

CYPRUS ANVIL MINING CORPORATION

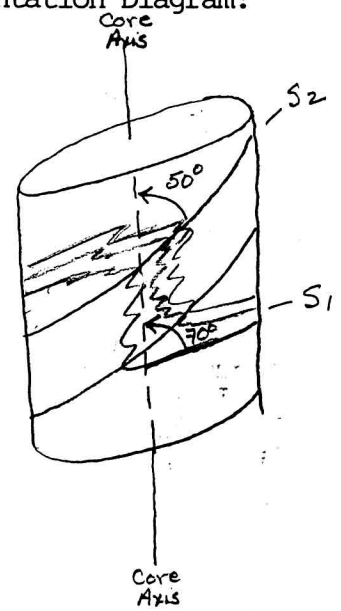
DIAMOND DRILL CORE LOG

Hole Number: 76 X-09

Fabric Orientation Diagram:

Project: Anvil

Location: Open Pit



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

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

Grid (Mine) Co-ords.: N 10, 152.70

E 15, 300.59

Elevation: 4173.23 4063.0  
(Mine) (MSL)

All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210°.

Total Depth: 1237 377.0

Purpose: Geologic information NE end Section 118

Logged by: D. S. Jennings Date(s) Logged: July 1976

Drilling Contractor: Arctic Diamond Drilling Core: Size From To Collar Cased and Capped: No

NA \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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



Code	From	To	Unit	Code	Description
	10 14	16 20	22 23	25 27	
	10 14	17 0	11	#	Overburden
	17 0	18 2	12	O.E.18	No attitude possible due to broken, ground core
	18 2	18 5	13	1C10	Gouge zone; zone 70°, 210° @ top; base indeterminate
	18 5	19 0	14	1C10	Clotted variant, minor Mn.SiO <sub>3</sub>
	19 0	114 8	15	1C10	Normal, non-carbonaceous, weakly andalusitic transition zone schist
	14 8	15 0	16	1C10	Gouge zone; top attitude indeterminate, base 40°, 210
	15 0	116 9	17	1C10	Several pre-D <sub>1</sub> gtz veins
	116 9	116 9	18	1C10	Gouge zone; 65°, 210 @ top; 70°, 210° @ base
	116 9	117 1	19	1C10	
	117 1	117 1	10	1C10	Gouge zone; 60°, 210 @ 171.0; 70°, 210 @ 171.5
	117 1	121 2	11	1C10	Normal, non-carbonaceous, weakly andalusitic transition zone schist
	121 2	121 4	12	1C10	Breccia and gouge zone adjacent to diorite; zone 70°, 210° @ top, base indeterminate (best guess on base is 60°, 210° for top of diorite i.e. diorite = sill)
	121 4	121 4	13	O.E.18	Attitude for top of diorite given above; base of diorite ≈ 90° to c.a. showing irreg. intrusive contact ⇒ dike
	121 4	121 4	14	1C10	
	121 4	121 7	15	O.E.17	Upper contact ≈ 90° to c.a. irreg. contact; lower contact indeterminate as core broken; typical brownish "quack quack"
	121 7	121 7	16	1C10	Interval w/ prevalent pre-D <sub>1</sub> gtz veins, does not show "clotted" appearance
	121 7	121 7	17	O.E.17	Typical brownish "quack quack" color w/ many irreg. CaCO <sub>3</sub> fracture fillings; top contact 75°, ≈ 210°, base indeterminate
	121 7	121 7	18	1C10	With some irreg. CaCO <sub>3</sub> filled fracture fillings
	121 7	121 7	19	O.E.17	As 270-272; top contact 45° to c.a. ≈ 210 cross cutting S <sub>1</sub> & S <sub>2</sub> ⇒ post D <sub>2</sub> dike; base 45° to c.a., cannot measure relative to S <sub>1</sub> /S <sub>2</sub>
	121 7	121 7	20	1C10	Pre-D <sub>1</sub> gtz veins
	121 7	121 8	21	O.E.17	As 270-272, 273-276; no attitude possible on top contact base 30° to c.a. i.e. unit = dike, cannot measure contact attitude to S <sub>1</sub> /S <sub>2</sub>
	121 8	121 8	22	1C10	Little or no andalusite over interval; many pre-D <sub>1</sub> gtz veins
	121 8	121 9	23	O.E.16	Top & bottom contacts 45° to c.a. subll to S <sub>1</sub>

Feet

Lithologic Log

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
1	12919	5	1314	30	21	4	11C10	"Clotted" variant w/ moderate amt pre-D, gtz veins
1	1314	30	1314	30	25	5	11C10	Gouge zone; top & bottom X cut 5, 1/2 w/ 70° 210° attitude
1	1314	30	1315	160	21	6	11C10	Strong biotite "clot" development, may be part of K/5. alteration zone (pre-D <sub>1</sub> ) marking "feeder pipe" for deposit
1	1315	160	1315	70	27	7	11C10	Bucella & gouge zone; no attitudes due to broken core
1	1315	70	1315	195	28	8	11C10	As 343.3-356.0
1	1315	195	1314	101	29	9	11C10	Gouge zone; heavily compacted gouge @ 30° to c.a. 11 S <sub>2</sub>
1	1314	101	1316	80	30	10	11C10	As 343.3-356.0, 357.0-359.5
1	1316	80	1317	165	31	11	11C10	Non-clotted, weakly andalusitic, non-carbonaceous variant
1	1317	165	1318	100	32	12	11C10	"Clotted" variant w/ no gtz veining
1	1318	100	1318	120	33	13	11C10	" " gouge and bria zone; top of internal 50°, 210° base 60°, 210°
1	1318	120	1319	165	34	14	11C10	"Clotted" variant w/ no gtz veining
1	1319	165	1319	185	35	15	11C10	" " bria and gouge zone adjacent to 000
1	1319	185	1319	195	31	16	01C10	Bull gtz & musc hypersolvus (?) peg. brecciating 1C10; no contact Xs possible
1	1319	195	1410	120	31	17	11C10	Brecciated & gouged "clotted" variant
1	1410	120	1410	135	31	18	01C10	Hypersolvus (?) musc. peg; no contact relations possible because of broken core
1	1410	135	1411	125	31	19	11C10	"Clotted" variant of transition zone schists
1	1411	125	1416	160	40	20	11C10	Normal QFBM Schist w/ minor zones of 1C6 (clotted variant) Note: From 281 to 412.5 no andalusite as dk. gray green porphyroblasts has been present. i.e. 1C6 may start @ 281.0
1	1416	160	1418	120	41	11	11C16	Clotted texture in andalusite poor schists
1	1418	120	1513	170	42	12	11C10	Normal gtz-felds. member showing minor "clotted" texture and minor gtz veining
1	1513	170	1513	180	43	13	11C10	Bria & gouge; top attitude indeterminate; bottom ≈ 70°, 210°
1	1513	180	1517	195	44	14	11C10	Very siliceous & muscovite rich, non-clotted light colored variant c.f. "siliceous" zones in 76X-12
1	1517	195	1518	100	45	15	11C10	Gouge zone; top 70° to c.a. @ 120°; base 60° to c.a. @ 150°

1C10

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
L	158	100	159	175	46		1010	Siliceous, muscovite-rich variant as 538.0-579.5 with minor thinly banded po-zpy up to 5% over 6"
L	159	175	160	100	47		11F18	Chloritic metabasite w/ med. red. br. bio interbands metabasite = act-ep-chlor-plag assemblage
L	160	100	161	25	48		1010	As 538.0-579.5, 580.0-597.5; unit from 538.0 to 612.5 c.f. siliceous banded, po-bearing schists in 76X-12
L	161	25	164	60	49		1010	Bxite and gouge zone; interval of schists as seen 538.0-612.5 bixiated in gouge matrix; no intrusive activity apparent; interval 618.5-622 not bixiated with several bands of near massive py 618.5-619.0; bixite and gouge zone may represent major fault zone truncating zone 3 SE of this DBH; may also be related to similar bixite & gouge zones seen in 75-10, 456-75-12, 75-11, 71-211 i.e. related to smokey gtz fields of 1/2 Anvil Batholith; zone 70° to c.a. along 250° @ top; base w 45° to c.a. along ~ 310°
L	164	60	166	80	50		1010	Typical "clotted" variant of schists on other side of major bixite/gouge zone
L	166	80	167	50	51		1010	Bixite & gouge in contact zone of smokey gtz fields porphyry; bixite zone 90° to c.a. @ 668.0, 80° to c.a. @ 675.0'
L	167	50	173	20	52		01F10	Typical smokey gtz fields w/ Kspar phenos up to 0.5" in length; some flow(?) banding @ 50° to c.a. from 693-732; contorted flow(?) banding 678-683 c.f. calcylitic "waxy" flow banding
L	173	20	173	77	53		01F9	Gouge and bixite zone in smokey gtz fields of gouge contains randomly oriented schist & frags ⇒ post-intrusion devel. of gouge; top of zone 45° to c.a., base 60° to c.a.
L	173	77	181	103	54		01F10	Smokey gtz fields.
L	181	103	181	180	55		01F9	Gouge and bixite zone in smokey gtz fields; 50° to c.a. @ top & bottom of interval; 1 slime zone 812-813

Fault

1CD

10F



Code	From		To		Feature	SYN	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
		18120		1895	CS14						
				1895		S			10	210	Close to light asymmetric similar F <sub>2</sub> folds S <sub>4</sub> =4 1/2
		1895		1920	CS14						
				1920		S			05	2110	" " " " " " " S <sub>4</sub> =5 1/4
		1920		1990	CS14						
				1990		S			25	2110	" " " " " " " S <sub>4</sub> =5 1/2
		1990		1040	CS14						
				1040		S			15	2110	" " " " " " " S <sub>4</sub> =4 1/4
		1040		1110	CS14						
				1110		S			10	2110	" " " " " " " S <sub>4</sub> =5 1/4
		1110		11170	CS14						
				11170		S			05	2110	S <sub>4</sub> =6 1/2
		11170		11400	CS14						
				11400		S			05	2110	S <sub>4</sub> =4 1/2
		11400		11450	CS14						
				11450	RS12Z						terminus of short Z limb S <sub>4</sub> =4 1/2
		11450		11540	CS14						
				11540		Z					start of short Z limb S <sub>4</sub> =5 1/2
		11540		11610	CS14						S region
				11610		S			30	2110	End of short Z limb S <sub>4</sub> =6 1/2
		11610		11650	CS14						
				11650		S					start of short Z limb S <sub>4</sub> =20 1/2
		11650		11680	CS14						S region
				11680		S			10	2110	terminus of short Z limb S <sub>4</sub> =60 1/4
		11680		11750	CS14						
				11750		S			10	2110	start of short Z limb S <sub>4</sub> =50 1/2
		11750		11840	CS14						S region
				11840		S			10	2110	terminus of short Z limb S <sub>4</sub> =60 1/2
		11840		11890	CS14						
				11890		S			10	2110	start of short Z limb S <sub>4</sub> =60 1/2
		11890		11910	CS14						S region
				11910		Z					terminus of short Z limb S <sub>4</sub> =5 1/2
		11910		12040	CS14						
				12040		Z			20	030	start of 2 short limb S <sub>4</sub> =7 1/2
		12040		12090	CS14						S region
				12090		S			4.5	20.0	terminus S <sub>4</sub> =7 1/2

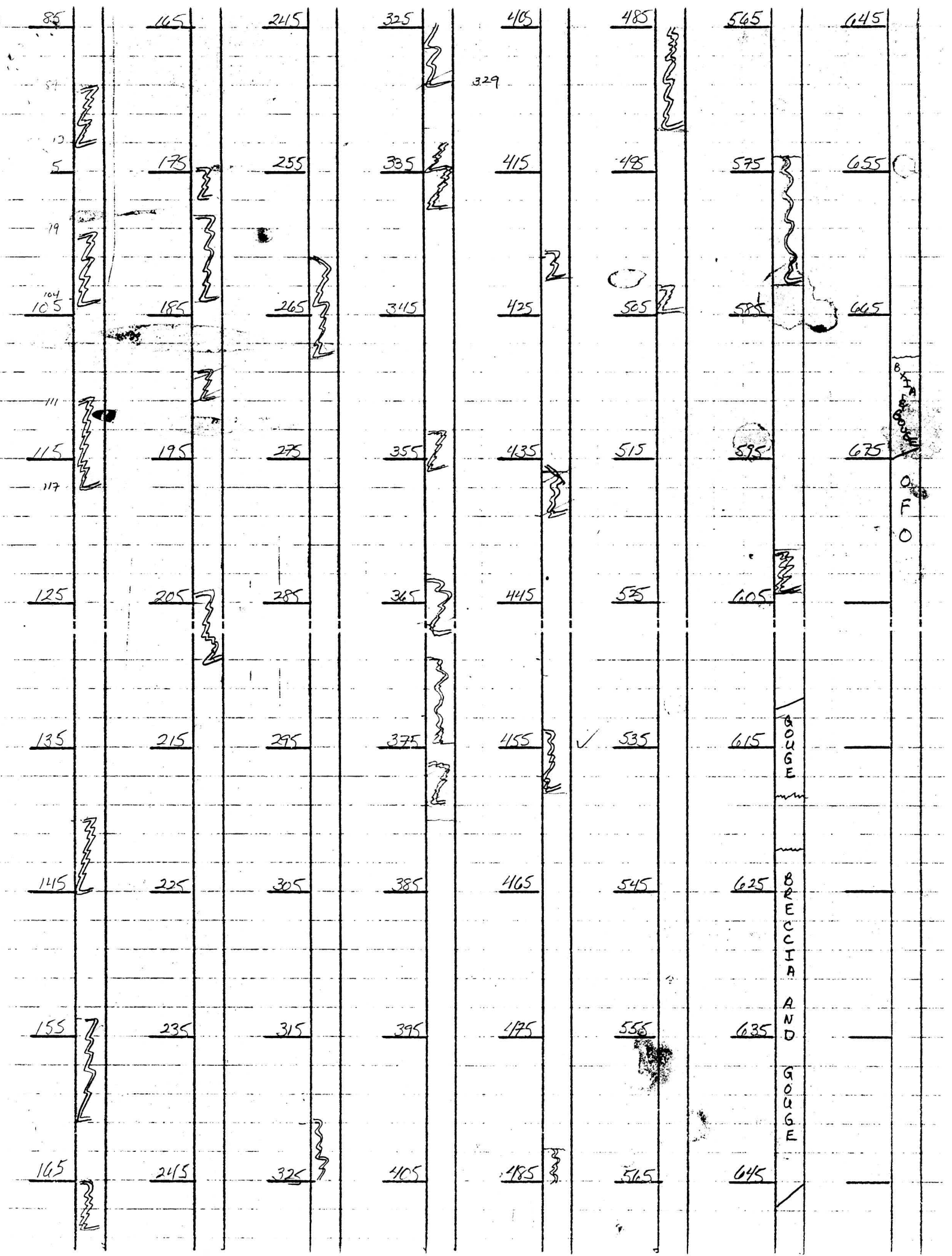


Code	From		To		Feature	S/M	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
S			4380	4390		S			05	2110	End Z short limb S <sub>4</sub> = 70/210
			4390	4540	C5H						
S			4540	4540		Z			45	0310	Start short limb S <sub>4</sub> = 60/210
			4540	4580	C5H						S region
S			4580	4580		Z			50	0310	End short limb S <sub>4</sub> = 60/210
			4580	4825	C5H						
			4825	4825							F <sub>1</sub> trend 120° plunge 5° NW relative to S <sub>4</sub> dip; F <sub>2</sub> trend 140° plunge 5° NW; measurements approx & ad- ative to S <sub>4</sub> attitude 1/2 antiformal
			4825	4830	C5H						
			4830	4830		Z					Start Z short limb S <sub>4</sub> = 75/210
			4830	4920	C5H						S region
S			4920	4920					25	0310	End Z short limb S <sub>4</sub> = 70/225
			4920	5030	C5H						
			5030	5030		Z					Start Z short limb S <sub>4</sub> = 60/210
			5030	5015	C5H						S region
			5015	5015		Z					End Z short limb S <sub>4</sub> = 70/210
			5015	5174	C5H						
			5174	5174		S			30	2110	Start Z short limb S <sub>4</sub> = 75/210
			5174	5183	C5H						S region
			5183	5183		Z			40	0310	End Z short limb S <sub>4</sub> = 70/210
			5183	5180							F <sub>1</sub> trend 120° plunge 5° NW; F <sub>2</sub> trend 120° plunge 5° NW approx co-axial F <sub>3</sub> antiformal S <sub>4</sub> = 60/210
			5183	16010	C5H						
S			16010	16010		S			30	2110	Start Z short limb S <sub>4</sub> = 75/210
			16010	16040	C5H						S region
S			16040	16040		S					End Z short limb S <sub>4</sub> = 75/210

Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.	Description
	10	14	16	20				
S	1812	0	1819	5	C/S14			
S			1819	5			10 2110	Close to light asymmetric similar F <sub>2</sub> folds S <sub>4</sub> =45/210
S	1819	5	1912	0	C/S14			
S			1912	0			015 2110	" " " " " " " " S <sub>4</sub> =50/210
S	1920		1990		C/S4			
S			1990				215 2110	" " " " " " " " S <sub>4</sub> =50/210
S	1990		1014	0	C/S14			
S			11014	0			115 2110	" " " " " " " " S <sub>4</sub> =45/210
S	1014	0	1111	0	C/S14			
S			1111	0			110 2110	" " " " " " " " S <sub>4</sub> =35/210
S	1111	0	1117	0	C/S14			
S			1117	0			015 2110	S <sub>4</sub> =60/210
S	1117	0	1140	0	C/S14			
S			1140	0			05 2110	S <sub>4</sub> =45/210
S	11410	0	11450		C/S4			
S			1145	0	R/S2Z			terminus of short Z limb S <sub>4</sub> =45/210
S	11415	0	1154	0	C/S14			
S			1154	0				start of short Z limb S <sub>4</sub> =55/210
S	1154	0	1161	0	C/S14			S region
S			1161	0			310 2110	End of short Z limb S <sub>4</sub> =60/210
S	1161	0	1165	0	C/S14			
S			1165	0				start of short Z limb S <sub>4</sub> =70/210
S	11615	0	1168	0	C/S14			S region
S			1168	0			110 2110	terminus of short Z limb S <sub>4</sub> =60/190
S	11618	0	1175	0	C/S14			
S			1175	0			110 2110	start of short Z limb S <sub>4</sub> =50/210
S	1175	0	1184	0	C/S14			S region
S			1184	0			110 2110	terminus of short Z limb S <sub>4</sub> =60/220
S	1184	0	1189	0	C/S14			
S			1189	0			110 2110	start of short Z limb S <sub>4</sub> =65/210
S	1189	0	1191	0	C/S14			S region
S			1191	0				terminus of short Z limb S <sub>4</sub> =50/210
S	1191	0	12014	0	C/S14			
S			12014	0			20 030	start of 2 short limb S <sub>4</sub> =70/210
S	12014		1209	0	C/S14			S region
S			1209	0			4.5 20.0	terminus S <sub>4</sub> =70/220

Code	From		To		Feature	E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
	1	2	3	4	5	6	7	8	9	10	
	1210	1210	1210	1210	C1514						
	1211	1211	1211	1211							Diabase dikes
S	1211	1211	1211	1211		S		210	2110		Start of Z short limb S <sub>4</sub> = 35/190
	1211	1211	1211	1211	C1514						S region
S	1211	1211	1211	1211		S					Terminus of Z short limb 45/210
	1211	1211	1211	1211	C1514						Some diabase - see lithologic log
S	1211	1211	1211	1211		S					Start of Z short limb 60/210
	1312	1312	1312	1312	C1514						S region
S	1312	1312	1312	1312		S					End of Z short limb 60/210
	1312	1312	1312	1312	C1514						
S	1313	1313	1313	1313		S		210	2110		Start Z short limb 70/230
	1313	1313	1313	1313	C1514						S region
S	1313	1313	1313	1313		S		310	2110		End Z short limb 55/210
	1313	1313	1313	1313	C1514						
S	1315	1315	1315	1315		Z					Start Z short limb 55/210
	1315	1315	1315	1315	C1514						S region
S	1315	1315	1315	1315		Z					End Z short limb 70/210
	1315	1315	1315	1315	C1514						
S	1316	1316	1316	1316		Z		310	0130		Start Z short limb 70/200
	1316	1316	1316	1316	C1514						S region
S	1316	1316	1316	1316		Z		410	0130		End Z short limb 60/200
	1316	1316	1316	1316	C1514						
S	1316	1316	1316	1316		S					Start Z short limb 60/210
	1316	1316	1316	1316	C1514						S region
S	1317	1317	1317	1317		S		015	2110		End Z short limb 70/210
	1317	1317	1317	1317	C1514						
S	1317	1317	1317	1317		Z					Start Z short limb 50/210
	1317	1317	1317	1317	C1514						S region
S	1317	1317	1317	1317		S					End Z short limb 80/210
	1317	1317	1317	1317	C1514						
S	1412	1412	1412	1412		Z		410	0130		Start Z short limb 60/225
	1412	1412	1412	1412	C1514						S region
S	1412	1412	1412	1412		Z		710	2110		End Z short limb 70/210
	1412	1412	1412	1412	C1514						
S	1413	1413	1413	1413		Z	310	0130	310	0130	Start Z short limb 80/210
	1413	1413	1413	1413	C1514						S region

Code	From		To		Feature	E S	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14 16	20	22 24 26 28			Dip	Direct.	Dip	Direct.	
S			1438 0			S	110	05	2110	End Z short limb	S <sub>4</sub> = 70/210
S	1438 0		1454 0	C5H							
S			1454 0		Z		130	45	0310	Start short limb	S <sub>4</sub> = 60/210
S	1454 0		1458 0	C5H						S region	
S			1458 0		Z		510	0310		End short limb	S <sub>4</sub> = 60/210
S	1458 0		1482 5	C5H							
S			1482 5							F <sub>1</sub> trend 120° plunge 5° NW relative to S <sub>4</sub> dip; F <sub>2</sub> trend 140° plunge 5° NW; measurements approx & relative to S <sub>4</sub> attitude F <sub>2</sub> antiformal	S <sub>4</sub> = 65/210
S			1482 5								
S	1482 5		1483 0	C5H							
S			1483 0		Z		75	110		Start Z short limb	S <sub>4</sub> = 75/210
S	1483 0		1492 0	C5H						S region	
S			1492 0					215	0310	End Z short limb	S <sub>4</sub> = 70/225
S	1492 0		1503 0	C5H							
S			1503 0		Z				110	Start Z short limb	S <sub>4</sub> = 60/210
S	1503 0		1509 5	C5H						S region	
S			1509 5		Z				110	End Z short limb	S <sub>4</sub> = 70/210
S	1509 5		1517 4 0	C5H							
S			1517 4 0		S			310	2110	Start Z short limb	S <sub>4</sub> = 75/210
S	1517 4 0		1518 3 0	C5H						S region	
S			1518 3 0		Z			410	0310	End Z short limb	S <sub>4</sub> = 70/210
S			1518 0 6							F <sub>1</sub> trend 120° plunge 5° NW; F <sub>2</sub> trend 120° plunge 5° NW approx co-axial F <sub>2</sub> antiformal	S <sub>4</sub> = 60/210
S			1518 0 6								
S	1518 3 0		1601 0	C5H							
S			1601 0		S			310	2110	Start Z short limb	S <sub>4</sub> = 75/210
S	1601 0		1604 0	C5H						S region	
S			1604 0		S					End Z short limb	S <sub>4</sub> = 75/210



85

145

215

325

405

485

565

645

84

329

10

175

255

335

415

495

575

655

5

79

185

265

345

425

505

585

665

104  
105

111

195

275

355

435

515

595

675

115

117

125

205

285

365

445

525

605

135

215

295

375

455

535

615

145

225

305

385

465

545

625

155

235

315

395

475

555

635

165

245

325

405

485

565

645

G  
O  
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G  
E

B  
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1489	157	165	173	181	189	197	205
0	158	164	174	182	190	198	206
151	159	167	175	183	191	199	207
152	160	168	176	184	192	200	208
153	161	169	177	185	193	201	209
154	162	170	178	186	194	202	210
155	163	171	179	187	195	203	211
156	164	172	180	188	196	204	212
157	165	173	181	189	197	205	213

G O S S E

R S T

S2S2

G O S S E

B R O K E N

G O S S E

B X I A + G O S S E

? F1  
N6!

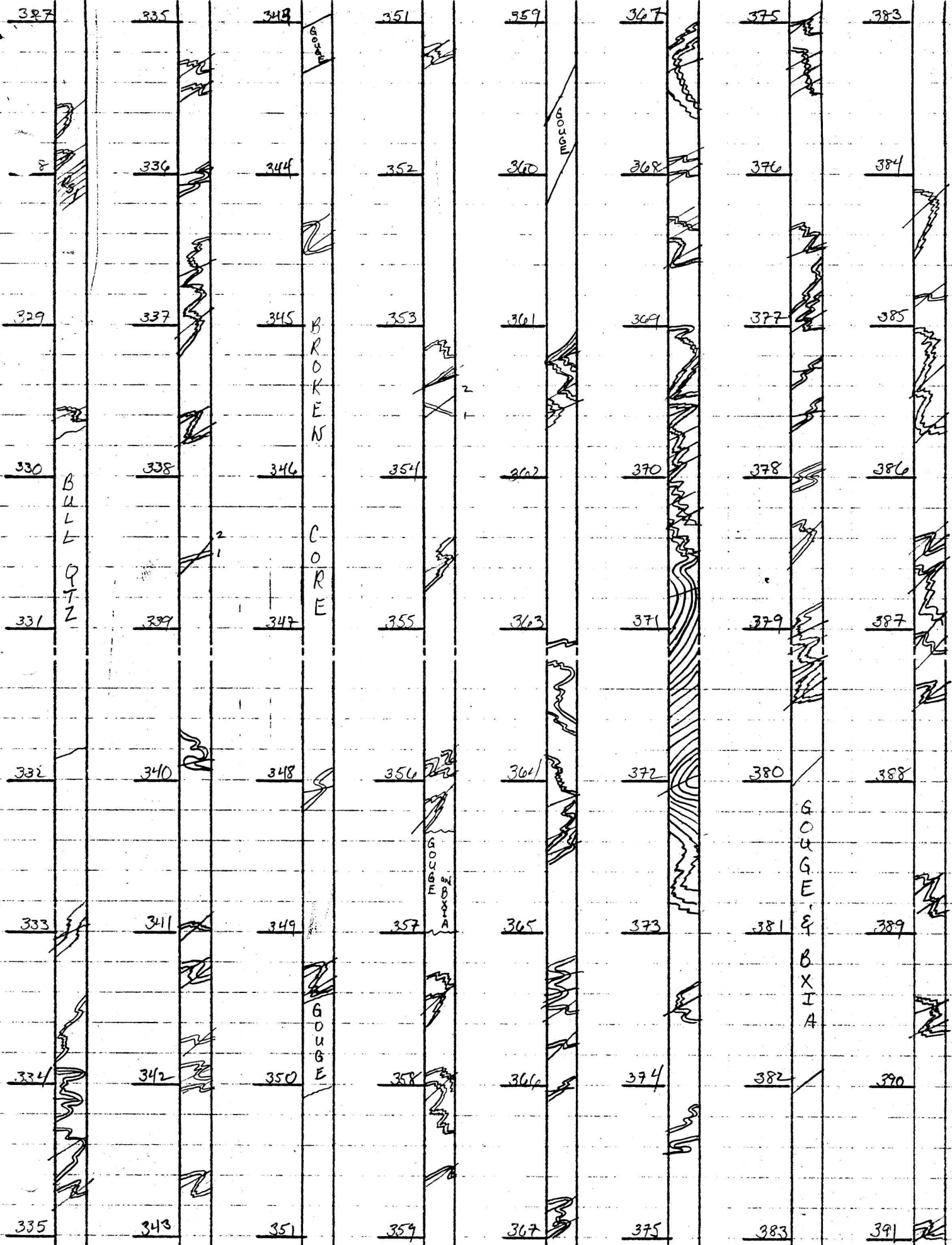
213	265	276	287	295	303	311	319
4	266	277	288	296	304	312	320
215	267	281	289	297	305	313	321
260	268	282	290	298	306	314	322
100	269	283	291	299	307	315	323
262	270	284	292	300	308	316	324
263	272	285	293 <small>F<sub>2</sub> Down S Dip</small>	301	309	317	325
264	273	286	294	302	310	318	326
265	276	287	295	303	311	319	327

DIORITE

BROKEN CORE

DIORITE

DIORITE



327	335	343	351	359	367	375	383
328	336	344	352	360	368	376	384
329	337	345	353	361	369	377	385
330	338	346	354	362	370	378	386
331	339	347	355	363	371	379	387
332	340	348	356	364	372	380	388
333	341	349	357	365	373	381	389
334	342	350	358	366	374	382	390
335	343	351	359	367	375	383	391

