

CYPRUS ANVIL MINING CORPORATIONDIAMOND DRILL CORE LOGHole Number: 80-1-01

Fabric Orientation Diagram:

Project: _____

Location: WIND LAKE

Claim: _____

Terr. Plane
Co-ords.: 22,656,700 N378,500 EGrid
Co-ords.: _____

All symmetry determinations looking

NW with S₂ dippingElevation: 929.6 m. SW with dip azimuth _____.Total Depth: 825.9Purpose: ASSESSMENT HOLELogged by: JWM Date(s) Logged: _____Drilling
Contractor: ADD Core: Size From To Collar Cased
and Capped: NONQ 0 277.3BQ 277.3 825.9

Started: _____ Completed: _____

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	100	1743	01		0/3
L	1743	1897	02	360	trace chlorite, non-calcareous phyllite (grey)
L	1897	1852	03	090	
L	1852	11165	04	360	As in unit 2. minor seams silica, sporadic chlorite (localized) minor intervals 090, non- calcareous (throughout, almost totally devoid of <u>any</u> sulfides. Fault? gouge zone, 11 to S ₂
L	11165	11167	05	360	minor chlorite, As in unit 09
L	11167	11272	06	360	090 50/50
L	11272	11292	07	360	As in unit 06, 09
L	11292	11465	08	360	Fault? minor breccia + gouge 11 to S ₂
L	11465	11468	09	360	As in unit 08, grey phyllite -suspect actually more chlorite than than is indicated by colour.
L	11695	11654	11	3M12	equivalent to S _D silica rich, noncalcareous.
L	11654	11704	12	360	As above
L	11704	11708	13	090	
L	11708	11726	14	3M12	As in unit 11
L	11726	11729	15	360	
L	11729	11750	16	3M12	As in unit 11, 19 equivalent to <u>S_D</u>
L	11750	11976	17	360	As in unit 10, devoid of <u>any</u> sulfides, increasing seams silica towards end of interval
L	11976	11981	18	090	
L	11981	11991	19	360	As in unit 17
L	11991	211A1	20	360 9	non chloritic? distinctive very fine grained salt & pepper texture texturally significantly different than above 360, very finely grained gritty "feeling"

Lithologic Log

Logged By: JWN

Case	From			To			Unit	Code	Description
	10	14	18	20	22	23			
L	21	1	1	21	1	2	21	360	minor fault zone
L	21	2	2	22	1	5	22	369	As in unit 20 increasingly graphitic constant - locally contains very fine grained diss. py
L	22	1	5	23	1	0	23	3E0 (369)	As (texturally) in unit 20 - not truly phyllitic (gneiss) - very fine grained py throughout (~0.1%) Silica - fine grained ~ 1%? other than OQO - possibly represents an original texture? in these units gritty appearance & feel.
L	23	1	0	23	1	0	24	3E0	Fault zone 11 to 52
L	23	1	0	23	3	4	25	3E0	typical phyllitic (graphitic)
L	23	3	4	23	6	5	26	369	- gritty 3G variable amounts very fine grained py decreasing occasional (minor) 2-5 mm band narrow by foliation to 52 in 3E0, occasional clasts of very fine grained silica embedded in 3E (well rounded).
L	23	6	5	23	7	5	27	3E0	phyllitic pyrite in occasional bands silica
L	23	7	5	23	9	7	28	369	As in unit 26, 22 + 21, very minor (thin 1-5 mm) bands disseminated pyrite in silica matrix
L	23	9	7	24	1	3	29	OQO	
L	24	1	3	24	4	2	30	369	As above unit 28, prominent white clasts (altered Feldspar?) in varying degrees of elongation - many angular.
L	24	4	2	24	4	9	31	OQO	
L	24	4	9	27	3	9	32	360	gradational contact where 369 → 360 over 3.0 m interval, minor (very localized) intervals carbonates (1-5%) mineralogically the same as 369, contains clasts which for the most part are plagioclase, good grained bedding, where observed tops overturned.

