Swim Area Kelogs

016198

DDH 74-01 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 9/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 — 14	16 — 20	22 — 24	26 — 28	30 — 34	35
L	0	563		V 1	*	overburden & water
L	563	579		V 2	3G01	grading into 3G7 at the footwall
L	579	679		V 3	3G71	laminations and bands of chlorite,
L	679	691		V 4	3G71	gouge zone.
L	691	710		V 5	3G01	
L	710	728		V 6	3G81	more chloritic than #5
L	728	783		V 7	3G116	minor py laminations, associated with quartz. rock is gradational with #6,
L	783	798		8	3B101	chlorite and quartz, more massive texture than #7,
L	798	909		9	3G01	→ 3G7, thin laminations of chlorite, S_2 foliation at ~20° to the core axis, possible fold D_3? minor po bands,
L	909	913		10	4H01	massive po.
L	913	941		11 1	3G01	
L	941	944		12	3G41	bleached (sericitic)
L	944	990		13	3G01	similar to #2.
L	990	1066		14	4L61	→ 3G0 faintly altered,
L	1066	1068		15	4C01	lesser phyllitic bands
L	1068	1082		16	3G01	→ 4L6, faintly altered minor laminations of po.
L	1082	1085		17	3G01	bx, post D_2 as clasts are foliated.
L	1085	1219		18	4L617	→ 3G0, bands of chlorite, with laminations of po
L	1219	1234		19	4L601	minor po laminations,
L	1234	1237		20	4E01	py very coase grained.
L	1237	1280		21	4L616	-4L672 very siliceous with bands of chlorite, laminations of po, lesser bands of py
L						

DDH 84-01 (2 8)

Cyprus Anvil Mining Corp.

Page 2 of 2

Lithologic Log Date: 9/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1280	1289		22	4H1	minor qtz bands,
L	1289	1335		23	4L17	thin laminations of po.
						minor chloritic bands,
L	1335	1472		24	3G71	~ 449.0 S_2 approx 20° to C.A.
						possible post D_2 fold.
						thin bands of chlorite.
L	1472	1475		25	4C01	grading into 4E0 in the center.
L	1484	1484		26	4L612	minor bands of py up to
						5cm wide.
L	1490	1490		27	4L612	gouge zone.
L	1645	1645		28	3G01	minor py laminations,
L	1652	1652		29	4L117	same as #23
L	1665	1665		30	3G71	note: assay intervals do not
						correspond to the split core.
L	1665	1691		31	4L712	laminations of po with porphyroblastic
						grains of py
L	1691	1706		32	4C71	porphyroblastic grains of py,
						minor sericitic laminations
						~ 30% py overall, 5% po.
L	1706	1712		33	4L412	thin laminations of sericite,
						gradational with 4C0 or 4B0.
L	1712	1731		34	4C01	same as #32, grading into 4L12
						over sections
L	1731	1853		35	4L617	gradational to 3G167
L	1853	1856		36	4L617	gouge zone,
L	1856	1880		37	4L617	same as #35
L	1880	1898		38	3G01	
						END OF HOLE.

C.A.M.C. 1981 – E-3

DDH 74-02

Cyprus Anvil Mining Corp.

Page 1 of 1

Lithologic Log Date: 4/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	000	719		1	*	overburden & water
L	719	746		2	3G9	chloritic laminations, minor py porphyroblasts.
L	746	749		3	4C0	typical 4C0
L	749	758		4	101001	bull qtz vein, minor associated chlorite,
L	758	859		5	13G0	→3G9, minor qtz-py bands abundant bull qtz veins.
L	859	873		6	14L0	minor po,
L	873	879		7	4C107	minor po,
L	879	883		8	4L0	very low sulphide content,
L	883	886		9	4C7	
L	886	929		10	13G01	minor py bands,
L	929	947		11	13B01	minor py laminations, not as well developed as #10, possibly slightly altered,
L	947	969		12	4C01	typical 4C, sulphide content low, grading into 4L6Z at the footwall,
L	969	984		13	14L6Z	faintly altered, py bands,
L	984	1082		14	3G917	minor chlorite laminations, po porphyroblasts,
L	1082	1263		15	13G01	→3G8.
						END OF HOLE.

C.A.M.C. 1981 – E-3

DDH 74-03

Cyprus Anvil Mining Corp.

Page 1 of 2

Lithologic Log

Date: 4/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0.0	141		1	*	overburden + water
L	141	457		2	14L617	-4L672, basically a chloritic phyllite with bands of quartz-po+py, minor calcareous sections 143.0 - 144.0', 149.0 - 150.0 calcareous sections are possibly 3B3
L	457	472		3	14L112	-4L127 less chlorite more quartz sericite,
L	472	488		4	14C01	-> 4E1 brecciated, slickensides nearby, 90/30°, slickensides 90/30°
L	488	518		5	14L17	-> 4L0, minor po stringers,
L	518	555		6	14L617	minor py, po more abundant than #5,
L	555	573		7	13G91	-> 4L6, sulphide content very low, chloritic bands,
L	573	591		8	14L61	small bands of po, faintly altered,
L	591	597		9	14L112	
L	597	600		10	14L617	-> 3G sulphide bearing,
L	600	627		11	14L712	minor py, grading into 4L172
L	627	740		12	14L617	
L	740	749		13	14L1	minor po, minor chlorite,
L	749	774		14	14L71	-> 4L17,
L	774	778		15	14E8	thin laminations of magnetite,
L	778	829		16	14L612	lessor bands of 4C7 < 10 cm wide,
L	829	859		17	14L01	-> 4L7 minor po laminations possibly talcose,
L	859	865		18	14L01	brecciated, quartz flooding enclosing a clastic matrix,
L	865	891		19	4L61	-> 3G8, no visible sulphides,
L	891	935		20	14L217	bands and laminations of po+py

C.A.M.C. 1981 - E-3

DDH 74-03 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 7/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	1935	1937		21	4H01	massive po grading into massive py at hanging wall.
L	1937	1938		22	4E71	
L	1938	1944		23	4616	
L	1944	1947		24	4H01	banded,
L	1947	1976		25	4L172	abundant bull qtz veins, massive py bands < 1 cm wide.
L	1976	10124		26	3E1*	-> 3G9* brecciated, qtz clast rolled up
L	10124	10178		27	1001	fined grained, diabasic texture, multiple phases, as the fine grained variety is being intruded by a coarser grained porphyritic phase (#28). contact ~ 30° to CA.
L	10178	12143		28	1002	minor intervals of #27 present as xenoliths does not resemble the Anvil batholith phases,
						END OF HOLE

DDH 74-04 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 8/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	100	1633		11	1*	overburden,
L	1633	1688		12	3G101	typical 3G0, lithons reasonably well preserved,
L	1688	1692		13	3B101	
L	1692	1810		14	3G101	same as #2, chloritic laminations over small intervals, -4L72
L	1810	1813		15	4L1117	
L	1813	1841		16	3G101	same as #2
L	1841	1859		17	4B101	-> 4B7 gradational to 4L17 over small intervals, minor po laminations,
L	1859	11091		18	3G101	same as #2. po vein at 283.3 ~ 5" wide, hexagonal po. minor py-po laminations ~3-5 mm wide,
L	11091	11152		19	3G101	zone of poor core recovery possible fault gouge, Fs folds present.
L	11152	11182		110	3G161	bands of py-po ~ 5mm wide, no visible alteration associated with this mineralization.
L	11182	11240		111	3G101	-> 3G8 it is interesting that the rock has become paler in colour, more chloritic in immediate proximity to 4L (unit 12).
L	11240	11246		112	4L101	minor po laminations,
L	11246	11441		113	3G101	same as #2, minor po porphyroblasts, some ball quartz veins with associated py,
L	11441	11444		114	3G101	gouge zone.
L	11444	11700		115	3G101	same as #2 minor po laminations
L	11700	12014		116	4L161	alteration very poorly developed [3G4],
L	12014	12063		117	4L101	moriposite along the partings
L	12063	12078		118	3B101	-> 3B3 slightly calcareous,

DDH 74-04

Cyprus Anvil Mining Corp.

