DDH 76-X-21 (2 / 8)

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

Page _____ of _____
Logged By: _____
Sampled By: BVH

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	017426
	15191 0	41L171	IPITIS	representative sample of 4L7 examine the po vein to see if it crosscuts the F_1/F_2 structures, ie. stockwork, examine the metamorphic textures in the po.

DDH 77-X-03 (2 / 8)

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

Page _____ of _____
Logged By: _____
Sampled By: _____

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	16819 5	4L71	X 1 1P1T15	representative sample of 4L7, examine the po vein for metamorphic textures.
	16919 5 0	41611 7	1 1 1P1T15	representative sample of 4L17, examine the metamorphic textures.

DDH 77-X-09 (2 / 8)

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

Page _____ of _____
Logged By: _____
Sampled By: B V H

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	1419 18 7		ITIS	altered variant of the Dixon Ck Dyke.
	1511 16 4		ITIS	relatively unaltered version of the same Dyke as 4987

DDH 79-X-01 (2 / 8) Cyprus Anvil Mining Corp. Research [redacted] Log (Sampler's Copy)

Page ____ of ____
Logged By: RVH
Sampled By: RVH

Code	Depth	Unit	Sample No.	Description
1	10 14	16 20	22 27	
	151116 3	41K01	IPITIS	magnetite bands with py, siliceous hosts.
	151186	41E01	IPITIS	Excellent example of deformed py. 2 samples taken at right angles A parallel to foliation.
	151310 1	41A01	IPITIS	breccia zone, post D_2 containing abundant sulphides (py) in matrix
	151219 9	41A01	IPITIS	" " " "

DDH 79-X-02 (2 / 8) Cyprus Anvil Mining Corp. [redacted] Research Log (Sampler's Copy)

Page ____ of ____
Logged By: BVH
Sampled By: BVH

Code	[redacted] Depth	[redacted] Unit	Sample No.	Description
1	10 14	16 20	22 27	
	1215199	51013	X1 ATS	possible small bands of talc, should X-ray if suggested petrographically.

DDH 79-X-03 (2 / 8) Cyprus Anvil Mining Corp. Research ~~Geotechnical~~ Log (Sampler's Copy)

Page ____ of ____
Logged By: BVH
Sampled By: BVH

Code	From Depth	To	Unit	Sample No.	Description
1	10 14		16 20	22 27	
	151916	5	4IG141	PITIS	bands of magnetite which have been boudamaged; py and cpy bands. minor 463. (2 samples)
	151911	5	4IL1714	PITIS	sericitic 4L with chloritic patches minor sph+po
	171015	2	4IAH1	PITIS	sph-gal bands in ribbon banded, should compare with similar sample in 79-X-01 should also check for F4 deformation
	171015	4	4IL171	PITIS	sample taken at the hanging wall contact transition from 4A4 → 4L7. example the cabonaceous bands.
	171165		4IL101	PITIS	minor band of 4L0 contained in 4A0, siliceous matrix containing clasts of 4A, 4L and sulphides, possible ripup. of the 4A host unit
	171189		4IL101	PITIS	similar 716.5 sulphide clast to be cut.
	171213	3	5IA1917	PITIS	siliceous 5A containing bands of ankerite??
	171319		4IL3141	XPITIS	occurs toward the hanging wall, sample grades into 4L14 at the foot wall, talc veins/dont appear directly related to alteration, should X-ray for talc
	171419	8	4IL171	XPITIS	sericitic variant of 4L, possible talc should xray, excellent S_2/S_1 folds
	171513	8	5ID131	PITIS	unaltered SD3, S_2 foliation S_2/S_1 folds
	171517	4	5ID131	PITIS	sample closely resembles 753.8 appears to be slightly altered to 4L6, minor po.
	17158	9	4IL1714	PITIS	example of 4A0 grading into 4L7 po+sp occurin bands, minor chloritic bands.
	171818	1	5IB161	PITIS	representative sample of 5B6, minor disspo.

DDH 79-X-63 Cyprus Anvil Mining Corp.

Research [redacted] Log (Sampler's Copy)

