MAP No.	ASSESSMENT REPORT N. M. E. A. P. CONFIDENTIAL OPEN FILE	☑ I.S.N. 134629	TYPE OF WORK: MAYO M.D. DIAMOND DRILLING
106 C 7, 8			

REPORT FILED UNDER	BARRIER REEF RESOURCES LTD.		DOCUMENT NO.	091702
DATE PERFORMED	1975		DATE FILED:	Dec. 1, 1975
LOCATION - LAT.	NOT GIVEN	64°25'N	AREA: NOT GIVEN	GOZ CREEK
LONG.	NOT GIVEN	132°31'W		Nadaleen River
CLAIM NO.	BAF	DUO	LUV	
	VUA	STOL		
	ANG	ANN		
VALUE $	HAM	FAL		
	LIN	WOLF		
WORK DONE BY	LONGYEAR - CORDILLERAN ENGINEERING LTD; T. TERRIFF R. LENNOX			
WORK DONE FOR	BARRIER REEF RESOURCES			

REMARKS

The Bof-Goz property was drilled extensively to explore for Zn mineralization only. The drill logs are contained in this report but it is evident that mineralization is insignificant. ~~This report, in part, accompanies report #091701~~ = 35 DDH · 4207m [13805 FT]

19 Goz Creek

1975 DRILL HOLE LOCATION PLAN
AND
CLAIM GROUPING PLAN.
GOZ CREEK PROPERTY NTS 106C-7,8.

CORDILLERAN ENGINEERING LIMITED
1418 - 355 BURRARD ST.
VANCOUVER 1, B. C.

091702

Group #1
Group #2
Group #3
Group #4
Group #5
Group #6
Group #7
Group #8
Group #9
Group #10
Group #11
Group #12
Group #13
Group #14
CORE STORED AT CAMP.
Scale and elevation datum based on limited ground control resulting in good relative, but uncertain absolute map accuracy.
Compiled from aerial photography at an approximate scale of 1 inch equals 2500' feet flown in 1965
1975 DRILL HOLE LOCATION PLAN
AND
CLAIM GROUPING PLAN
GOZ CREEK PROPERTY NTS 106 C-7,8.
CORDILLERAN ENGINEERING LIMITED
1418 - 355 BURRARD ST.
VANCOUVER 1, B.C.
RECEIVED
3 DEC 1975
MINING RECORDER
LAND RECORDER
GEOLOGIST
G.M. & M.S.
GEOLOGICAL SURVEY
The reference scale for this map is 1:50,000. The original image is at 1:50,000 and has been reduced on the image. Everything on the original is reduced in the original size.
091702

BARRIER REEF RESOURCES LTD. (NPL) GOZ CREEK PROPERTY NTS 106C

NADALEEN RIVER AREA, MAYO MINING DISTRICT YUKON TERRITORY

DIAMOND DRILL SUMMARY RECORD

BY

CORDILLERAN ENGINEERING LTD. - 1418 - 355 BURRARD ST. VAN. B.C.

RECEIVED 1 DEC 1975 MINING RECORDER LAND AGENT MAYO Y.T. I.A. & N.D.