Page 2 of 2

Lithologic Log

Date: 8/9/81 Logged By: DVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2078	21178		119	14610	chloritic laminations,
						grading into 446 over small
						intervals,
L	21178	21176		120	14611	interval from 690.0 to 720.0
						is split.
L	21176	21179		121	14810	
L	21179	21209		122	13G81	→ 446, minor po laminations,
						END OF HOLE.

C.A.M.C. 1981 – E-3

DDH 74-05 (2 … 8) Cyprus Anvil Mining Corp. Page 1 of 2

Lithologic Log Date: 3/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0000	0146		01	*	overburden & core.
L	0146	0353		02	3G01	→ 3G9 well banded with grey & green phyllite, minor qtz py veins x cutting foliation and 11 to S, py-po band at 107.0'
L	0353	0435		03	3G01	J zone containing spottatic (~ 1 band every 2 m) bands of py-po (approx 1" wide).
L	0435	0454		04	4G1716	pale unit, po bands, chloritic laminations, gradational with 3B
L	0454	0496		05	3G01	same as # 3,
L	0496	0557		06	3B01	chlorite with quartz laminations no sulphide bands,
L	0557	0652		07	3G01	same as #3
L	0652	0667		08	3B01	pale green in colour, well laminated, minor intervals of 3G0,
L	0667	0877		09	3G01	→ 3G7 minor po porphyroblasts, quartz in pressure shadows, minor po bands ~ ½" wide, well laminated, at ~268' py porphyroblasts become po,
L	0877	0880		10	3B31	carbonate laminations enclosed in a chloritic matrix.
L	0880	1021		11	3G01	po porphyroblasts, minor carbonate laminations, well laminated, minor po bands, enclosed in quartz,
!	1021	1130		12	3G81	proportion of po-py bands significantly increased, more chloritic nature of rock may be due to alteration
L	1130	1231		13	3G01	typical 3G, minor po porphyroblasts

DDH 74-05 (2 8)

Cyprus Anvil Mining Corp.

Page 2 of 2

Lithologic Log Date: 3/9/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1231	1240		114	3B01	pale green chloritic, quartz laminations, minor py laminations,
L	1240	1264		115	3B31	minor py laminations, chlorite and quartz, pale green in colour
L	1264	1280		116	3G01	typical 3G
L	1280	1319		117	3G41	bleached appearance, non-calcareous, very low sulphide content (po)
L	1319	1578		118	3G01	diss porphyroblasts of po + py, minor po-py bands < ½" wide
						END OF HOLE.

DDH 75-01 (2 — 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 12/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1900	1493		1	X	overburden.
L	1493	1975		2	3G01	minor porphyroblasts of po, minor quartz-py laminations, grading into 3G-7 in places,
L	1975	2010		3	3G-8	more chloritic than #2, otherwise much the same,
L	2010	2180		4	3G01	→ 3G9,
L	2180	2184		5	3G01	gouge zone
L	2184	2250		6	3G01	po porphyroblasts,
L	2250	2330		7	3G-8	thin laminations of po, bt laminations, distinctly non-calcareous though.
L	2331	2399		8	3G-7	gradational to 3G-8
L	2399	2432		9	3G-8	same as # 7
L	2432	2455		10	3G01	
L	2455	2501		11	3G-8	same as #7
L	2501	2504		12	4L17	
L	2504	2516		13	3G01	po porphyroblasts
L	2516	2536		14	4B01	minor chlorite laminations, no sulphides visible, chert.
L	2536	2630		15	3G-7	gradational with 4L6, no sulphides visible.
L	2630	2691		16	3G-8	minor laminations of po,
L	2691	2740		17	3G01	po porphyroblasts
L	2740	2783		18	3G-8	
L	2783	2941		19	3G01	po porphyroblasts
L	2941	3011		20	3G-7	fine laminations of chlorite.
L	3011	3130		21	3G01	→ 3G9
L	3130	3179		22	3G-7	
L	3179	3289		23	3G-8	→ 3G7 po porphyroblasts
						minor po bands.
L	3289	3401		24	3G01	grading into 3G-7,
L	3401	3407		25	3G-8	→ 3B0 minor carbonate in the more chloritic portions.
L	3407	3426		26	3G01	po porphyroblasts
L	3426	3462		27	4L7L6	→ 3G86 po laminations + bands,

DDH 75-01 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 12/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1246 2	1247 1		18	3G71	thin laminations of chlorite,
L	1247 1	1249 3		19	3G81	-> 3G7
L	1249 3	1251 4		10	3G71	
L	1251 4	1257 5		11	4L716	siliceous also, bands of po
						up to 1" wide, laminations
						of chlorite.
L	1257 5	1257 8		12	4L716	~70% po, grading into 4H.
L	1257 8	1258 6		13	4L117	minor laminations of chlorite.
L	1258 6	1258 9		14	4L112	-4L127 py bands ~½"-1"
						wide, minor po.
L	1258 9	1262 1		15	4L117	-4L176 po bands & laminations,
						chlorite laminations.
L	1262 1	1263 8		16	4L71	-minor chlorite laminations,
						grading into 4L67
L	1263 8	1265 6		17	4L167	small sections ~2" wide
						of massive po.
L	1265 6	1266 7		18	4L71	chlorite less abundant than #37
L	1266 7	1274 3		19	4L716	
L	1274 3	1277 0		40	4L71	possibly talcose
L	1277 0	1279 8		41	4L617	chloritic laminations, usually
						associated with po.
L	1279 8	1281 0		42	3G01	
L	1281 0	1281 6		43	3B01	minor interbands of 3G0
L	1281 6	1282 3		44	3G01	gouge zone.
L	1282 3	1286 5		45	3G01	grading into 3G7 at the
						footwall
L	1286 5	1291 0		46	3G71	
L	1291 0	1293 5		47	3G01	
L	1293 5	1294 1		48	3G01	gouge zone, F5 folding
						present adjacent to the fault.
L	1294 1	1310 5		49	3G01	minor chloritic laminations.
L	1310 5	1310 8		50	3G01	minor gouge zone.
L	1310 8	1310 29		51	3G01	
L	1310 29	1310 35		52	3B01	ball qtz veins associated with
						this chloritic zone.
L	1310 35	1314 2		53	3G01	

DDH 75-01 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 12/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	3142	3145		514	3G-101	gouge zone
L	3145	3166		515	3G-101	→ 3G-9
						END OF HOLE

DDH 75-02

Cyprus Anvil Mining Corp.

Page 1 of 2

Lithologic Log Date: 12/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0	542		1	*	overburden & water.
L	542	637		2	5B0	calcareous laminations, minor chloritic laminations,
L	637	676		3	5B67	chloritic bands up to 1" wide, slightly calcareous in the chloritic bands,
L	676	694		4	5B73	faintly calcareous, gradational with #3,
L	694	865		5	5B716	⇒ 3G7 minor calcareous intervals ≤ 5cm wide,
L	865	1002		6	5B716	gradational to 3D, greenish bands of calc-silicate developing.
L	1002	1005		7	3D1	mostly calc-silicate, light greenish gray in colour.
L	1005	1106		8	3G10	bands and laminations of chlorite set in a dark (carbonaceous) 3G matrix. gradational to 3G7
L	1106	1121		9	3G716	laminations & bands of po.
L	1121	1152		10	3G10	→3G7
L	1152	1207		11	4C17	→4L17 about 50:50 massive po and chert.
L	1207	1347		12	3G10	bands & laminations of po. porphyroblasts of po also.
						Note: no graphitic sections encountered.
						END OF HOLE.