Page ____ of ____

Logged By: BVH

Sampled By: BVH

Code	From Depth	To	Unit	Sample No.	Description
1	10	14	16 20	22 27	
	171819	9	4L 61	PITS	grades from 788.1 to 789.9,
					slightly altered version of 5B6
	171910	1	4L 61	PITS	resembles 4L0, more altered version
					of 789.9.
	181014	0	4L 101	PITS	faintly altered version of 5B6,
					could be considered 5B6.
	181214	2	4A 101	PITS	footwall contact of 4A0, sulphides
					becoming thicker, and more
					massive; very siliceous.
	181259	9	4E 101	PITS	massive py, minor graphitic bands
	181272	2	4E 101	PITS	massive py, minor po, toward the
					footwall, minor galena.
	181291	5	4A 71	PITS	unit appears to be faintly
					altered, minor po.
	181579	9	4L 6179	PITS	example of 4L79, gal, po and cpy
					in metamorphic veins, chl bands.
	181611	0	4L 1117	PITS	siliceous interbands of quartz
					and chl, po in bands, minor sph.
	181626	6	4A 11	PITS	very siliceous, minor py-sph bands
	181715	3	4A 1411	PITS	sample contains siliceous po veins,
					minor cpy which are crosscutting
					and possibly related to alteration,
					minor carbonate, magnetite also.
	181811	2	4L 1017		po veins surrounded by chl which
					may be related to alteration, chl
					may also be related to the
					qtz vein emplacement. should
					look for S_2, S_3 structures
	181819	6	4L 1117		appears to be an altered version
					of 5D?, possible 5B.
	181917	0	4L 1117		sample taken within an interval
					of po bands, check out sulphide
					relationships.
	181681	8	4G 41		representative sample of the
					baritic facies
	171044	4	4L 43	X	PITS possible 4L3, x-ray, chl bands.

DDH 79-X-03 (2 / 8) Cyprus Anvil Mining Corp. Research. [redacted] Log (Sampler's Copy)

Page ____ of ____
Logged By: B V H
Sampled By: B V H

Code	From DEPTH	[redacted] UNIT	Sample No.	Description
1	10 14	16 20	22 27	
	814.5	42617	PITS	po bands with chl bands, chl light colour suggesting high Mg content, minor cpy.

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 596.5

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 591.5

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 705.2

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: ~~7054~~ 79-X-03 DEPTH: 705.4

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 716.5

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 718.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 722.3

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 731.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 749.8

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 753.8

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dg

STATION:

DDH: 79-X-03 DEPTH: 757.4

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 758.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 788.1

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: ~~79~~ Dy

STATION:

DDH: 79-X-03 DEPTH: 789.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dg

STATION:

DDH: 79-X-03 DEPTH: 790.1

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-Y-03 DEPTH: 804.0

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 824.2

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 825.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 827.2

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 829.1

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 857.9

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 861.0

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 862.6

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 875.3

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 881.2

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 889.6

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 897.0

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 866.8

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 704.4

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-03 DEPTH: 845.1

HAND SAMPLE:

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

DDH 79-X-04 (2 / 8)

Cyprus Anvil Mining Corp.

Research ~~Geochemical~~ Log (Sampler's Copy)

Page ____ of ____

Logged By: LCP

Sampled By: LCP

Code	From Depth	To Depth	Unit	Sample No.	Crude, Rude, Description Lewd Comments
	10 14		16 20	22 27	
H	1461	38	5B713		?-symmetry, just above a 5D3 unit
H	1461	83	5D31		Calcareous, finely laminated, S2 poorly developed
H	1410	07	5B713		Relations of S1 and S2
H	1505	50	5B71		Tuffaceous, chloritic layers in 5B
H	1506	44	5B612		Noncalcareous Fine S2 laminations
H	1521	12	0E01		Sharp contact between coarse- and fine-grained
					phases of dike
H	1521	18	0E01		Fine-grained phase of dike
H	1531	48	0E01		Coarse-grained phase of dike
H	1531	96	0E01		Transitional zone to outer margin of dike
H	1541	06	0D31		Transitional zone to outer margin of dike
H	1541	11	0D31		Transitional zone to outer margin of dike
H	1541	17	0D31		Contact of dike with phyllite
H	1541	91	5B612		0.2 M from dike – contact mm. effects?
H	1541	50	5B612		PS2 phyllite, pyrrhotite with pressure shadow
H	1571	64	5A91		Transition from 5A to either 4L or 5D
H	1581	17	4D517		Transition from 4L to 4D (actually at 582.5)
H	1581	40	4D517		Pyritic base-metal bearing
H	1581	73	4A41		Base-metal bearing ribbon-banded
H	1601	00	5A11		Post-D2 crenulation cleavage
H	1601	43	5D31		Finely banded 5D3
H	1612	40	0D01		Small dike in phyllite
H	1611	88	5A1*		Typical 5A*
H	1614	33	3G01		Noncalcareous Mt. Mye phyllite
H	1618	77	3B01		Mt Mye equivalent of 5D
H	1710	22	3B01		Chloritic in Mt Mye
H	1714	66	3G01		Noncalcareous Mt Mye phyllite

DDH 79-X-045 (2 / 8) Research. Log (Sampler's Copy)

Cyprus Anvil Mining Corp.

Page ____ of ____
Logged By: B x H
Sampled By: B x H

Code	[redacted] Depth	[redacted] Unit	Sample No.	Description
1	10 14	16 20	22 27	
	1612163	4C09	IPIT15	baritic ore taken near the footwall
	1612183	4A14	IPIT15	band sph-py occurs toward the footwall of this ore zone
	1612197	4C10	IPIT15	banded siliceous py, foliated.
	1613110	4A11	IPIT15	less sph-gal than 6289.3.

