

000365

1982 FARGO
DRILL LOGS

CYPRUS ANVIL MINING CORPORATION
DIAMOND DRILL CORE LOG

Page 1 of 9

Date: June 22, 1982

Hole Number: FI82F01

Reference Fabric Orientation Diagram:

Project: FARO PIT DRILLING

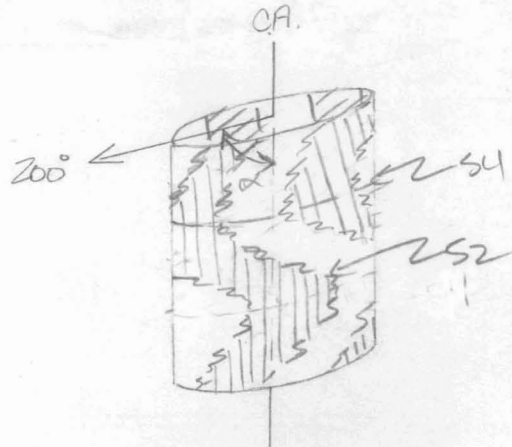
Location: ZONE 3

Claim: _____

MINE ENG.
Terr. Plane
Co-ords.: 8,841.48 N

15,313.19 E

Grid
Co-ords: 124 / 25



COLLAR
Elevation: 4071.30'

All symmetry determinations looking

NW with S4 dipping

Total Depth: 903'

SW with dip azimuth 200.

Purpose: TO TEST EASTERN EXTENSION OF ORE

Reason hole Terminated: INTERSECTED ORE & FOOTWALL ID

Logged by: RI

Date(s) Logged: June 21-22 / 82

Drilling Contractor: ADD

Size	CORE From	To	Collar Cased and Capped: <u>No</u>
<u>NW</u>	<u>0</u>	<u>201</u>	
<u>NQ</u>	<u>20</u>	<u>903'</u>	

Hole Cemented: No

Steel down hole: NO

Started: June 12 / 82 Completed: June 18 / 82

Code	From		To		Recov.		No.		Unit		Description
	10	14	16	20	22	24	26	28	30	34	
L		100		1210					0101		toured
L		200		1606					0102	3D2	& green weakly calc. bands w/ light green (hem?) calc. siliceous tubulars; calc-filling fracture fractures; bxia cap, 70% c.s., 30% marble; minor narrow cal. banding c.s.
L		1606		1623					0103	3D1	bxia cap; grey-blue non-calc; calc + carbonaceous material filling fractures; 100% c.s., minor gtz banding 1/2 sz;
L		1623		1755					0104	3D2	bxia cap; 10ES 63.2-63.6'; irregular cts yet sharp & not bixiated; no 3D inclusions. i. dike. ∴ this is a bixiated frag?; 10ES 66.5-66.6';
L		1755		1824					0105	3D1	variably calc.; as unit 3; 10ES 70-70.6' 10ES7 79.1-80.3' - upper ct. 67° to CA - sharp ct; bc
L		1824		1935					0106	3D4/2	1; 2D4 → 3D2 → 3D1 predominantly toward EBI; bc.
L		1935		11053					0107	10D18A	no upper ct; lower ct 69° to CA;
L		11053		11137					0108	3D4	more phyllitic than previous units; 40% ph; 30% marble. 30% c.s.; bc.
L		11137		11248					0109	3D1	highly fractured w/ calc. - fillings; blocky core; bc.
L		11248		11423					0110	3D10	bc.; polymictic bxia; - various 3D-like clasts, 1E, 1D & 10E clasts; 140.9-142.3. highly fractured w/ calc. fillings; 60% 3D, 5% 1D, 1/10E, 21/10E
L		11423		11463					0111	3D10	fault gouge; upper ct 38° to CA; lower ct broken; 3D bxia 142.3-143.6, 144.5-146.3; 10E9 143.6-144.5';
L		11463		11634					0112	3D2	bc.; variably calcareous; 3D2-3D3;
L		11634		11733					0113	3D2	as unit 12 but more highly fractured & broken; calc. fracture fillings; bc.
L		11733		11893					0114	3D5	3D5 → 3E → 3D5 toward EBI bc.
L		11893		11973					0115	3D10	polymictic bxia; highly fractured; minor gray bands < 0.2" wide;
L		11973		12196					0116	3D1	as unit 3; variably calc.
L		12196		12376					0117	3D4	3D3-3D4; variably calc to rim-calc toward