DDH 11-75-02 (2 8)

Cyprus Anvil Mining Corp.

Page 2 of 2

Structural Log

Date: 12/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	0	1542	CIS12				610	
S	1542	1573	CIS12	D			714	
S	1573	1585	CIS12	S		010 1010	710	
S	1585	1600	CIS12	M			716	
S	1600	1640	CIS12	Z		615 1810	716	mixed small intervals
								of S sym.
S	1640	1670	CIS12	D			810	
S	1670	1728	CIS12	Z		710 1810	710	
S	1728	1768	CIS12	M			610	
S	1768	1853	CIS12	Z			615	
S	1853	1911	CIS12	S			610	minor Z sym at the
								hanging wall of this
								interval.
S	1911	1975	CIS12			718 1810	610	
S	1975	1042	CIS12				615	
S	1042	1072	CIS12	Z		510 1010	615	
S	1072	1136	CIS12				713	
S	1136	1210	CIS12				815	
S	1210	1280	CIS12				810	
S	1280	1347	CIS12	S			613	
								END OF HOLE.

DDH 75-03 (2 8)

Cyprus Anvil Mining Corp.

Page 1 of 5

Lithologic Log Date: 14/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	697		1	V * V	overburden & water.
L	697	944		2	V 5B10	→5B73 slightly chloritic, minor py porphyroblasts, lithons becoming more poorly developed towards the footwall.
L	944	993		3	V 5B10	gradational to 3D1, grading into calc-silicate, carbonate bands are now a yellowish-green colour (diopside-tremolite).
L	993	1045		4	V 5B10	less calc-silicate developed than #3.
L	1045	1054		5	V 5B43	→5D43 pale green, very sericitic, no laminated or banded sulphides, minor py porphyroblasts,
L	1054	1063		6	V 5B10	
L	1063	1133		7	V 5D31	more massive texture, more chloritic, gradational to 5B8
L	1133	1139		8	V 5B43	→5D43 same as #5,
L	1139	1173		9	V 5B81	→5D3, lithons visible,
L	1173	1216		10	V 5B213	carbonate associated with the quartz, chloritic laminations,
L	1216	1255		11	V 5B713	grading towards a calc-silicate, pale green laminations,
L	1255	1289		12	V 5B213	
L	1289	1313		13	V 5B10	thin chloritic laminations scattered,
L	1313	1341		14	V 5B23	thin carbonaceous bands, gradational with 5B0,
L	1341	1353		15	V 5B14	pale green minor py laminations,
L	1353	1377		16	V 5B10	→5B23
L	1377	1383		17	V 5D0	
L	1383	1399		18	V 5B23	→5B0, becoming distinctly less

DDH 2 125-083 8

Cyprus Anvil Mining Corp.

Page 2 of 5

Lithologic Log Date: 14/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						calcareous.
L	1399	1408		119	V5B41	→ 4L0, patchy appearence, (sericite).
L	1408	1447		120	V5B61	→ 5B76, thin chloritic laminations, scattered,
L	1447	1481		121	V5B23	slightly calcareous
L	1481	1490		122	V5B4	→ 4L0, same as #19
L	1490	1545		123	V5B23	-slightly calcareous, po laminations, gradational to 4L76,
L	1545	1606		124	V4L0	minor po laminations,
L	1606	1621		125	V5B23	carbonate-chlorite laminations and bands,
L	1621	1630		126	V4L0	thin po laminations,
L	1630	1633		127	V5B23	slightly calcareous,
L	1633	1648		128	V4L0	same as #26, footwall contact transitional over 3.0 cm
L	1648	1655		129	V5B23	same as #27
L	1655	1664		130	V4L0	same as #26,
L	1664	1670		131	V5B23	slightly calcareous, faintly altered,
L	1670	1700		132	V4L0	same as #26
L	1700	1734		133	V5B23	slightly calcareous,
L	1734	1767		134	V5B76	fine chloritic laminations,
L	1767	1798		135	V5D0	grading into 5D4 in places,
L	1798	2020		136	V4L71	-4L6 faintly altered, carbonaceous bands present.
L	2020	2026		137	V5B23	slightly calcareous,
L	2026	2051		138	V4L67	faintly altered,
L	2051	2093		139	V5B23	slightly calcareous,
L	2093	2109		140	V4L16	-4L67 faintly altered, thin po laminations, footwall contact gradational,
L	2109	2130		141	V5B23	slightly calcareous.
L	2130	2161		142	V4L76	thin chlorite laminations,
L	2161	2164		143	V5BR16	abundant qtz veins,

DDH 75-03 (2 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 14/9/91 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2164	2200		144	J/4L/7	thin laminations and bands of po, minor bands of SBZ up to 6" wide.
L	2200	2209		145	J/4L/6	→ SB7, no visible sulphides,
L	2209	2212		146	J/4L/0	minor po,
L	2212	2218		147	J/5/B/2/6	→ SAO
L	2218	2240		148	J/3/D/1	-veined appearance,
L	2240	2270		149	J/5/B/7/6	(3C-7). + thinly laminated, po porphyroblasts
L	2270	2301		150	J/4L/7	
L	2310	2343		151	J/4L/7/6	abundant quartz veining. grading into 3C-7 at the footwall,
L	2343	2374		152	J/3C-7	→ 3C-79 carbonaceous bands and laminations present.
L	2374	2423		153	J/3/C-7/3/7	possible calc-silicate developed, carbonaceous bands visible,
L	2423	2462		154	J/4L/7	→ 4L76 chloritic laminations.
L	2462	2478		155	J/4L/6/7	more chloritic than #54
L	2478	2554		156	J/4L/7	thin laminations of chlorite
L	2554	2621		157	J/4L/6/7	chloritic laminations, → 4L7 S_2 ~ 20° to C.A. possible post D_2 fold.
L	2621	2624		158	J/4L/6/7	breccia zone,
L	2624	2645		159	J/4L/7	becomes more carbonaceous towards the footwall.
L	2645	2651		160	J/5/B/2/6	
L	2651	2660		161	J/4L/7	laminations of po,
L	2660	2673		162	J/4L/7	-4L72, brecciated towards the footwall, clasts of quartz, 4L7,
L	2673	2819		163	J/4L/6/7	→ 3C-76 faintly altered, po bands, carbonaceous bands visible,
L	2819	2825		164	J/4L/7	almost massive po, ~50%

DDH 75-03 (2–8) **Cyprus Anvil Mining Corp.** Page 4 of 5

Lithologic Log Date: 14/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	2825	2831		615	14L716	same as #63
L	2831	2846		616	14L117	same as #64
L	2846	2849		617	13B19	minor bt laminations,
L	2849	2898		618	14L117	more chloritic than #64,
						po content ~ 10% in laminations
L	2898	2904		619	14E18	thin laminations of magnetite,
L	2904	2910		710	14C171	thin laminations of sericite,
L	2910	2953		711	14L117	chloritic laminations,
						some bands of massive po
						up to 6" wide.
L	2953	3008		712	14L716	carbonaceous,
L	3008	3011		713	14L161	→ 3G-8 brecciated, possible
						diatreme??
L	3011	3163		714	14L617	faintly altered,
L	3163	3212		715	13G716	→ 4L67 faintly altered, minor
						po laminations, carbonaceous
L	3212	3249		716	14L617	po in bands up to 1", lesson
						py, siliceous in association
						with po bands,
L	3249	3310		717	13G716	same as #75
L	3310	3334		718	13G117	siliceous due to intrusive,
						at the footwall contact the
						intrusive has intruded portions
						of #78,
L	3334	3352		719	10D219	biotite and Hb altered to
						chlorite,
L	3352	3483		810	10D11	finer grained, possibly
						a different phase of the
						intrusive, predominately the
						finer grained phase, the
						finer grained phase has been
						intruded by the coarser
						grained phase, xenoliths of
						the finer grained phase
						are found within the porphyritic
						phase.