DDH 79-X-05 (2 / 8)

Cyprus Anvil Mining Corp.

~~Geochemical~~ Research Log (Sampler's Copy)

Page ____ of ____

Logged By: LCP

Sampled By: LCP

Code	~~From~~ Depth		~~To~~ Unit		Sample No.	Description
1	10	14	16	20	22	27	
H	1416	5	5B01			Calcareous layers, minor folds
H	1954		5B61			D2 and Post-D2 crenulation cleavages
H	1316	4	5B61			No visible crenulations — PS2 domain
H	1919	6	5D31			Mineral assemblages in 5D3
H	3113	6	5D61			Massive, noncalcareous 5D
H	3131	0	5B7I3			Transitional from 5B to 5D
H	3148	2	5B7I3			Very micaceous gradation to 5D
H	3183	9	5B7I3			Chloritic phyllite, quartz-rich layers common
H	3195	9	4K71			Massive pyrite with pyrrhotite & minor chalcopyrite
H	4105	9	5D31			Purplish color hue. Tight folds
H	4111	3	5B7I3			Well developed D2 microlithons
H	4312	8	5D31			Typical leopard-striped 5D
H	4513	3	5D31			Fairly massive 5D with small folds
H	5014	1	5B7I3			Post-D2 crenulation cleavage
H	5016	2	5B7I3			Contact between 5B and 5D
H	5310	2	4L7I4			Alteration mineral assemblage
H	5312	5	4L7I3			Brecciated 4L74 with talc?
H	5614	6	0I0I			Quartz-chlorite-epidote vein
H	5713	4	0E91			Altered equigranular dike
H	5719	9	0E71			Equigranular dike rock
H	5814	3	0E71			Dike — gradational to outer margin
H	5815	4	0D31			Contact between dike and phyllite
H	5815	5	4L61			Green, altered phyllite
H	5818	2	4A41			Dark graphitic phyllite — more like 5A9
H	5910	2	4A41			Good high grade
H	5813	0	0E71			Transitional to outer margin — dike
H	5915	6	4A41			Ribbon-banded with pyrrhotite
H	6031	1	4A4I5			Graphitic ribbon-banded.
H	6211	0	4L7I4			Altered pale white mica assemblage
H	6212	7	0D91			Altered dike
	6218	8	0E91			Altered dike
	6310	0	0E01			Fresh dike material.
*	6347		4D71			

DDH 79-X-05

Cyprus Anvil Mining Corp.

~~Geochemical~~ Research Log (Sampler's Copy)

Page _____ of _____

Logged By: LCP

Sampled By: LCP

Code	From	To	Unit	Sample No.	Description
H	161410	11	3G1		Noncalcareous graphitic phyllite
H	161514	9	3B1		Tuffaceous unit in Mt Mye
H	161814	8	3D		Calc-silicate unit in Mt Mye
H	161915	0	3C		Meta-basite in Mt Mye - leopard rock.
H	161917	9	3G1		Contact between dike & calc-silicate
H	161918	9	0E3		Dike - with feldspar microlites
H	171116	2	0E3		Amygdaloidal dike
H	171118	8	3G1		Biotitic phyllite

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 46.5

HAND SAMPLE: 580 - Calcareous layers, minor folds

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 95.4

HAND SAMPLE: 5B6 - D2 and post-D2 crenulation cleavages

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 136.4

HAND SAMPLE: 586 - P52 domain

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 199.6

HAND SAMPLE: 503 - mineral assemblages

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 313.6

HAND SAMPLE: 5D6 - massive, noncalcareous 5D

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 331.0

HAND SAMPLE: 5B73 - transitional from 5B to 5D

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 348.2

HAND SAMPLE: 5873 - very micaceous, gradational to 5D

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 383.9

HAND SAMPLE: 5873 - chloritic phyllite, gt-rich layers common

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 395.9

HAND SAMPLE: 4 K 7 - Massive pyrite with po and minor cpy

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 405.9

HAND SAMPLE: 503 - purplish color hue, tight folds

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 411.3

HAND SAMPLE: 5873 - Well-developed D2 microlithons

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 432.8

HAND SAMPLE: 5D3 - typical leopard-striped 5D

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 451.3

HAND SAMPLE: 503 - fairly massive SD with small folds

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 504.1

HAND SAMPLE: 5873 - post D2 recrystallization dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 506.2

HAND SAMPLE: 5B73 - contact between 5B and 5D

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 530.2

HAND SAMPLE: 4L74 - alteration mineral assemblage

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 532.5

HAND SAMPLE: 4273 - brecciated 4274 with talc (?)