Code	From				To				Recov.				No.				Unit	Description
	10	14	16	20	22	24	26	28	30	34	35							
																		EOT; bt: calc:sl:qtz:calc. = 1:1:1 @ TOT; decr. bt #qtz:calc. toward EOT; bc
L	2376		2400										0118		31D1		v. slightly calc; 65% qtz bands <0.2' wide w/ py & po fracture fillings; 3EO 246.3-246.8' ibg	
L	2400		3002										0119		31D1		highly fractured w/ calc.-fracture fillings 248.0 - 254.0' variable calc; variable bt. dk. throughout interval; <2% graphitic clefts bc	
L	3002		3102										0200		31D0		3D bvia w/ varying clast comp - 75% 3D; 15% 1E; 5% 1D; 5% 0E; polymict. highly fract w/ calc. fillings; ground, gray crn 309.2-309.5, 311.0-311.2, 329.4-329.9, 330.5-331.0, 331.7-332.5 347.3-348.8, 354.7-355.6;	
L	3102		3985										0211		31Aa		polymictic bvia - 80% non-carbonaceous 1D w/ altd andalusite, 10% 3D, 5% 1E; 5% 2A slightly calc. w/ desulph. py (po) L qtz bands & py & calc. fractures;	
L	3985		4102										0222		3D3		imbricant bt. dev.; v. slightly calc; dk. & lg green narrow interbands grading into mottled texture toward (bc) EOT; probably part of 3A bvia;	
L	4102		4970										0223		10D1		bvia; non-carbonaceous 1D frags w/ chloritized andalusite; bvia w/ ground, gray matrix 449.8-449.1'	
L	4970		5158										0224		10E7		upper ct belated & gray 497-497.2' @ approx 53° to CA; siliceous green coloured dinite @ TOT grading into 0227 503.9-504.6' w/ unevenly distributed bt; this grades ↓ into less siliceous dinite; amphibole present but bt > hb;	
L	5158		5204										0225		10D37		s? s? v.f. grained bt & hb (alt. to chl?) bt appears as clots 518.5 - EOT with a somewhat relict foliated texture (flow banding?) ↳ bt clots - common.	

Code	From			To			Recov.			No.			Unit			Description
	10	14	16	20	22	24	26	28	30	34	35					
															markedly deer. bt content 519.4 - EOI; approx lower at @ 46° to CA	
L	51204		51258						0216	10E9					hb < bt; absence of bt. in proximity of 11 fractures @ 36° to CA; discontinuous lower at;	
L	51258		51325						027	11D4					bxia - various ID types - 50% completely bleached ID; 30% partially altered ID [ID4] w/ remnant altered andalusite; 20% carbonaceous ID clasts;	
L	51325		51529						028	2C0					bxiated; 2C7 540.0 → 541.9 approx. 30% py; 548.0 → 548.6. < 1% cpy as fracture fillings. Lower contact at approx. 27° to CA and not 11 to CPB (bxiated contact?)	
L	51529		51567						029	2D4					banded approx 15% Pb/Zn	
L	51567		516A6						030	2CEA					ZF-556.7 → 557.4; 2C bxia-557.4 → 559.4; ZEO with minor quartz fragments and porph. py. - 559.4 → 563.3; 2CE bxia-563.3 → EOI; unconformable lower contact (broken)	
L	516A6		51708						031	2L3					phyll. 2A0 with 4% Pb/Zn TOI → 565.6; bxia, micaceous 2C-565.6 → 566.4; 2JA- 566.4 → 567.7 715% Pb/Zn; 2L with 3% py 566.7 → EOI minor qtz bands; gouge- 567.2 → 567.6 & at 568.1; gradual etc;	
L	51708		517A2						0312	2B45					phyll. 2A [2L] 4% Pb/Zn < 5% py; highly siliceous with Pb/Zn bands + carbon poor mica.	
L	517A2		51953						033	2A0					< 5% py. - 3% Pb/Zn.	
L	51953		61008						034	2L4					minor py. overall greyish color OQO 596.0 → 596.8.	
L	61008		610A8						035	2B05					2A phyll. as (032).	
L	610A8		61089						036	2L1A					5% banded Pb/Zn, bxiated.	
L	61089		6128A						037	11D4					gouge-609.8 → 610.7 minor py bands. small (<.001") pink garnets? with ^{roughly} square Xsection AND. ? gouge-624.9 → 625.2.	
L	6128A		61385						038	11DA					more highly bleached than previous unit. close to fault zone.	