C.A.M.C. 1981 – E-3

DDH 75-03 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 1/19/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	3483	3505		181	V101219	plag. phenocrysts altered to kaolinite, chlorite veinlets abundant
L	3505	3523		182	V131616	siliceous about the po laminations, possibly 4L617?
L	3523	3624		183	V131401	typical 3C-0.
						END OF HOLE.

DDH 2 75-04 8

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 15/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	713		1	1*1	overburden & water.
L	713	716		2	13G101	typical 3G
L	716	722		3	14L111	chert with minor chloritic laminations,
L	722	807		4	13G101	core very broken up.
L	807	856		5	13G101	minor chloritic laminations, quartz-pyrite-carbonate band at 277.0'
L	856	862		6	1400	→ 3G19 quartzite, minor thin laminations of carbonaceous matter, cherty texture.
L	862	868		7	13G914	faintly altered, pale washed out appearance, light coloured chert clots,
L	868	880		8	14B101	same as #6
L	880	929		9	13G101	→ 3G3, thin calcareous bands,
L	929	972		10	13G81	thin py bands < ½" wide,
L	972	1115		11	13G101	same as #9, slightly calcareous, thin py laminations, thin chloritic laminations, grading into 3G7, py laminations becoming more abundant towards the footwall.
L	1115	1121		12	14C101	grading into a very coarse grained variant of 4E0.
L	1121	1255		13	13G91	thin po laminations, thin chloritic laminations gradational to 3G7.
L	1255	1301		14	13G81	py-po bands up to 1" wide,
L	1301	2319		15	13G101	contact gradational with #14, py+po porphyroblasts. interbands of 3G8, qtz veins with associated chlorite,
L	2319	2322		16	13G101	gouge zone.

DDH 75-04

Cyprus Anvil Mining Corp.

Page 2 of 4

Lithologic Log Date: 5/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2322	2346		1117	31G101	faintly altered,
L	2346	2447		1118	14L161	⇒360 faintly altered, thin po laminations, bleached appearance,
L	2447	2465		1119	14L171	minor siliceous portions,
L	2465	2487		1210	14L1117	-4L172, po+py bands,
L	2487	2511		1211	14L1112	
L	2511	2523		1212	14L1112	brecciated, rounded clasts of quartz,
L	2523	2633		1213	14L1117	-4L172 py+po bands up to 1" wide,
L	2633	2639		1214	14C101	minor sericite laminations
L	2639	2667		1215	14L1112	-4L127 py towards the hanging wall.
L	2667	2679		1216	14E1117	⇒4C7 qtz appears interstial
L	2679	2682		1217	14B101	⇒4L1 very minor py, minor sericitic laminations,
L	2682	2706		1218	14C101	trace po, minor sericitic laminations
L	2706	2724		1219	14L1117	thin laminations of po
L	2724	2740		1310	14L1112	py bands,
L	2740	2749		1311	14L1112	-4L127 po associated with py,
L	2749	2798		1312	14L1117	becoming chloritic towards the footwall
L	2798	2810		1313	101Q101	chlorite associated with this ball quartz vein.
L	2810	2819		1314	14L1117	same as #32
						END OF HOLE

DDH 75-04 (2 8)

Cyprus Anvil Mining Corp.

Page 3 of 4

Structural Log

Date: 15/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	1100	1713	CIS12	R		610 1010	810	overburden + water.
S	1713	1792	CIS12				615	
S	1792	1853	CIS12			516 1010	711	
S	1853	1914	CIS12			515 1010	611	
S	1914	1957	CIS12	S		614 1010	810	
S	1957	1993	PIS12	P			710	
S	1993	2060	CIS12	S			712	
S	2060	2149	PIS12	P			712	
S	2149	2179	CIS12	S		515 1010	715	
S	2179	2219	CIS12			817 1010	710	
S	2219	2283	CIS12				810	
S	2283	2313	CIS12	Z			715	
S	2313	2341	CIS12	D			715	
S	2341	2368	CIS12	M			810	
S	2368	2438	CIS12	S			718	
S	2438	2472	CIS12	D			811	
S	2472	2536	CIS12	S			714	scattered DD included.
S	2536	2606	PIS12				715	
S	2606	2645	PIS12	P			715	
S	2645	2706	CIS12	D			712	
S	2706	2752	CIS12	Z			710	
S	2752	2789	CIS12	D			710	
S	2789	2859	CIS12	S			710	Symmetry determinations
S	2859	2935	CIS12				712	becoming less frequent.
S	2935	3036	CIS12				717	
S	3036	3106	CIS12	D			615	scattered S sym within
								this Down Dip zone.
S	3106	3164	CIS12	S			610	
S	3164	3225	PIS12	P			615	
S	3225	3286	CIS12	Z		910 1010	615	
S	3286	3343	CIS12	D		010 1010	510	
S	3343	3441	PIS12	P			315	scattered Z sym.
S	3441	3502	PIS12				515	core is split.
S	3502	3572	PIS12	P			613	
S	3572	3633	CIS12	S			510	
S	3633	3694	CIS12				418	

DDH 75-84 (2–8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 16/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10–14	16–20	22–24	26	28–32	34–38	40–44	
S	12694	12740	CLSLZ	Z			415	
S	12740	12819	PLSLZ	P			415	
								END OF HOLE

C.A.M.C. 1981 - E - 4

DDH 2 76-01 8 Cyprus Anvil Mining Corp. Page 1 of 7

Lithologic Log Date: 16/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	100	336		1	*	overburden.
L	336	3223		2	5B216	core oxidized, →5B23, slightly calcareous; chloritic laminations, gradational to 5B67, calc-silicate bands begining to develop,
L	3223	4022		3	5B216	same as #2 except po laminations
L	4022	5911		4	3G101	→3G7 chloritic laminations
L	5911	5977		5	3G101	→3G9 generally darker in colour.
L	5977	6033		6	3B101	→3G8
L	6033	6433		7	3G101	po porphyroblasts, minor thin chlorite laminations,
L	6433	6588		8	3G91	
L	6588	12866		9	3G101	→3G9 po & py porphyroblasts up to 1/4" in diameter. minor thin laminations of po,
L	12866	13077		10	3G81	→3G0 po porphyroblasts, minor po laminations,
L	13077	13288		11	3G101	→3G7, less chloritic than #10, more chloritic than #9, thin po laminations,
L	13288	13899		12	3G101	typical, thin po laminations,
L	13899	14788		13	3G91	dark grey in colour, carbonaceous laminations,
L	14788	15399		14	3G9167	-3G967 chloritic, po, and carbonaceous laminations, po content significantly increased,
L	15399	15600		15	3G71	
L	15600	15666		16	3B01	bt laminations looks calcareous but is not.
L	15666	16888		17	3G91	→3D1 calc-silicate bands, possibly Vangorda Fm, calc-silicate bands may represent relict carbonate bands.
L	16888	17255		18	3B01	possible dolomite laminations

DDH 76-01 (2 — 8)

Cyprus Anvil Mining Corp.