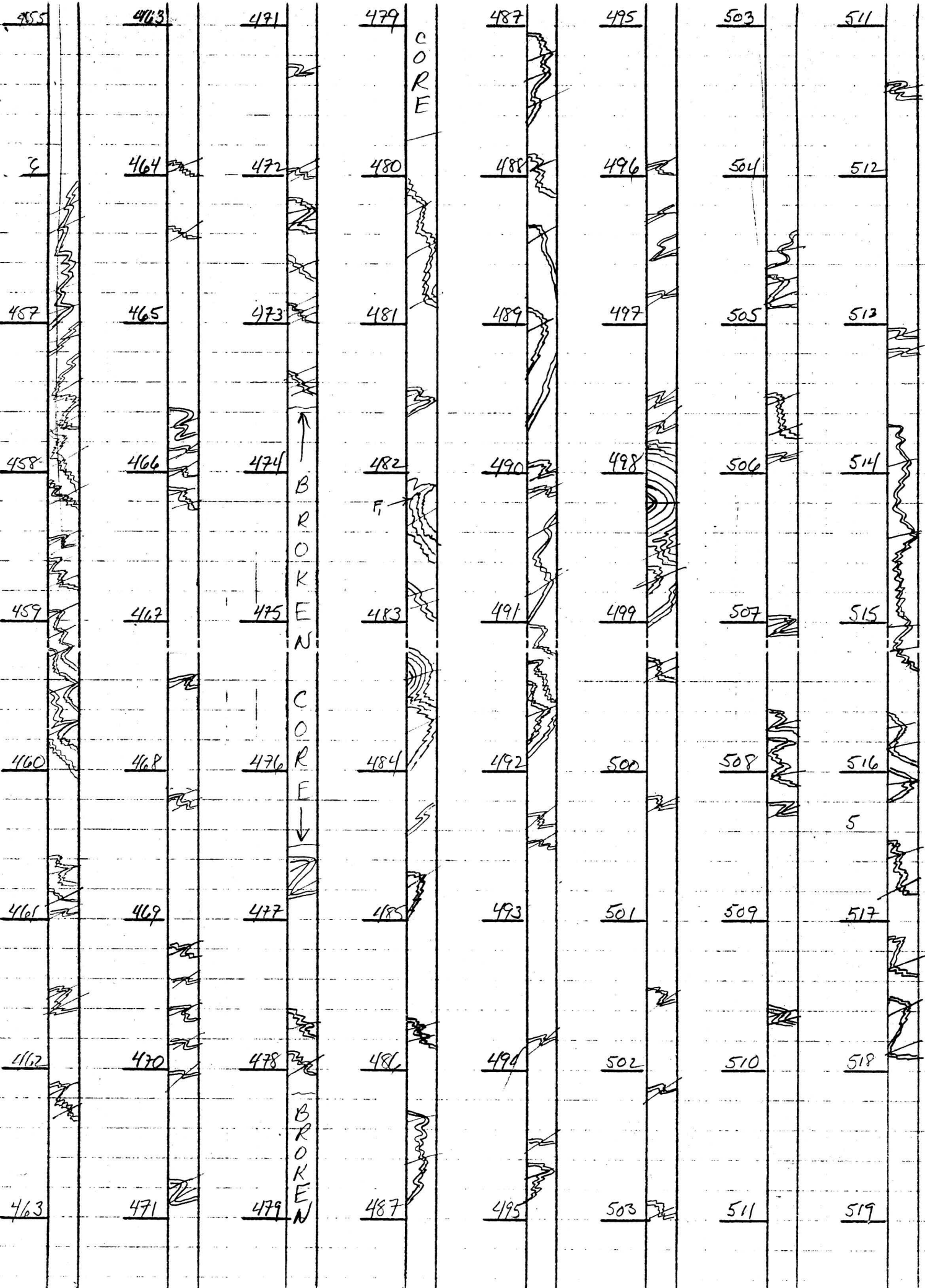
BULL  
QUARTZ

BROKEN  
CORE

GORGONIA

GOUGE  
&  
BOXIA



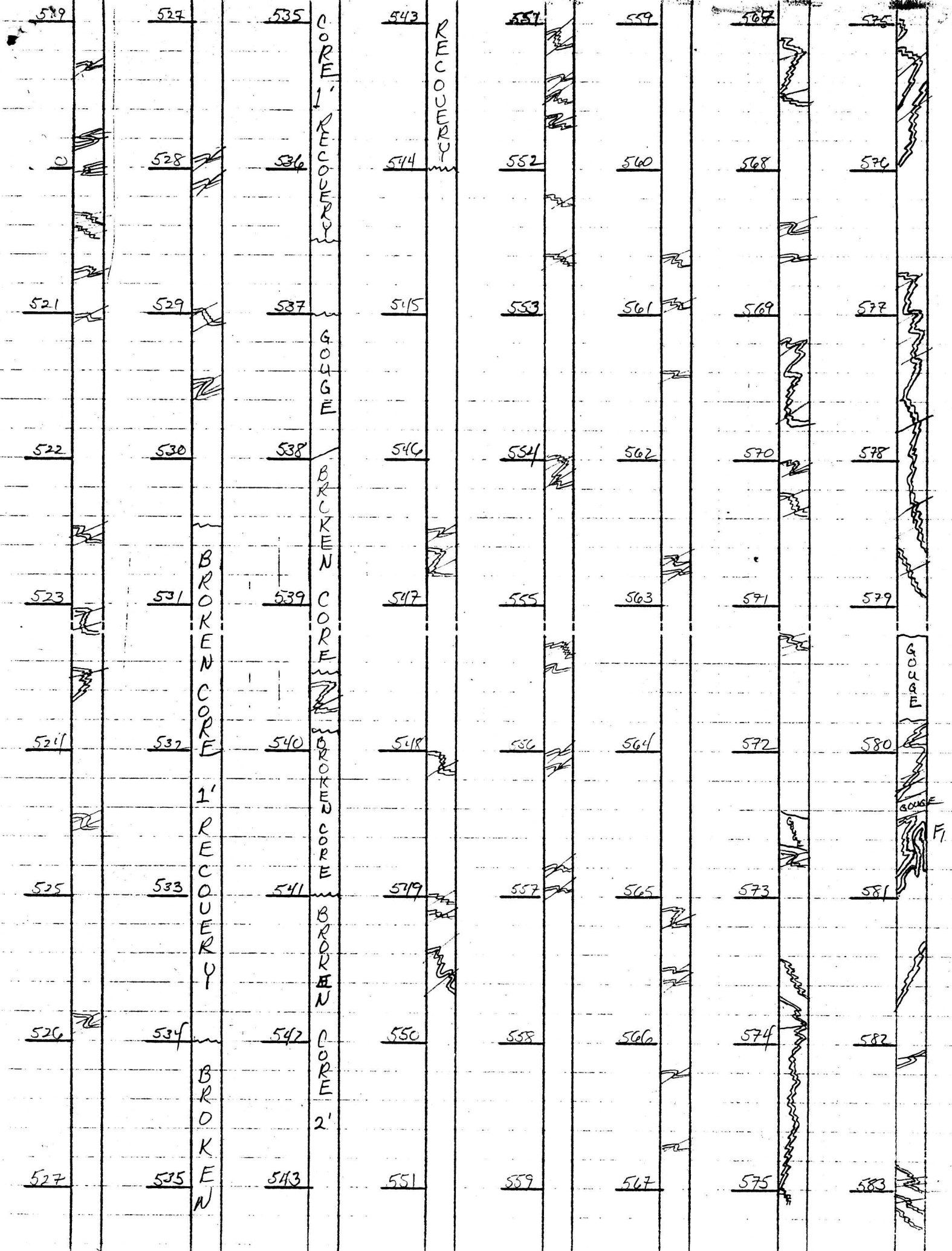


CORE

BROKEN CORE

F

BROKEN



519

527

535

CORE  
1'  
RECOVERY

543

RECOVERY

551

559

567

575

528

536

544

552

560

568

576

521

529

537

GOUGE

545

553

561

569

577

522

530

538

BROKEN  
CORE

546

554

562

570

578

523

531

BROKEN  
CORE

539

BROKEN  
CORE

547

555

563

571

579

524

532

1'  
RECOVERY

540

BROKEN  
CORE

548

556

564

572

580

GOUGE

525

533

541

BROKEN  
CORE

549

557

565

573

581

GOUGE

526

534

BROKEN  
CORE

542

CORE  
2'

550

558

566

574

582

527

535

543

551

559

567

575

583

583	591	600	608	616	647	655	663
4	592	601	609	617	648	656	664
585	593	602	610	618	649	657	665
586	594	603	611	619	650	658	665
587	595	604	612	620	651	659	666
588	596	605	613	621	652	660	667
589	597	606	614	622	653	661	668
590	598	607	615	626	654	662	675
591	599	608	616	627	655	663	

2.5' RECOVERED

BROKEN CORE

0.5' RECOVERED

BROKEN CORE

0.3' RECOVERED

GOUGE AND BRECCIA ZONE

STRATIFIES

BRECCIA AND GOUGE

GOUGE AND BRECCIA

Clotted IDG ↓

AMOUNTS TO 100%

FILE

DDH 7.6.X.09  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)Page 10 of 12  
Logged By: \_\_\_\_\_  
Sampled By: CXT

Code	From	To	Sample No.	Description
P	10 14	16 20	22 27	
P	1170	1170	103351	
P	1170	1270	103352	
P	1270	1370	103353	
P	1370	1470	103354	
P	1470	1570	103355	
P	1570	1670	103356	
P	1670	1770	103357	
P	1770	1820	103358	
P	1820	1857	103359	
P	1857	1900	103360	
P	1900	11010	103361	
P	11010	11100	103362	
P	11100	11200	103363	
P	11200	11300	103364	
P	11300	11400	103365	
P	11400	11485	103366	
P	11485	11585	103367	
P	11585	11697	103368	
P	11697	11810	103369	
P	11810	11910	103370	
P	11910	12100	103371	
P	12100	12110	103372	
P	12110	121145	103373	
P	121145	122145	103374	
P	122145	123145	103375	
P	123145	124145	103376	
P	124145	125145	103377	
P	125145	126105	103378	
P	126105	126109	103379	
P	126115	127100	103380	
P	127100	127200	103381	
P	127200	127300	103382	
P	127300	127600	103383	
P	127600	127700	103384	
P	127700	128100	103385	
P	128100	129000	103386	

DDH 76.X.09  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)Page 11 of 12  
Logged By: \_\_\_\_\_  
Sampled By: CXT

Code	From		To		Sample No.		Description
	10	14	16	20	22	27	
P	12910	0	12918	0	101313817		
P	12919	5	131018	0	101313818		
P	131018	0	13118	0	101313819		
P	13118	0	13128	0	101313910		
P	13128	0	13138	0	101313911		
P	13138	0	13148	0	101313912		
P	13148	0	13158	0	101313913		
P	13158	0	13168	0	101313914		
P	13168	0	13176	5	101313915		
P	13176	5	13186	5	101313916		
P	13186	5	13198	5	101313917		
P	13199	5	14102	0	101313918		
P	14103	5	14112	5	101313919		
P	14112	5	14122	5	1013141010		
P	14122	5	14132	5	1013151011		
P	14132	5	14142	5	1013151012		
P	14142	5	14154	0	1013151013		
P	14154	0	14166	0	1013151014		
P	14166	0	14175	0	1013151015		
P	14175	0	14182	0	1013151016		
P	14182	0	14192	0	1013151017		
P	14192	0	15102	0	1013151018		
P	15102	0	15112	0	1013151019		
P	15112	0	15122	0	1013151110		
P	15122	0	15132	0	1013151111		
P	15132	0	15138	0	1013151112		
P	15138	0	15148	0	1013151113		
P	15148	0	15158	0	1013151114		
P	15158	0	15169	0	1013151115		
P	15169	0	15180	0	1013151116		
P	15180	0	15189	0	1013151117		
P	15189	0	15197	5	1013151118		
P	15197	5	16100	0	1013151119		
P	16100	0	16112	5	1013151210		
P	16112	5	16121	0	1013151211		
P	16121	0	16131	0	1013151212		



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76X-10

Fabric Orientation Diagram:

Project: Anvil

Location: Open Pit Sects 28/118

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

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

\_\_\_\_\_ E

Grid (Mine) Co-ords.: N 9,795

E 14,990

Elevation: 4037 3931  
(Mine-ground) (MSL)

Total Depth: 637'

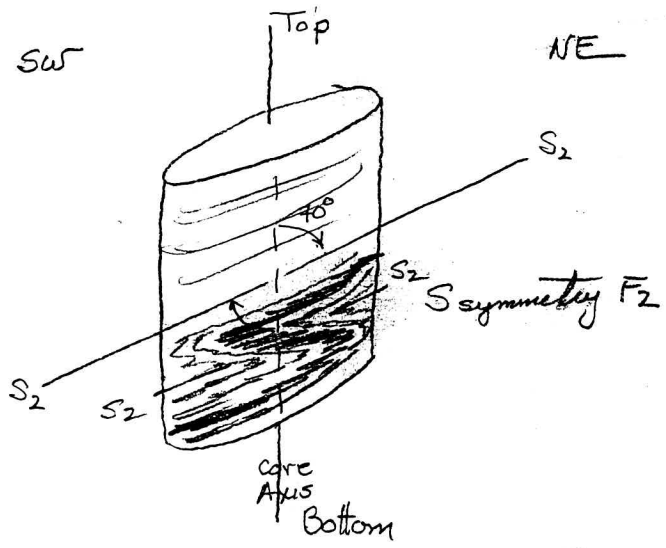
Purpose: Marginal analysis, form of orebody, symmetry NE end Section 11.

Logged by: D.S. Jennings

Date(s) Logged: 11 June - June, 1976

Drilling Contractor: Arctic Diamond Drilling

Core:	Size	From	To	Collar Cased and Capped:
	<u>BQ</u>	<u>11</u>	<u>637</u>	<u>No</u>
	_____	_____	_____	
	_____	_____	_____	



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210°.