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 564.6

HAND SAMPLE: 090 - Qtz-chlorite-epidote vein

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 573.4

HAND SAMPLE: OE9 - altered, equigranular dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 579.9

HAND SAMPLE: OE7 - equigranular dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 583.0

HAND SAMPLE: OE7 - dyke, transitional to outer margin

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 584.3

HAND SAMPLE: OE7 - dyke, gradational to outer margin

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 585.4

HAND SAMPLE: 003 - contact between dyke and phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 585.5

HAND SAMPLE: 426 - green, altered phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 588.2

HAND SAMPLE: 4A4 - dark graphitic phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 590.2

HAND SAMPLE: 4A4 -

THIN SECTION:

POLISHED SECTION: ✓

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 595.6

HAND SAMPLE: 4A4 - ribbon-banded with po

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 603.1

HAND SAMPLE: HA45 - graphitic ribbon-banded

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 621.0

HAND SAMPLE: 4174 - altered, white mica assemblage

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 622.7

HAND SAMPLE: 009 - altered dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 628.8

HAND SAMPLE: OE9 - altered dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 631.0

HAND SAMPLE: OEO - fresh dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 634.7

HAND SAMPLE: 4D7

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 640-1

HAND SAMPLE: 360 - noncalcareous, graphitic phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 654.9

HAND SAMPLE: 3BO – tuffaceous unit in Mt Mye

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 684.8

HAND SAMPLE: 3D calc-silicate

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 695.0

HAND SAMPLE: 3C - metabasite in Mt Myc — leopard rock

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 697.9

HAND SAMPLE: 360 - contact between dyke and calc-silicated

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 698.9

HAND SAMPLE: OE3 – dyke with feldspar microlites

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 716.2

HAND SAMPLE: OE3 – amygdaloidal dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-05 DEPTH: 718.8

HAND SAMPLE: 360 - biotitic phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

DDH 79-X-06 (2 / 8) Cyprus Anvil Mining Corp. Research [redacted] Log (Sampler's Copy)

Page ____ of ____
Logged By: B V H
Sampled By: B V H

Code	From Depth (10–14)		Unit (16–20)	Sample No. (22–27)	Description
	11513	4	S1B213	PITS	representative sample of SB2
	12116	8	S1A101	ITS	representative sample of SA0
	12141	7	S1B1713	ITB	representative sample of SB73
	12511	2	01E1219	PITS	plagioclase altered to kaolinite but destroyed, compare to the unaltered varieties.
	12616	0	01E131		chilled margin of dyke, same dyke as 251.3
	12717	3	S1B1713	ITS	representative sample of SB7, taken partly to demonstrate the tuffaceous nature.
	13115	5	S1B161	TIS	F4 kink fold.
	13514	0	S1B161	TIS	sample taken at the contact between SB6 and a brecciated SA0, possible fault and F4 folds
	13714	9	S1B161	TIS	F4 folds
	14315	5	S1B101	ITS	sample taken at the SB0/SD3 contact
	14411	5	S1D131	PITS	po-py blebs hosted in SD3, possibly check the silicates surrounding the sulphides.
	14510	2	S1D151	TIS	SD containing lenticules of graphitic material.
	14612	1	S1D131	TIS	massive chloritic phillite, resembles 466, lacking sulphides
	14715	7	S1B161	PITS	py mantled by po, representative sample of SB6.
	15137		S1B1713	TIS	possible rip-up clasts, definitely appear pre D_2.
	15519	4	4L1617	PITB	example of po bearing 4L67, somewhat removed stratigraphically from sulphide horizon, should compare with other samples of 4L.
	15615	4	4L1617	PITS	compare 4L67 to SB6.
	16017	9	4L171		good example of 467 grading into 4L37, xray for talc.

DDH 79-X-06 (2 / 8) Cyprus Anvil Mining Corp. Research. ~~Geotechnical~~ Log (Sampler's Copy)

Page _____ of _____
Logged By: _____
Sampled By: _____

Code	From Depth		To	UNIT		Sample No.		Description
1	10	14	16		20	22	27	
	161018	2		4L171				4L7 with cross cutting chloritic patches
								which overlap po, pre F_1,
								possible stockwork zone.
	161716	8		41R719			PITS	massive po minor qtz veins,
								brecciated, minor cpy
	161717	7		4K7 4L1115			PITS	discordant 4K7/4L15 contact
								possibly due to soft rock
								deformation.
	161719	0		4G181			PITS	carbonate bearing baritic sulphides
								banded mag, py, barite,
	161819	0		4L171				representative sample of 4L7
								underlying the ore zone.
	161919	8		4L171				sericitic 4L overlying Horz 4
								should compare with sample 698.4
	161915	3		4L1617	9		PITS	T.S. taken across a refolded fold.
								F_2/F_4 interferance,
	1710 18	1		4IE181			PITS	brecciated py, veined with calcite,
								should look for possible deformation
								textures.
	171311	4		4IG1			PITS	coarse grained patches of sph-gal,
								py, flame structures in galena.
	171818	3		5ID101			PITS	chloritic phyllite containing
								abundant siliceous bands, minor
								diss py in bands.
	171512	2		4IA171			PITS	compare this sample to 739.8 po÷py
	171112			4IA01				example of ribbon banded quartzite.
	171212			4IA41				compare the sulphides to 771.2
	171815	4		4L1317			PITS	very light coloured chl, possibly
								Mg end member, minor diss po.
	171915	5		4L1317			PITS	gradation between 4A0 and 4L37.
	181115	5		4L1617			PITS	chloritic patches surrounding a quartz
								vein, po and chl also present which
								appear related to alteration.
	181419	2		4L1617				Bt bands present in 4L,
								possibly a function of bulk rock
								composition and increasing metamorphic