Page 2 of 7

Lithologic Log

Date: 18/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1725	1728		119	3G01	
L	1728	1734		120	3B01	
L	1734	1776		121	3G09	po porphyroblasts, minor carbonaceous bands,
L	1776	1786		122	3G71	
L	1786	1834		123	3G096	po laminations, rock relatively unaltered, ~5% po.
L	1834	1886		124	3G71	thin laminations of chlorite,
L	1886	1996		125	3G917	matrix dark with chloritic laminations, → 3G-7, (4L76
L	1996	2221		126	4L617	po laminations, minor carbonaceous intervals, 3G-67
L	2221	2225		127	4H01	massive po, trace cpy.
L	2225	2237		128	3G716	same as #26, possible 4L76
L	2237	2240		129	4H01	~1% cpy, higher than #27.
L	2240	2249		130	4E11	trace cpy, trace galena,
L	2249	2298		131	4L01	pale colour, minor chlorite bands, minor po laminations, → 3G0,
L	2298	2346		132	3G91	
L	2346	2350		133	3G01	bx, 3G-9 clasts in a quartz matrix,
L	2350	2371		134	3G11	→ 4L1 siliceous,
L	2371	2374		135	3G09	gouge zone
L	2374	2447		136	3G01	greenish cast, not 3G-8 though
L	2447	2496		137	3G719	chloritic laminations,
L	2496	2691		138	3G9	→ 3G-7, fine po laminations,
L	2691	2743		139	4L716	slightly more bleached than #38 becoming more siliceous towards the footwall,
L	2743	2767		140	4L617	- 3G-96 slightly carbonaceous,
L	2767	2785			3G71	paler in colour, chloritic laminations,
L	2785	2825		141	3G9	slightly more carbonaceous, bt laminations at the footwall,
L	2825	2834		142	3G01	dark green chlorite, relict

DDH 76-01 (2–8)

Cyprus Anvil Mining Corp.

Page 3 of 7

Lithologic Log

Date: 18/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						carbonate laminations, bt laminations at the hanging wall,
L	2834	2852		43	4L117	chloritic laminations, trace cpy associated with the po,
L	2852	2859		44	4L114	sph associated with po bands
L	2859	2871		45	4L117	- near massive po over small intervals,
L	2871	2886		46	3C101	- minor po veinlets
L	2886	2898		47	4L617	→ 3G67 chl+po laminations,
L	2898	2904		48	4L117	- 4L172.
L	2904	2929		49	4L712	- carbonaceous laminations,
L	2929	2974		50	4L117	→ 4B7 po minor ~2%,
L	2974	2990		51	4L716	- 3C-967
L	2990	3099		52	3G71	
L	3099	3182		53	3G1017	fine chloritic laminations, calc-silicate patches and bands,
L	3182	3200		54	3G017	→ 3D ~20% calc-silicate laminations, minor po laminations
L	3200	3666		55	3G017	calc-silicate bands less abundant, po porphyroblasts
L	3666	3709		56	3G91	po porphyroblasts, more carbonaceous,
L	3709	4072		57	3G1017	same as #55, perhaps more thinly laminated.
L	4072	4160		58	3G017	→ 3D calc-silicate bands better developed,
L	4160	4172		59	3G91	more carbonaceous than #58, py+po porphyroblasts,
L	4172	4186		60	3B101	thinly laminated. Bt at hanging wall & footwall contacts, possible calc-silicate.
L	4181	4251		61	3G901	calc-silicate bands not as prevalent.
L	4251	4264		62	3G017	same as #58

DDH 76-01 (2–8)

Cyprus Anvil Mining Corp.

Page 4 of 7

Lithologic Log Date: 19/9/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	4264	4276		613	3IG9I	same as #59
L	4276	4340		614	3IG0I7	same as #58 greenish bands (calc-silicate) becoming more predominate towards the footwall,
L	4340	4361		615	3IG0I	no calc-silicate bands,
L	4361	4367		616	3IB0I	-3D?? some as #60,
L	4367	4617		617	3IG0I	some as #64, occassional po porphyroblasts, lessar py porphyroblasts,
L	4617	4642		618	3IB0I	-calc-silicate? some as unit 60, sharp contact for footwall & hanging wall.
L	4642	4660		619	3IG0I	→3G9 chert nodules present.
L	4660	4672		710	3IB0I	-interlayered with 3G-0, same as #60,
L	4672	4730		711	3IG0I7	-calc-silicate bands, ~30%,
L	4730	4745		712	3IG0I	no calc-silicate bands
L	4745	4764		713	3IG0I	~10% 3D
L	4764	4849		714	3IG9I	→3G0, no calc-silicate bands
L	4849	5254		715	3IG0I	no calc-silicate bands. minor anketite veins.
						END OF HOLE

C.A.M.C. 1981 – E-3

DDH 76-01 (2 / 8)

Cyprus Anvil Mining Corp.

Page 5 of 7

Structural Log

Date: 18/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10–14	16–20	22–24	26	28–32	34–38	40–44	
S	010	136	CS12	R			715	overburden & water.
S	136	112	CS12				618	
S	112	185	CS12			515 1010	710	
S	185	259	CS12			310 1010	445	
S	259	320	CS12			415 1010	711	
S	320	399	CS12	S		615 1010	815	
S	399	460	PS12				715	
S	460	521	PS12				517	
S	521	551	PS12	P			719	
S	551	603	CS12				610	
S	603	664	CS12			411 1010	614	
S	664	752	CS12			515 1010	610	
S	752	826	CS12			612 1010	710	
S	826	902	CS12	S			811	
S	902	923	CS12	Z			810	
S	923	972	CS12	S		719 1810	710	
S	972	1021	CS12	Z			618	
S	1021	1088	CS12			517 1010	710	
S	1088	1149	CS12	S		517 1010	717	
S	1149	1231	PS12	P			610	
S	1231	1310	S12	M			712	
S	1310	1347	CS12	S			815	
S	1347	1399	CS12			410 1810	815	
S	1399	1496	CS12	Z		617 1810	810	
S	1496	1560	CS12				815	
S	1560	1637	CS12				815	
S	1637	1688	CS12	S		610 1010	710	
S	1688	1703	CS12	Z			810	
S	1703	1743	CS12	S		518 1810	813	
S	1743	1758	CS12	Z		714 1010	719	
S	1758	1819	CS12				715	scattered z sym.
S	1819	1880	CS12				718	
S	1880	1941	CS12				810	
S	1941	2002	CS12				618	
S	2002	2063	CS12				718	Fs fold 011 2°
S	2063	2081	CS12	S			715	

