DDH KERR BS 2 8

Cyprus Anvil Mining Corp.

Lithologic Log 016205

Logged By: GJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	100	1470	01	#	
L	1470	2255	02	368	medium grey to greenish grey ("normal") bedded musc chl phyllite (as in B-7 but more qtzose bands & seams greener) consisting of lt med lt grey pelitic grey green chl metasiltstone? and greenish grey granular qtz chl actnl bands - all qtz fine and locally transposed into S_2. Carbonaceous bands occur locally but are nowhere significant. A few late bull qtz chl veins lcly with minor sulphide but no sulph in rock except py cubes some gone to po as usual in this unit
					~~fault~~ sharp contact
L	2125 S	2170 0	03	407	slightly micaceous sulphide bearing quartzite sulphides mostly Py with minor po and small amounts of lt brn sphal + tr galena. Overall looks like one of the better base metal bearing sections of qtzite in the lake so far. Overall ~25% sulphides. This is obviously stratiform sulphides - very minor calcite gangue
L	2170	2283 0	04	368	Grey musc chl qtz phyllite with prominent green chl "clots" probably pre D_2 but some associated with qtz are obviously late. Many chloritic areas have po associated - appears to be normal grey phy with altn + min superimposed. non limy
L	2283 0	3012 0	05	4C7	Sulphides bearing qtzite ~10% sulphides upper 10' dominantly po rest dominantly Py minor copper neg Pb Zn non limy 284-287 greenish and calcsilicate looking ~~marking~~
L	3072 0	3119 0	06	3G6	Medium grey musc chl qtz ph with prominent well defined quartz chl. po > po+py > or mt wisplets or layers looks like normal or slightly more siliceous than normal pelitic phyllite cut by swarm of wisplets and deformed. However there is no clear cut evidence why this must be so. Texturally similar to ribbon banded.
					qtz sulphides + oxides non lim.