091702

HOLE No.	NORTHING	EASTING	ELEVATION	SECTION	INCLINATION	AZIMUTH	OVERBURDEN	CLAIM	% RECOVERY	DATE STARTED	DATE FINISHED	REMARKS	TOTAL DEPTH	TOTAL FOOTAGE
BAF 75-21	155,327·4	75,358·4	3804·8	11+070 SE 20+710 SW	-90	—	STICK UP 3·5' 4·5'	GOZ 4	90·0	MAY 30 D	JUNE 2 N	BQ	520·0	520·0
BAF 75-22	155,518·5	75,707·7	3969·0	11+070 SE 20+340 SW	-90	—	STICK UP 3·0' 3·0'	GOZ 2	81·0	JUNE 4 D	JUNE 9 D		685·0	1205·0
BAF 75-23	155,178·9	75,915·9	3734·9	SEC. L-M 20+340 SW	-90	—	STICK UP 2·8' 7·2'	GOZ 2	92·9	JUNE 10 D	JUNE 13 D		536·0	1741·0
BAF 75-24	157,089·7	82,292·2	3508·9	12+920 SE	-90	—	STICK UP 0·0' 15·0'	STOL 4	90·0	JUNE 11 D	JUNE 14 N		460·0	2201·0
BAF 75-25	155,150·2	75,457·1	3734·8	SEC. L-M 20+710 SW	-90	—	STICK UP 1·7' 8·3'	GOZ 4	94·5	JUNE 14 D	JUNE 17 D		534·0	2735·0
BAF 75-26	156,906·3	81,940·2	3524·1	12+920 SE	-90	—	STICK UP 3·8' 26·2' CAVE TO 38·0'	STOL 4	88·7	JUNE 16 D	JUNE 20 N		472·0	3207·0
BAF 75-27	155,467·2	77,887·3	3576·5	SEC. L-M 18+400 SW PROJECTED TO 12+900 SE	-90	—	STICK UP 2·5' 13·5'	LUV 2	98·4	JUNE 18 D	JUNE 20 D		492·0	3699·0
BAF 75-28	158,290·6	76,795·2	4794·2	9+200 SE	-90	—	STICK UP 3·3' 39·7'	DUO 6	75·4	JUNE 21 N	JUNE 29 N	BQ 0-415·0 AQ 415·0-836·0 RODS & CASING LEFT	836·0	4535·0
BAF 75-29	156,722·2	81,592·3	3513·0	12+920 SE	-90	—	STICK UP 3·1' 27·9'	STOL 3	87·4	JUNE 22 D	JUNE 25 D		408·0	4943·0
BAF 75-30	156,356·3	80,878·8	3482·7	12+920 SE	-90	—	STICK UP 2·2' 27·8' CAVE TO 38·0'	STOL 3	53·0	JUNE 27 D	JUNE 28 N		267·0	5210·0
BAF 75-31	158,390·5	76,962·9	4794·9	9+200 SE	-90	—	STICK UP 3·2' 9·8'	DUO 4	84·0	JUNE 30 D	JULY 3 D		332·0	5542·0