Code	From	To	Recov.	No.	Unit	Description
	10 14 16 20 22 24 26 28 30 34 35					
						alteration decreases towards EOI. increase in AND. (clots towards EOI).
L	16385	16755		039	1ICD	non-carb. 1D0/1D4 with AND. clots = 60/40 gouge - 674.0 → EOI lower contact 57° to CA. minor quartz bands S ₂
L	16755	17750		040	1OIFH	minor biotite. Lower contact approx. 20° to CA.
L	17750	17774		041	1D0	bxia - fault gouge 775.0 → 776.0 - 1D (gouge) quartz bxia. with py matrix 776.0 → 776.7. d py matrix 776.8 → EOI.
L	17774	17939		042	1D4	completely bleached with partially altered AND. minor py. bands - 5% quartz veins .1' → .7' wide.
L	17939	18060		042	1ICDA	partially altered 1D with clotted altered AND.
L	18060	18186		044	1ICQ	increased biotite content in 1C. non carbonaceous 1D with AND. with gradational contacts into 1C. 1D/1C = 60/40
L	18186	18443		045	1ICD	bleached 1D with AND. clots + garnet? bxiated 822.7 → 827.3 + 842.6 → EOI Lower contact 35° to CA.
L	18443	18715		046	1OIFQ	quartz grains in white (altered?) Selds par matrix. 851.6 → 853.5 Sol. (altered?) (low banding?) gouge 853.5 → 854.2
L	18715	18750		047	1OIFQ	Sol. (altered?) (low banding?) lower contact 73° to CA
L	18750	18785		048	1D4	gouge - 875.0 → 877.2, bxia - 877.2 → EOI.
L	18785	18821		049	1OIQO	upper contact 75° to CA. Lower contact approx. 35° to CA. AND. present as coarse grains.
L	18821	18846		050	1D4	Fault gouge.
L	18846	18867		051	1F10	
L	18867	18886		052	1ICD	Fault gouge + bxia; 1D clots; 1' gouge matrix w/ fuschite
L	18886	19030		053	1ICD	andesite dike? - 894.0 → 894.6 (no contacts measurable), bxiated - 894.6 → 895.5. bleached - 895.5 → 896.9. OQO with contacts S ₂ 896.9 → 897.9. 897.9 → EOH slightly altered with alteration decreasing towards EOH
		EOH				

Structural Log

Date: June 22/82 Logged By: RS

Code	From			To			Feature	S ₁ M	S ₀		S ₁ Z		S ₂		Description	
	10	14	16	20	22	24			26	28	32	34	38	40		44
S				4220			BXA									bxia cap region 220-497.0'; widely varying S ₂ due to totally undirected emplacement of various angular fragments (3D, 1E, 1D, 0E). Generally little to no matrix observed.
S				497.0				R								R region (dikes) 497.0-525.8' altho' a remnant foliation observed(?) @ 55° to CA L O;
S				525.8				R								R region (bxia) 525.8-552.9'
S				552.9				R								R region - 552.9-595.3'; sulphides;
S				554.0			CPB						418	2110		
S				577.4			CPB						715	2110		
S				595.3				R								P region 595.3-600.8' end of R region
S				599.7			PSZ						777	2110		
S				600.8				P								R region 600.8-608.9'; ribbon-banded sulph 600.3-604.8'; banded ZL 604.8-608.9'
S				608.9				R								M region 608.9-666.0'; numerous S ₂ & S ₁ zones
S				611.3			CSAZ	65	1,810				613	2010		S ₀ =S ₂ 52754.
S				611.8			CSAZ	7,3	0,0,0				65	2100		S ₀ ^{S₂} sym @ 45.5'
S				647.2			LNID						57	2010		step S ₂ 647.2-666.0' (M);
S				666.0				M								D region 666.0-675.5';
S				666.5			CSAZ	3					522	2110		
S				675.5				D								R region 675.5-777.4; intrusive dike & bxia;
S				777.4			CTC	57								
S				777.4				R								D region 777.4-844.3';
S				796.7			CSAM						91	2110		step S ₂
S				811.6			CSA						60	2110		
S				838.9			CSA						65	2110		
S				844.3				D								R region 844.3-888.6' dike & bxia;
S				875.0			CTC	73								
S				888.6				R								Z region 888.6-903.0

Structural Log

Code	From			To			Feature	SYE	S ₀			S ₁			S ₂			Description
	10	14	16	20	22	24			26	28	32	34	38	40	44			
				8903	CSF	Z				74	150	70	210					
				EDH														
\$	6300			6730				3										Z short limb F4 fold (3 zone)
\$	7750			8880				S										essentially S's & minor 3's
\$	8880			9030				Z										Z long limb
\$	6050			6060				BX										shrd, broken core up. cnt 30° to c.a.
\$	5990			5990				SHR										4" shear zone 60° to c.a.
\$				6250				SHR										2" shear 50° to c.a.
\$	6285			6350				SHR										PRE DZ SHEAR & BRECCIA ZONE UP. CNT 50° to c.a., LOW. CNT, 45° to c.a.
\$	6610			6630				SHR		35	270	50	210					shrd, broken core, minor gouge. @ up. cnt S₄ measurements taken wrt S ₄ , CNT = S ₁
\$	7747			7790				SHR										shrd, up gouge breccia @ up cnt 25° to core axis low. cnt. 70° to c.a., sulph siliceous frags w/ sulph mtrx @ 7770
\$	8050			8060				BX										breccia, gouge, no cnts
\$	8233			8260				BX										gouge breccia shrd, subll to S ₄ dip 60° to c.a.
\$	8330			8360				BX										shrd breccia zone.
\$	8420			8447				BX										4" shrd breccia zone
\$				8528														gouge breccia zone.
\$	8750			8770														gouge breccia zone, low. cnt. 50° to c.a.
\$	8940			8956														

82-F-01