Code	From	To	Unit	Code	Description
	10	14	16	20 22 23 25 27	
L	2739	2746	33	363	minor silica rich region
L	2746	2942	34	360	As in unit 32, minor regions Carbonate, thin silica "seams"
					to S ₂ Hole REDUCED TO BQ at 2773
L	2942	2978	35	360	MUD SEAM & FAULT GOUGE
L	2978	3018	36	360	As in unit 34, minor carbonates - mostly along seams & fractures minor pyrite throughout - very fine grained.
L	3018	3018	37	5D0	Calcareous (equivalent to 5D) minor finally diss. or associated with 5D
L	3018	3309	38	360	As in unit 36
L	3309	3334	39	360	fine fine grained (clasts?) of Feldspar? andalusite? - appears to be calcareous (incl. clasts)
L	3334	3342	40	0100	minor intervals 360
L	3342	3388	41	360	py < po
L	3388	3392	42	090	
L	3392	3559	43	360	As in unit 39, intervals of 36 which contain abundant andalusite? (clasts?) - probably a metamorphic texture; locally chloritic locally to 5-10% Q00
L	3559	3516	44	5D0	As in unit 39, the calcareous
L	3516	3623	45	360	As in unit 43, carbonates along fracture zones
L	3623	3630	46	360	localized crush zone - gravel core
L	3630	3634	47	360	
L	3634	3638	48	0100	10% 360 - chloritic
L	3638	3746	49	360	As in unit 45 - locally andalusite rich.
L	3746	3762	50	Q00	360 50:50
L	3762	3834	51	360	py > po Very fine grained Foliated, py & po in S ₂ plane
L	3834	3836	52	360	gouge - broken core? - minor gouge zone.

Lithologic Log

Logged By: WJM

From		To		Unit			Code			Description
10	14	18	20	22	23	25	27			
13836	13880	13880	13992	53	54	55	360		As in unit 51	
13880	13887	13887	13992	54	55	55	360		Gouge + Broken core	
13887	13992	13992	14007	55	56	56	360		As in unit 54, fine foliiform pyrope in S2 plane, abundant ozo	
13992	14007	14007	14059	56	57	57	360		gouge - fault contacts // to S2	
14007	14059	14059	14180	57	58	58	360		well broken core - not fault gouge.	
14059	14180	14180	14180	58	59	59	360		As in unit 55	
14180	14180	14180	14198	59	60	60	360		fault gouge - contacts appear parallel to S2	
14180	14198	14198	14210	60	61	61	360		Abundant gouge region - intermixed with non-gouge 36	
14198	14210	14210	14226	61	62	62	360			
14210	14226	14226	14231	62	63	63	360		→ This interval texturally resembles S4 silica remobilized	
14226	14231	14231	14238	63	64	64	360			
14231	14238	14238	14239	64	65	65	5D3			
14238	14239	14239	14260	65	66	66	363		minor calcareous intervals throughout.	
14239	14260	14260	14303	66	67	67	360		423.1 - 430.3 overall less carbonaceous content than L6 in general.	
14260	14303	14303	14310	67	68	68	0Q0			
14303	14310	14310	14315	68	69	69	0Q0			
14310	14315	14315	14395	69	70	70	360		Fine foliiform pyrope, "dark" 36	
14315	14395	14395	14398	70	71	71	5D3		silica + carbonate breccia 439.7-439.8	
14395	14398	14398	14459	71	72	72	360		As in unit 69	
14398	14459	14459	14471	72	73	73	0Q0			
14459	14471	14471	14568	73	74	74	360		occasional carbonates in tectonic insect zones, light grey minor chlorite 360 is not as dark (carbonaceous) as that higher up in L6.	
14471	14568	14568	14574	74	75	75	360		"sulfaceous appearance" - possibly fine grained andalusite ubiquitously.	
14568	14574	14574	14575	75	76	76	5D3			
14574	14575	14575	14711	76	77	77	360		As in unit 74	
14575	14711	14711	14724	77	78	78	360		light grey phylite	

