

CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: EA 71-213

Fabric Orientation Diagram:

Project: \_\_\_\_\_

Location: \_\_\_\_\_

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

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

\_\_\_\_\_ E

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

All symmetry determinations looking

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

Elevation: \_\_\_\_\_

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

Total Depth: 505 feet =

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

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

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

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

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2 8

FELT

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Lithologic Log

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

18.6

30.5

COUP

31.7

47.9

Code	From	To	Recov.	No.	Unit	Description					
	10	14	16	20	22	24	26	28	30	34	35
L	10	16		1	#	Sand, gravel, old boots & coke bottles					
L	16	20		2	SBO	med grey, calcareous soft phyllite with well developed gfc calc sstr. bands with excellent lithom texture - bands up to 3 cm thick - top 1' is rubbly - minor rubble @ 65.5' otherwise to <del>84</del> 84', med broken from 84-80I, recvy OK <del>100</del> 88-80I have ~5% 10cm 100# foliaform veins (verminform) of 1982 usage mainly pyrite porphs, some po replacing py porphs					
L	100	104		3	SB2.6	med dark grey, non calc, soft phyllite with thin quartzose sst. laminae - calcite restricted to gfc calc veins - pyrite porphs unit intact to 103, 103-104 is pokerchippy, recvy OK					
L	104	157		4	SBO	med grey med soft to soft calc phyl excellent microlith with gfc sstr. bands - @ 15.5 have 1/2' of dol in lith rather than calcite calc bands weath pale tan. dol more orangish 70I-120 poker chippy but recvy OK 120-130 m. broken recvy OK 130-133 v. broken to rubbly 133-135 intact					

135-139.5 upper part coherent dk grey flt bxn C.A.M.C. 1981-E-3A  
as argen in phyllitic matrix - lower half broken to rubbly with  
with white to 10 p  
~ 70% recvy  
140-150 v. broken to bly rubbly  
150-157 m broken to intact

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

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
48.8	L 11517	1160		5	SDO	(SBB) 70:30 m. olive green homogeneous calc chl. phyllite minor gtz calc veining - center of unit is thin non calc m. grey phyllite with no sstn bands, ps. foliated interval m. broken to intact
58.8	L 1160	1193		6	SDO	± 2 med grey calc-phy, med soft, calc gtz sst terrine foss not present to at least 50% locally, last 4' have increasing carbon content so rx go from med grey to dark grey py & po porphs are present top is short gorge rubble zone, IND otherwise unit is in broken to intact, recvy OK
61.3	L 1193	201		7	SDO	± 2 minor m grey to m dk grey calc phy weath to rusty orange brown related to dolomite in gtz CO <sub>3</sub> sst bands calcite still present can see py porphs unit is m. broken to intact 197-198 is pokorclippy
78.6	L 201	258		8	SDO	± 2 (SDO) minor m grey calc phy w. well developed calc gtz terrine good micro liths, locally w. dolo sections <10cm thick weath brownish tan. 10cm SDO band @ 240'

Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34	35	
												intact except 245-247 is broken & rubble py porphs & po porphs both.
90.8	L	258	265						9	SDO	(SDO) minor homog m. olive green, v. sparse gtz calc bands 1 pyrite porph. - 1/2 of interval with S <sub>2</sub> down core axis ⇒ late fld. intact.	
91.4	L	265	300						110	SBQ	m. grey calc phyllite locally well dev. gtz calc sst micro liths / liths - intervals up to 2' long are PS <sub>2</sub> foliated. py & po porphs, py with po on margins of and along fractures of porphs intact	
92.0	L	300	302						111	SDO	m. olive green - m. soft - more phyllitic look than normal py & po porphs. intact	
94.8	L	302	311						112	SBQ	(SDO) v. minor m. grey calc phy poorly develop lithons with gtz calc sstn bands, SD as S <sub>2</sub> as S <sub>2</sub> Foliated band in middle of unit po > py in porphs intact	

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Code	From		To		Recov.			No.			Unit	Description
	10	14	16	20	22	24	26	28	30	34		
L	311	0	314	0					13		SD9	po porphs, intact
L	314	5	324	0					14		SBO	(SB20) 80:20 SB20 is gradual 2' darkening of calc phyllite at bottom of interval - upper part m. grey. py porphs and some po porphs. sst bands present but not forming excellent microthins. Core is intact
L	324		333	0					15		SBO	(±8 (SD0) 70:30 m. grey phyllite interlayered w olive green chl phyllite. chl phy as 30cm to 5cm thick intervals. Locally phyllite has greenish tinge on cut surf but still has grey s. folia. py porphs core is intact
L	333	0	348	0					16		SD6	(SB6) 70:30 interbedded m. to m. dk grey phy + med olive green chl phyllite with SD up to 50cm thick - SB6 lacks sst laminae & is p.s. foliated core intact to m. broken.
L	348	0	352	5					17		SD6	soft m. olive green chl phy - gte bands & veinlets intact

95.9

98.8

CDUp

101.5

DSMCG

106.1

107.4

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Code	From		To		Recov.	No.	Unit	Description		
	10	14	16	20					22	24
L	3525	3570				118	SB6	(SD6) 70:30 SB lacks gtz calc sst laminae - both green & grey phyl are non calc, 1-SD band in middle intact		
L	3570	3625				119	SB0	±2 (SD0) SB has gtz calc sst laminae - locally m. dk grey - SD as bands 10-50 cm thick intact		
L	3625	4190				210	SB0	±2 ±8 in top 1/2 py. porphs being replaced by po also po porphs. calc gtz sst laminae weath to pale tan. ±2 mainly in lower part of interval where phyllite gradually darkens intact to 390 recvy ok 390-392.5 is coherent flt. Bxq upper part is carbonaceous with clasts of gtz & phyllite in phyllitic matrix; related fractures up to 5m other at 55/100 carb. shear plane (=foln) @ 55 392.5-419 is intact ±8 = greenish color down to ~387'		
	4190	4655				21	SB2	±0 m dark grey to dk grey m. hard phyllite with gtzose bands having dolomite but calcite is CO <sub>2</sub> for short intervals - carbonate weath dark rusty brown.		