DDH 79-X-06 Research. Cyprus Anvil Mining Corp.

Log (Sampler's Copy)

Page ____ of ____

Logged By: BVH

Sampled By: BVH

Code	Depth	Unit	Sample No.	Description
				grade.
	872	447 4A0	PTS	gradational contact with 4L7 grading downward into 4A0.
	781	4L3	PTS	minor disspy, rock resembles 5D
	851	4L6 7		representative sample of 4L, below the main horz.

DDH 79-X-07 (2 / 8)

Cyprus Anvil Mining Corp.

~~Geochemical~~ RESEARCH Log (Sampler's Copy)

Page _____ of _____

Logged By: BVH/LCP

Sampled By: BVH/LCP

Code	From Depth	To	Unit	Sample No.	Description
1	10 14	16	20	22 27	
	1312	0	SIC101	TIS	Light coloured variant of SC unit
	1411	1	SIC101	TIS	Dark coloured variant of SC unit, compare with 32.0
	1517	2	SID131	TIS	associated with SC unit.
	1717	18	6	SIB101	PyTIS	py mantled by po
	1217	14	1	SIB101		post D2 crenulation, qtz vein with chl surrounding
	1315	12	6	SIB1713	TIS	Light green, very micaceous Transitional to SD.
	1315	14	8	SIB1713		Rogue's gallery - potential F1 fold
	1316	15	5	OIEIO	TIS	Dixon Creek like
	1319	19	0	SID131	TIS	Laminated grey calcite & green chloritic Pyrrhotite encloses pyrite
	1411	10	2	SIB101	TIS	FH in phyllite

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 32.0

HAND SAMPLE: 5C0 - light coloured variant of 5C unit

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 41.1

HAND SAMPLE: 5CO dark coloured variant of 5C unit – compare with 32.0

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 57.6

HAND SAMPLE: 5D3 - associated with 5C unit

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 178.0

HAND SAMPLE: 5BO - py mantled by po

THIN SECTION:

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 274.1

HAND SAMPLE: 580 post D2 cremulation, qtz vein with chlorite surrounding

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 352.6

HAND SAMPLE: 5B73 - light green, very micaceous - transitional to 5D

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 365.5

HAND SAMPLE: OEO Dixon Creek dyke

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 399.0

HAND SAMPLE: 5D3 – laminated grey calcite & green chlorite. Po encloses Py

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION: ✓

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

RESEARCH SAMPLE LOG

PROJECT: Dy

STATION:

DDH: 79-X-07 DEPTH: 410-2

HAND SAMPLE: 580 F4 in phyllite

THIN SECTION: ✓

POLISHED SECTION:

POLISHED THIN SECTION:

ANALYSIS:

PROBE:

XRD:

ISOTOPE:

FOSSIL:

STAINED:

OTHER:

COMMENTS:

DDH 79-X-08 (2 / 8) Cyprus Anvil Mining Corp. [redacted] RESEARCH Log (Sampler's Copy)

Page ____ of ____
Logged By: ____
Sampled By: ____

Code	[redacted] DEPTH		[redacted] UNIT	Sample No.	Description
1	10	14	16 20	22 27	
	1619	5	51015	19TIS	Mystery Mineral, possibly po (hex), or marcasite, or??, found in a vein
	13510	0	51B101	PITIS	py converting to po, representative SBO, S_3 intersecting S_2 TS,
	15016	5	41L317	X PITIS	good example of heavily altered rock, minor po, check for talc.
	15014	9	41L715	X PITIS	moderately altered rock, compare to 506.5
	14919	0	51D513	TIS	compare to 504.9 and 506.5 possible protolith.
	15131	8	41C181	PITIS	banded pyritic ore containing bands of mag-sph-gal.
	15412	0	41C171	PITIS	check for cpy and po, magnetic check for absence of mag. sample taken near the footwall.
	15212	2	41D181	PITIS	check for the mag-sph-gal assemblage.
	15018	0	41L117	PITIS	Excellent example of 41L7,
	15418	5	41G101	PITIS	$CaCO_3$ in matrix, examine the relationship between the $BaSO_4$ and $CaCO_3$
	15412	8	41K181	PITIS	interbanded mag and py, upper facies of ore section??
	15413	5	41C101	PITIS	massive py-qtz, middle section of ore section???
	15413	9	41K117	PITIS	interbanded clots of anterite, middle facies of an ore section.
	15414	7	41C171	PITIS	check for po compare to upper samples ie 543.9, 543.5, & 542.8
	15519	6	41L171	PITIS	representative sample of 41L7
	15812	0	51B161	PITIS	example of faintly altered SBS, should compare with representative samples of SBS and 41L
	16113	0		PITIS	Example of possible primary crosscutting po vein, may in turn be related to D_2 tension, check for D_2 mineral fabric in po