Core	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	
L	4724	4727	78	363	minor interval calcareous 36
L	4727	4775	79	360	"normal" grey phyllite
L	4775	4778	80	090	
L	4778	4970	81	360	As in unit 79, occasional (minor) intervals 363, py ubiquitous, occasionally py pores in silica enriched intervals.
L	4970	4971	82	360	minor gouge zone 11 to S ₂
L	4971	5175	83	360	"normal" grey phyllite, occasional intervals foliated, py 7.20, variably calcareous (minor) intervals.
L	5175	5180	84	363	
L	5180	5195	85	360	As in unit 83
L	5195	5251	86	360	1000 60:40 36:09 519.0-529.2-15m REC
L	5251	5498	87	360	As in unit 85, 83
L	5498	5506	88	360	gouge - possible broken & ground core.
L	5506	5602	89	360	As in unit 87, fine grained blabby py, py 20%
L	5602	5625	90	360	360 - silica cemented fault zone - excellent tectonic fabric tectonic clasts to 1-3 cm (silice)
L	5625	5639	91	367	→ 503 40:60 503/3673 calcareous
L	5639	5822	92	360	light grey phyllite as in unit 89, py 20% but composition generally? enriched in SiO ₂ over that 360 in upper sections of unit.
L	5822	5826	93	503	
L	5826	6086	94	360	As in unit 92, locally enriched in SiO ₂
L	6086	6087	95	503	
L	6087	6103	96	360	abundant & broken & ground core
L	6103	6335	97	360	As in unit 94, enriched in SiO ₂ throughout "intervals" in but composition & 090
L	6335	6339	98	090	
L	6339	6763	99	360	Normal 360 - variably chloritic throughout, well banded.

Structural Log

Code	From	To	Feature	S ₁			S ₂			Description		
				Dip	Strike	Direct.	Dip	Strike	Direct.			
	10	14	16	20	22	24	26	28	32	34	38	
S			1716		CSIR				61			
S			1811	7	CSIR	S			77			S region 74.3 - 81.7
S			1846	6	CSIR	Z			80			Z region 81.7 - 84.6
S			1818	7	CSIR	S			70			S region 84.6 - 88.7
S			1920	0	PSIR	P			66			PSIR region 88.7 - 92.0
S			1928	8	CSIR	S						S sym 92.0 - 92.8
S			1961	0	PSIR	P			69			P Region 92.8 - 96.1
S			1987	7	CSIR	M			80			M region 96.1 - 99.7
S			1030	0	CSIR	S			70			S sym 99.7 - 103.0
S			1109	0	PSIR	P			80			PSIR 103.0 - 109.0
S			1111	0	PSIR	D						DD region 109.0 - 111.0
S			1119	9	CSIR				74			
S			1119	0	CSIR				61			
S			1231	1	CSIR	S			75			S sym 111.0 - 123.1
												S sym dominates but PSIR overall + some H
S			1130	9	PSIR				65			S ₃ = 65° to core axis
												132.9 S ₃ = 70° to CA.
S			1359	9	PSIR				75			From 130° to 188.3° on
S			1398	8	PSIR				85		Z	<u>Sym determinations</u>
S			1418	7	PSIR				86		S	are <u>too sporadic</u>
												to be useful.
												Also interference by S ₃ on
												S ₂ is causing confusing
												sym. det which are incorrect
												Sym. values noted are
												are spot determinations.
S			1548	8	PSIR				80			
S			1610	9	PSIR				88			
S			1670	0	PSIR				75		S	
S			1728	8	PSIR				70			
S			1759	9	PSIR				75		Z	
S			1792	2	PSIR				70		Z	
S			1822	2	PSIR				82			
S			1853	3	PSIR				75			