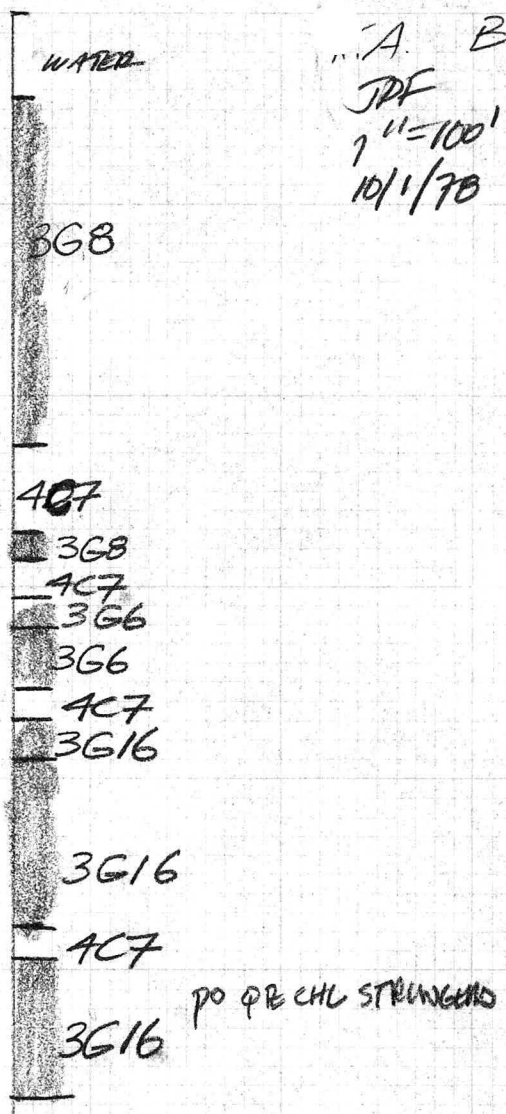
BS

DDH KERR 85 (2 / 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					gradational contact
L	131.90	315.10	007	3G6	Medium grey to light grey gtz musc chl phyllite with even more prominent sulphide bearing stringers as above - fg. gtz rich lithons as distinct from the stringers are more prominent but carry little or no sulphide ~ 7% sulph+ox min limy
L	315.10	366.0	008	4C7	Very micaceous quartzite with about 10% sulphides + oxides po > py+mt - much grungier & more micaceous than above gtzites min limy
L	366.0	386.0	009	3G16	gtz chl musc grey phyllite with po gtz chl stringers as above, grades downward to less siliceous version. - ~15% gtz chl po masses (late) min limy
L	386.0	476.0	010	3G16	Medium grey chl musc ± graph phy with po gtz chl stringers as above. ~5% po overall. - thinny late gtz chl po massos as well 386-417 very broken abdt gtz
L	476.0	490.0	011	4C7	Very micaceous quartzite - light grey - prominent gtz chl po stringers as usual 481-483 greenish calc sil gtzite 5° 6" massive po ~10% sulph overall
L	490.0	565.0	012	3G16	gtz musc chl ± musc chl gtz phyllite medium grey to light grey with po chl gtz stringers as usual - bull gtz chl sulph masses common in last 20' one with galena ~5% sulphides 501-504 green chlorite ± with 1" massive po bands.



A. B5
JDF
1" = 100'
10/1/78

DDH KERR BS (2 / 8)

Method _____

Cyprus Anvil Mining Corp.

Geochemical Log (Analyst's Copy)

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Date _____

CODE	FROM	TO	INTERVAL	SAMPLE No.	Ag GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	$BaSo_4$ %	Au GMS/MT	Fe (Sol) %	Fe (Insol) %	Hg %
1	10 14	16 20	22 25	27 31	33 36	38 41	43 46	48 51	53 55	56 59	60 63	64 67	68 71	72 75	76 79
	2255	2350	95		86	00	140								
	2350	2450	100		119	50	130								
	2450	2490	40		00	00	100								
	2490	2590	100		00	000	000								
	2590	2700	110		53	000	000								

TA B6
1"=100'
OPF
10/1/28

DDH KERR B6
2 8

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: GJ

B6

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	152 0	001	#	H_2O to B
L	152 0	335 0	023	GB	mod grey chl muse phyll with the usual lt greenish grey granular qtz rose bands along S_0 esp 222-230 ; 152-157
					Above ~260' very broken & with many late bull qtz + chl veins
					Below ~270. rx are more uniform medium grey with scattered early po qtz chl stringers ; "blotchy" chl alt(?)
L	335 0	341 0	033	GB	bull qtz ; rare fault zone ??
L	341 0	494 0	043	GB	light grey qtz muse chl phy with prominent qtz po chl stringers - Monotonous but highly variable - look like qtz mica phyllites of hole #9 but there are no good quartzite sections. Mineralization consists of ~ 10% po py qtz chl stringers with lesser sph and tr cpy - split section is no different, just disseminated sulphides not the good qtzites of B9 & B5. these could be veinlets or a broad zone of thin sulphide rich beds within ordinary pelitic to siliceous pelite beds with minor massive sulph sections.
					Much of core covered with oil but appears basically the same as the rest

DDH KERR B6 (2 / 8)

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Cyprus Anvil Mining Corp.

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Date _____

CODE	FROM	TO	INTERVAL	SAMPLE No.	Ag GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	$BaSO_4$ %	Au GMS/MT	Fe (Sol) %	Fe (Insol) %	Hg %
1	10 14	16 20	22 25	27 31	33 36	38 41	43 46	48 51	53 55	56 59	60 63	64 67	68 71	72 75	76 79
	4638	4706	68		243	2900	2600	5500							
	4706	4774	68		33	0400	1300								
	4774	4844	70		13	00	00								

DDH KERR87 (2 – 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
1	10 – 14	16 – 20	22 23	25 – 27	
L	0 0	193 0	01	#	H_2O + OB
					→ 4C — NO SULPHIDES?
L	193 0	2000	02	3G1	Grey muscl chl "bedded" phyllites medium to dark grey, ltgrey and greenish grey bands commonly transp into S_2
L	2000	3580	03	3G08	but also commonly preserved as original layering - many py cubes locally gone to po. as usual for this unit. Rare very carbonaceous bands but no where concentrated. A few lt greenish grey granular qtzose bands – 194-200 particularly qtzose. but no sulphides and no lime. Unit as a whole is also non limy – several late qtz chl minor po py veins especially below 320'. Scattered thin early qtz veinlets are present but generally carry no sulphides. one clearly cuts layering but is D_2 folded.
					EOH
					(Greenish bands should be looked at as possible tuffs as the unit could be transitional between lt green chl phyllites and more typical medium grey phyllites and could provide clues to proximity to volc build up. possibly in vicinity of swirm deposit. indicated by greenish phyllite host to sulphide beyond in 242 – 244)

