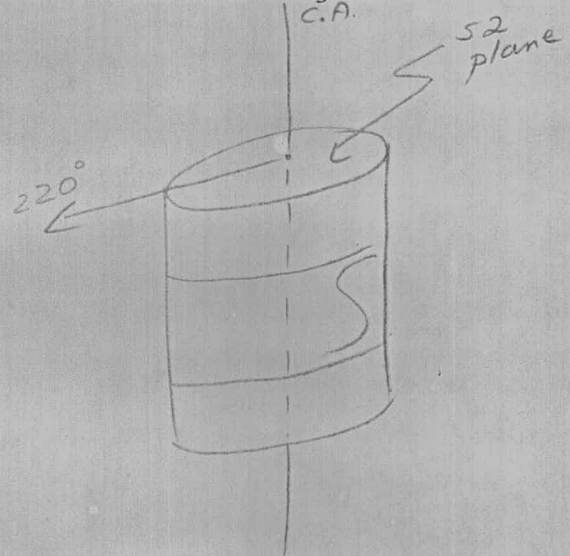
DIAMOND DRILL CORE LOG

Hole Number: V-118-R

Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLAT



Claim: \_\_\_\_\_

Terr. Plane Co-ords.: ? N

? E

Grid Co-ords.: \_\_\_\_\_

Elevation: ?

All symmetry determinations looking NW with S2 dipping SW with dip azimuth 220°.

Total Depth: 62.5 m

Purpose: \_\_\_\_\_

Logged by: DJH Date(s) Logged: \_\_\_\_\_

Drilling Contractor:	Core:	Size	From	To	Collar Cased and Capped:
<u>Arctic DD</u>					

Started: \_\_\_\_\_ Completed: \_\_\_\_\_









plot @ 500 scale.

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-VR-55  
V-55-RH

Fabric Orientation Diagram:  
C.A.

Project: VANGORDA

Location: VANGORDA PLAT

Claim: \_\_\_\_\_

UTM Terr. Plane  
Co-ords.: not surveyed N  
E

Grid  
Co-ords.: 2N/26E

Elevation: N.S.

Total Depth: 25.5 m

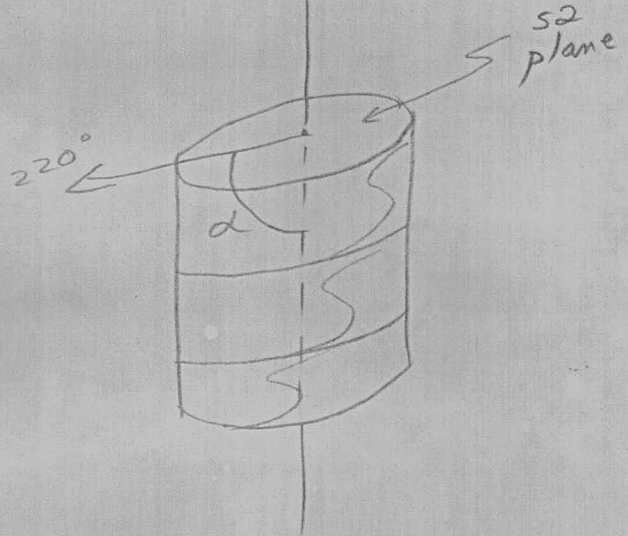
Purpose: \_\_\_\_\_

Logged by: D.T.H. Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

HQ

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



All symmetry determinations looking  
NW with 52 dipping  
SW with dip azimuth 220°.



Lithologic Log

V-55-R HQ

Lve	From <sub>m</sub>		To <sub>m</sub>		Unit	Code	Description
	10	14	16	20	22 23	25 27	
L	100		129		11	#	triconed-no core
L	129		132		12	4C10	? qtzite frags ; v. minor sdes
L	132		138		3	4G14	
L	138		166		14	4E4	→ 4E48 ; bxia? ; frags of qtzite (~5%) throughout ; also ~5% irreg bull qtz patches ; heavily weathered (oxidized) to 14.2m
L	166		183		15	4C10	w/ minor 4E4 lams. ; ~25% tot. sdes
L	183		232		16	4C10	~20% tot. sdes ; grad. lower ct.
L	232		255		17	4C10	~5-10% tot. sdes
			210H				