Started: 8:00 A.M., 9, June Completed: 11:30 A.M., 13, June



DDH 76 x 10  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

Page 3 of 8  
Logged By: [Signature]

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
		100		110			1	O/B, hole cased 0-11'
		110		1270			2	01010 Rubbly core, 3' recovered over 16' = 19% recovery
		1270		1640			3	01019 Diomite heavily kaolinized, fault gouge w/ moderately altered fragments in kaolinized gouge; poor recovery over interval; approx 20' recovered over 37' = 54%
		1640		1715			4	11014 Typical WME w/ sulfides (marcasite-pyrite) bands and blebs; question of whether this "bleaching" due to ore zone or diomite; poor recovery in unit 4' rec. over 7.5' = 53%; diomite above concordant w/ S <sub>2</sub> @ 64.0' → diomite ≡ sill; note sulfides dominantly foliaform (S <sub>2</sub> ) bands not amoeboid blebs, also minor bio "clots"
		1715		11300			5	11010 Transition zone; weak Al, Si, O <sub>5</sub> devel, dk br kins & QF banding; unit in position (strat.) of 100
		11300		11305			6	01058 Hb-bio diomite like; upper contact ± 150° Δ 30SW lower contact foliaform to S <sub>2</sub> where S <sub>2</sub> 55, 210
		11305		11480			7	11010 As 71.5-130
		11480		11735			8	11016 Clotted variant of schist unit 100/100 transitional to 104; more visible andalusite than 71.5-148.0; musc abundance increases towards 104, bio clots decrease; some reaction going on here between normal schists (71.5-148) and 104 which starts @ 173.5
		11735		12095			9	11014 Typical WME w/ sulfides (marc.) blebs & stungers minor gas & pink, irreg. andalusite porphyroblasts
		12095		121115			10	21010 Lt. gray, musc.-bearing, PbS/ZnS minor marc. bearing quartzite; est 1% combined
		121115		121190			11	11014 WME as 64-71.5; 1735-209.5; 1-15% total sulfides as blebs & stungers w/ py ± PbS
		121190		121225			12	21010 As 209-211.5 w/ 104 interbands; est 1-2% combined
		121225		121228			13	11014
		121228		12240			14	11014 Fault gouge: post D <sub>2</sub> in age w/ ± 165 Δ 80°SW
		12240		12470			15	11014 Typical WME w/ minor base metal sulfides & bull gty "sweats"

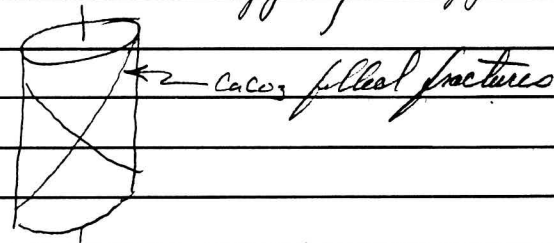
IDE

100 altered w/ sulfide stringers + pyrite bands

IDE

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
	12147.0	12912.0		116	OE19	Completely kaolinized porphyritic (plag-bio) diorite; ink white, showing relict phenocrysts; alteration gradational to "fresh" @ 292
	12912.0	12915.5		117	OE17	Fresh plag-bio diorite $\phi$ Contact chlorite w/ S <sub>2</sub> @ 70° to c.a. w/ 210° az
	12915.5	12917.5		118	OE19	As 2470-292.0; diorite foliaform w/ S <sub>2</sub> w/ contact @ 80° to c.a. w/ dip azimuth = 250°
	12917.5	13101.0		119	1D14	Garnetiferous variant, minor amorphous FeS <sub>2</sub> and siliceous bands
	13101.0	13101.5		210	OE19	White, aphanitic, diorite w/ 2% marcasite polyhedral "phenos" uniformly diss. in rock
	13101.5	13102.0		211	1D14	Fault gouge; no alteration possible as core rubble & ground.
	13102.0	13108.5		212	2D14	Contains v. minor 2A0 and is slightly pyritic but dominantly 2D4; cont 4-6% comb.; internal brecciated (post D <sub>1</sub> or D <sub>2</sub> )
	13108.5	13109.0		213	1D14	Fault gouge @ 90° to c.a. top & base of interval
	13109.0	13109.3		214	2C14	Pyritic gneiss w/ minor PbS/ZnS
	13109.3	13141.5		216	OE19	As 247.0-292.0 w/ definite PbS/ZnS bearing stringers; kaolinization of diorite probably related to "sulfuration" reactions between diorite melt & stopped-in sulfide xenoliths
	1341.5	14123.5		217	OE17	Interval variably kaolinized but dominantly fresh; code should be OE7/OE9; many CaCO <sub>3</sub> filled fractures @ 40° to c.a. dipping in opposite directions
	14123.5	14128.0		218	1C1D	1C0 breccia healed by 1C0 fault gouge; sub-angular to round schist and v. minor diorite frags. in clayey matrix of schist fault gouge; gouge/breccia zone @ 50° to c.a. @ top & bottom of interval
	14128.0	14158.5		219	OE17	As 341.2-423.5; partially fresh, partially altered diorite; contact 40° to c.a. @ ~ 210° i.e. discordant

10E  
Internal interval  
gouge  
suphides



1C0  
breccia

10E

Lithologic Log

Logged By: [Signature]

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
	14518.5		14618.0		310	1C10		Clotted variant of schist (possible K alteration zone NE of & below deposit; dk purplish brown "amoeboid" bio clots in musc schist matrix)
	14618.0		14813.0		311	1D14		"Bleached" WME w/ 1-15% total sulfides dominantly $FeS_2$ (marcasite?) w/ some suspected base metal sulfides; <del>probably</del> @ 4825-4830 magnetite = 28%; interval may represent $F_2$ ? infold of steeply overturned NE limb of ore zone
	14813.0		14819.0		312	1C16		Clotted variant of QFBMS; prominent bio "clots" & dk pink pyroclastic gas porphs. over interval; prominent $FeS_2$ (marcasite) banding defining $S_0$ // $S_1$ (?)
	14819.0		14910.0		313	1C16		Gouge zone in 1C16; zone $60^\circ$ to c.a. @ 210 $\approx$ // $S_2 = S_1$ @ 489'; zone @ $50^\circ$ c.a. @ 270 dip orient to $S_1$ // $S_2$
	14910.0		15141.0		314	1C16		Clotted variant of QFBMS as 4830-4890; bio clots appear as "rootless" fold hinges of more competent $S_1$ banding in musc schist (possible K alteration zone) produced during $D_2$
	15141.0		15141.0		316	1C16		Gouge zone in 1C16; zone $35^\circ$ to c.a. w/ az $30^\circ$ @ 540.0; attitude of contact @ 541.0 uncertain
	15141.0		15142.5		317	1C16		As 490.0-540.0
	15142.5		15143.0		318	0E17		Diorite dike @ $60^\circ$ SW to c.a. @ both contacts; since dike cuts $S_1$ @ $\delta$ to poorly devel. $S_2$ , exact orientation difficult
	15143.0		15169.5		319	1C16		As 483.0-489.0, 490.0-540.0
	15169.5		15170.5		410	1C16		Gouge zone in 1C16; zone $30^\circ$ to c.a. w/ $210^\circ$ az @ 569.5, end of interval broken, no reliable attitude
	15170.5		15172.0		411	1C16		As 483.0-489.0; 490.0-540.0; 543.0-569.5
	15172.0		15174.0		412			Gouge zone in 1C16; gouge @ $60^\circ$ to c.a., $\approx 210^\circ$ dip azimuth @ top & bottom of interval
	15174.0		15198.0		413	1C16		As previous intervals
	15198.0		15199.0		414	1C16		Gouge zone in 1C16; best guess is gouge zone $50^\circ$ to c.a. @ 210 - suspect

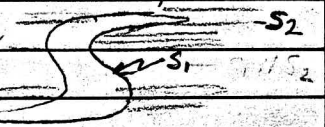
1C10

( )



Code	From		To		Feature	E S <sub>1</sub>	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
	104		173		CS4				60	210	S <sub>4</sub> = 60/210
			173		Z						= 60/210
			174		Z	60	116.5	610	2110		= 50/255
	174		179		CS4						
			179		Z						= 60/210
	179		183.5		CS4						
			183.5		Z						= 50/210
	183.5		11010		CS4						
			11010		Z						
	11010		11120		RS2						S <sub>4</sub> = 60/210
			11120		CS4 Z						S <sub>4</sub> = 40/210
	11120		11145		RS2						
			11145		CS4 Z				55	2110	S <sub>4</sub> = 55/210
	11145		11155		RS2						
			11155		CS4 Z						S <sub>4</sub> = 45/210
	11155		11120		RS2						
			11120		CS4 Z						S <sub>4</sub> = 65/210
	11120		11330		RS2						
			11330		CS4 Z				610	2110	S <sub>4</sub> = 60/210
	11330		11416.5		RS2						
			11416.5		CS4 Z	65	2110	65	2110		S <sub>4</sub> = 65/210
	11416.5		11505		RS2						F <sub>2</sub> axis down S <sub>2</sub> dip asymmetry
			11713.5		RS2						" " " " " " @ 173.5
	11713.5		11875		RS2						
			11875		CS4 Z				65	2110	Z; close to tight, similar, asymmetric F <sub>2</sub>
	11875		11990		RS2						S <sub>4</sub> = 65/210
			11990		F <sub>2</sub> S						S symmetry (as viewed NW), g <sub>2</sub> vein on 104 schist; F <sub>2</sub> = rootless, similar asymmetric isoclinal
											S <sub>4</sub> = 70/210
	11990		12015.5		RS2	65	2110	65	2110		
			12015.5		CS4 Z						S <sub>4</sub> = 70/210
	12015.5		12075		RS2						
			12075		CS4 Z						S <sub>4</sub> = 65/210
	12075		12095		F <sub>2</sub> Z						Z symmetry, similar, asymmetric F <sub>2</sub> in brittle
											dot

All F<sub>4</sub> folds close to tight w/ 30-40° interlimb angle; all F<sub>4</sub> folds similar, asymmetric