DDH 76-01 (2 8) Cyprus Anvil Mining Corp. Page 6 of 7

Structural Log Date: 10/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	12063	12124	C1512	D			718	
S	12124	12154	C1512	S		610 1010	715	
S	12154	12215	C1512				419	
S	12215	12276	C1512	M			511	mixed s+z symmetry
S	12276	12343	C1512				515	symmetry determinations
S	12343	12410	C1512				516	becoming less frequent.
S	12410	12468	C1512				715	
S	12468	12554	C1512	S		615 1010	715	
S	12554	12581	C1512	Z		910 1010	710	
S	12581	12660	C1512	M			717	
S	12660	12712	C1512				515	
S	12712	12782	C1512	Z			610	
S	12782	12846	P1512				715	
S	12846	12926	P1512				710	
S	12926	12977	P1512	P			812	
S	12977	13017	C1512	M			714	
S	13017	13072	C1512				411	possible M region.
S	13072	13148	C1512				713	
S	13148	13224	C1512	S			715	
S	13224	13249	C1512	D		615 1010	712	
S	13249	13276	C1512	S			816	
S	13276	13343	C1512	D			710	scattered S sym
								included.
S		13404	C1512				715	
S	13404	13444	C1512	S		612 1010	814	
S	13444	13459	C1512	D			712	
S	13459	13529	C1512	S		611 1010	712	
S	13529	13547	C1512				614	
S	13547	13599	C1512	D		712 1010	610	
S	13599	13624	C1512	S		512 1010	618	
S	13624	13672	C1512	Z		810 11810	617	
S	13672	13730	C1512	S			613	
S	13730	13810	C1512			410 21710	614	
S	13810	13883	C1512				613	
S	13883	13950	C1512	D			615	
S	13950	13971	C1512	Z		815 11810	610	

DDH 76-01 (2 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 12/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	3971	4026	C1512	D		410 1010	514	
S	4026	4072	C1512	M		610 1010	810	Mixed S, Z, & D.D.
S	4072	4130	C1512				715	Downdip + scattered
S	4130	4200	C1512				615	S symmetry.
S	4200	4276	C1512				613	
S	4276	4343	C1512				714	
S	4343	4450	C1512				714	
S	4450	4492	C1512	D			718	
S	4492	4507	C1512	Z		610 1010	715	
S	4507	4565	C1512				615	
S	4565	4611	C1512	S			711	
S	4611	4657	C1512	D			618	
S	4657	4703	C1512	S			716	
S	4703	4745	C1512				718	
S	4745	4818	C1512			417 2710	811	
S	4818	4849	C1512	D			714	
S	4849	4913	C1512	S			610	
S	4913	4995	C1512	D		518 1010	714	
S	4995	5020	C1512	S			719	
S	5020	5099	C1512	Z		610 1810	710	
S	5099	5154	C1512			612 2710	712	
S	5154	5190	C1512	D			315	
S	5190	5254	C1512	P			617	F_5 fold 180/12°
								END OF HOLE.

DDH 76-03 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 16/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	627		1	*	overburden & water,
L	627	688		2	5B73	slightly calcareous, py porphyroblasts with po mantling,
L	688	731		3	5D3	py porphyroblasts,
L	731	740		4	5B73	py porphyroblasts,
L	740	749		5	5D3	
L	749	768		6	5B73	
L	768	908		7	5A0	S_2 foliation parallel to the C.A., core very much broken up. minor py laminations,
L	908	911		8	5D3	po porphyroblasts,
L	911	984		9	5A0	core very broken up.
L	984	999		10	5B26	- 3G-9 thinly laminated,
L	999	1027		11	5B6	
L	1027	1048		12	5B6	gouge zone,
L	1048	1051		13	5D0	abundant qtz veining.
L	1051	1088		14	5B26	→ 5A0
L	1088	1094		15	5D2	thin carbonaceous laminations,
L	1094	1097		16	5A0	
L	1097	1121		17	5D0	thin interbands of 5B26,
L	1121	1231		18	5B23	slightly calcareous,
L	1231	1289		19	5B73	po porphyroblasts,
L	1289	1344		20	5B27	- 5B273 slightly calcareous, chert nodules present, matrix significantly darker than #19,
L	1344	1362		21	5B76	→ 5D0 over short intervals,
L	1362	1554		22	5B6	po porphyroblasts, [3G0]
L	1554	1591		23	5B76	[3G7]
L	1591	1627		24	3G0	[5B6] chloritic laminations still visible, po porphyroblasts,
L	1627	1944		25	3G7	fine carbonaceous laminations,
L	1944	2126		26	3G7	unit lacks the carbonaceous bands.
L	2121	2142		27	4G0	thin chloritic laminations very minor po laminations.

DDH 76-03 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log Date: 16/9/81. Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2142	2167		218	3G01	fine po laminations,
L	2167	2188		219	3G18	contact gradational with #28 &
						#30, py porphyroblasts,
L	2188	2278		310	3G01	py porphyroblasts which are
						being altered to po.
L	2273	2295		311	44161	- minor po,
L	2295	2334		312	44101	- minor po laminations, minor
						chlorite laminations, siliceous
						over small intervals,
L	2334	2365		313	3G91	carbonaceous laminations,
L	2365	2380		314	3G11	brecciated, silicified around
						the clasts,
L	2380	2404		315	3G01	
L	2404	2468		316	3K81	chloritic, po porphyroblasts.
L	2468	2474		317	3K01	
L	2474	2481		318	3K88	po porphyroblasts, po bands
L	2481	2505		319	3G01	bx zone at the footwall,
L	2505	2517		410	3G81	abundant quartz veins,
L	2517	2532		411	3K71	
L	2532	2901		412	3K81	po porphyroblasts, occassional
						po band ~ 1/2" wide,
L	2901	2932		143	3G81	→ 3G0
						END OF HOLE.

DDH 76-03 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 16/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	000	627	C1512	R		6 10 / 1810	615	overburden + water
S	627	661	C1512	S		418 1010	610	
S	661	740	C1512	Z		317 1010	515	
S	740	822	C1512			415 1010	611	
S	822	896	C1512			319 1010	612	
S	896	966	C1512				715	
S	966	1051	C1512				611	
S	1051	1094	C1512				710	
S	1094	1139	C1512	S			618	
S	1139	1200	C1512	Z			715	
S	1200	1274	C1512			610 1010	712	
S	1274	1335	C1512				710	
S	1335	1402	C1512			612 1010	715	
S	1402	1456	C1512				717	
S	1456	1517	C1512				718	
S	1517	1560	C1512				810	
S	1560	1624	C1512			610 1010	618	
S	1624	1691	C1512				718	
S	1691	1749	C1512	S			612	
S	1749	1816	P1512				715	
S	1816	1883	P1512				715	
S	1883	1944	P1512	P			717	
S	1944	1975	C1512	S		615 1010	810	
S	1975	2033	C1512				810	
S	2033	2109	C1512	Z		415 1010	615	
S	2109	2164	C1512			618 1010	715	
S	2164	2228	C1512			510 1010	612	
S	2228	2270	C1512	S			717	
S	2270	2322	C1512	M		311 1010	712	
S	2322	2380	P1512	P			517	
S	2380	2438	P1512				718	
S	2438	2478	P1512				619	
S	2478	2557	P1512				715	
S	2557	2606	P1512	P			713	
S	2606	2660	C1512				719	
S	2660	2731	C1512	S			710	

DDH 76-03 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 16/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
1	10 14	16 20	22 24	26	28 32	34 38	40 44	
S	2731	2795	BISIZ				612	
S	2795	2871	BISIZ				717	
S	2871	2932	BISIZ				810	END OF HOLE

DDH 76-04

Cyprus Anvil Mining Corp.

Page 1 of 1

Lithologic Log Date: 19/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0	460		1	X	overburden & water.
L	460	597		2	5A3	carbonate in matrix and concentrated in laminations, → 5B23.
L	597	627		3	5B2	po porphyroblasts [3G0], sporatic calc-silicate bands,
L	627	710		4	3G10	minor 3G9 intervals < 1 foot wide [5B6] po porphyroblasts.
L	710	731		5	3G9	
L	731	813		6	3G10	minor calc-silicate bands,
L	813	865		7	3G10	~20% calc-silicate, gouge zone at 777.0'
L	865	874		8	3G9	
L	874	1021		9	3G10	→ 3G8 greenish cast to core,
L	1021	1097		10	3G0	zone of broken core,
L	1097	1365		11	3G10	minor py laminations, often associated with ball qtz po porphyroblasts → 3G7 chloritic laminations,
L	1365	1450		12	3G18	→ 3G7 bands and laminations of 3G0, py & po porphyroblasts,
L	1450	1588		13	3G18	laminations of 3G0 no present, po porphyroblasts
L	1588	1670		14	3G17	→ 3G8, bands of 3G0, po porphyroblasts,
L	1670	1737		15	3G18	→ 3G7, minor po laminations
						END OF HOLE.