plot @ 500 scale

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 80-VR-75  
V-75-RH

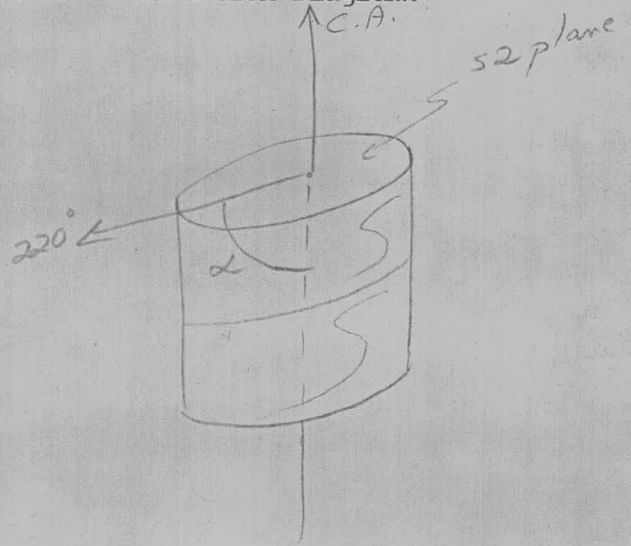
Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLAT

Claim: \_\_\_\_\_

UTM Terr. Plane  
Co-ords.: not surveyed N



\_\_\_\_\_ E

Grid  
Co-ords.: BL/20E

All symmetry determinations looking

Elevation: not surveyed

NW with S2 dipping

SW with dip azimuth 220°.

Total Depth: 112.0 ft

Purpose: \_\_\_\_\_

Logged by: DJH Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Core: \_\_\_\_\_ Size \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_ Collar Cased and Capped: \_\_\_\_\_

HQ

Started: \_\_\_\_\_ Completed: \_\_\_\_\_



## Lithologic Log

Logged By: DJH.

Lode	From <u>A</u>			To <u>A</u>			Unit	Code	Description
	10	14	16	20	22	23			
L	100	160		11			#		triconed; no core
L	160	370		12	4	10			? heavily weathered zone; lost core (<4' recovered)
L	370	590		13	4	10			strong w.H. alt'n; talcose?; minor sl foliiform py threads; typical of alt'i halo.
L	590	645		14	4	14			30-35% BaSO <sub>4</sub>
L	645	703		15	4	10			80:20 4EO:4CO (minor 4A)
L	703	730		16	4	10			50:50 4EO:4G4
L	730	1040		17	4	10			~60-70% tot sdes; essentially 4C w/ bands of massive py.; minor 4A.
L	1040	1097		18	4	10			bxia? w/ mass sde matrix
L	1097	1120		19	4	10			as unit 3
		FOH							

Code	From <i>H</i>		To <i>H</i>		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.			Description		
	10	14	16	20			22	24	26		28	32
S				1180	CISZ				719	21210		0/B - 0-16.0'
S				13170	CISZ				615	21210		No sym 16.0 - 47.0
S				1470	FRS							- poor rec & heavily
S				1500	FR E				719	2210		broken core
S				1590	FR Z							- S2 may not be reliable
												(0/B boulders?)
												S region 47.0 - 50.0'
												Z region 50.0 - 59.0
S				16180	PSZ				617	2210		R region (sdes) 59.0 -
S				1830	PSZ				610	2210		109.7'
S				1030	PSZ				612	2210		
S				110197	FR R							PS2 region 109.7 - 112.0'
S				11120	FR P				617	2210		
					FOH							



~~DIAMOND DRILL CORE LOG~~

Date: 24/6/81

Hole Number: 81-YR-01

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Ferr. Plane~~ Co-ords.: 6903079.933 N

594170.964 E

Grid Co-ords: 14E-2S

All symmetry determinations looking

Elevation: 1151.049 metres

with dipping

Total Depth: 200 feet

with dip azimuth

Purpose:

Reason hole Terminated:

Logged by: P.N.