BAF 75-32	158,480·3	77,140·1	4690·8	9+200 SE SEC. H-I	-90	—	STICK UP 3·3' 34·7'	DUO 4	55·3	JULY 3 D	JULY 4 N		202·0	5744·0
BAF 75-33	158,195·0	76,619·5	4795·9	9+200 SE	-90	—	STICK UP 4·4' 48·0'	DUO 6	4·9	JULY 4 D	JULY 5 D		188·0	5932·0
BAF 75-34	158,101·9	76,448·3	4819·1	9+200 SE 18+400 SW	-90	—	STICK UP 1·0' 59·0'	DUO 6	31·5	JULY 5 D	JULY 10 D	BQ 0-70·0' AQ 70·0-252·0'	252·0	6184·0
BAF 75-35	157,900·7	76,109·2	4885·8	9+200 SE PROJECTED TO SEC. E-F	-90	—	STICK UP 2·0' 2·0'	DUO 6	56·7	JULY 9 D	JULY 11 N	BQ 0-210·0' AQ 210·0-240·0'	240·0	6424·0
BAF 75-36	157,802·3	75,937·6	4857·2	9+200 SE 19+000 SW	-90	—	STICK UP 3·5' 17·5'	DUO 5	58·6	JULY 12 D	JULY 18 D	70' CASING LEFT	448·0	6872·0
BAF 75-37	158,832·6	70,918·7	5696·6	22+960 SW	-90	—	STICK UP 2·0' 19·0'	BAF 39	92·5	JULY 14 D	JULY 16 D	RODS & CORE BARREL LOST	248·0	7120·0
BAF 75-38	157,137·3	71,712·9	5147·4	22+960 SW	-90	—	STICK UP 2·7' 11·3'	GOZ 8	87·3	JULY 17 D AUG 5 D	JULY 21 AUG 10	WEDGED AT 247·0-288·0' 35' CASING LEFT	755·0 HOLE 714.0	7875·0
BAF 75-39	157,449·8	76,138·1	4848·3	9+600 SE SEC. E-F SEC. B-C 19+000 SW	-90	—	STICK UP 1·4' 3·6'	DUO 5	85·6	JULY 20 D	JULY 22 N		380·0	8255·0
BAF 75-40	157,700·3	75,777·5	4779·3	9+200 SE SEC. G-H	-90	—	STICK UP 1·6' 12·4'	DUO 5	82·9	JULY 24 D	JULY 25 N		228·0	8483·0
BAF 75-41	158,300·1	71,047·6	5512·4	22+960 SW	-90	—	STICK UP 3·6' 6·4'	ANN 4	88·5	JULY 28 D	AUG 3 N		492·0	8975·0
BAF 75-42	157,605·1	75,603·7	4650·6	9+200 SE SEC. D-E SEC. B-C	-90	—	STICK UP 2·2' 8·8'	DUO 5	81·4	JULY 27 D	JULY 28 N		216·0	9191·0