DDH KERR88 (2 – 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	0 0	124 0	01	#	OB + H_2O but subordinate greenish with common grease layers / non carbonaceous to locally v. fissile with a few short sect. dark carb phy
L	124 0	142 0	02	3G8	Medium grey phyllite (musc chl non fissile) with short distinctive swirly cake altered look of blotchy green chl or act seems to be pretty much the same lithology to end of hole but shows significant variation in sulphide-oxide content
L	142 0	183 0	03	3G86	124-142 practically no sulphides
L	183 0	240 0	04	3G86	142-183 minor <5% po in qtz chl stringers many stringers without sulphides. minor cpy
L	240 0	270 7	06	3G86	183-223 ~10% po + mt mostly in thin stringers but a few thicker massive sections
L	270 7	271 5	07	4H8	223-240 about as above but small massive mt+po sections are closer ~15% po+mt
L	271 5	330 0	08	3G86	240.0-270.7 ~5% po in stringers
					270.7-271.5 massive po+mt.
					271.5-310 ~5% po in qtz chl stringers
					310-330 < 1% po in stringers comparable to top of section
					[279-302 lots of oil on core not too sure what's there]
					302 = EOH

DDH KERR 89 (2 — 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	0 0	123 0	001	#	H_2O + OB
BT					
L	123 0	147 0	02360		Medium to light grey gtz musc chl phyllite - looks like a gtz rich variant of bedded phy. with grey pelitic laminae alternating with gtz rich lamina along S_2 - Scattered po blebs after py cubes
L	147 0	181 0	03361		grey gtz musc chl phyllite with prominent th. green rich grey micaceous gtzite bands and minor green chlortic gtzite(?) with minor diss py ~ 10% po mostly in patchy gtz stringers 147.5 - 148.5 80% po with bxn gtz stringers - appears to be folded layer
L	181 0	186 0	04467		very light grey micaceous gtzite with ~ 10% sulphides in sulphide rich bands alternating with relatively barren gtzite. sulphides mostly py with ~ ⅓ po
L	186 0	193 5	05487		Green calc silicate gtzite with minor po
L	193 5	208 3	06460		light grey micaceous gtzite with ~ 10% sulphide bands mostly py
L	208 3	209 0	07487	?	green calc sil gtzite
L	209 0	213 0	08460		mic gtzite with <5% sulph in distinct gtz sulph bands
L	213	226 5	09361	6	gtz musc chl phyllite with ~ 10% po in po gtz chl bands.
L	226 5	229	10460		pyritic gtzite - ~ 30% py in near massive bands couple " thick
					Hanging wall gtz musc chl phyllite with about 5% diss & banded sulphides sporadic in and out of very light grey sparsely sulphide bearing mic gtzite in many places. The greyer more pelitic micaceous sections have chl gtz po

DDH KERR 89-2-8

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
					Stringers commonly exhibit the more gtz rich variants dont have chlorite
L	310.8	333.5	1,1	4G0	very light grey good micaceous quartzite with <5% banded sulphides - The quartzites in this hole are surely the usual sulphide hosts but for some reason are very poor in sulphides here
					Banded calc silicate qtzarites - Finely banded and strongly folded lt grey to white qtzite alternating with med grey micaceous qtzite and gtz micaph and greenish calc silicates (met qtzite?)
					360-385 particularly rich in calc silicates. (look like some of the rx in the bottom of 760)
					very barren of sulphides

DDH KERRB10 (2 / 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: GJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	000	210R	001	#	Ag + OB
		N			
L	210	270	002	BGO	Medium grey phyllite has slight greenish tinge but not very marked. Slightly carbonaceous 261 - 270 where only 2/3 core recovery - locally with lt greenish alt use layers as usual for this lithology but not overall siliceous - non limy "NORMAL"
				~~BQ III~~	
				~~N.I~~	
					No explanation of conductor unless washed away graph @ 261-270

DDH BC-73-1 (2 — 8)