108.8

110.5

127.7

COUP

141.9

Coup

143.9

5A\*

153.9

DSM6g

Code	From	To	Recov.	No.	Unit	Description
1	10 14 16	20 22 24	26 28 30	34 35		
						unit contains fault bxa + gouge - chlorite may be related to it.
						to 424.5 is intact
						424.5-425 is fault Bxa - late vein type Bxa upper contact 11 S <sub>2</sub>
						425-428 = intact to broken
						428-436 is gouge with ~40% recovery
						436-445 is broken to rubble - recvy ok
						445-E01 poker chippy to broken but recvy ok
L	465.5	472.0		22	SB26	FAULT BXA (SC\$) minor
						Looks similar to <del>Fire</del> fault rock - minor SC fragments in phyllitic matrix
						Upper CNT = IND lower 11 S <sub>2</sub>
						upper 3' small pebbles all that's left - 10% recvy
						rest of unit good recvy intact
L	472.0	50.50		23	SD01	±6 (SB80 ±6) 80:20
						gradations between homogeneous chl phyllite and chl phy with well developed calc gte lithons and greenish grey phyllite. Patchily non calcareous in minor amounts. Intact except last 5' which is fault Bxa and gouge upper contact IND - hole ends in fault.
						505 = E04

FEET DDH 71-213  
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Structural Log

Date:            Logged By:           

Code	From		To		Feature	SYN	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			Dip	Direct.	Dip	Direct.	Dip	Direct.		
	28	32	34	38	40	44								
S				1612	0	C/S12						76		
S				1810	0	C/S12						88		
S				1913	0	C/S12						75		
S				1111	0	C/S12D						75		
\$				1121	0				210	0100				Late crenulations cleave Z-asymmetry looking NW
S				1122	0	C/S12						85		
\$				1136	0							65		shear plane
S				1149	0	P/S12						76		
S				1170	0	C/S12D						70		
S				1181	0	C/S12						80		
S				1210	0	C/S12D						70		
S				12114	0	C/S12						78		
S				12219	0	C/S12						65		
S				12143	0	C/S12						75		1/2 domain dip
S				12165	0	P/S12						75		S <sub>1</sub> // C/S <sub>2</sub> / P/S <sub>2</sub> ?
S				1279	0	C/S12D						75		
S				12198	0	C/S12						78		
S				13118	0	C/S12						80		
S				1327	0	C/S12						77		
S				13147	0	C/S12						76		→ P/S <sub>2</sub> locally
S				13171	0	C/S12						90		
S				13186	0	C/S12						66		
\$				14104	0	C/S12						55		cut by faults
S				14104	0	C/S12						74		
S				14119	0	C/S12						75		
S				14152	0	C/S12						75		
S				14165	0	P/S12						75		
S				1479	0	P/S12						80		
S				14188	0	C/S12						82		
S				14195	0	C/S12						75		

Feet

FAULT

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Structural Log

Date: Aug 9/84 Logged By: LCP

REC UPPER INT LOWER

Code	From		To		Feature	E/W	S <sub>0</sub>		S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	32	34	
F	1611	0	1620	0	R								rabbly
F			1655		1R								minor rubble
F	1620		11010	0	2B								mod. brken
F	11013	0	11210	0	T								poker chippy - recov OK
F	11210	0	11310	0	2B								mod. brken
F	11310	0	11330	0	3BR								v. brken to rabbly
F	11350		11395		XIRB7								upper part coherent fault bxa, lower 1/2 brken to rabbly w/ 70% recov.
F	11410	0	11510	0	3BR								v. brken to locally rabbly
F	11510	0	11800	0	1B								mod. brken to intact
F			11610	0	GR								short gauge (IND) & rubble zone
F	11610	0	12010	0	1B								mod. brken to intact
F	11917	0	11918	0	T								poker chippy
F	12450		12470		BR								brken & rabbly
F	13313	0	13480	0	1B								intact to mod. brken
F	13910	0	13925		3X								coherent fault bxa
F	14245		14250		X1Q		9.9	9.9	9				vein type fault bxa upper contact 11S2
F	14250		14280		1B								intact to brken
F	14280		14360		G	4							gauge 40% recov
F	14360		14450		BR								brken to rabbly - recov OK
F	14450		14615		TB								poker chippy to brken - recov OK
F	14615		14720		3X					9.9	9.9	9.9	coherent fault bxa Tie fault rock upper contact IND lower contact 11S2
F	14615		14685		P								10% recovery, pebbles
F	15010	0	15015	0	XG								fault bxa & gauge upper contact IND 1 DDH ends in fault

EOH