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~Core~~ From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole:

Started: 25/3/81 Completed: 25/3/81









81VRO1

VANGORDA

Chips to be returned

3702	Waste		
3703	4L4		*
3704	4E4	(4L14)	*
3705	4E4	(4L14)	
3706	4L14	(4E4)	
3707	4L14		*
3708	4L0		*
3709	4C0	(4L0)	*
3710	4C0	(4L1)	
3711	4C0	(4L1)	
3712	4C0	(4L1)	*
3713	4C0	(4L1)	
3714	4C0	(4L1)	*
3715	4L0		*
3716	4C0	(4L1) (4E0)	
3717	4E0	(4C0)	
3718	4E0		*
3719	4E0		*
3720	4E0		*
3721	4L0	(4E0)	*
3722	4L0		*
3723	4L0		*
3724	4L0		
3725	4L0		
3726	4L0		
27	4L0		
28	4L14		*
29	4L0		
30	4L0		
31	4L1	(4C0) (5B) or 4A?	
32	4L1	(4C0) (5B) or 4A?	

~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-02

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM

~~Terr. Plane~~  
Co-ords.: 903101.304 N

594219.413 E

Grid  
Co-ords: 14E - 1S

All symmetry determinations looking

Elevation: 1155.601 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 200 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole  
Terminated: RWD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling  
Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole  
Cemented: No

Steel down  
hole: No

Started: 26/3/81 Completed: 26/3/81



Geochemical Log (Sampler's Copy)

Logged By: \_\_\_\_\_

Sampled By: \_\_\_\_\_

Code	From		To		Sample No.	Description
	10	14	16	20		
	1350		1400		3733	waste - sent to assay
	1400		1450		3734	w - sent to assay
	1450		1500		3735	dry; 50% lt grey unconsol sed; 5% qtz; 45% SB <sup>washed,</sup> weathered
	1500		1550		3736	washed
	1550		1600		3737	dry; 50% lt grey unconsol. sed; 5% qtz; 45% SB
	1600		1650		3738	dry; 50% lt grey unconsol sed; 50% SB
	1650		1700		3739	dry; 25% lt grey unconsol sed; 75% SB
	1700		1750		3740	dry; 50% lt grey unconsol sed; 5% qtz; 45% SB
	1750		1800		3741	dry; 50% lt grey unconsol sed; 2% 404; 13% SB; 15% qtz; 20% 4L0
	1800		1850		3742	dry; 50% lt grey unconsol sed; 5% qtz; 20% SB; 25% 4L0
	1850		1900		3743	dry; 50% lt grey unconsol sed; 5% qtz; 15% <u>4L</u> ; 30% SB
	1900		1950		3744	dry; 50% lt grey unconsol. sed; 5% 4E4; 20% SB; 15% 4L; 10% qtz
	1950		1000		3745	dry; 20% lt grey unconsol. sed; 20% SB; 50% 4E0; 10% 4G?
	1000		1050		3746	5% qtz; 10% SB; 50% 4E0; 35% 4E4
	1050		1100		3747	lt grey
	1100		1150		3748	5% 4E0; 40% 4L; 30% qtz; 25% SB
	1150		1200		3749	40% SB; 30% 4L0; 10% 404; 20% qtz
	1200		1250		3750	30% 4E0; 40% qtz; 10% 4L0; 20% 4C0
	1250		1300		3751	30% 404; 40% 4L0; 30% qtz
	1300		1350		3752	10% 404; 50% qtz; 40% 4L0
	1350		1400		3753	30% 4L0; 25% qtz; 35% 4E0; 10% 4C0
	1400		1450		3754	5% 404; 30% 4L0; 65% qtz
	1450		1500		3755	5% 4L0; 35% 4E4; 40% 4E0; 20% 4C0
	1500		1550		3756	50% 4E0; 10% 4C0; 40% 4E4
	1550		1600		3757	70% 4E0; 20% 4L0; 10% qtz
	1600		1650		3758	20% 4L0; 45% 4E0; 10% qtz; 25% SB
	1650		1700		3759	5% 4C0; 40% qtz; 20% SB; 35% 4L0
	1700		1750		3760	w sent to assay
	1750		1800		3761	grey w/white blocks
	1800		1850		3762	50% 4L; 5% 4E4; 10% 4C0; 35% qtz
	1850		1900		3763	10% 4C0; 60% 4L0; 30% qtz
	1900		1950		3764	5% 4C0; 60% 4L0; 35% qtz
	1950		2000		3765	10% 4C0; 20% qtz; 70% 4L0