Structural Log

Code	From		To		Feature	S ₁		S ₂		Description		
	10	14	16	20		22	24	26	28		32	34
S				188	3	PSZ				78		Z
S				194	5	PSZ				73		REGIONALLY SYM. OBSERVED
S				199	0	PSZ	P			76		PSZ 123.1 - 199.0
												199.0 - 246.2
												No sym observed
												pervasive S ₂
S				210	3	PSZ				75		over entire interval
S				210	6	PSZ				84		S ₂ is not a dominant
S				211	5	PSZ				74		texture - "massive"
S				221	5	PSZ				78		
S				222	7	PSZ				80		
S				231	0	PSZ				65		
S				231	8	PSZ				72		S ₂ = 40°
S				245	0	PSZ				74		
S				246	2	PSZ	R			63		Predominately R region
												- weakly to pervasive S ₂
												in "massive" 369?
S				249	8	CISZ	Z	610		65		S ₁ SW Z region 246.2 - 249.8
S				251	0	PSZ	P					PSZ 249.3 - 250.0
S				251	7	CISZ		612		83		S ₁ SW
S				254	8	CISZ		510		75		S ₁ SW
S				257	3	CISZ	S			75		S ₁ sym = DOMINANT - BUT ALSO PRESENT 250.0 - 257.3 (M?)
												S ₁ dominant from
												250.3 - 257.3
												SEVERAL SAMPLES TAKEN
												AS EXAMPLES
S				261	2	CISZ	S			77		S ₂ = 62°, NE, S sym. 257.3 - 261.2
S				261	5	PSZ				78		S ₂ = 45° NE
S				269	1	PSZ				78		
S				274	9	PSZ				84		
S				277	3	PSZ				88		
S				282	4	PSZ				87		
S				286	7	PSZ	P	610		70		S ₁ dip NE PSZ 261.2 - 286.7
S				287	2	PSZ	Z					Small Z region 286.7 - 287.2
S				290	1	PSZ	P			80		PSZ 287.2 - 290.1
S				291	2	CISZ	S	610		80		S sym 290.1 - 291.2

S₁ SW

Structural Log

Logged By: JWM

Core ID	From	To	Feature #	S ₁ Dip Direct.				S ₂ Dip Direct.				Description								
				8	10	12	14	16	18	20	22		24	26	28	30	32	34	36	38
S		1294	2	PSZ								80								PSZ 291.2-294.2
S		297	2	EXAG																Fault zone
S		299	2	CSZ								85								Z sym 294.2-299.2
S		310	2	PSZ								83								
S		310	2	CSZ								80								S sym dominates 299.2-307.2 minor Z observed.
S		311	2	CSZ								85								
S		311	3	CSZ								60								Z sym dominates 307.2-311.3 minor S observed
S		311	3	CSZ																S ₁ to NE NE NE
S		311	3	CSZ								80								S ₄ = 35° to SW
S		311	6	CSZ								85								S ₃ = 42° to NE
S		312	0	CSZ								80								S sym dominant
																				311.3-320.8
																				minor Z observed as well
S		321	3	CSZ								85								Z sym 320.8-321.3
S		321	7	CSZ								75								S sym dominant 321.3-327.0 S ₃ = 42° NE
S		321	8	PSZ																PSZ 327.0-328.4
S		321	8	CSZ																Z sym 328.4-328.7
S		321	9	CSZ								80								S sym 328.7-329.1
S		321	2	PSZ								81								S ₄ = 50° SW
S		321	5	PSZ								84								PSZ 329.1-335.1, possible Z region - minor determination
S		321	9	PSZ								72								
S		321	5	PSZ								84								S ₂ = 35° NE
S		321	7	PSZ								80								S ₄ = 45° SW
S		321	0	PSZ								85								PSZ 335.1-350.3
S		321	3	CSZ								75								Z sym 350.3-353.1
S		321	3	CSZ																S sym 353.1-353.9
S		321	7	CSZ								80								
S		321	0	CSZ								85								Dominant Z sym 353.9-360.2
S		321	5	PSZ								83								S ₃ = 58° NE
S		321	6	PSZ								80								PSZ 360.2-366.0
S		321	7	PSZ																S ₄ = 31° SW
S		321	8	CSZ								68								Z sym 366.0-367.8