BARRIER REEF RESOURCES LTD. (NPL) GOZ CREEK PROPERTY NTS 106C

NADALEEN RIVER AREA, MAYO MINING DISTRICT YUKON TERRITORY

DIAMOND DRILL SUMMARY RECORD

BY

CORDILLERAN ENGINEERING LTD. - 1418 - 355 BURRARD ST. VAN. B.C.

HOLE No.	NORTHING	EASTING	ELEVATION	SECTION	INCLINATION	AZIMUTH	OVERBURDEN	CLAIM	% RECOVERY	DATE STARTED	DATE FINISHED	REMARKS	TOTAL DEPTH	TOTAL FOOTAGE
BAF 75-43	157,489·8	75,411·3	4608·1	9+200 SE 19+600 SW	-90	—	STICK UP 3·3' 5·7'	DUO 5	84·8	JULY 30 D	JULY 31 N		252·0	9442·0
BAF 75-44	157,772·4	76,647·9	4650·8	9+600 SE SEC. G-H 18+400 SW	-90	—	STICK UP 2·8' 12·2'	DUO 6	81·3	AUG 2 D	AUG 3 N	NQ 0 - 120·0' BQ 120·0-221·0'	221·0	9664·0
BAF 75-45	158,450·3	76,242·2	5021·0	8+200 SE SEC E-F 18+400 SW SEC H-I	-90	—	STICK UP 4·0' 22·0'	DUO 6	70·4	AUG 7 D	AUG 9 N		326·0	9990·0
BAF 75-46	157,848·3	77,605·8	4684·3	10+000 SE SEC. G-H	-60 NO TEST	60°	STICK UP 2·6' 2·4'	DUO 4	74·2	AUG 11 D	AUG 19 D	NQ 0 - 24·0' BQ 24·0-654·0'	654·0	10,644·0
BAF 75-47	158,159·7	75,742·9	4937·5	8+800 SE SEC D-E 19+000 SW SEC A-B	-90	—	STICK UP 1·9' 10·1'	DUO 6	72·7	AUG 13 D	AUG 16 D	NQ 0 - 71·0' BQ 71·0 -388·0'	388·0	11,032·0
BAF 75-48	157,863·9	75,212·5	4903·2	8+800 SE 19+600 SW SEC. J-K	-90	—	STICK UP 1·0' 7·0'	STOL 7	70·8	AUG 18 D	AUG 22 D	NQ 0 - 80·0' BQ 80·0-387·0'	387·0	11,419·0
BAF 75-49	158,589·8	75,694·2	5151·5	8+400 SE SEC. D-E	-90	—	STICK UP 2·0' 14·0'	DUO 6	74·6	AUG 21 D	AUG 27 D	NQ 0 - 60·0' BQ 60·0-386·0'	386·0	11,805·0
BAF 75-50	157,650·8	74,866·6	4853·5	8+800 SE SEC G-H 20+000 SW SEC B-C	-90	—	STICK UP 2·5' 10·5'	STOL 7	76·8	AUG 23 D	AUG 27 D	NQ 0 - 82·0' BQ 82·0-345·0'	345·0	12,150·0
BAF 75-51	158,206·2	75,009·4	5147·4	8+400 SE 19+600 SW SEC. A-B	-90	—	STICK UP 3·2' 8·8'	STOL 8	86·3	AUG 29 D	AUG 31 N	NQ 0 - 103·0' BQ 103·0-387·0'	387·0	12,537·0
BAF 75-52	158,508·1	75,528·4	5119·9	8+400 SE SEC J-K 19+000 SW SEC H-I	-90	—	STICK UP 2·6' 4·4'	DUO 6	81·8	AUG 29 D	AUG 31 N	NQ 0 - 170·0' BQ 170·0-260·0'	260·0	12,797·0
BAF 75-53	158,792·5	75,246·2	5325·3	8+000 SE 19+000 SW	-90	—	STICK UP 2·0' 3·0'	STOL 8	80·7	SEPT 2 D	SEPT 4 D	NQ 0 - 130·0' BQ 130·0-348·0'	348·0	13,145·0
BAF 75-54	158,464·3	75,066·6	5232·9	8+200 SE SEC. H-I	-55 NO TEST	240°	STICK UP 3·0' 10·0	STOL 8	76·7	SEPT 3 D	SEPT 6 D	NQ 0 - 101·0 BQ 101·0-376·0'	376·0	13,521·0
BAF 75-55	157,406·0	75,020·0	4686·3	20+000 SW SEC. J-K	-50 NO TEST	25°	STICK UP 2·0' 9·0'	STOL 7	77·9	SEPT 6 D	SEPT 9 D	NQ 0 - 80·0' BQ 80·0-284·0'	284·0	13,805·0
								AVERAGE % RECOVERY	73·0%				TOTAL FOOTAGE	13,805·0

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

~~DDH 75-21~~

Hole No: DDH 75-21
Claim: [illegible]
Property: GOLD CREEK
Overburden: 4.0
Logged by: [illegible]
Elevation: 3809.8
Section: 1+ 5E
Date Started: mar 5/75
Contractor: [illegible]
Scale: 1:10
Northing: 1187327.4
Inclination: -90°
Date Finished: mar 5/75
Core Size: BQ
Core Stored at: [illegible]
Easting: 75,389.9
Azimuth:
Total Depth: 42.0
% Core Rec'y: 98.0%