81VRO2

3733	waste	5B
3734	"	5B
3735		5B
3736		5B
3737		5B
3738		5B
3739		5B
3740		5B
3741		4L1 (5B)
3742		4L0 (5B)
3743		5B (4L0)
3744		5B (4L1) (4E4)
3745		4E0 (4G) (4B)
3746		4E0, 4E4 (5B)
3747		4L
3748		4L1 (5B, 4E0)
3749		5B (4L1, 4D4)
3750		4E0 (4C0, 4L1)
3751		4D4 (4L1)
3752		4L1 (4D4)
3753		4E0 (4L1, 4C0)
3754		4L1 (4D4)
3755		4E4 (4E0, 4C0, 4L0)
3756		4E4 (4E0, 4C0)
3757		4E0 (4L1)
3758		4E0 (4L1, 5B)
3759		4L1 (5B, 4C0)
3760		5B (4L)
3761		5B (4L)
3762		4L1 (4C0, 4E4)
3763		4L1 (4C0)
3764		4L1 (4C0)
3765		4L1 (4C0)

000 ang

✖

~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-03

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM Terr. Plane Co-ords.: 903121.35 N

594215.482 E

Grid Co-ords: 14E - BL

All symmetry determinations looking

Elevation: 1161.596 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 200 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>1/6</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 26/3/81 Completed: 27/3/81



~~DIAMOND~~ DRILL ~~LOG~~ LOG

Date: 28/6/81

Hole Number: 81-VR-04

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 903143.482 N

594235.444 E

Grid Co-ords: 14E - 1N

All symmetry determinations looking

Elevation: 1166.046 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 200 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: [Signature] Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<u>6 5/8"</u>	From	<u>CASING</u>	To	_____	Collar Cased and Capped:	<u>No</u>
------	---------------	------	---------------	----	-------	--------------------------	-----------

Hole Cemented: No

Steel down hole: No

Started: 27/3/81 Completed: 28/3/81





~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-05

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 903163.092 N

594258.005 E

Grid Co-ords: 14E-2N

All symmetry determinations looking

Elevation: 1167.886 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 200 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 28/3/81 Completed: 29/3/81





~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-06

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~  
Co-ords.: 903033.730 N

594208.561 E

Grid  
Co-ords: 16E-25

All symmetry determinations looking

Elevation: 1146.237 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 125 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Hole had intersected 4L

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 7/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 29/3/81 Completed: 29/3/81





~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-07

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Ferr. Plane~~ Co-ords.: 903053.315 N

594232.846 E

Grid Co-ords: 16E - 1S

All symmetry determinations looking

Elevation: 1151.061 metres

with dipping

Total Depth: 185 feet.

with dip azimuth

Purpose:

Reason hole Terminated:

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 29/3/81 Completed: 31/3/81





~~DIAMOND DRILL~~ CORE LOG

Date: 26/6/81

Hole Number: 81-VR-08

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Terr. Plane~~ Co-ords.: 903073.542 N

594256.732 E

Grid Co-ords: 16E - BL

All symmetry determinations looking

Elevation: 1156.086 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 165 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose:

Reason hole Terminated:

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 31/3/81 Completed: 1/4/81



Code	From	To	Sample No.	Description			
1	10	14	16	20	22	27	
	1650	1700	3896	3896	dk grey		A
	1700	1750	3897	3897	400		A
	1750	1800	3898	3898	dk grey		A
	1800	1850	3899	3899	dk grey		A
	1850	1900	3900	3900	dk grey		A
	1900	1950	3901	3901	dk grey		A
	1950	10100	3902	3902	dk grey		A
	11010	11050	3903	3903	400		A
	11050	11100	3904	3904	400; negligible PbZn		A
	11100	11150	3905	3905	dk grey		A
	11150	11200	3906	3906	400		A
	11200	11250	3907	3907	400		A
	11250	11300	3908	3908	5% qtz; 95% 400		A
	11300	11350	3909	3909	10% qtz; 90% 400		A
	11350	11400	3910	3910	lt grey		A
	11400	11450	3911	3911	lt grey		A
	11450	11500	3912	3912	15% qtz; 20% 400; 45% 4E4; 20% 400		A
	11500	11550	3913	3913	10% qtz; 35% 404; 55% 400		A
	11550	11600	3914	3914	15% 400; 20% qtz; 65% 400		A