DDH 78-X-08 Research Cyprus Anvil Mining Corp.

~~Geotechnical~~ Log (Sampler's Copy)

Page _____ of _____

Logged By: BVH

Sampled By: _____

Code	From Depth	To Depth	Unit	Sample No.	Description
	1610	154	41C171	PITS	possible graded bedding in the py bands, should examine the clasts (py) for deformation features.
	1611	182	41C178	PITS	should examine the textural features of the sulphide banding
	1613	67	51D131	ITS	representative sample
	1618	106	41A141	PITS	should examine the sulphide relationships, cpy??
	1718	150	41L171	PITS	po grains surrounded by chloritic patches
	1719	172	41L161	PITS	po grain surrounded by a chloritic patch, check deformational fabric,
	1811	140	51D161	PITS	post D1 qtz-chl-po vein
	1811	157	41L171	PITS	bt bands interbanded with chl, minor po

DDH 29-X-09 (2 / 8)

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

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Logged By: DSJ
Sampled By: _____

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	15074			dolomitic 4KO where 4K facies is not massive pyritic sulfides but pyritic stylites. Could be dolomitic 4C.
	15109			calcitic 4KO as above i.e. calcitic pyritic stylites. Could be called calc. 4C
	15215 9	"		ferroan dolomite) bearing 4KO; buff patches of Fe-dol. (ankerite) (fizzes when powdered in 10% HCl) in massive pyritic sulfides
	15302	"		4H - siliceous ribbon banded w/ wispy S_2 folia form "streaks" of ankeritic carbonate (fizzes when powdered in 10% HCl.)
				Above samples collected as illustrative of carbonate-bearing sulfide facies of horizon 4
	15917 6			F, in 4HO for photograph.
	16016 5	41411 4	411	banded sph in a siliceous matrix
	16215 8	41616		check this sample and compare it to 624.8, possible protolith in SDS
	16248	5D31		compare with 625.8, spatial association exists possibly a textural association.
	16411 5	41D11		very siliceous, chert interbanded with sph.

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Cyprus Anvil Mining Corp.
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Code	From	To	Sample No.	Description
	10 14	16 20	22 27	
	12910 9	01D1219	ITIS	qtz Diorite hornblende possibly
				altered to montmerillonite, if not
				hb then plag.
	12916 9	01F21	ITIS	Porphyritic Monzonite, representative
				sample, check to see if this
				sample bears any similarities
				to 290.9
	13616 5	51B101	ITIS	possible F_1 fold in a representative
				sample of 5B0.
	13815 3	51B161	ITIS	representative sample of 5B6,
				F_2 folds predominating.
	14519 8	51D101	ITIS	representative sample of 5D0.
	14713 6	51D131	ITIS	representative sample of 5D3,
				examine the carbonate clots for
				possible amygdules.
	14715 5	51D131	ITIS	Icepond rock Sharp contact between LR. containing
				dolomite chombs & barren L.R.
	14810 4	51D1614	ITIS	Altered sericitic (?) 5D
	14912 7	51B141	ITIS	Altered 5B — in zone of F3 & F4
	14916 1	51B161	ITIS	F3 crenulation cluge very strong
	15211 0	51B161	ITIS	Qtzite lyens in banded phyllite
	15510 3	51D131	ITIS	Pale gray mudble with discontinuous chlorite laminae
	15811 5	51B101	ITIS	F3 crenulation cluge Banded phyllite
	16316 0	51B101	ITIS	Banded, calcareous phyllite
	16316 7	51B101	ITIS	F4 kink band conjugate fold
	16416 8	51B101	ITIS	Coexisting pyrite & pyrrhotite
	16516 9	51D131	ITIS	
	16617 9	41L101	PITIS	
	16814 0	41L171	PITIS	Chloritic HL with Po and Cpy
	16816 4	41L121	PITIS	HL with porphyroblastic Py
	17018 4	41L171	PITIS	Very white HL with Po bands
	18313 9	41A101	PTIS	Ribbon-banded
	18412 6	41L1617	PITIS	
	18517 5	41L1617	ITIS	Check light green mineral. Possible biotite?
	18515 8	51D131	ITIS	Spotted Icepond rock
	18619 4	51D161	ITIS	