NOTES	LITHOLOGY	COLOR	CROSS SECTION	SAMPLES / ASSAYS / NOTES	SAMPLE NUMBER	FROM	TO	LENGTH	% CORE RECOVERY	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
STICK-UP						0.0							
OVERBURDEN				OVERBURDEN		4.0							
					01	4.0	6.0	2.0	100	0.02	0.02	0.02	
						6.0				0.01	0.01	0.01	
					02	6.0	8.0	2.0	100	0.02	0.02	0.02	
						8.0				0.01	0.01	0.01	
					03	8.0	10.0	2.0	100	0.02	0.02	0.02	
						10.0				0.01	0.01	0.01	
					04	10.0	12.0	2.0	100	0.02	0.01	0.01	
						12.0				0.01	0.01	0.01	
					05	12.0	14.0	2.0	100	0.02	0.02	0.02	
						14.0				0.01	0.01	0.01	
					06	14.0	16.0	2.0	100	0.02	0.01	0.01	
						16.0				0.01	0.01	0.01	
					07	16.0	18.0	2.0	100	0.02	0.01	0.01	
						18.0				0.01	0.01	0.01	
					08	18.0	20.0	2.0	100	0.02	0.02	0.02	
						20.0				0.01	0.01	0.01	
					09	20.0	22.0	2.0	100	0.02	0.02	0.02	
						22.0				0.01	0.01	0.01	
					10	22.0	24.0	2.0	100	0.02	0.02	0.02	
						24.0				0.01	0.01	0.01	
					11	24.0	26.0	2.0	100	0.02	0.02	0.02	
						26.0				0.01	0.01	0.01	
					12	26.0	28.0	2.0	100	0.02	0.02	0.02	
						28.0				0.01	0.01	0.01	
					13	28.0	30.0	2.0	100	0.02	0.02	0.02	
						30.0				0.01	0.01	0.01	
					14	30.0	32.0	2.0	100	0.02	0.02	0.02	
						32.0				0.01	0.01	0.01	
					15	32.0	34.0	2.0	100	0.02	0.02	0.02	
						34.0				0.01	0.01	0.01	
					16	34.0	36.0	2.0	100	0.02	0.02	0.02	
						36.0				0.01	0.01	0.01	
					17	36.0	38.0	2.0	100	0.02	0.02	0.02	
						38.0				0.01	0.01	0.01	
					18	38.0	40.0	2.0	100	0.02	0.02	0.02	
						40.0				0.01	0.01	0.01	
					19	40.0	42.0	2.0	100	0.02	0.02	0.02	
						42.0				0.01	0.01	0.01	
					20	42.0	44.0	2.0	100	0.01	0.01	0.01	
						44.0				0.01	0.01	0.01	
					21	44.0	46.0	2.0	100	0.02	0.02	0.02	
						46.0				0.01	0.01	0.01	
					22	46.0	48.0	2.0	100	0.02	0.02	0.02	
						48.0				0.01	0.01	0.01	
					23	48.0	50.0	2.0	100	0.02	0.02	0.02	
						50.0				0.01	0.01	0.01	
					24	50.0	52.0	2.0	100	0.02	0.02	0.02	
						52.0				0.01	0.01	0.01	
					25	52.0	54.0	2.0	100	0.02	0.02	0.02	
						54.0				0.01	0.01	0.01	
					26	54.0	56.0	2.0	100	0.02	0.02	0.02	
						56.0				0.01	0.01	0.01	
					27	56.0	58.0	2.0	100	0.02	0.02	0.02	
						58.0				0.01	0.01	0.01	
					28	58.0	60.0	2.0	100	0.02	0.02	0.02	
						60.0				0.01	0.01	0.01	
					29	60.0	62.0	2.0	100	0.02	0.02	0.02	
						62.0				0.01	0.01	0.01	
					30	62.0	64.0	2.0	100	0.02	0.02	0.02	
						64.0				0.01	0.01	0.01	
					31	64.0	66.0	2.0	100	0.02	0.02	0.02	
						66.0				0.01	0.01	0.01	
					32	66.0	68.0	2.0	100	0.02	0.02	0.02	
						68.0				0.01	0.01	0.01	
					33	68.0	70.0	2.0	100	0.02	0.02	0.02	
						70.0				0.01	0.01	0.01	
					34	70.0	72.0	2.0	100	0.02	0.02	0.02	
						72.0				0.01	0.01	0.01	
					35	72.0	74.0	2.0	100	0.02	0.02	0.02	
						74.0				0.01	0.01	0.01	
					36	74.0	76.0	2.0	100	0.02	0.02	0.02	
						76.0				0.01	0.01	0.01	
					37	76.0	78.0	2.0	100	0.02	0.02	0.02	
						78.0				0.01	0.01	0.01	
					38	78.0	80.0	2.0	100	0.02	0.02	0.02	
						80.0				0.01	0.01	0.01	
					39	80.0	82.0	2.0	100	0.02	0.02	0.02	