DDH 76-05 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	100		√ 1	*	
L	100	502		√ 2	3G7	chloritic laminations,
						core very broken up.
L	502	588		√ 3	3G7	more chloritic than #2,
						→ 3G-8
L	588	589		√ 4	3G7	gouge zone
L	589	746		√ 5	3G7	less chloritic and more
						carbonaceous than # 4, po laminations
L	746	749		√ 6	3G7	gouge zone.
L	749	920		7	3G7	py porphyroblasts, some as
						#5
L	920	925		√ 8	3B10	greenish gray more massive
						texture,
L	925	957		√ 9	3G7	
L	957	984		√ 10	3E9	→ 3E0 carbonaceous matrix,
L	984	1021		√ 11	3G10	
L	1021	1022		√ 12	3G9	gouge zone.
L	1022	1097		√ 13	3G9	
L	1097	1098		√ 14	3G10	gouge zone.
L	1098	1176		√ 15	3B01	chloritic phyllite with quartz
						laminations, looks as though
						it may be calcareous but is
						not, becoming more 3G0 like
						at the footwall.
L	1176	1319		√ 16	3G9	→ 3G-7 contact gradational
						with #15,
L	1319	1322		√ 17	3G10	gouge zone,
L	1322	1350		√ 18	3G10	→ 3G-9 slightly more
						carbonaceous, po laminations
L	1350	1362		√ 19	3B10	
L	1362	1606		√ 20	3G01	→ 3G-7 scattered thin
						chloritic laminations.
L	1606	1697		√ 21	3G8	→ 3B0 po laminations.
						contact gradational with #10
						over 10 ft.
L	1697	1725		√ 22	3G01	typical.

DDH 76-05 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log Date: 20/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	1725	1728		JR13	3G101	gouge zone,
L	1728	1853		J1214	3G101	occassional po porphyroblast.
L	1853	1999		J1215	3G191	→3GO, slightly more carbonaceous,
L	1999	2002		J1216	3B101	quartz laminations,
L	2002	2014		J1217	3G191	
L	2014	2017		J1218	3B101	same as #16, possible fold repeat.
L	2017	2240		J1219	3G191	thin bt laminations,
L	2240	2243		J1310	3G191	gouge zone,
L	2243	2328		J1311	3G191	
L	2328	2376		J1312	4B101	→4L17, thin po laminations, minor sericite laminations, very minor py laminations <1% poor core recovery 768.0 - 778.0
L	2371	2374		J1313	3G1916	po laminations ~5%, no visible alteration.
L	2374	2410		J1314	3G197	thin chloritic bands in a carbonaceous matrix,
L	2410	2464		J1315	3G171	gradational with #24, po porphyroblasts,
L	2464	2467		J1316	3B101	dark chloritic clots, possible clasts,
L	2467	2612		J1317	3G171	po porphyroblasts, chloritic laminations,
L	2612	2636		J1318	3G1917	darker grey than #27, po porphyroblasts
L	2636	2682		J1319	3G171	po porphyroblasts,
L	2682	2694		J1420	3G181	minor 3GO bands,
L	2694	2721		J1421	3G171	→3G97,
L	2721	2764		J1423	3G171	zone of broken core, and gouge,
L	2764	2852		J1413	3G191	po+py porphyroblasts,
L	2852	2855		J1414	3G101	gouge zone,
L	2855	2913		J1415	3G171	chloritic laminations,
L	2913	2916		J1416	3G181	clastic texture, possible pyroclastic, appears as the clasts have been carbonated,

DDH 76-05 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	2916	2932		V1417	3G81	
L	2932	2980		V1418	3G71	→ 3G8,
L	2980	3008		V1419	3C3	mottled massive texture,
						slightly calcareous,
L	3008	3041		V1510	3G81	
L	3041	3084		V1511	3G71	po porphyroblasts,
L	3084	3087		V1512	3G71	gouge zone
L	3087	3188		V1513	3G71	po porphyroblasts
L	3188	3206		V1514	3K81	→ 3C7 lessor intervals of 3C8,
						thin laminations of po,
L	3206	3268		V1515	3K71	chloritic bands becoming
						thicker towards the footwall,
						up to 1.0 ft wide,
L	3267	3279		V1516	3K81	very siliceous,
L	3279	3284		V1517	3G71	
L	3284	3297		V1518	3K81	very siliceous, probably due to
						secondary quartz,
L	3297	3499		V1519	3G71	po porphyroblasts,
L	3499	3557		V1610	3G71	possible calc-silicate bands
						up to ¼" wide.
L	3557	3581		V1611	4C17	trace cpy, ~50% sulphides
						mostly py, massive po band
						at the hanging wall ~4"
						wide, possibly metamorphic
						in origin, thin carbonaceous
						laminations,
L	3581	3584		V1612	4A17	→ 4C7 approx 75% qtz, with
						thin laminations of po &
						graphite
L	3584	3590		V1613	4A17	
L	3590	3605		V1614	3G91	
L	3605	3614		V1615	4A17	→ 4C57 ~80% qtz, graphitic
						laminations with flecks of po,
L	3614	3617		V1616	4C10	- typical, trace po,
						sulphide clasts appear to have
						been brecciated prior to lithification.

DDH 76-05 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 20/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	3617	3624		V167	4L617	→ 3G6,
L	3624	3630		V168	4L617	gouge zone,
L	3630	3645		V169	4C517	~ 50 % py, thin graphitic bands,
L	3645	3649		V170	4L116	gouge zone.
L	3649	3653		V171	4L116	no sulphides, cherty laminations.
L	3653	3721		V172	3E101	→ 3G7 at the footwall.
L	3721	3727		V173	4C517	thin graphitic laminations, minor bands of 3G0,
L	3727	3742		V174	4C171	→ 4H1, ~ 80% sulphides mostly po,
L	3742	3749		V175	4C107	sulphides decreasing towards the footwall ~ 50:50: py:po
L	3749	3758		V176	3E101	
L	3758	3773		V177	4L112	minor po,
L	3773	3779		V178	4IE11	
L	3779	3793		V179	4L117	→ 4C7 very low sulphide content,
L	3793	3794		V180	4H10	possibly some grade as the po is a steel gray colour,
L	3794	3986		V181	3IG01	core very broken up and oxidized, minor carbonaceous bands, fault zone, abundant gouge.
L	3986	4142		182	B1G91	
						END OF HOLE.
						Thats all Folks, I'm going Home.

DDH B-5 (2 8)

Cyprus Anvil Mining Corp.

Page 1 of 2.