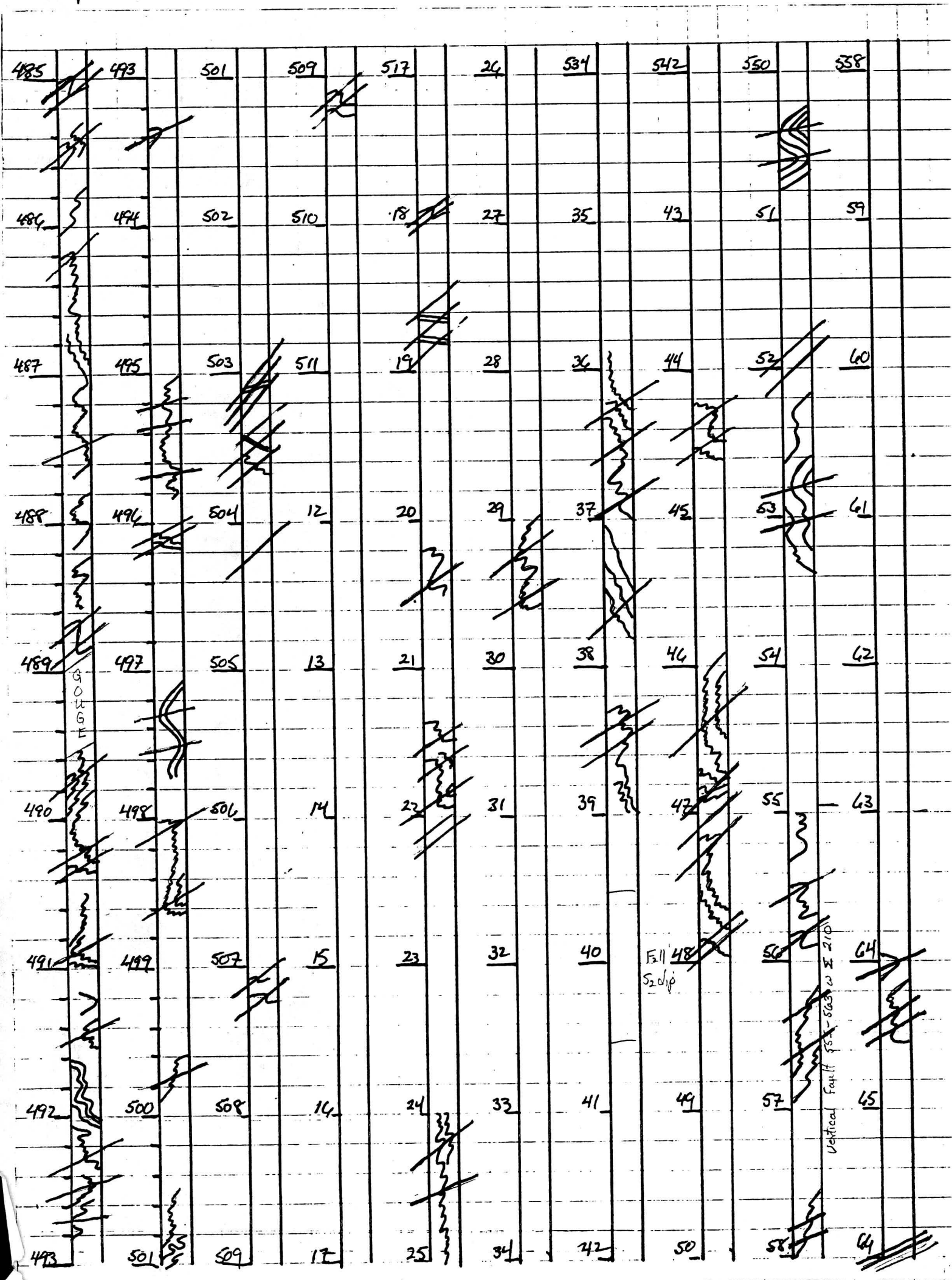


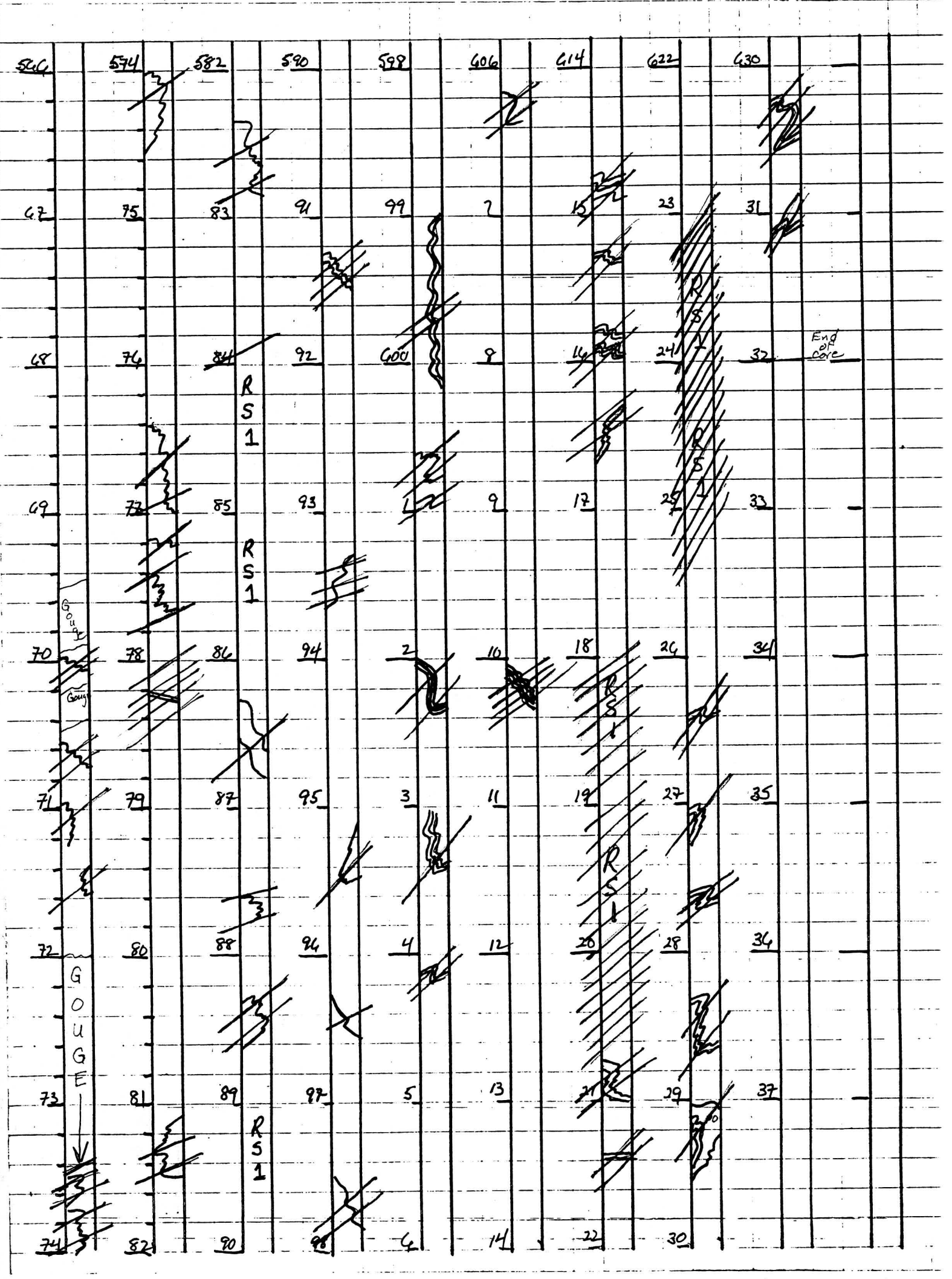
Code	From		To		Feature	E <sub>2</sub>	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			22	24	26	28		32
S	1207	5	1213	0	RS2							
S			1213	0	F2	Σ						Σ symmetry, asymmetric, similar, isoclinal
S	1213	0	1214	0	RS2							F <sub>2</sub> fold $\equiv$ in gtz vein in 104
S			1216	0	CS4	Z	70	210	70	210		S <sub>4</sub> = 60/210
S	1216	0	1222	8	W1							Attitude: Σ 165 Δ 80°SW
S	1222	8	1225	0	RS2							
S			1225	0	CS4	Z	75	210	75	210		F <sub>4</sub> , similar, asymmetric, close to tight
S	1225	0	1237	0	RS2							S <sub>4</sub> = 70/210
S			1237	0	CS4	Z						" " " " " " " " close S <sub>4</sub> = 50/210
S	1237		1246	5	RS2							Dike 246.5 - 247.0
S	1246		1249	7	RS2							
S	1249	7	1301	0	RS2							Dike 301.0 - 301.5
S	1301	5	1302	0	W1							Attitude - not possible, bubbly core
S	1302	0	1305	0	CS4							Poorly banded 204
S			1305	0	F4	3						Close, similar, F <sub>4</sub> hinge of M(3)
S	1305	0	1308	5	CS4							symmetry S <sub>4</sub> = 85/210
S	1308	5	1309	0	W1							Attitude: 90° to c.a. @ top & bottom
S	1309	0	1309	3	CS4							
S	1309	3	1458	5								Droute Dike
S	1458	5	1464	0	RS2							S <sub>4</sub> = 50/210
S			1464	0	CS4	Z						Z symmetry, asymmetric, similar, tight F <sub>4</sub>
S	1464	0	1480	5	RS2							S <sub>4</sub> = 65/210
S			1480	5	CS4	Z						" " " " " " " "
S	1480	5	1484	5	RS2							S <sub>4</sub> = 40/210
S			1484	5	CS4	Z						" " " " " " " " S <sub>4</sub> = 80/210
S	1484	5	1488	5	CS4	3						S <sub>2</sub> subvert. three intervals; S <sub>4</sub> 70°-90° to c.a.
S			1488	5	CS4	Z						S <sub>4</sub> = 40/210
S	1488	5	1489	0	RS2							
S	1489	0	1490	0	W1							

# Graphic Structural Log

DDH 76X-10

485' - 632'





CYPRUS ANVIL MINING CORPORATION

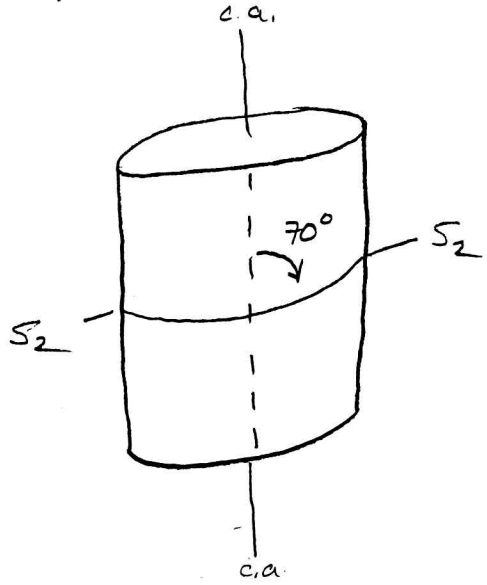
DIAMOND DRILL CORE LOG

Hole Number: 76 X-14

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 118



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

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

\_\_\_\_\_ E

Grid Co-ords.: 9,870.26 N  
(Mine)

15,107.46 E

Elevation: 4,076.04 3966  
(Mine) (MSL)

All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210°.

Total Depth: 829'

Purpose: Test NE extension of outcrop on 118

Logged by: [Signature] Date(s) Logged: \_\_\_\_\_

Drilling Contractor: ADD Core: Size From To Collar Cased and Capped: \_\_\_\_\_

BQ 0 EOH

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



2.4

Code	From	To	Unit	Code	Description
	10 14 16 20	22 23 25 27			
L	100	108	11	#	Overburden
L	108	110	12	1C1D	Unit closest to transition zone; non-carbonaceous, thinly banded, moderately to weakly and. bearing
L	110	112	13	1D14	Unit close to white mica envelope lith. w/ minor (~5%) bio-and. clots & characteristic marc. stungus/blebs
L	112	112	14	1C1D	→ 1D4; marc.-rich non-carb. bio-musc.-and. schist transitional to 1D4
L	112	114	15	1D14	as 109.5-122.0 w/ minor (<2%) bio-and. "clots" & typical marc. stungus/bands/blebs
L	114	115	16	1C1D	→ 1D4 as 122.0-128.0
L	115	115	17	1C1D	→ 1D4 brecciated & gouged; interval ≡ fault zone; top of fault zone N. S <sub>2</sub> ≡ 50°, 210°; base N. S <sub>2</sub> ≡ 45°, 210°
L	115	118	18	1D4	as 101.5-112.0, 128.0-145.5
L	118	119	19	1C6	bio-and. clotted musc >> bio, non carb, weakly andalusite bearing schist; clots = bio + pink and?
L	119	120	110	1C14	gouge & breccia; 20°, 210° @ top & bottom of gouge zone
L	120	125	111	1C16	→ 1C15; interbanded clotted ≡ banded trans. zone
L	125	125	112	QAG	reddish brown "quick quenched" diorite w/ plagioclase only 60°, 210° top; 50°, 210° bottom
L	125	126	113	1C16	good "clotted" schist; no coherent banding
L	126	129	114	1C16	→ 1C15; as 200.0-253.9; interbanded clotted and banded transition zone lith
L	129	130	115	1C16	→ 1C15 gouge 65°, 210° top and bottom of gouge zone
L	130	130	116	1C16	→ 1C15
L	130	130	117	1C16	→ 1C15 gouge zone; 75°, 210° @ top of zone; base indeterminate
L	130	130	118	1C16	→ 1C15
L	130	130	119	1C16	→ 1C15 gouge zone; 35°, 210° (approx)
L	130	131	210	1C1D	5 → 1C6; ⇒ 1C (gtyo-feld. schist)
L	131	132	211	QD8	gouge & breccia; 50°, 210° @ top & base of gouge zone; unusual occurrence of druse gouge w/ sub-rounded diorite frags. bounded by schists
L	132	132	212	1C15	typical thinly banded gtyo-felds schist
L	132	132	213	1D14	w/ 1-3% py + cp. blebs & stungus
L	132	132	214	1C10	→ 1C5
L	132	132	215	1C16	→ 1D6 indistinguishable; 320.0 → 325.4 looks like 1C

127.7

143.3

Code	From	To	Unit	Code	Description			
1	10	14	16	20	22 23	25	27	
L	13145	13146	0	24	1C16	w/ 2-1" bands sub-mass (70%) py    S <sub>1</sub> ,    S <sub>2</sub>		
L	13160	13185	0	27	1C16	→ 1C5 interbanded "clotted" & banded		
L	13185	13189	0	28	01E18	gouge & breccia; as 319.0-320.0; gouge must synchronously w/ cooling i.e. dilation → intrusion → faulting		
L	13189	13199	0	29	1C16	clotted		
L	13199	14012	0	30	1C15	→ 1C0; banded or normal. 1C		
L	14012	14119	0	31	1C16	→ 1C5 interbanded		
L	14119	14425	0	32	01E18	v. finely kinked hb. bio. diorite sill?; upper contact 70° dip direction relative to S <sub>2</sub> uncertain; best guess "    S <sub>2</sub> = 70°/210°		
L	14425	14450	0	33	01E18	gouge & breccia; 30° to ca. top & bottom		
L	14450	14770	0	34	01E18	lower contact unobly, good attitude → S <sub>2</sub> impossible, gouge @ base of diorite grossly    S <sub>2</sub> ; so best bet is diorite = sill w/ top & bottom 70°, 210°		
L	14770	14910	0	35	1C16			
L	14910	14917	0	36	1C16	as 470.0-490.5 w/ 5% banded, stringer & amorphous marc > po > cp		
L	14917	14970	0	38	1C16			
L	14970	15010	0	39	1C14	minor bio-and. clots + amorphous pyrite/marcantite		
L	15010	15017	0	40	1C14	gouge & breccia; top 30°, 210°; base 50° ≈ 210°		
L	15017	15043	0	41	1C16	clotted QFBMS		
L	15043	15280	0	42	1C15	banded "		
L	15280	15305	0	43	1C16	clotted "		
L	15305	15319	0	44	1C15	banded "		
L	15319	15516	0	45	1C16	clotted "		
L	15516	15519	0	46	1C15	banded "		
L	15519	15610	0	47	1C15	" " ; breccia & gouge; top 70°, 210 base indet		
L	15610	15613	0	48	1C15	" " ; " " " ; top 10° uncertain dip		
L	15613	15647	0	49	1C15	" " ; " " " ; top 10° uncertain dip		
L	15647	15713	0	50	1C15	base of gouge indeterminate attitude		
L	15713	15713	0	51	1C15	→ 1C0; N.B. all banded QFBMS (1C5) = normal QFBMS		
L	15713	15713	0	51	1C15	breccia & gouge; 60°, 210° top & base of gouge.		
L	15713	15718	0	52	1C15	banded		
L	15718	15719	0	53	1C16	clotted; sample showing "bondage" of D <sub>2</sub> banding		
L	15719	15815	0	54	1C15	" to produce "clots"		
L	15815	15817	0	55	1C16	clotted		
L	15817	16015	0	56	1C15	banded; Note: "clotted" texture in schists is		

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
								most probably due to thickness of D <sub>1</sub> compositional banding (and competency) ductility contrast between S <sub>0</sub>    S <sub>1</sub> ≡ RSI banding) controlling $\lambda$ of D <sub>2</sub> folding. Where D <sub>1</sub> laminations thin, get small $\lambda$ tight to isoclinal F <sub>2</sub> folds w/ no "failure" (brittle failure or boudinage) in S <sub>1</sub>    S <sub>0</sub> . Where D <sub>1</sub> laminations / bands thick (0.3 - 1.0"), get buckle folding + boudinage of D <sub>1</sub> banding giving rise to "clots". Therefore, clotted texture is a function of org. (S <sub>0</sub> ) banding thickness & ductility contrast during D <sub>2</sub> and in no way represents K/S <sub>1</sub> alt. zone or facies
L	1601	5	1603	5	516		1C16	clotted
L	1603	5	1614	5	517		1C15	banded
L	1614	5	1682	7	518		1C16	clotted
L	1682	7	1687	70	519		1C14	bleached w/ minor mass & bio clots
L	1687	0	1688	0	610		0C10	pegmatite, hypersolus, musc, white; top contact indeterminate; base 80°, 210°
L	1688	0	1702	3	611		1C16	clotted
L	1702	3	1704	0	612		1C14	
L	1704	0	1707	3	613		0E9	→ OF9 intrusive in gorge/kepa zone; intrusive, centrally located; top 40° & 210°, base 50°, 210° foliaform "Sill" wrt S <sub>2</sub>
L	1707	3	1713	7	614		1C14	siliceous, amoeboid mass, siliceous, white
L	1713	7	1724	6	615		1C15	banded, 1C51 siliceous w/ 2% py stringers & amoeboid globes
L	1724	6	1781	7	616		1C1F	interbanded 1C5 and 1F8 (Grotic, chlor, clinamph) in 1"-3' bands; white musc peg. sills @ 760-761 and 780.3 - 781.7
L	1781	7	1788	6	617		1C15	minor 1C6
L	1788	6	1802	8	618		1C1F	as 724.6 - 781.7
L	1802	8	1811	0	619		0C15	1 folds - gar-schistite peg. showing irreg. post D <sub>2</sub> contacts; top 30° ~ 210° base 50°, 210° → discordant post-D <sub>2</sub> like
L	1811	0	1829	0	710		1C5	→ 1C51 as in interval 724.6 - 781.7 cf. 1A1