~~DIAMOND~~ DRILL ~~LOG~~ LOG

Date: 26/6/81

Hole Number: 81-VR-09

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 903094.121 N

594278.458 E

Grid Co-ords: 16E-1N

All symmetry determinations looking

Elevation: 1161.271 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 185 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: \_\_\_\_\_

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>16</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 1/4/81 Completed: 2/4/81





~~STANDARD~~ DRILL ~~LOG~~ LOG

Date: 26/6/81

Hole Number: 81-VR-10

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Ferr. Plane~~  
Co-ords.: 903113.601 N

594301.415 E

Grid Co-ords: 16E-2N

All symmetry determinations looking

Elevation: 1165.079 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 80 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Steel from previous drilling down hole gauging tricone bit.

Logged by: / Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: 80 feet of 6 5/8" casing + previous drill steel.

Started: 2/4/81 Completed: 2/4/81





DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-YR-11

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 903048.064 N

594316.652 E

Grid Co-ords: 18E-1N

All symmetry determinations looking

Elevation: 1151.548 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD.

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: \_\_\_\_\_  
6 5/8" casing \_\_\_\_\_

Hole Cemented: No

Steel down hole: No

Started: 2/4/81 Completed: 3/4/81





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Page 1 of 3

Date: 26/6/81

Hole Number: 81-VR-12

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Terr. Plane~~ Co-ords.: 903008.369 N

594270.206 E

Grid Co-ords: 18E-1S

All symmetry determinations looking

Elevation: 1144.752 metres

with dipping

Total Depth: 100 feet

with dip azimuth

Purpose:

Reason hole Terminated:

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: 6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 3/4/81 Completed: 3/4/81





~~DIAMOND DRILL~~ ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-13

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

DTM ~~Terr. Plane~~  
Co-ords.: 902 963.739 N

594313.628 E

Grid  
Co-ords: 20 E - 15

All symmetry determinations looking

Elevation: 1148.417 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 85 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Hole was anchoring in waste rock.

Logged by: -PX

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 3/4/81 Completed: 3/4/81



Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	200	250	3978	S
	250	300	3979	waste
	300	350	3980	waste
	350	400	3981	waste
	400	450	3982	waste
	450	500	3983	waste
	500	550	3984	waste
	550	600	3985	waste
	600	650	3986	waste
	650	700	3987	waste
	700	750	3988	waste
	750	800	3989	waste
	800	850	3990	waste

~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-14

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM Terr. Plane Co-ords.: 903024.904 N

594382.217 E

Grid Co-ords: 20E-2N

All symmetry determinations looking

Elevation: 1155.999 metres

with dipping

Total Depth: 80 feet

with dip azimuth

Purpose:

Reason hole Terminated:

Logged by: \_\_\_\_\_ Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: _____
6 5/8"	Casing	_____	

Hole Cemented: No

Steel down hole: No

Started: 3/4/81 Completed: 3/4/81





~~DIAMOND~~ DRILL ~~LOG~~ CORE LOG

Date: 26/6/81

Hole Number: 81-VR-15

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 903005.003 N

594358.951 E

Grid Co-ords: 20E-1N

All symmetry determinations looking

Elevation: 1152.361 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 85 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Hole anchoring in waste rock.

Logged by: \_\_\_\_\_

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: _____
<u>6 5/8"</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Hole Cemented: No

Steel down hole: Yes

Started: 8/4/81 Completed: 8/4/81





~~DIAMOND DRILL CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-16

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~True Plane~~ Co-ords.: 902982.563 N

594337.772 E

Grid Co-ords: 20E - BL

All symmetry determinations looking

Elevation: 1150.217 metres

with dipping

Total Depth: 75 feet

with dip azimuth

Purpose:

Reason hole Terminated: Hole Caving, No air return

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 8/4/81 Completed: 9/4/81



~~STANDARD~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-17

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Ferr. Plane~~ Co-ords.: 902 943.353 N

594290.912 E

Grid Co-ords: 20E - 25

All symmetry determinations looking

Elevation: 1147.588 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100'

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: \_\_\_\_\_ Date(s) Logged: 1

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 9/4/81 Completed: 9/4/81





DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-18

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Terr. Plane~~ Co-ords.: 902976.391 N

594426.345 E

Grid Co-ords: 22E-2N

All symmetry determinations looking

Elevation: 1156.854 metres

with dipping

Total Depth: 100 feet.