Structural Log

Logged By: LWM

Core ID	From	To	Feature #	S ₁		S ₂		Description			
				Dip	Direct.	Dip	Direct.				
1	10	14	16	20	22	24	26	28	32	34	38
S		371	2						85		
S		377	0		P				70		PS2 367.8 - 374.0
S		375	7		Z				70		Z Sym 374.0 - 375.7
S		378	0		P				82		PS2 375.7 - 378.0
											NOTE: FROM
											378.0 TO EOH
											SYM AS LOGGED.
											ARE ONLY SPOT DETERMINATIONS
S		386	0		S				80		
S		391	0		P				85		
S		397	1		P				80		
S		407	4		P				75		
S		412	0		Z				60		
S		421	5		Z				55		
S		426	0		P				80		
S		431	8		P				75		
S		437	9		P				80		
S		443	4		P				70		
S		449	5		Z				70		
S		452	6		S				75		
S		462	0		S				86		
S		468	4		S				74		
S		471	5		Z				77		
S		480	6		P				85		
S		487	0		P				80		
S		492	9		S				80		
S		501	7		P				59		
S		508	0		S				65		
S		517	5		P				80		
S		526	7		S				81		
S		529	7		P				85		
S		540	1		P				79		
S		547	6		P				69		
S		553	2		P				75		
S		558	1		S				75		
S		565	4		P				82		

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Cyprus Anvil Mining Corp.

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Structural Log

Logged By: JWM

Core	From	To	Feature	S ₁				S ₂				Description
				Dip Direct.		Dip Direct.		Dip Direct.		Dip Direct.		
	10	14	18	20	22	24	26	28	32	34	38	
S			5678	PSZP					74			
S			5714	PSZP					75			
S			5785	PSZP					75			
S			5846	PSZP					72			
S			5876	PSZP					85			
S			5937	PSZS					84			
S			5998	PSZP					85			
S			6059	PSZP					78			
S			6120	PSZP					80			
S			6193	PSZP					75			
S			6239	PSZP					80			
S			6312	PSZP					79			
S			6379	PSZP					82			
S			6440	PSZP					80			
S			6509	PSZP					75			
S			6577	PSZP					83			
S			6638	PSZP					85			
S			6711	PSZP					84			
S			6743	PSZP					83			
S			6787	PSZP					65			
S			6842	PSZP					88			
S			6936	PSZP					83			
S			6997	PSZP					81			
S			7086	PSZP					67			
S			7156	PSZP					80			
S			7229	PSZP					68			
S			7269	PSZP					85			
S			7327	PSZS					78			
S			7418	PSZP					72			
S			7512	PSZP					76			
S			7576	PSZS					80			
S			7639	PSZP					73			
S			7704	PSZP					75			
S			7796	PSZS					80			
S			7866	PSZP					69			
S			7927	PSZP					70			

Lithologic Log

Logged By: JWM

SUMMARY LOG

Code	From	To	Unit	Code	Description
1	10	14 16	20	22 23 25 27	METERS
L	11100	11743	01	11	OVERBURDEN
L	11743	11847	02	31610	
L	11847	11852	03	0900	
L	11852	11645	04	31610	
L	11645	11654	05	500	
L	11654	11704	06	31610	
L	11704	11726	07	500	
L	11726	11729	08	31610	
L	11729	11750	09	5010	
L	11750	11976	10	31610	
L	11976	11981	11	0900	
L	11981	11991	12	31610	
L	11991	12300	13	31619	massive structure-less unit, (3I)
					- non platy, granitic clasts
L	12300	12334	14	31610	
L	12334	12365	15	31619	As in UNIT 13 (3I)
L	12365	12375	16	31610	
L	12375	12442	17	31619	As in UNIT 13,14 (3I)
L	12442	13083	3 18	31610	
L	13083	13086	19	500	3CALCAREOUS
L	13086	13559	20	31610	
L	13559	13561	21	500	3CALCAREOUS
L	13561	14238	22	31610	
L	14238	14239	23	503	
L	14239	14395	24	31610	
L	14395	14398	25	503	
L	14398	14574	26	31610	
L	14574	14575	27	503	
L	14575	15125	28	31610	
L	15125	15139	29	31617	→ 503
L	15139	15182	30	31610	
L	15182	15186	31	503	
L	15186	16086	32	31610	
L	16086	16087	33	503	
L	16087	16947	34	31610	
L	16947	16949	35	500	