

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: CNR 76-04

Fabric Orientation Diagram:

Project: Vangorda Plateau Remap

Location: _____

Claim: CHAMP 1

Terr. Plane

Co-ords.: 6903613.328 N

CAMC MINE
SURVEY

592776.339 E

Grid

Co-ords.: 21+50 S / 32 W

All symmetry determinations looking

_____ with _____ dipping

Elevation: 1160.081 metres

_____ with dip azimuth _____.

Total Depth: 678 feet = 206.7 m.

Purpose: _____

Logged by: GAS/LCP

Date(s) Logged: July 11/84

Drilling

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

Started: _____ Completed: _____

Feet

DDH C.N.R.7.6.0.4
2 8

Cyprus Anvil Mining Corp.
Lithologic Log

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Date: July 11/04 Logged By: GAJ/LCP

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
14.3	L 10	12.5		1	#	Casing - no core.
	L 12.5	14.7		2		Granite boulders (?) - foliated Anvil batholith, 10F etc. feldspars porphyry, schist. Foliation at odd angles to core. Assumed to be overburden.
17.4	L 14.7	15.7		3	5C13	Moderately foliated, coarsely mottled, dk to med green & off white calcite-quartz-chlorite metabasite. S ₁ marked by anastomosing dk green chloritic laminae wrapping around light calcareous patches. Very broken & rusty weathering - no significant faults. S ₁ cut by S ₂ coarse crenulations. Dugs marked by planar chlorite laminae.
18.3	L 15.7	16.0		14	5A11	Dk grey, moderately siliceous, hard, carbonaceous phyllite. Borderline for 1 - but more than normally siliceous. Pkcr chippy. Recovery 10% - no reasons why so poor.
20.1	L 16.0	16.6		15	5C13	Similar to Unit # 3 (47-57) this short, fine-grained, more strongly foliated zones & some S ₂ foliaform qtz-calcite veins. Core very broken & somewhat rusty weathering. Minor incipient gings.
22.5	L 16.6	17.4		16	5A11	Hard to med hard, carbonaceous, siliceous phyllite as Unit # 4 (57-60) locally has "dolomite flash". Core very broken & pkcr chippy. Some oxidation on S ₂ surfaces. Small interband of 5C1 (2") near 73'.

Code	From				To				Recov.	No.	Unit	Description
	10	14	16	20	22	24	26	28				
33.5	L	1740	1110							7	5C4*	± 3 Med to strongly foliated, med to dk green & white & yellowish tan mottled metabasite. Weakly to moderately calcareous - many contain omphacite weathering tan. Interval 83-88 is less foliated & retains believable relict igneous texture - best example seen to date of transition of 5B to "leopard rock" NOTE - put into reference collection + photographed Core intact No evidence this is a D ₂ fold hinge
35.1	L	1110	1125							8	5A11	9 minor ± 4 minor 9 for minor go in coarse qtz bands parallel S ₁ & S ₂ (about 1%) S ₂ nearly pervasive except where coarser bands retain some relict S ₁ . Minor interbands of highly weathered chlorite-muscovite phyllite similar to metabasite edges. Core med. to very broken 2' recovery between 110-116'. Minor core loss for rest of interval. Top to 117 is rubble / below that med. broken to intact / rubble at EOI. Minor "dolomite flashes" ^{coloured} From 122.5-125 short intervals of dk med grey lighter phyllite interbedded w/ unit - both w/ minor sulphides in bands & veins Alterations related to next unit? 122-125 rubble w/ 50% recovery
42.7	L	1125	1140							9	5C3	Similar to Unit #s 3 () & 5 (). Very calcareous. All strongly to moderately foliated. Carbonate weathers pinkish tan. Med. broken / recovery OK / no major faults