252.7

Code	From		To		Feature	S/N	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			Dip	Direct.	Dip	Direct.	
			13	20	F4 Z			60	210		S <sub>4</sub> = 55/210
			16	20	F4 Z						= 50/210
			21	20	S4						= 40/210
			31	20	F4 Z			65	01310		= 45/210
			38	20	F4 Z			70	2110		= 40/210
			44	20	F4 Z			70	2110		= 60/210
			52	20	F4 Z						= 40/210
			58	20							F <sub>4</sub> axes down S <sub>4</sub> dip plunge 210°, 50° S <sub>2</sub> (40° to c.a.)
			60	20	F4 Z						S <sub>4</sub> = 60/210
			67	20	F4 S			30	210		S <sub>4</sub> = 70/210
			75	20	F4 Z			80	2110		= 60/210
			81	20	F4 Z			90	0010	S <sub>2</sub> horiz.	= 70/210
			83	20	F4 Z						= 40/210
			89	20	F4 S						= 60/210
			96	20	F4 Z						= 50/210
			122	20	F4 Z			60	2110		= 50/210
			134	20	F4 Z						= 50/210
			146	20	F4 Z						largely RS2 from 134.3 - 157.8 = 50/210
			157	20	F4 Z						RS2 157.8 - 183.0 = 50/210
			183	20	F4 Z						= 50/210
			186	20	F4 Z						= 75/210
			195	20	F4 Z						= 60/210
			204	20	F4 Z						= 50/210
			213	20	F4 Z			75	2110		= 65/210
			228	20	F4 Z						= 60/210
			238	20	F4 Z			75	0310		= 65/210
			244	20	F4 Z						Top of Z short limb = 60/210
			251	20	F4 Z						Base of Z short limb; S <sub>1</sub> region 244.5 - 251 = 70/210
			258	20	F4 S			60	2110		S <sub>4</sub> = 65/210
			259	20	F4 Z						= 70/210
			259	20	F4 Z						= 50/210
			260	20	F4 Z						Top of Z short limb = 60/210
			261	20	F4 S			55	2110		S <sub>1</sub> region " " " = 70/210
			262	20	F4 S						" " " " " = 70/210
			264	20	F4 S			60	2110		" " " " " = 70/210

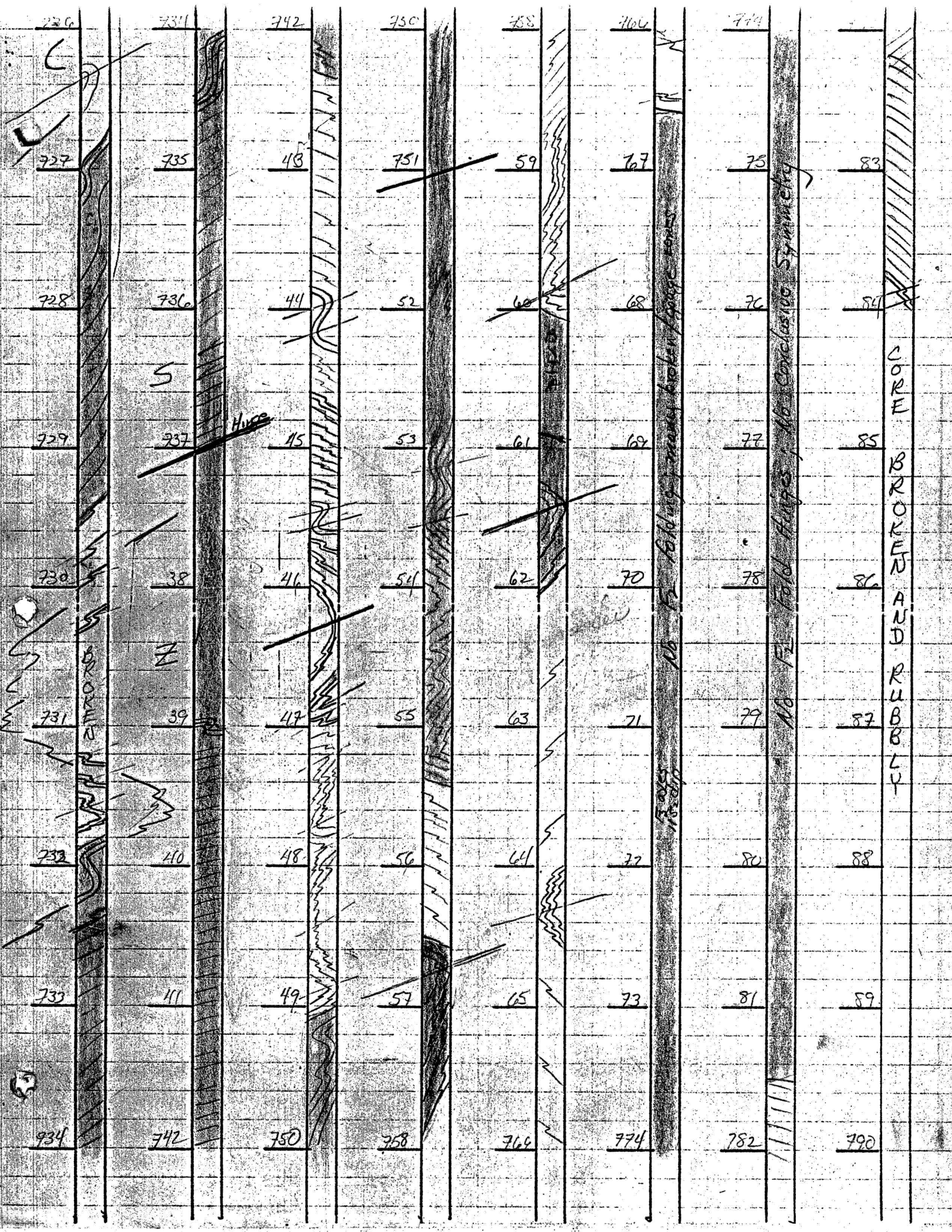
Code	From		To		Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub> Dip Direct.		Description	
	10	14	16	20			32	34		38
			12450	12450	IF4 Z	810	210	80	210	Base Z short limb S <sub>4</sub> =60/210
			12618	12618	IF4 Z					=70/210
			12617	12617	IF4 Z					F <sub>4</sub> trend 120, 25°NW =70/210
			12713	12713	IF4 Z					=70/210
			12811	12811	IF4 Z					=70/210
			12911	12911	IF4 Z	810	030	80	030	=70/210
			13016	13016	IF4 Z					Top of Z short limb =80/210
			13088	13088	IF4 Z					Base of Z " " ; S <sub>1</sub> region 306.5-307 =70/210
			13118	13118	IF4 Z					top of Z short limb ; RS2 309-317 =80/210
			13211	13211	IF4 Z					base of Z " " ; S <sub>1</sub> region 318-321 =60/210
			13310	13310	IF4 Z	810	210	810	210	=75/210
			13414	13414	IF4 Z					=65/210
			13513	13513	IF4 Z					=40/210
			13614	13614	IF4 Z					=65/210
			13711	13711	IF4 Z					=65/210
			13874	13874	IF4 Z					=50/210
			13925	13925	IF4 Z					Start Z short limb =70/210
			13950	13950	IF4 Z					End " " " ; S <sub>1</sub> region 393-395 =70/210
			14050	14050	IF4 Z	80	030	80	030	=70/210
			14158	14158	IF4 Z					=65/210
			14450	14700	QES					Diabase sill
			14750	14750	IF4 Z					Start short Z limb, ends 477.0 =60/210
			14816	14816	IF4 Z					=65/210
			15011	15011	IF4 Z					=60/210
			15057	15057	IF4 Z	90		90	000	S <sub>1</sub> horiz. =70/210
			15115	15115	IF4 Z					Start Z short limb =70/210
			15119	15119	IF4 Z					End Z short " ; S <sub>1</sub> 515-519 =60/210
			15210	15210	IF4 Z					Start Z short limb =60/210
			15313	15313	IF4 Z					End " " " ; S <sub>1</sub> region 522.5-533 =50/210
			15315	15315	IF4 Z	60	030	60	030	=60/210
			15415	15415	IF4 Z					=70/210
			15491	15491	IF4 Z					Start Z short limb =40/210
			1569	1569	IF4 Z					End " " " ; S <sub>1</sub> region 562-569 =60/210
			1573	1573	IF4 Z					Start " " " =60/210
			1576	1576	IF4 Z					End " " " ; S <sub>1</sub> region 574-576 =80/210
			1579	1579	IF4 Z	60	030	60	030	Start " " " =80/210

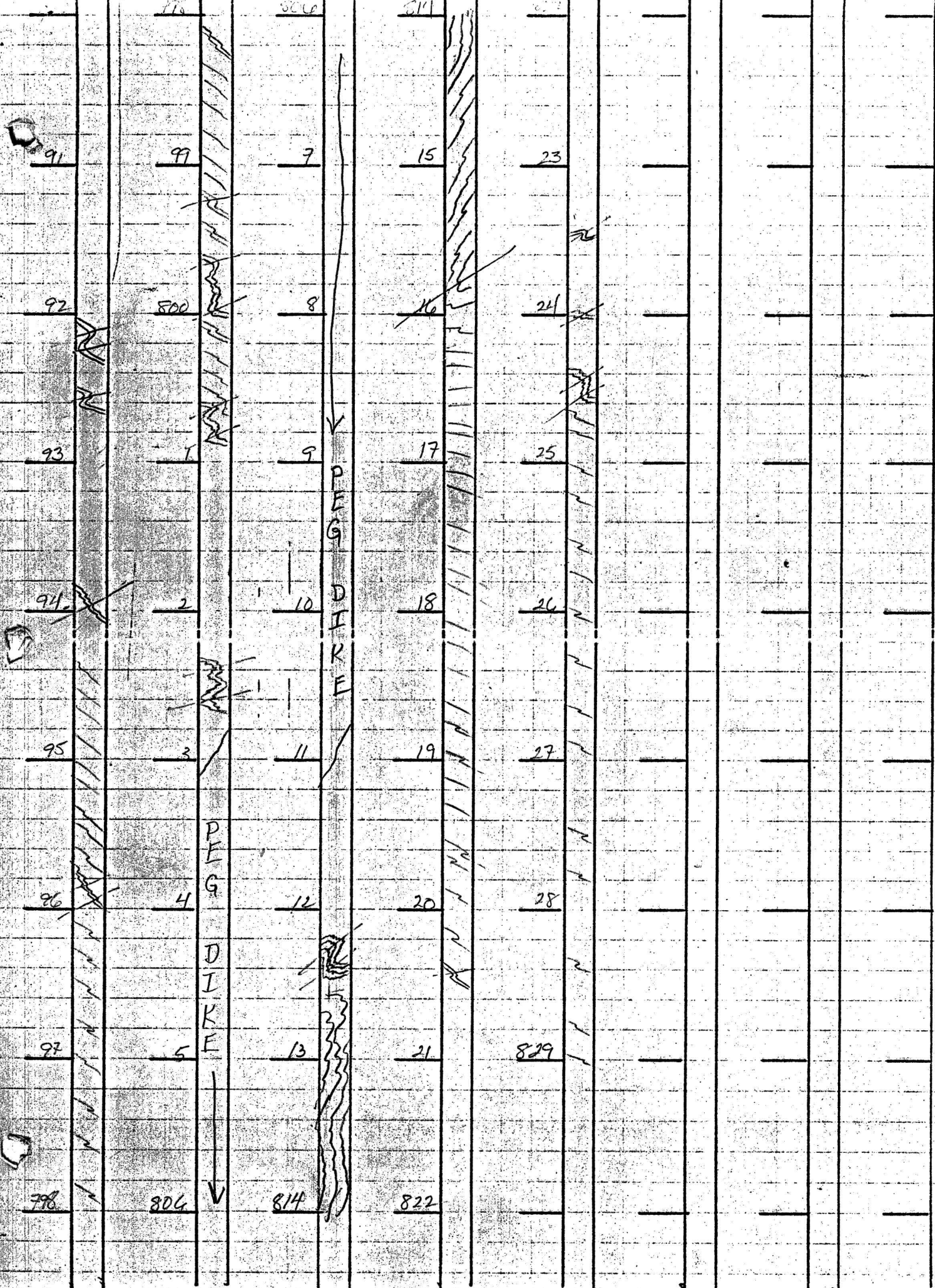
Code	From		To		Feature	E N	S <sub>1</sub>		S <sub>2</sub>		Description
	10	14	16	20			22	24	26	28	
			5811		F4 Z						End Z short limb S <sub>4</sub> = 70/210
			5845		F4 Z						Start " " " = 70/210
			5819		F4 Z						End " " " ; S <sub>2</sub> region 584-589 = 70/210
			5945		F4 Z				50	030	middle of Z region = 70/210
			5975		F4 Z						Start Z short limb = 70/210
			6010		F4 Z						= 70/210
			6136		F4 Z						= 60/210
			6380		F4 Z						= 70/210
			6510		F4 Z						= 70/210
			6610		F4 Z						= 70/210
			6720		F4 Z						= 65/210
			6935		F4 Z						= 65/210
			7215		F4 Z						= 60/210
			7260		F4 S						See graphic log = 60/210
			7460		F4 Z						= 60/210
			7565		F4 Z						= 60/210
			7665		F4 Z						= 70/210
			78140		F4 Z						= 80/210
			7940		F4 Z						= 65/210
			80108		F4 Z						= 80/210
			8140		F4 Z						= 65/210
			8240		F4 Z						= 60/210



Code	From				To				Feature	S <sub>1</sub> Dip Direct.	S <sub>2</sub>		Description
	10	14	18	20	22	24	26	28			32	34	
S			2145	0			Z	810	210	60	210	Base Z short limb	
S			21616	3			Z			70	210		
S			21617	5			Z			70	210	F <sub>2</sub> trend 120, 25°NW	
S			21713	5			Z			70	210		
S			21811	0			Z			70	210		
S			21911	0			Z	810	030	75	210		
S			31016	5			Z			80	210	Top of Z short limb	
S			31018	8			Z			70	210	Base of Z " " ; S region 306.5-308	
S			31118	0			Z			80	210	Top of Z short limb ; RSI 309-318	
S			31211	0			Z			60	210	Base of Z " " ; S region 318-321	
S			31310	5			Z	810	210	75	210		
S			31414	5			Z			65	210		
S			31513	7			Z			40	210		
S			31614	5			Z			65	210		
S			31711	0			Z			65	210		
S			31817	4			Z			50	210		
S			31912	5			Z			70	210	Start Z short limb	
S			31915	0			Z			70	210	End " " " ; S region 393-395	
S			41015	0			Z	80	030	70	210		
S			41158				Z			65	210		
	41450		41700		0ES							Diabase sill	
S			41715	0			Z			60	210	Start short Z limb, ends 477.0	
S			41816	5			Z			65	210		
S			51011	5			Z			40	210		
S			51015	7			Z	90		70	210	S. horiz.	
S			51115	0			Z			70	210	Start Z short limb	
S			51119	0			Z			60	210	End Z short " " ; 515-519 ES	
S			51211	0			Z			90	210	Start Z short limb	
S			51313	3			Z			50	210	End " " " ; S region 522.5-533	
S			51315	3			Z	60	030	60	210		
S			51415	5			Z			70	210		
S			51415	5			Z			60	210	Start Z short limb	
S			51619	5			Z			60	210	End " " " ; S region 562-569	
S			51713	5			Z			60	210	Start " " "	
S			51716	2			Z			80	210	End " " " ; S region 574-576	
S			51719	5			Z	60	030	80	210	Start " " "	