with dip azimuth

Purpose:

Reason hole Terminated: RUD

Logged by: PW Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size From To Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: 9/4/81 Completed: 10/4/81



Geochemical Log (Sampler's Copy)

Logged By: PN

Sampled By:

Code	From		To		Sample No.	Description
	10	14	16	20		
	150		200		2134	dry; 50% lt brown; unconsolidated; 5% SB; 10% AL; 35% qtz
	200		250		2135	dry; 50% rusty unconsolidated; 30% qtz; 5% AL; 15% oxidized SB
	250		300		2136	dry; rust; 0% SB; 50% unconsolidated; 50% shaly + granitic chips
	300		350		2137	dry; rust; 50% unconsolidated; 25% qtz; 20% AL; 5% SB
	350		400		2138	40% 4EO; 15% qtz; 5% SB; 40% 4CO A
	400		450		2139	10% SP; 60% 4E4; 30% qtz A
	450		500		2140	15% qtz; 5% SB; 5% AL; 30% 4CO; 45% 4E4 A
	500		550		2141	25% qtz; 40% 4CO; 20% AL; 15% 4E4 A
	550		600		2142	30% 4D4; 25% qtz; 10% AL; 35% 4CO A
	600		650		2143	10% 4E4; 50% 4CO; 40% 4EO A
	650		700		2144	20% 4EO; 20% qtz; 60% 4CO A
	700		750		2145	25% 4EO; 50% 4CO; 15% 4DO; 10% qtz * A
	750		800		2146	50% AL; 40% 4D4; 10% qtz A
	800		850		2147	30% 4D4; 50% AL; 20% qtz A
	850		900		2148	20% 4D4; 20% qtz; 30% AL; 20% 4CO; 10% SB A
	900		950		2149	10% 4CO; 20% qtz; 40% SB; 30% AL A
	950		1000		2150	20% 4CO; 30% SB; 15% qtz; 35% AL A

2150/15

~~DIAMOND DRILL~~ ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-19

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Top. Plane~~ Co-ords.: 902868-732 N

594316-115 E

Grid Co-ords: 22E-35

All symmetry determinations looking

Elevation: 1148.597 metres.

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 160feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RVD

Logged by: PW

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To  
6 5/8" casing \_\_\_\_\_

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: 16/4/81 Completed: 10/4/81





DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-20

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

DTM ~~Top of Plane~~ Co-ords.: 902912.743 N

594359.623 E

Grid Co-ords: 22E - 1S

All symmetry determinations looking

Elevation: 1151.770 metres

with dipping

Total Depth: 100 feet.

with dip azimuth

Purpose:

Reason hole Terminated: ROD

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd

Size	<del>CORE</del> From	To	Collar Cased and Capped:
6 5/8"	Casing		No

Hole Cemented: No

Steel down hole: No

Started: 10/4/81 Completed: 10/4/81





DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-21

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM Terr. Plane Co-ords.: 902892.388 N

594338.341 E

Grid Co-ords: 22E-2S

All symmetry determinations looking

Elevation: 1151.089 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 11/4/81 Completed: 11/4/81





CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-22

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Ferr. Plane~~ Co-ords.: 902 935.683 N

594 382.852 E

Grid Co-ords: 22E - B2

All symmetry determinations looking

Elevation: 1152.798 metres

with dipping

Total Depth: 100 feet

with dip azimuth

Purpose:

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped:
6 5/8"	Casing		No

Hole Cemented: No

Steel down hole: No

Started: 11/4/81 Completed: 11/4/81





~~DRILL~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-23

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

~~Ferr. Plane~~  
UTM Co-ords.: 902955.483 N

594403.936 E

Grid Co-ords: 22E - 1N

All symmetry determinations looking

Elevation: 1154.683 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size <sup>CORE</sup> From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 12/4/81 Completed: 12/4/81





~~DIAMOND DRILL~~ CORE LOG

Date: 26/6/81

Hole Number: 81-VR-24

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 902832.615 N

594350.184 E

Grid Co-ords: 24E-35

All symmetry determinations looking

Elevation: 1148.638 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8" casing</u>	_____	_____	_____

Hole Cemented: No

Steel down hole: No

Started: 12/4/81 Completed: 13/4/81





~~DIAMOND DRILL CORE LOG~~

Date: 26/6/81

Hole Number: 81-VR-25

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Top Plane~~ Co-ords.: 902853.982 N

594373.622 E

Grid Co-ords: 24E-2S

All symmetry determinations looking

Elevation: 1151.178 metres

with dipping

Total Depth: 100 feet

with dip azimuth

Purpose:

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 7/8" casing

Hole Cemented: No

Steel down hole: No

Started: 13/4/81 Completed: 13/4/81





~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-26

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 902872 1004 N

594396 544 E

Grid Co-ords: 24E-1S

Elevation: 1154.169 metres

All symmetry determinations looking

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 150 feet.