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Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	181810 4	4L141	PITIS	
	191019 8	5B161	TIS	
	191317 6	3F111	TIS	Biotitic silicate-lyers in grey marble. lyers are boudinaged
	191413 1	3G101	TIS	Staur-grt-biot-chlor schist
	191414 5	3G101	TIS	
	191416 6	3D11	TIS	Banded green & brown
	191521	3G101	TIS	Andalusite-muscovite vein
	191550	3F111	TIS	
	191610 8	3G101	TIS	Staur-grt-biot schist
	191613 5	3G101	TIS	
	171511 2	4K181	PITIS	representative sample, mag-sph-gal bands
	171413	4C191	PITIS	cpy occupying tension gashes
	171511 9	4G1418	PITIS	gal-cpy recrystallized due to deformation banded sph
	171611 5	4J1418	PITIS	check for barite (possibly 4C)
	171817 4	4K1416	PTIS	check for metamorphic textures. representative sample.
	181111 0	4L1179	PITIS	representative sample
	181714 2	4L1617	PITIS	check sulphide relationships.
	181719 3	4A141	PITIS	check for po+cpy

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Cyprus Anvil Mining Corp.

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Logged By: _____

Sampled By: BVH

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	1/16/8 4	5/B/41	TIS	altered version of SB, appears to be metamorphic (metasomatism) in origin.
	1/19/5 5	0/F/21	TIS	representative sample.
	1/18/9 5	0/D/81 2	TIS	representative sample.
	1/19/8 3	0/F/91 2	TIS	should compare with 195.5 & 189.5 for possible protolith.
	2/4/4 3	5/C/31	TIS	representative sample, should check to see if it is SD.
	2/4/8 9	5/C/31	TIS	amygdaloidal portion of SC unit.
	4/6/1 9	5/D/31	TIS	representative sample of the Leopard Rock.
	1/8/10 4	5/B/10/1	PITIS	excellent example of a py grain which has been replaced by po.
	18/4/1 1	5/A/10/1	TIS	
	18/6/8 0	3/D/31	TIS	Marble with thin siliceous bands. Bands boudinaged
	18/7/8 1	3/D/81	TIS	Phyllite to schist - chlorite + biotite present
	18/8/6 5	3/D/81	TIS	Biotite-Alt-Musc schist
	17/3/4 3	4/G/4/7 8	PITIS	po bearing 4G
	17/2/4 7	4/G/4/8	PITIS	compare to 734.3
	16/8/2 9	4/H/10/1	PITIS	examine the contact relations. check for cpy
	17/3/9 7	4/C/10/1	PITIS	cpy in tension gashes compare to 746.7, and 746.6
	17/4/6	4/C/7/1	PITIS	compare cpy epo content 739.7 and 746.7
	17/4/6 7	4/C/8/1	PITIS	check for mag, may be po
	18/2/3 8	4/L/6/7	PITIS	representative 4G, possible crosscutting veins of po.
	17/3/0 0	4/G/4/8	PITIS	representative 4G
	17/3/5 5	4/E/8/1	PITIS	check for mag/po
	16/8/4 9	4/L/0/1	PITIS	representative sample.

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Cyprus Anvil Mining Corp.
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Logged By: _____
Sampled By: B V H

Code	From	To	Sample No.	Description
	10 14	16 20	22 27	
	161919	4L 4L1	PITIS	interesting mineralogical
				relationships between po-py-mag-qtz. examine the
				metamorphic textures also.
	171817	4G 4L	PITIS	should compare to 4G in
				79 x-12, 11, 06, 03,
	171810	4G 4L	PITIS	" " " " "
	181015	4E 1O1	PITIS	excellent post F_2 breccia,
				should examine the deformation
				of the sulphides if any
	191010	5B 1G1	ITIS	breccia post F_2 clasts of
				4E, 5B, 5D 5A
	191111	4C 1O1	PITIS	borders on 4A, occurs to the
				hanging wall of a baritic section.
	161715	4L 1O1	PITIS	faintly altered 5BO, should
				compare to representative samples
				of 5BO and more altered versions of
				4L.
	172153	5D 131	ITIS	representative sample
	191615	4L 131	X PITIS	check for talc??
	191418	4L 131	X PITIS	check for talc??
	144152	01 D171	ITIS	check the contact relationships
				between the 5B23 & OD7
	141316	01 D191	ITIS	exame the clay alteration of plag,
				check the metamorphic textures
				for the timing of emplacement.
	161918	4L 1147	PITIS	check the sulphide minerals

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Logged By: ____
Sampled By: BYH