43.0

45.1

57.3

Code	From		To		Recov.		No.		Unit		Description
	10	14 16	20	22 24	26 28	30	34	35			
L	11410	11411				110	15C114			[5D14]	Hard, med. beige-grey, qtz-musc-minor chlorite phyllite w/ anastomosing fracture / foliation broad pyrite. Appears to be altered margin of metabasite. Minor infold of carbonaceous phyllite. Traces of bright green mineral.
L	11411	11418				111	5A11			9 minor 3 minor	Minor 3 fine strong "dolomite flush" which is locally insistent & intense. Core hard to med. hard. Similar to above 5A units. 5A1 units provide reasonable examples of bluish grey weathering when dry. Core med. broken to rubble / recovery OK / no fault.
L	11418	11880				112	5C4*			± 3	Not much evidence this is a D2 fold hinge. Similar to above foliated metabasites. Good S ₁ & S ₂ foliations marked by chlorite laminae. Variably calcareous - more calcareous at margins. Top 1.5' is fine grained, well-foliated - 1 st few inches like 5D4* / Bottom 2' is fine-grained, well-foliated rock last bit of which is like 5D4. Top & bottom thought to be derived from chilled margins suggesting looking at sill or dyke because no symmetry reversal. Upper & lower contact S ₁ foliform / lower contact S ₁ & S ₂ foliform - both are knife edge sharp. 4" of slight lightening of 5A at lower contact - but not at upper contact. Int 159.2-160.5 is fine grained, well foliated rock w/ reasonable relict igneous texture - same grain size as "chilled margins". Sharp S ₁ foliform lower contact & fault shows. upper S ₁ foliform upper contact S ₂ is all disrupted con. clay.

90.4

90.6

90.6

92.8

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
L	1188	12916	7	113	51A11	± 9 minor Dk grey to black, carbonaceous, siliceous phyllite Very well laminated in shades of black, dk grey, light grey to white. Laminations from fractions of mm to cm thick. Locally laminations have good lithons - significant intervals P52 foliated - in these regions S2 laminations rather than lithons. Unit has minor (1mm to 2cm) thick coarse white qtz-py bands resembling 4t bands - could be veins. Locally these bands have good banding in S2. Excellent "dolomite flash" - suggestive of calcite but can't get core to fizz again - even w/ 20% HCl. Core intact TOI-221 / 221-228 rubble 1 1/2' recovered / 228-241 intact to med. broken / 241-256 med. broken to poker chippy w/ minor local gauge, 2' of core loss mainly at top / 256-268 gauge IND, rubble & qtz-carb. filled fault bra fragments w/ 2' recovered - probable minor fault / 268-273 8" of poker chippy & rubble recovered / 273-284 1/2 med. broken to poker chippy & rubble 80% recovery / 284 1/2 - EOI med. broken, rubble w/ minor incip gauge, 6' recovery. May not be major fault
L	12916	12917	3	114	51D14*	Intact
L	12917	13104	5	115	51A11	Black & mottled. TOI-302 v. broken & rubble / 302-304.6 gauge & rubble - IND 50% recovery Has "dolomite flash"

Code	From		To		Recov.	No.	Unit	Description							
	10	14	16	20					22	24	26	28	30	34	35
93.8	L	1310	14	16	20	22	24	26	28	30	34	35	116	15A11	(10Q9 py) (5D4*) 50:20:30 Rubble of varying lengths, very broken & peker chippy 1 1/2' recovered
94.8	L	1310	14	16	20	22	24	26	28	30	34	35	117	15A11	As above Very broken & rubble. 75% recovery
97.2	L	1311	14	16	20	22	24	26	28	30	34	35	118	15A11	Gouge Black gouge & rubble w/ some preserved pieces of fault bra. Fault at 30°-50° C.A. based on fabric preservation in gouge 3 1/2' recovery
102.5	L	1319	14	16	20	22	24	26	28	30	34	35	119	15A16	[5A & minor] Dk gray to black, mod. hard to mod. soft carbonaceous phyllite beds laminations. Softer than above units. & based on "dolomite flash" Core mod. broken to locally rubbley - recovery OK.
111.8	L	1336	14	16	20	22	24	26	28	30	34	35	120	15A16	[5A & minor] (10Q9 pyzpa ± @?) 85:15 Exactly as above - & for "dolomite flash" Similar to Unit # 19 (319-336.5) w/ extra qt veins. Phyllite beds laminations, mod. soft, P52 foliated.
114.9	L	1367	14	16	20	22	24	26	28	30	34	35	121	15A11	(10Q9) 90:10 Mod. broken to rubbley w/ 7' recovery. Has "dolomite flash"