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: ROD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 13/4/81 Completed: 14/4/81



Code	From		To		Sample No.	Description	
	10	14	16	20			
	350	400			2356	25% 4CO; 50% 4LO; 25% gtz	A
	400	450			2357	60% 4E4; 15% gtz; 25% 4LO	A
	450	500			2358	10% gtz; 10% 4LO; 40% 4E4; 40% 4EO	A
	500	550			2359	5% 4LO; 95% 4E4	A
	550	600			2360	15% 4E4; 5% 4CO; 50% 4LO; 30% gtz	A
	600	650			2361	10% 4D4; 20% 4EO; 20% gtz; 50% 4LO	A
	650	700			2362	shipped in LXXVIII	
	700	750			2363	20% 4EO; 40% 5B; 10% gtz; 30% 4LO	A
	750	800			2364	40% 5B; 35% 4LO; 15% gtz; 10% 4CO	A
	800	850			2365	20% gtz; 10% 4D4; 70% 4CO	A
	850	900			2366	50% 5A; 5% 4CO; 5% gtz; 40% 4EO	A
	900	950			2367	50% 5B2; 5% 4LO; 5% gtz; 40% 4EO	A
	950	1000			2368	30% 4EO; 25% gtz; 10% 4LO; 40% 5A (4A?)	A
	1000	1050			2369	15% 4LO; 5% 4CO; 50% 5B; 30% gtz.	A
	1050	1100			2370	15% 4EO; 20% 5A; 15% 4LO; 5% 4E4; 5% 4CO; 40% gtz	A
	1100	1150			2371	25% 4CO; 5% 5A; 35% 4LO; 35% gtz	A
	1150	1200			2372	15% 4CO; 45% 4LO; 40% gtz	A
	1200	1250			2373	5% 4CO; 5% 5B; 45% gtz; 45% 4LO	A
	1250	1300			2374	10% 5B; 5% 4CO; 20% gtz; 15% 4L; 50 5D	A
	1300	1350			2375	5% 4CO; 25% gtz; 45% 4LB; 25% 4LO	A
	1350	1400			2376	5% 4CO; 25% gtz; 40% 4LO; 30% 5B	A
	1400	1450			2377	60% 4EO; 10% 4LO; 30% 4CO	A
	1450	1500			2378	10% gtz; 10% 4LO; 80% 4EO	A

~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-27

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

~~Top Plane~~  
UTM Co-ords.: 902892.302 N

594419.466 E

Grid Co-ords: 24E - BL

All symmetry determinations looking

Elevation: 1155.536 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 150 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RuD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 14/4/81 Completed: 14/4/81





CYPRUS ANVIL MINING CORPORATION

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DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-28

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim:

UTM ~~Ferr. Plane~~ Co-ords.: 902825.661 N

594522.536 E

Grid Co-ords: 28E - 1N

All symmetry determinations looking

Elevation: 1159.756 metres

with dipping

Total Depth: 100 feet

with dip azimuth

Purpose:

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged:

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size From To Collar Cased and Capped: No  
6 5/8" casing

Hole Cemented: No

Steel down hole: No

Started: 14/4/81 Completed: 15/4/81





~~DIAMOND DRILL CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-29

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~False Plane~~ Co-ords.: 902804.231 N

594500.058 E

Grid Co-ords: 28E - BL

All symmetry determinations looking

Elevation: 1155.695 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 150 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Rud

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 15/4/81 Completed: 15/4/81





DIAMOND DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-30

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Ferr. Plane~~ Co-ords.: 902785.052 N

594477.348 E

Grid Co-ords: 28E-15

All symmetry determinations looking

Elevation: 1153.755 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing \_\_\_\_\_