Code	From	To	Sample No.	Description
1	10 14	16 20	22 27	
	17917 3	41K141	IPITIS	banded py-sph-mag examine the
				sulphide relationships
	17121 4	4A101	IPITIS	representative 4A0,
	17017 7	4G181	IPITIS	contact between 5D and 4G
	16818 0	4C181	IPITIS	interesting metamorphic textures.
				with magnetite flower textures.
	16910 0	4L101	IPITIS	representative 4L.
	17513 5	4L121	IPITIS	banded py in a sericitic host.
	17415 5	4L1612 7	IPTIS	almost 4C, chlocitic matrix.
	12416 6	51D31	ITIS	contact between 5D & 5B, hanging
				wall contact.
	1815 8	51B161	ITIS	compare the chlorite textures with
				that of the 4L rock types, examine
				the metamorphic textures
				to determine emplacement
				timing.
	11516 6	51B101	ITIS	examine this argillitic clast,
				possible 1) rip-up, 2) concretion, 3) bedding
				4) none of the above.
	11311 8	51B101	ITIS	breccia zone, possibly pre-F_2
	12716 4	51B1713	ITIS	representative 5B73, should compare
				to 5B0 to evaluate the difference
	13112 0	01D21	ITIS	exame the sharp and gradational
				contacts between the OD2 and
				underlying OD39.
	13117 2	01D1219	IPITIS	determine the timing of the po,
				and the clay alteration.
	12318 0	51B101	ITIS	representative sample of 5B0.
				should compare to 2764
	17714 5	4L171	IPTIS	representative sample of 4L7
	18213 8	4A101	IPTIS	representative sample.

DDH 79-X-15

Cyprus Anvil Mining Corp.

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Logged By: _____

Sampled By: BVH

Code	From	To	Sample No.	Description
	1 10 14	16 20	22 27	
	13111 1	5D13	TIS	representative sample
	14810 3	4K18	PITIS	representative sample
	14816 3	4C18	PITIS	interbanded py-mag-cpy-sph
	15219 8	4B10	PITIS	representative sample

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Cyprus Anvil Mining Corp.

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Logged By: _____

Sampled By: HCP

Code	From	To	Sample No.	Description
	1 10 14	16 20	22 27	
	1 14 17 0	5 1 B 1 0 1	T I S	Sample of typical SBO from near top of hole
	1 16 1 5	5 1 B 1 0 1	T I S	Calcareous SBO from lower down in hole
	1 19 14 8	5 1 B 1 0 1	T I S	SBO with tension gashes filled by calcite and/or qtz
	1 19 18 1	5 1 B 1 0 1	T I S	Qtz+calcite augen in phyllite matrix
	1 19 19 4	5 1 A 1 * 1	T I S	Qtz + calcite augen in carbonaceous phyllite matrix
	12 10 19 1	3 1 G 1	T I S	Green-grey phyllite
	12 11 18 3	3 1 G 1	T I S	Green-grey phyllite
	12 12 11 8	3 1 F 1	T I S	Marble with green chloritic assemblage
	12 12 15 6	3 1 F 1	T I S	Marble with green chloritic assemblage
	12 12 16 1	3 1 F 1	T I S	Marble with purplish biotite assemblage
	12 13 13 8	3 1 G 1	T I S	Probable biotite in schistose phyllite
	12 13 15 7	3 1 G 1	T I S	Biotite porphyroblasts?
	12 14 13 9	3 1 F 1	T I S	Strongly tectonic fabric marble with chloritic assembl
	12 14 15 7	3 1 G 1	T I S	Chloritic phyllite/schist Scattered biotite, gnt
	12 14 17 1	3 1 G 1	T I S	Chlorite-biotite-gnt schist
	12 14 19 6	3 1 G 1	T I S	Chlorite-biotite-gnt schist
	12 15 1 5	3 1 G 1	T I S	Biotite-gnt schist
	12 15 12 0	3 1 G 1	T I S	Bt-gnt-sill? schist Possible 2nd growth fine bt
	12 15 17 2	3 1 G 1	121- T I S	
	12 16 10 5	3 1 G 1	T I S	Gnt-bt-sill? schist
	12 16 14 5	0 1 1	T I S	Qtz diorite

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Cyprus Anvil Mining Corp.

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Logged By: _____

Sampled By: LCP

Code	From	To	Sample No.	Description
	10 14	16 20	22 27	
	1101 3	5D 3	TIS	Qtzitic version of 5D
	1015 8	5C 3	TIS	Massive 5C metabasite
	1017 4	5C 3	TIS	Amygdaloidal 5C
	1112 9	5D 3	TIS	Atypical 5D – has 3D appearance
	1214 6	3B 7	TIS	Laminated green phyllite
	1419 9	3G 8	TIS	Laminated phyllite
	2112 6	3B 2	TIS	Light green massive 3B?
	2123 3	3D 2	TIS	Interlaminated marble + calc-silicate
	2137 7	3D 4	TIS	
	2451 1	3D 4	TIS	Contains garnet
	2618 2	3B 3	TIS	Leopard rock
	3014 0	3G 0	TIS	