Mostly intact
minor rubbley
core loss near
gtc. veins

Code	From		To		Recov.	No.	Unit	Description
	10	14 16	20	22 24 26 28 30 34 35				
178.6	1377	586				122	5A11	<p>9 minor</p> <p>Has "dolomite flash"</p> <p>Dk grey to black, med. S₂ striped / PS₂ foliated, med. siliceous - hard, carbonaceous phyllite. Contains minor pt-sulphides 4A-like bands along S₂ & locally along S₁ - forming D₂ folds. Not laminated like 5A1 up higher in DDH - strongly S₂ foliated with micro-micro lichen texture. Most of bedding could be totally tectonic. Very minor green calc-silicate bearing bands.</p> <p>Core med. broken local rubble 701-385 recov OK / 385-474 intact / 474-482 calc-filled fracture 2 1/2° C.A. nothing major / 482-501 intact / 501-508 med. broken, locally poked chippy, minor incip gouge w/ pt vein at 501 / 508-ENT intact</p>
180.1	586	591				123	5A11	<p>(5D4*) 95:05</p> <p>5D4 as few cm thick bands S₂ Black rocks identical to Unit # 22 (377-586). Sulphides dominantly po w/ some along S₂ Core intact "Dolomite flash"</p>
206.6	591	678				124	5A11	<p>9 v.v. minor</p> <p>9 for very sparsely developed po bearing pt-sulphide bands & disseminated po along S₂. Intense "dolomite flash" <u>Not</u> able to repeat flash w/ acid bath of core - washing it down - letting it dry. What does the "flash" represent?!</p> <p>Entire last box has been given acid wash (10%) to see if flash will come back at a later time.</p> <p>Core intact Has mainly S₂ striping / fine lamination S₁</p>

E.O.H.

Feet

DDH C.N.R.7.6.0.4
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Structural Log

Date: July 15/84 Logged By: LCP

Code	From	To	Feature	Dip Direct.			Description
				Upper	Internal	Lower	
	10	14 16	20 22 24 26 28	32 34	38 40	44	
F	1470	1570	31B				v. broken & rusty weathering / no signif. faults
F	1570	1610	TIP 1				poker chippy - 10% recovery
F	1610	1660	31B				v. broken w/ minor incipient gouge
F	1660	1740	T31B				v. broken & poker chippy
F	1110	11170	R31B				v. broken & rubble
F	1110	11160	P 3				2' / 6' recovery
F	11170	11225	2B				mod. broken to intact
F	11225	11250	R 5				rubbly w/ 50% recovery
F	11250	11410	21B				mod. broken
F	11410	11480	R21B				mod. broken to rubbly
F	12210	12280	RIP 2				rubble 1 1/2' / 7' recovery
F	12280	12410	11B				intact to mod. broken
F	12410	125160	T21B8				mod. broken to poker chippy w/ minor local gouge - 2' lost
F	125160	12680	GRI 1				gouge - IND, rubble, & fault bxa 2' / 12' recov
F	12680	12730	TRP 1				8" of poker chippy & rubble recovered
F	12730	12845	TRB8				poker chippy, rubble, mod broken 80% recov
F	12845	129167	R21B5				mod. broken to rubbly w/ minor incip gouge 6' / 12' recovery
F	129173	13020	R31B				v. broken & rubbly
F	13020	13045	GRI 5				Ind gouge & rubble 50% recov.
F	13045	13080	TRB4				very broken, poker chippy, rubble 1 1/2' / 3 1/2' recov
F	13080	13110	R31B7				v. broken & rubbly 75% recov
F	13110	131190	31GR4				black gouge & rubble w/ some fault bxa 3 1/2' recovery fault 30-50°C.A
F	131190	1336	52BR				mod. broken to locally rubbly