						82.0				0.01	0.01	0.01	
					40	82.0	83.5	1.5	100	0.06	0.06	0.06	
					41	83.5	84.5	1.0	100	3.55	3.55	3.55	
					42	84.5	86.5	2.0	100	0.02	0.02	0.02	
						86.5				0.01	0.01	0.01	
					43	86.5	88.5	2.0	100	0.02	0.02	0.02	
						88.5				0.01	0.01	0.01	
					44	88.5	90.5	2.0	100	0.02	0.02	0.02	
						90.5				0.01	0.01	0.01	
					45	90.5	92.5	2.0	100	0.02	0.02	0.02	
						92.5				0.01	0.01	0.01	
					46	92.5	94.5	2.0	100	0.02	0.02	0.02	
						94.5				0.01	0.01	0.01	
					47	94.5	96.5	2.0	100	0.02	0.02	0.02	
						96.5				0.01	0.01	0.01	
					48	96.5	98.5	2.0	100	0.02	0.02	0.02	
						98.5				0.01	0.01	0.01	
					49	98.5	100.5	2.0	100	0.02	0.02	0.02	
						100.5				0.01	0.01	0.01	
					50	100.5	102.5	2.0	100	0.02	0.02	0.02	
						102.5				0.01	0.01	0.01	
					51	102.5	104.5	2.0	100	0.02	0.02	0.02	
						104.5				0.01	0.01	0.01	
					52	104.5	106.5	2.0	100	0.02	0.02	0.02	
						106.5				0.01	0.01	0.01	
					53	106.5	108.5	2.0	100	0.02	0.02	0.02	
						108.5				0.01	0.01	0.01	
					54	108.5	110.5	2.0	100	0.02	0.02	0.02	
						110.5				0.01	0.01	0.01	
					55	110.5	112.5	2.0	100	0.02	0.02	0.02	
						112.5				0.01	0.01	0.01	
					56	112.5	114.5	2.0	100	0.20	0.20	0.20	
						114.5				0.10	0.10	0.10	
					57	114.5	116.5	2.0	100	0.01	0.01	0.01	
						116.5				0.01	0.01	0.01	
					58	116.5	118.5	2.0	100	0.02	0.02	0.02	
						118.5				0.01	0.01	0.01	
					59	118.5	120.5	2.0	100	0.01	0.01	0.01	
						120.5				0.01	0.01	0.01	
					60	120.5	122.5	2.0	100	0.01	0.01	0.01	
						122.5				0.01	0.01	0.01	
					61	122.5	124.5	2.0	100	0.01	0.01	0.01	
						124.5				0.01	0.01	0.01	
					62	124.5	126.5	2.0	100	0.01	0.01	0.01	
						126.5				0.01	0.01	0.01	
					63	126.5	128.5	2.0	100	1.70	1.70	1.70	
						128.5				0.10	0.10	0.10	
					64	128.5	130.5	2.0	100	0.12	0.12	0.12	
						130.5				0.01	0.01	0.01	
					65	130.5	132.5	2.0	100	0.01	0.01	0.01	
						132.5				0.01	0.01	0.01	
					66	132.5	134.5	2.0	100	0.01	0.01	0.01	
						134.5				0.01	0.01	0.01	
					67	134.5	136.5	2.0	100	0.02	0.02	0.02	
						136.5				0.01	0.01	0.01	
					68	136.5	138.5	2.0	100	0.01	0.01	0.01	
						138.5				0.01	0.01	0.01	
					69	138.5	140.5	2.0	100	0.37	0.04	0.36	
						140.5				0.01	0.01	0.01	
					70	140.5	142.5	2.0	100	0.02	0.01	0.02	
						142.5				0.01	0.01	0.01	
					71	142.5	144.5	2.0	100	0.02	0.02	0.02	
						144.5				0.01	0.01	0.01	
					72	144.5	146.5	2.0	100	0.01	0.01	0.01	
						146.5				0.01	0.01	0.01	
					73	146.5	148.5	2.0	100	1.49	1.49	1.49	
						148.5				0.10	0.10	0.10	
					74	148.5	150.5	2.0	100	1.61	1.61	1.61	
						150.5				0.10	0.10	0.10	
					75	150.5	152.5	2.0	100	0.01	0.01	0.01	
						152.5				0.01	0.01	0.01	
					76	152.5	154.5	2.0	100	0.25	0.25	0.25	
						154.5				0.10	0.10	0.10	
					77	154.5	156.5	2.0	100	0.01	0.01	0.01	
						156.5				0.01	0.01	0.01	
					78	156.5	158.5	2.0	100	0.01	0.01	0.01	
						158.5				0.01	0.01	0.01	
					79	158.5	160.5	2.0	100	0.01	0.01	0.01	
						160.5				0.01	0.01	0.01	
				END BAF 75-21									
END													