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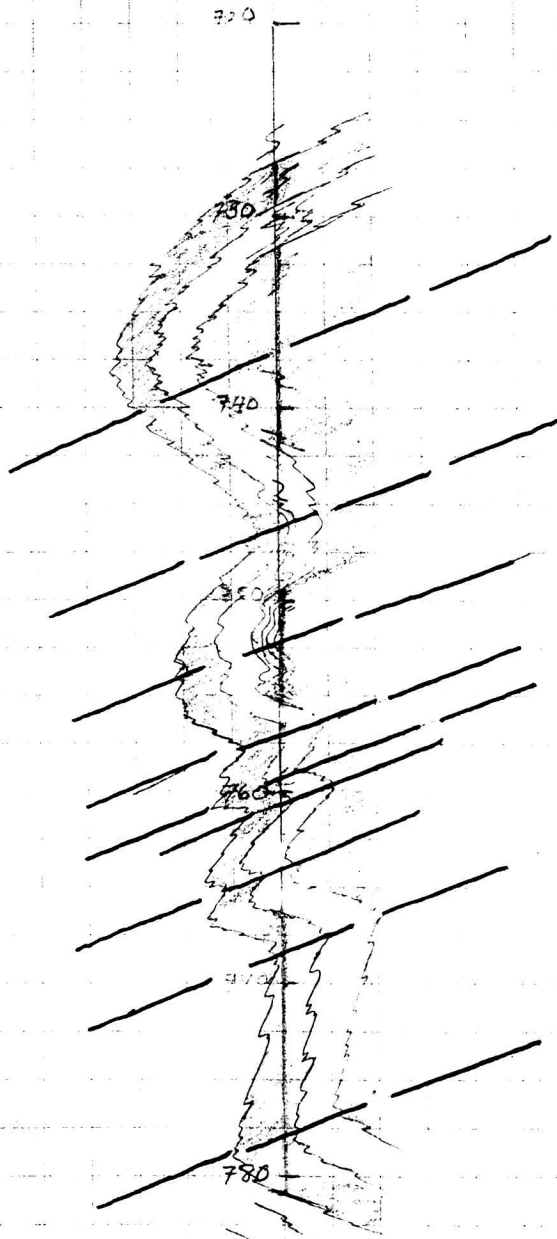
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V  
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G  
D  
I  
K  
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D  
E  
F  
G  
D  
I  
K  
E

V



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780

730

740

750

760

770

770

780

800

Residual  
Dike

DDH 76X-14  
Graphic Log  
Summary

Scale: 1" = 100'

DDH 7.6 X 1.4  
2 8Cyprus Anvil Mining Corp.  
Geochemical Log (Sampler's Copy)Page 9 of 11

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

Sampled By: ME

Code	From	To	Sample No.	Description
	10 14 16 20	22 27		
P	1180	1180	1032151	UNIT 2
P	1180	1280	1032152	UNIT 2
P	1280	1390	1032153	UNIT 2
P	1390	1500	1032154	UNIT 2
P	1500	1600	1032155	UNIT 2
P	1600	1700	1032156	UNIT 2
P	1700	1800	1032157	UNIT 2
P	1800	1900	1032158	UNIT 2
P	1900	11015	1032159	UNIT 2
P	11015	1120	1032160	UNIT 3
P	1120	1220	1032161	UNIT 3
P	1220	1280	1032162	UNIT 4
P	1280	1360	1032163	UNIT 5
P	1360	1455	1032164	UNIT 5
P	1455	1502	1032165	UNIT 6
P	1502	1600	1032166	UNIT 7 AND UNIT 8
P	1600	1700	1032167	UNIT 8
P	1700	1770	1032168	UNIT 8
P	1770	1845	1032169	UNIT 8
P	1845	1920	1032170	UNIT 9
P	1920	1992	1032171	UNIT 9
P	1992	2100	1032172	UNIT 10 AND UNIT 11
P	2100	2200	1032173	UNIT 11
P	2200	2300	1032174	UNIT 11
P	2300	2400	1032175	UNIT 11
P	2400	2470	1032176	UNIT 11
P	2470	2539	1032177	UNIT 11
P	2539	2546	1032178	UNIT 12
P	2546	26155	1032179	UNIT 13
P	26155	27160	1032180	UNIT 14
P	27160	28160	1032181	UNIT 14
P	28160	2930	1032182	UNIT 14
P	2930	2998	1032183	UNIT 14
P	2998	3100	1032184	UNIT 15 to UNIT 20
P	3100	3190	1032185	UNIT 15 to UNIT 20
P	3190	3200	1032186	UNIT 21

DDH 76 X 14  
2 8

Cyprus Anvil Mining Corp.

## Geochemical Log (Sampler's Copy)

Page 10 of 11

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

Sampled By: ME

Code	From		To		Sample No.	Description		
	10	14	16	20			22	27
P	3	2	0	3	2	3	1013121817	UNIT 22
P	3	2	2	3	3	3	1013121818	UNIT 23
P	3	2	3	3	4	0	1013121819	UNIT 24 and UNIT 25
P	3	3	4	0	4	0	1013121910	UNIT 25
P	3	4	4	0	5	0	1013121911	UNIT 25
P	3	5	4	0	6	5	1013121912	UNIT 25
P	3	6	5	5	7	0	1013121913	UNIT 26
P	3	6	6	0	8	0	1013121914	UNIT 27
P	3	7	7	0	9	5	1013121915	UNIT 27
P	3	8	8	5	10	5	1013121916	UNIT 28
P	3	8	9	5	11	0	1013121917	UNIT 29
P	3	9	9	0	12	0	1013121918	UNIT 30 and UNIT 31
P	4	0	9	0	13	0	1013121919	UNIT 31
P	4	1	9	0	14	0	1013131010	UNIT 32
P	4	2	9	0	15	0	10134101	UNIT 32
P	4	3	9	0	16	0	10134102	UNIT 32 and UNIT 33
P	4	4	9	0	17	0	10134103	UNIT 34
P	4	5	9	0	18	0	10134104	UNIT 34
P	4	7	0	0	19	0	10134105	UNIT 36
P	4	8	0	5	20	5	10134106	UNIT 36
P	4	9	0	5	21	7	10134107	UNIT 37
P	4	9	1	7	22	0	10134108	UNIT 38
P	4	9	7	0	23	5	10134109	UNIT 39 and UNIT 40
P	5	0	1	5	24	3	10134110	UNIT 41
P	5	0	4	3	25	0	10134111	UNIT 42
P	5	1	4	0	26	0	10134112	UNIT 42
P	5	2	1	0	27	0	10134113	UNIT 42
P	5	2	8	0	28	5	10134114	UNIT 43
P	5	3	0	5	29	7	10134115	UNIT 44
P	5	3	9	7	30	0	10134116	UNIT 45
P	5	5	0	0	31	4	10134117	UNIT 45
P	5	5	6	4	32	0	10134118	UNIT 46 to UNIT 50
P	5	6	7	0	33	4	10134119	UNIT 51 and UNIT 52
P	5	7	8	4	34	2	10134120	UNIT 53
P	5	7	9	2	35	8	10134121	UNIT 54
P	5	8	5	8	36	5	10134122	UNIT 55



CYPRUS ANVIL MINING CORPORATION

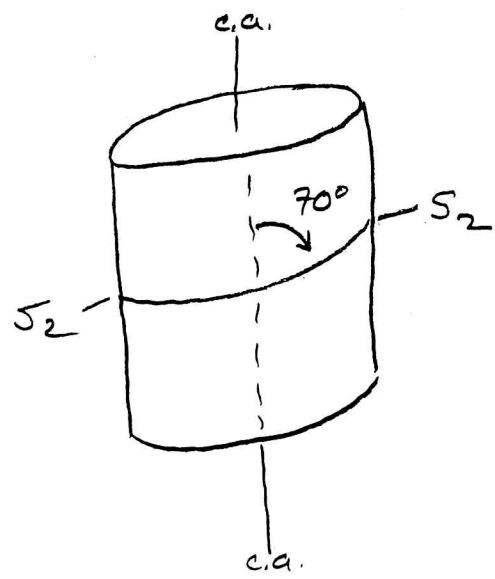
DIAMOND DRILL CORE LOG

Hole Number: 76X-16

Fabric Orientation Diagram:

Project: Anvil

Location: Pit, Section 118



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

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

\_\_\_\_\_ E

Grid Co-ords.: 9, 168.89 N  
(Mine)

14, 246.52 E

Elevation: 3,926.09 3816  
(Mine) (MSL)

All symmetry determinations looking  
NW with S2 dipping  
SW with dip azimuth 210°.

Total Depth: 793

Purpose: Symmetry & geology central section 118

Logged by: [Signature] Date(s) Logged: \_\_\_\_\_

Drilling Contractor: ADD Core: Size From To Collar Cased and Capped: \_\_\_\_\_

BQ 0 FOH

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



DDH 76X16  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

Page 3 of 8  
Logged By: MAS / DSJ

Code	From		To		Unit		Code	Description
	10	14	16	20	22	23		
		00		180			1	#
		80		400			2	OE8 @ 40 (70,210)    S <sub>2</sub> contact
		400		510			3	IF8 @ 51 (70,210)    S <sub>2</sub> contact → sill
		510		783			4	OE8
		783		906			5	OE9 heavily kaolinitized, buff in colour
		906		1010			6	ID0 @ 90.6 (indeterminate) prob    S <sub>2</sub> contact → sill
		1010		1567			7	OE8 @ 101 (55,210)    S <sub>2</sub> contact → sill @ 156.7 indeterminate
		1567		1607			8	IF8 → IF85; entire interval insipiently gonged and decrepitated; bounded by fault zones    S <sub>2</sub>
		1607		1940			9	ID0
		1940		2035			10	IE1; w/chiastolite
		2035		2121			11	ID0 contact w/dior likely    to S <sub>2</sub> → Sill.
		2121		3320			12	OE8/OE9; interbanded kaolinitized and fresh diorite
		3320		3600			13	OE9 buff heavily kaolinitized diorite; lower contact indeterminate
		3600		3633			14	2H4 → 2H3; sub-rounded large silicate frags in 2H0
		3633		3653			15	OE9 w/series of 2C3 and IE1; upper contact indeterminate; lower contact 69/5
		3653		3670			16	2H4 w/subrounded large silicate frags.; cf unit 14 (OE9 = sill)
		3670		3710			17	2F0 Vuggy
		3710		3720			18	2G2
		3720		3765			19	2F0 Vuggy
		3765		3787			20	2H1 w/rounded silicate blobs and/or frags
		3787		3804			21	2E4
		3804		3823			22	2H1 as unit 20
		3823		3892			23	2E4 → vuggy
		3892		3925			24	2BE4 → 2BE4; unit approaches silicate blob lithology but frags as blobs retain S <sub>1</sub> banding.
		3925		3960			25	2E4
		3960		4015			26	2H1 Fin sub rounded silicate blobs in massive po.
		4015		4025			27	2F0 → vuggy
		4025		4078			28	2H3 → 2H31
		4078		4220			29	2F8 → 2F876
		4220		4238			30	ID4 w/thin 2B0 bands
		4238		4250			31	2G8
		4250		4284			32	2F0 vuggy
		4284		4348			33	2G4 5% diss sphal 20% diss py. in near massive baulte
		4348		4359			34	2E4 → 2E45

96  
2.4  
10E 12.2  
30 15.5  
10E 27.6  
30.8 10D  
47.8  
64.6  
109.7

DDH 7,6, X 1,6  
2 8

Cyprus Anvil Mining Corp.  
Lithologic Log

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Logged By: DSJ/MAS

Code	From		To		Unit		Code		Description
	10	14	16	20	22	23	25	27	
	4,35	9	4,36	9	3,5		2,6	4	
M5	4,36	9	4,47	8	3,6		2,E	4	→ banded
	4,47	8	4,48	7	3,7		2,E	3	→ fine, very massive non-porphyrblastic rubbly oxidized pyrite
	4,48	7	4,50	2	3,8		2,E	0	
	4,50	2	4,51	0	3,9		2,F	0	
139.1	4,51	0	4,56	4	4,0		2,E	0	→ 2E4
	4,56	4	4,63	5	4,1		2,C	0	muscovitic w/15% pyrite; transitional to 2A0
	4,63	5	4,66	2	4,2		2,A	0	
	4,66	2	4,67	8	4,3		2,E	4	w/minor 2A0 interbands
Qtrase	4,67	8	4,71	3	4,4		2,A	0	
S <sup>2</sup>	4,71	3	4,79	0	4,5		2,H	0	→ 2H1
	4,79	0	4,92	5	4,6		2,D	3	→
	4,92	5	5,17	5	4,7		2,A	0	→ 2A4
157.7	5,17	5	5,34	2	4,8		1,D	4	strong development typical marcasite/pyrite stringers/blebs
1CD	5,34	2	6,45	0	4,9		1,C	D	
196.6 1/2 vein	6,45	0	6,55	0	5,0		0,Q	0	w/prominent pink andalusite
199.6	6,55	0	6,70	0	5,1		1,C	D	
1CD	6,70	0	6,74	4	5,2		9,Q	0	as unit 50; note schists banded above and below i. D <sub>2</sub> or post D <sub>2</sub> veins
241.7	6,74	4	7,93	0	5,3		1,C	D	

DDH 76X16  
2 8

Cyprus Anvil Mining Corp.