Hole Cemented: No

Steel down hole: No

Started: 16/4/81 Completed: 16/4/81





CYPRUS ANVIL MINING CORPORATION

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~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-31

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 962830.619 N

594438.651 E

Grid Co-ords: 26E-15

All symmetry determinations looking

Elevation: 1152.902 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RUD

Logged by: PK

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 22/4/81 Completed: 22/4/81





~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-32

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 902894.559 N

594511.189 E

Grid Co-ords: 26E-2N

All symmetry determinations looking

Elevation: 1160.325 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RWD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~ From To Collar Cased and Capped: No  
6 5/8" casing \_\_\_\_\_

Hole Cemented: No

Steel down hole: No

Started: 22/4/81 Completed: 22/4/81



Geochemical Log (Sampler's Copy)

Logged By: \_\_\_\_\_

Sampled By: \_\_\_\_\_

Code	From	To	Sample No.	Description			
1	10	14	16	20	22	27	
	4,00	4,50	2,2,1,3	15% qtz; 75% 4CO; 10% 4D4	A		
	4,50	5,00	2,2,1,4	5% qtz; 95% 4D4	A		
	5,00	5,50	2,2,1,5	85% 4E4; 10% 4CO; 5% qtz	A		
	5,50	6,00	2,2,1,6	5% qtz; 10% 4L0; 70% 4CO; 15% 4D4	A		
	6,00	6,50	2,2,1,7	15% qtz; 85% 4CO	A		
	6,50	7,00	2,2,1,8	20% qtz; 60% 4CO; 20% 4L0	A		
	7,00	7,50	2,2,1,9	60% 4CO; 20% qtz; 20% 4L0	A		
	7,50	8,00	2,2,2,0	60% 4CO; 20% qtz; 20% 4L0	A		
	8,00	8,50	2,2,2,1	40% 4CO; 35% qtz; 25% 4L0	A		
	8,50	9,00	2,2,2,2	30% qtz; 60% 4CO; 10% 4L0	A		
	9,00	9,50	2,2,2,3	5% qtz; 15% 4CO; 25% 4L0; 55% 5B	A		
	9,50	10,00	2,2,2,4	10% 4CO; 60% 4L0; 30% qtz	A		

~~DIAMOND~~ DRILL ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-33

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM ~~Terr. Plane~~ Co-ords.: 902931.725 N

594465.580 E

Grid Co-ords: 24E-2N

All symmetry determinations looking

Elevation: 1157.941 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RWD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co. Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>No</u>
<u>6 5/8"</u>	<u>Casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 23/4/81 Completed: 23/4/81





~~DIAMOND DRILL~~ ~~CORE~~ LOG

Date: 26/6/81

Hole Number: 81-VR-34

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

UTM

~~Terr. Plane~~  
Co-ords.: 902912.529 N

594442.364 E

Grid  
Co-ords: 24E-1N

All symmetry determinations looking

Elevation: 1156.926 metres

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: Ru0

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size	<del>CORE</del> From	To	Collar Cased and Capped: <u>1/6</u>
<u>6 5/8"</u>	<u>casing</u>	_____	

Hole Cemented: No

Steel down hole: No

Started: 23/4/81 Completed: 23/4/81





DIAMOND DRILL CORE LOG

Date: 26/6/81

Hole Number: 81-VR-35

Reference Fabric Orientation Diagram:

Project: VANGORDA

Location: VANGORDA PLATEAU

Claim: \_\_\_\_\_

~~UTM Terr. Plane~~  
Co-ords.: 902978.634 N

594337.054 E

Grid Co-ords: 20E-BL

All symmetry determinations looking

Elevation: 1150.212 metres.

\_\_\_\_\_ with \_\_\_\_\_ dipping

Total Depth: 100 feet

\_\_\_\_\_ with dip azimuth \_\_\_\_\_.

Purpose: \_\_\_\_\_

Reason hole Terminated: RWD

Logged by: PN

Date(s) Logged: \_\_\_\_\_

Drilling Contractor: Midnight Sun Drilling Co Ltd.

Size ~~CORE~~  
From 6 5/8" casing To \_\_\_\_\_

Collar Cased and Capped: No

Hole Cemented: No

Steel down hole: No

Started: 23/4/81 Completed: 23/4/81