Cyprus Anvil Mining Corp.
Lithologic Log

Logged By: [illegible]

Code	From	To	Unit	Code	Description
1	10 — 14	16 — 20	22 23	25 — 27	
L	10	120	01	#	OB
L	120	1320	02	3G1	6 ltgry to very lt grey gtz musc chl phyllite with short sections of v lt grey micaceous gtzite - many gtz po chl stringers ± gtz chl ± minor po stringers to layers - lime green chl as usual massive po 99-5-101 generally with a few % po in stringers . v oxidized broken above 51' intensity uncertain
L	1320	1520	03	3G0	Med grey slightly carbonaceous musc chl phyll with a few chl gtzite layers & scattered gtz po chl stringers Scattered thin green chloritic layers - 2" graph phyc @ 146' grades into 4. < 1% po in stringers
L	1520	1915	04	3GJ6	V ltgry gtz musc chl phyllite to mic gtzite with about closely spaced coarser gtz po ± chl stringers ← compare with 14-3 in wendoe swim Lk
L	1915	2120	05	3G0	V ltgry to light greenish grey gtzose lithons seperated by medium grey slightly carb musc chl phyllite - like overlying unit but with thin pelitic layers. like #3 but
L	2120	3170	06	5B2	with gtzose layers. Core becomes more broken with depth & gradually pelitic component becomes much more carbonaceous & more abundant and light colored layers become markedly calcareous below ~ 2720'
L	3170	3175	07	5A3	very limy graph phy compare with 73-3 in ww side of Lake.
/	3175	3243	08	5BC	mostly brn gtz veined grey med carb phyllite and 332-325 graph granular cs of metabasite
L	3243	3245	09	5A9	slightly limy carbonaceous phy to graph phy
L	3245	3378	10	5B6	Mostly very slightly to non limy med grey phyllite & 334-378 lt gry gtz granular cs of metabasite very broken & poor recovery esp 336-343 0%
L	3780	3890	11	5A3	limy graphitic phyllite 380-385 poor recy more graph.

DDH BC-73-1 (2 / 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: MJ

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	3810	3815	12	5BC	poor recovery - minor greenish c.s. or metabasaltic ? some nubble of grey carbonaceous phy ? greenish grey chl phyll. related to C.S.(?) a.a
L	3915	4013	13	5A3	limy graph phyllite, poor recovy .403-408 only <1' recovy more graph?
L	4013	5480	14	360	? Med grey v slightly carb mosc chl phyllite with light greenish to chk white gtz-cbe layers & ribbons. Very broken to 505'. Non limy Below 524' w/ th po & tr chl stringers po 2-3% Not as gtz-cbe as 5
					Bitch of a hole to log - presumably limy graph phy same as conductor & thin ± limy graph phy in chk - calc-silicate rx in 76-03 presumably same as those in Section 14

DDH BC 73-1

Method

Cyprus Anvil Mining Corp.

Geochemical Log (Analyst's Copy)

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Analyst

Date

CODE	FROM	TO	INTERVAL	SAMPLE No.	Ag GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	$BaSO_4$ %	Au GMS/MT	Fe (Sol) %	Fe (Insol) %	Hg %
1	10 14	16 20	22 25	27 31	33 36	38 41	43 46	48 51	53 55	56 59	60 63	64 67	68 71	72 75	76 79
	7815	8115	30		12	08	03			15					
	9915	10110	5		100	05	12			29					

DDH BC732 (2 / 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: JJ

Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
L	0 0	2 6 0	01	#	OB
L	2 6 0	11 15	02	3G0	Mostly med grey chl musc phy with a few gtz bands - not generally limy but there are a few short limy sections (~2") & presence of carb veins & very broken core makes it hard to be sure whether fizzing is from rock or veins seem mostly veins. - a few " of chl musc phy Grade into underlying unit though increase in carbon below ~95'
L	11 15	12 50	03	5A9	lt grey to black highly carb phy to graph gtz phy - a little lime at the top but not generally limy
L	12 50	12 60	04	5B8	lt grey limy chl gtz phyllite
L	12 60	12 75	05	5A9	as 3
L	12 75	13 19	06	5B9	med dk grey slightly to moderately carbonaceous phy
L	13 10	13 20	07	5B8	chl phy [illegible] like 4 but less lime
L	13 20	13 35	08	5B9	as 6
L	13 35	13 50	09	3G8	?lt grey chl phy with gtz stringers non limy but like 4
L	13 50	14 25	10	3G0	Mod grey chl musc phy like 2 - non limy
L	14 25	14 30	11	3G8	[illegible] chl phy with white limy stringers
L	14 30	15 40	12	3G0	as 10
L	15 40	17 80	13	3CD	green grey chl gtz calcite rock like 11 - calc sil or meta basite ?