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Structural Log

Logged By: DSS

Code	From		To		Feature	E N	S <sub>1</sub>		S <sub>2</sub>		Description	
	10	14	16	20			22	24	26	28		32
				41	7	PS	4					S <sub>4</sub> = 80/210
				96	0	CS	4		410	2110	F <sub>4</sub> down dip if we could find it	80/290
				101	0	CS	4Z		610	0310		45/210
				162	3	CS	4Z		610	0310		70/210
				180	5	CS	4Z				Interval CS <sub>4</sub> → PS <sub>4</sub>	65/210
				194	0	CS	4Z		710	2110		55/280
				368	5	PS	2		35	2110	S <sub>0</sub> = 35° = S <sub>1</sub> = S <sub>2</sub>	ORE 35/210
				371	0	PS	2		50	2110	S <sub>0</sub> = 50° = S <sub>1</sub> = S <sub>2</sub>	" 50/210
				384	5	PS	2		35	2110	S <sub>0</sub> = 35° = S <sub>1</sub> = S <sub>2</sub>	" 35/210
				394	8	PS	2		50	2110	S <sub>0</sub> = 50° = S <sub>1</sub> = S <sub>2</sub>	" 50/210
				407	0	PS	2		80	2110	S <sub>0</sub> = 80° = S <sub>1</sub> = S <sub>2</sub>	80/210
				423	0	PS	2		710	2110	S <sub>0</sub> = 70° = S <sub>1</sub> = S <sub>2</sub>	70/210
				435	5	PS	2		65	2110	S <sub>0</sub> = 65° = S <sub>1</sub> = S <sub>2</sub>	65/210
				449	0	PS	2		610	2110	S <sub>0</sub> = 60° = S <sub>1</sub> = S <sub>2</sub>	60/210
				457	0	PS	2		810	2110	S <sub>0</sub> = 80° = S <sub>1</sub> = S <sub>2</sub>	80/210
				465	3	CS	4Z		810	2110		65/210
				470	0	CS	4Z					80/210
	47	9	0	492	5	PS	4					
				490	0	PS	4					70/210
				495	0	CS	4Z				F <sub>4</sub> axis close to bedding down S <sub>4</sub> dip	70/210
				500	5	CS	4Z		30	0310	This local reading; S <sub>2</sub> generally shallower SW dip	70/210
				512	5	CS	4Z		510	0310	@ 506' F <sub>2</sub> hinge noted; trends 130 plunging SN	70/210
				515	0						Post D <sub>2</sub> circulation foliation 20° to c.a.	90/000
											(70° probable SW dip) cannot orient core	
											due to horizontal S <sub>4</sub>	
				519	0	CS	4Z				Post D <sub>2</sub> ? S <sub>4</sub> surface Z/60 40° to c.a.	70/210
											F <sub>4</sub> - Z	
				536	0	CS	4Z		50	0310		70/210
				559	5	CS	4Z		70	0310		65/190
				582	5	CS	4Z		75	0310		60/190
				598	0	CS	4Z		60	0310		60/210
				623	5	CS	4Z		70	0310	large Z @ 623-6255	50/210
				644	5	CS	4Z		70	0310		60/210
				668	5	CS	4Z				large Z 663 - 668.5	50/210
				695	0	CS	4Z		20	0310	S <sub>2</sub> : local attitude thru fld only	50/210
				702	0	CS	4Z		60	0310		60/210



DDH 76X16  
2 8

Cyprus Anvil Mining Corp.

Geochemical Log (Sampler's Copy)

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

Sampled By: ME

Core Cm	From		To		Sample No.		Description
	10	14	16	20	22	27	
P	3,585		3,633		105351		
P	3,650		3,672		105352		
P	3,672		3,710		105353		
P	3,710		3,719		105354		
P	3,719		3,765		105355		
P	3,765		3,787		105356		
P	3,787		3,804		105357		
P	3,804		3,814		105358		
P	3,814		3,895		105359		
P	3,895		3,926		105360		
P	3,926		3,960		105361		
P	3,960		4,003		105362		
P	4,003		4,016		105363		
P	4,016		4,030		105364		
P	4,030		4,080		105365		
P	4,080		4,130		105366		
P	4,130		4,186		105367		
P	4,186		4,220		105368		
P	4,220		4,239		105369		
P	4,239		4,252		105370		
P	4,252		4,283		105371		
P	4,283		4,333		105372		
P	4,333		4,350		105373		
P	4,350		4,366		105374		
P	4,366		4,376		105375		
P	4,376		4,430		105376		
P	4,430		4,476		105377		
P	4,476		4,490		105378		
P	4,490		4,506		105379		
P	4,506		4,510		105380		
P	4,510		4,560		105381		
P	4,560		4,600		105382		
P	4,600		4,630		105383		
P	4,630		4,663		105384		
P	4,663		4,680		105385		
P	4,680		4,710		105386		



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76 X 17

Fabric Orientation Diagram:

Project: Anvil Mine

Location: Sec 123 NE of pit

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

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

\_\_\_\_\_ E

Grid Co-ords.: 9,293.00 N  
(Mine)

15,529.17 E

Elevation: 4223.16 4113.0  
(Mine) (MSL)

Total Depth: 464.5'

Purpose: Test NE extension Zone 3

Logged by: DSJ

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

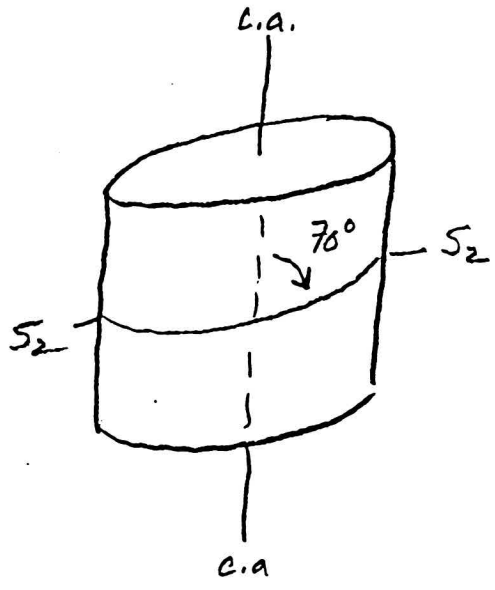
Drilling Contractor: ADD

Core: Size From To Collar Cased and Capped: \_\_\_\_\_

BQ 0 EOH

\_\_\_\_\_  
\_\_\_\_\_

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



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.





Code	From		To		Unit			Code	Description
	10	14	16	20	22	23	25		
L		00		330			1	F	
L		330		680			2	SD4	submassive, somewhat interval; core generally rubby or fractured or irregularly gouged; bititic laminae banding increases downward white calc-silicate mineralogy drops off.
L		680		895			3	P.M.B	FAULT GOUGE w/ composition variable: 2A4, 1D0, 0Q0, 1F0 2F0; clasts angular to subrounded to even rounded SD8 both upper and lower contacts are... POLYMIC TIC Bxia
L		895		905			4	1E1	broken core; probably part of fault gouge Bxia with mix of 2F0, and maybe Calc Sil Phyl/Schist Trans. → 3A0
L		905		955			5	1D0	→ interband in 3A0
L		955		1060			6	1F0	Good interbanded sequence of 1F8±3 and 1E1 → 1A2 Mix-mash of core lithologies may indicate fault bxia frags bit 60-70% 1F8±3 and 30-40% 1E1; Trans Zone → 3A0
L		1060		1320			7	P.M.B	FAULT GOUGE w/ composition: 1E1, 0Q0, 1D0, 1F0, SD1, 1D4 SD2, 2B7, 2B0, 2C6, 0F0; blocks core of 3A0?; Polymeric Bxia
L		1320		1630			8	0F9	FAULT GOUGE/POLYMIC TIC Bxia w/ compositional frags of 0F0, 0Q0, 1D4, 1E1, 1D0, 1C0, 1F0
L		1630		1730			9	0F9	w/ 1D4 Xenoliths; core gouge to 166 and massive to 1810 gouged
L		1730		1770			10	P.M.B	w/ large 0F0, 1D0, 1D4, 2C0, 1E0 fragments
L		1770		1835			11	0F0	
L		1835		1857			12	P.M.B	w/ frags 1E0, 1D4, 0F0, 0Q0 and 1D0
L		1857		4645			13	0F0	upper contact 60° to ca.; @246-247.5 Polymeric Bxia flow banding @ 256: 50° to ca possible primary 0F0 xenolith @ 251'



CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76X18

Fabric Orientation Diagram:

Project: ANVIL

Location: FARO, Y.T.

Claim: FARO

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

\_\_\_\_\_ E

Grid Co-ords.: 6131.1 N

16,235.8 E

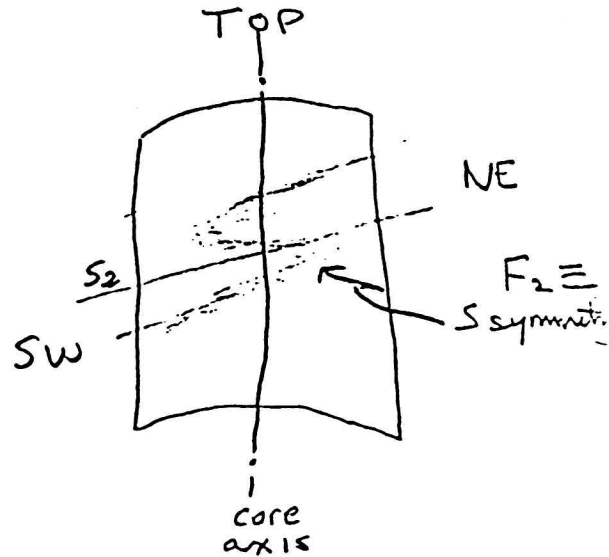
Elevation: 3940.1 (Mine) 3829.9

Total Depth: 554'

Purpose: Reoccupying 67-19 to check sulfide occurrence 177'-200'

Logged by: M.A. STAMMERS Date(s) Logged: JULY 1976

Drilling Contractor: ARCTIC Core: Size N From \_\_\_\_\_ To 554' Collar Cased and Capped: 881



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.

Section 142

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





CYPRUS ANVIL MINING CORPORATION

DIAMOND DRILL CORE LOG

Hole Number: 76X20

Fabric Orientation Diagram:

Project: Anvil Mine

Location: NE of pit Sec. 123

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

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

\_\_\_\_\_ E

Grid Co-ords.: 9,053.78 N  
(Mine)

15,310.49 E

Elevation: 4202.29 4092.1  
(Mine) (MSL)

Total Depth: 847'

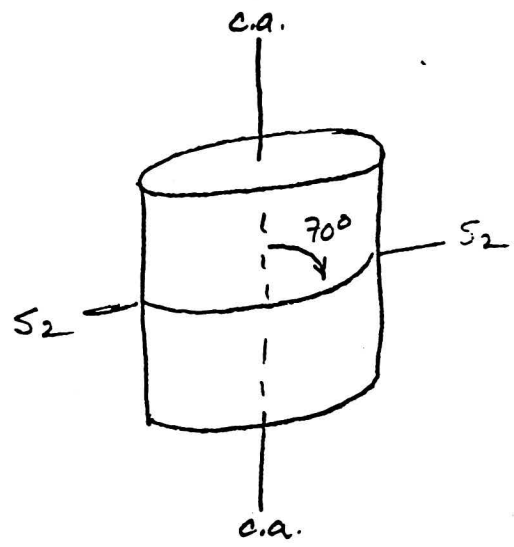
Purpose: Test NE extension of zone 3

Logged by: [Signature] Date(s) Logged: \_\_\_\_\_

Drilling Contractor: \_\_\_\_\_ Core: Size From To Collar Cased and Capped: \_\_\_\_\_

NQ 0 847

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



All symmetry determinations looking NW with S2 dipping SW with dip azimuth 210.







Lithologic Log

122.7

10F

156.7

10D  
162.2

10F

175.3

Fault  
Gouge

193.1

10E

199.9

Code	From	To	Unit	Code	Description	
1	10	14	16	20	22 23 25 27	
L	139.57	139.67	30	1100	Typical 100, not 100	
L	139.68	140.25	31	1100	Polymictic bxia w/ OFO, 000, 2A0, 2B0 frags in dominantly 100/100 matrix; note sulfide (py) in OFO frags => passage thru on horizon followed by oxidation	
L	140.25	141.14	32	21F9	Knotted, irregularly angular OFO w/ OFO frags in OFO => multiple intrusive pulses; cf. unit 27	
L	141.14	142.45	33	21F0	Flow banding = 50° to c.a. or dip possible as unit bounded by bxia	
L	142.45	143.06	34	1100	Polymictic bxia w/ OFO, 104, 000 frags on units 26, 28, 31	
L	143.06	149.21	35	21F0	OD8 frag @ 437.6 => OFO not OD8	
L	149.21	149.65	36	21F0	gouge, top of gouge zone = 25° to c.a.; Fe <sub>2</sub> O <sub>3</sub> bog @ top	
L	149.65	151.41	37	21F0	base of OFO ~ horizontal; intrusive contact	
L	151.41	152.55	38	1101	-> 1015 w/ 1F3 bands, 519-520	
L	152.55	152.85	39	21F0	-> 21F9; OFO frags in OFO => multiple intrusive pulses; also 1015 frags & numerous coarse zones over interval	
L	152.85	152.95	40	21F0	Polymictic bxia w/ 100 frags; top = 60° to c.a. base 40° to c.a.	
L	152.95	157.50	41	21F0	w/ irreg. coarse zones; lower contact = 60° to c.a.	
L	157.50	157.90	42	1100	Polymictic Bxia w/ 100 w/ OES, 104/207 frags	
L	157.90	159.10	43	DE8	w/ sulfide frags, diorite heavily kaolinitized w/ 200 frags (most) as attitude possible; approx 60° to c.a. @ top, bxia bounded	
L	159.10	163.35	44	1104	Polymictic Bxia w/ 2E0, 2H0, 2A0, 2B4, 0Q0, 2J8 & OFO frags matrix of pyrite bxia appears to be 104; this bxia zone is bounded by diorites which are considered responsible for oxidation	
L	163.35	165.60	45	01E8	-> OER?; diorite heavily kaolinitized shows gradational irregular contacts; contains 200, 2A0 frags; 200 frags occur in and partially reworked leaves; diffus. and/or amorphous pyrite blobs in diffuse siliceous patches; base of interval shows kaolinitized diorite frags in heavily altered diorite matrix, indicate multiple pulses of intrusion; relationships here imply P <sub>v</sub> of diorite > P <sub>c</sub> cupreous; upper and lower contacts are irregular and in bxia	



Structural Log

Logged By: Mark [unclear]

Core Code	From		To		Feature	E S <sub>1</sub>	S <sub>1</sub> Dip Direct.		S <sub>2</sub> Dip Direct.		Description	
	10	14	16	20			22	24	26	28		32
1												granitic tubercle atclages
S				1190	C/S 2				65	210		
S				1315	C/S 2				65	210	S <sub>3</sub> 25° 230° (65, 140) F <sub>3</sub> = Z	
S				1515	C/S 2		50	030	65	210		
S				1715	C/S 2		40	170	65	210		
S				11210	C/S 2				50	210		
S				11520	C/S 2		40	030	70	210	S <sub>4</sub> 55 200 (35, 110) F <sub>4</sub> = Z	
S				11840	C/S 2		35	210	65	210	S <sub>3</sub> 50, 240 (110, 150) F <sub>3</sub> = Z	
S				11890	C/S 2				65	210	S <sub>4</sub> 60, 190 (30, 100) F <sub>4</sub> = Z	
S				12240	C/S 2		30	210	70	210	S <sub>3</sub> 50 230 (40, 140) F <sub>3</sub> = Z	
S				12620	C/S 4				60	030	S <sub>4</sub> 70, 210	
S				13015	C/S 4				75	030	S <sub>4</sub> 60, 210	
S				13260	C/S 4				80	210	S <sub>4</sub> 65, 190	
S				13400	C/S 4				40	030	S <sub>4</sub> 50, 190	
S				1370	C/S 4				80	030	no further hole other intrusives or alignment blow, ∴ no structures	