Lithologic Log Date: 1/9/01 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	445		1	*	water & overburden
L	445	475		2	3G9	carbonaceous laminations
L	475	687		3	3G01	pale grey in colour, minor secondary qtz laminations, po porphyroblasts, quartz in pressure shadows,
L	687	707		4	4C9	, minor 4E4 at hanging wall minor laminations of sericite, probable m region,
L	707	711		5	4E11	gradational with 4c.
L	711	725		6	4C10	py content decreasing towards footwall.
L	725	739		7	4E11	thin bands of quartz, gradational to 4Cz,
L	739	758		8	4C09	, minor specks of galena, gradational to 4E1, quartz content greater than #7, cpy ≈ 1%, py content decreasing towards the footwall
L	758	762		9	4L0	
L	762	765		10	4C8	py content ≈ 70%, gradational with 4E8, magnetite in thin laminations
L	765	772		11	4L01	→4L6, chlorite patchy in appearance and distribution,
L	772	777		12	4E18	quartz intergranular, mag in thin laminations,
L	777	783		13	4L6	→4L0 chlorite concentrated in veins,
L	783	789		14	4E18	same as #12.
L	789	807		15	4C08	gradational with #14 over 10cm.
L	807	822		16	4L12	gradational with 4c, becoming more sericitic towards the footwall.
L	822	862		17	4L6	→ gradational with 4L0, small thin chlorite laminations, //s,

DDH B-5 (2–8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 1/9/81 Logged By: BYH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
						abundant secondary qtz veins
L	0	883		118	146172	
L	883	920		119	146112	less chloritic than #17.
L	920	1094		120	146617	thin bands of po, rock
						also may be more carbonaceous,
						dark grey in colour, po enclosed
						in quartz, minor py bands, ~
						2–5 cm wide, some of which
						contain magnetite.
L	1094	1722		121	136446	gradational with #20 over ~20',
						laminations of po less
						abundant, still faintly
						altered po bearing rock at bottom
						END OF HOLE

DDH B-6 (2 / 8)

Cyprus Anvil Mining Corp.

Page 1 of 1

Lithologic Log Date: 1/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0 0	5 1 8		1	*	overburden + water, granitic boulders
L	5 1 8	7 6 8		2	3 G 8	greenish cast, chloritic, po porphyroblasts, minor laminations of po, no visible alteration,
L	7 6 8	7 9 8		3	3 G 0	grading into 3 G 9, po laminations more abundant than # 2,
L	7 9 8	8 0 1		4	3 B 0	brecciated, possible fault, abundant qtz.
L	8 0 1	9 4 4		5	3 G 0	same as # 3, quartz associated with the po laminations,
L	9 4 4	9 5 4		6	4 6 6 7	alteration very faint ~ 5-10% po, po in laminations and bands,
L	9 5 4	1 0 4 5		7	3 G 0	same as # 3
L	1 0 4 5	1 1 9 7		8	4 6 7	greasy ugly core, po bands set in a quartz - sericite matrix,
L	1 1 9 7	1 5 0 5		9	4 6 0	po content less # 8, trace cpy,
						END OF HOLE.

C.A.M.C. 1981 – E-3

DDH B-7 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 4/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
	10 14	16 20	22 24	26 28	30 34	35
L	0000	588		1	*	overburden + water.
L	588	597		12	3G-0	laminated, grayish-green.
L	597	612		13	3B10	chloritic not as well laminated as #2,
L	612	771		14	3G-0	core missing 211.0 - 233.0' well laminated, po porphyroblasts, quartz in pressure shadows, grading into 3G9
L	771	1091		15	3G-0	grading into 3G8, py porphyroblasts, rare carbonaceous bands, abundant bull quartz 330-358'
						END OF HOLE

DDH B-7 (2 / 8)

Cyprus Anvil Mining Corp.

Structural Log

Date: 9/9/81 Logged By: BVH

Code	From	To	Feature	Sym	S_0 Dip Direct.	S_1 Dip Direct.	S_2 Dip Direct	Description
	10 14	16 20	22 24	26	28 32	34 38	40 44	
S		585	C1512			815 1810	710	0 - 191.7 overburden.
S	585	613	C1512	M		410 1010	610	
S	613	737	C1512	S		812 1810	710	
S	737	795	C1512	Z			717	
S	795	853	C1512			518 1010	710	
S	853	932	C1512	S			618	mixed S&Z sym at
S	932	1011	C1512	Z			710	the footwall.
S	1011	1091	C1512			615 810	710	
								END OF HOLE

DDH B-8

Cyprus Anvil Mining Corp.

Page 1 of 1

Lithologic Log Date: 4/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	0000	1371		11	*	overburden & water.
L	1371	4229		12	3E101	→ 3E8, minor po porphyroblasts,
L	4229	8001		13	14610	minor po laminations with associated py, minor chl bands,
L	8001	8100		14	3E01	→ gradational to 446,
L	8100	9144		15	14617	bands of chlorite grading into 446 in places,
L	9144	10055		16	14610	po content less than #5, core has a bleached appearence, high quartz content,
						END OF HOLE.

C.A.M.C. 1981 – E-3

DDH B-9 (2 / 8)

Cyprus Anvil Mining Corp.

Page 1 of 2

Lithologic Log Date: 9/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
L	000	421		1	*	overburden & water.
						0-48.0 water.
L	421	449		2	3G01	minor po porphyroblast with
						quartz in pressure shadows,
						py porphyroblasts also,
L	449	452		3	14H101	massive po band, small
						siliceous zone ~4" wide
						at the hanging wall.
L	452	463		4	14C171	bands of po → 1-2 cm wide in
						a siliceous host, minor sericite
						laminations,
L	463	470		5	14L1112	-4L127 gradational with #4
						more sericite bands,
L	470	475		6	14L171	typical 4L7,
L	475	524		7	14L617	-4L672.
L	524	548		8	14L617	-gradational to 3G16, faintly
						altered, carbonaceous bands still
						present,
L	548	563		9	14L112	-py minor, present only in fine
						laminations,
L	563	576		10	3G101	
L	576	591		11	3G141	bleached appearance no sulphides
						resembles closely the alteration
						associated with the volcanics,
L	591	609		12	14L412	→ 4CO, very low sulphide
						content < 5%, minor sericite
L	609	612		13	14L17	gradational to 4L37,
L	612	618		14	14L112	similar to #12 very low sulphide
						content, more chloritic
L	618	690		15	14L117	→ 4L167 gradational to 3G0,
L	690	697		16	14C101	minor sericite bands,
						sulphide content ~50%
L	697	704		17	14C101	sulphide content ~10%
L	704	728		18	14461 7	
L	728	748		19	14L101	→ 4L7
L	748	765		20	14C171	py most abundant at the hanging

DDH B-9 (2 / 8)

Cyprus Anvil Mining Corp.

Lithologic Log

Date: 9/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10 14	16 20	22 24	26 28	30 34	35
						wall
L	765	899		21	4L17	-4L72 core missing 251.5 to 273.7'
L	899	1018		22	4BO	→ 4L1 very low sulphide content
L	1018	1109		23	3G9	possibly 3G7, lithons well developed, more carbonaceous than #2.
L	1109	1118		24	3B0	chloritic phyllite with quartz leminations,
L	1118	1164		25	3G0	same as #23
L	1164	1179		26	3G9	
L	1179	1258		27	3G9	same as #23, perhaps a bit more chloritic
L	1258	1341		28	3G1	well leminations, lithons well developed, quartz leminations core missing 436.5 - 440.0
						END OF HOLE.

DDH B-10 (2–8)

Cyprus Anvil Mining Corp.

Page 1 of 1

Lithologic Log Date: 9/9/81 Logged By: BVH

Code	From	To	Recov.	No.	Unit	Description
1	10–14	16–20	22–24	26–28	30–34	35
L	0.0	614		1	*	overburden & water, water 0.0 - 182.0
L	614	762		2	3G-10	
L	762	816		3	3G-9	intervals of 3G-0,
L	816	914		4	3G-10	
						END OF HOLE.

C. A. M. C. 1981 – E-3