DDH BC732 (2 — 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: _____

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	1880	4360	1A		med gray musc chl phyllite - generally non carbonaceous - commonly mottled w/ lt gray to off white qtz rich laminae, non uniy - fairly laminal except may be just a bit qtz rich - compare with 7603 below
BC732					graphite — Sparse scattered qtz chl ± po stringers but overall negligible sulphides except below ~4410' where stringers are more common and there is ~2-3% po - appears to grade into mod pyritic unit with increase in chl in last few feet.
L	4360	4387	15	3666	very light green markedly chloritic phyllite locally w/ white qtz-ose and/or musc rich laminae
L	4387	5180	16	3668	common qtz po ± chl stringers
					split section 4365 - 4388.7 is po stringers
L	5180	5200	17	36686	
					518-520 darker green & more chloritic with considerable po - looks post D_2 altered.
L	5200	5265	18	3668	SO_2 - H_2O
L	5265	5320	19	3668	
					526.5 - 532 split - lots of po & gal lesser spy or seem chloritized - need to interpret.
L	5320	5370	20	368	
L	5370	5490	21	3668	537-549 split qtz chl po ± gal ± spy stringers in chl phy
L	5490	6050	22	368	
					Below 550' v. lt green chl qtz phy as above 520 but with D_2 folded irregular qtz chl po stringers only few % po.
L	6050	6180	23	3668	
L	6180	6630	24	360	
					605-618 split - like above split section po dont lose gal.
					Below 618 v light green chl mush qtz phyllite - several lt qtz-ose sections - rare stringers below 625'

compare with bottom part 7603

DDH BC 73-2 (2 / 8)

Method _____

Cyprus Anvil Mining Corp.
Geochemical Log (Analyst's Copy)

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Date _____

CODE	FROM	TO	INTERVAL	SAMPLE No.	Ag GMS/MT	Pb %	Zn %	Pb+Zn %	S.G.	Cu %	$BaSO_4$ %	Au GMS/MT	Fe (Sol) %	Fe (Insol) %	Hg %
1	10 14	16 20	22 25	27 31	33 36	38 41	43 46	48 51	53 55	56 59	60 63	64 67	68 71	72 75	76 79
	4355	4395	40		311	01	91			09					
	4690	4700	10		75	09	14			14					
	5265	5325	60		100	210	1160			23					
							160								
	5370	5395	25		31	01	02			19					
	5395	5490	95		12	01	01			10					

DDH BC733 (2 8)

Cyprus Anvil Mining Corp
Lithologic Log

Logged By: MH

BC-73-3

Code	From	To	Unit	Code	Description
1	10 14	16 20	22 23	25 27	
L	10 0	115 0	01	#	OB
L	115 0	330	02	3CD	green slightly limy chl gtz granular rock Same as unit 13 in BC-73-2
L	333 0	337 0	03	369	very weakly limy carbonaceous phyllite
L	337 0	420	04	3CD	as 2
L	420 0	1460	05	361	Medium to light grey phyllite - more siliceous than normal ~~xx~~ non limy - short sections gritty gtz rose lt grey gtz mosc ± limy green chl lithons seperated by darker more carbonaceous musch phyllite - many pre D2 po+gtz ± chl stringers some with chl selvages. 146-160 more carbonaceous than normal 3-5% po in stringers definitely more stringers than phyllite unit of BC-73-2 but rx similar lime green chl looks like alteration assoc with stringers -
L	1460 0	1600	06	396	
L	1600	2470	07	361	
L	2470	2910	08	364	lighter grey to v lt white gtz mosc chl phyllite with gtz po chl stringers. ~3-5% po overall starts becoming sparser below ~287' (Not like chl unit of BC 73 2) Bleached? not quite like any rx in BC-73-2
		2911			EOH