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: DDH 93-22 Claim: GRID 2
Elevation: 2,750'± Section: 21 & 22
Northing: 12,575,515.0' Declination: -90°
Easting: 715,707.3' Azimuth: 90°

Property: GRID CORE
Date Started: June 8, 1993
Date Finished: June 9, 1993
Total Depth: 545'

Overburden: 5.0'
Contractor: LONGYEAR
Drill Size: BQ
% Core Rec.: 95

Logged by: D. LEVINSON
Date: 7-15-93
Core Stored at: Grid #4

Surveys (depth - dip):
0 - 90°
545 - 90°

NOTES	VERTICAL DEPTH (FEET)	GEOLOGICAL CODE	BEDDING	ROCK TYPE	NOTES	SAMPLE NUMBER	% Zn TOTAL	% Zn SULFIDE	% Zn SULPHIDE	%
					SPACING 10'-30'					
					OVERBURDEN					
								091702		
TOC UNIT VOL 3 - 20% SPHG CHERTY BRECCIA TO 0.5% SPHG CHERTY BRECCIA WITH 5% CHERT FRAGMENTS (BELOW 20.0') WITH 1% SPHG IN CHERT FRAGMENTS & THE MATRIX (BELOW 20.0')	20									
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CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: DDH-03 Claim: [illegible] Property: BRP - 002 Overburden: N/A Logged by: R.L. LEWANDOWSKI
Elevation: 3,739.9 Section: [illegible] Date Started: JUNE 10/03 Contractor: CANDERILL Scale: 1" = 10'
Northing: 1,854,987 Inclination: -90 Date Finished: JUNE 10/03 Core Size: BQ Core Stored at: [illegible]
Easting: 755,412 Azimuth: Total Depth: 63.60' % Core Rec'y: 93.7% Collar: [illegible]

NOTES	LITHOLOGY	COLOR	SECTION	DEPTH	ALTERATION	MINERALIZATION	NOTES	SAMPLE NO.	NUMBER	% TRAVEL IN	ASSAYS ESTIMATES % Zn TOTAL	% Zn SULPHIDE	% Zn SULPHATE	% Pb
STAKE UP				0.0								091702		
								81001-81070						
OVERBURDEN 60% SAND GRAVEL 15% PEBBLES 25% VERY FILLING.				15.0										
				20.0				1	74	0.07	0.05	0.02		
				25.0			RX MARBLE BX. 5% FOLIATED MARBLE FILLED FRACTURES 1-2 MM WITH CALCITE & MINOR PYRITE. LIGHT BROWN WEATHERING. LOW TO MOD. ZN.							
				33.0			GRAPH. VEIN FOLIATED 20% TO 35% PYRITE. 5% MARB. SEM. IN FOLIATED. 2-10% ZN							
DEVIATIONAL CONTACT 10° TO				40.0										
40% SAND GRAVEL REDUCED IN SIZE DUE TO GRAPHITE PARTICLES.							RX MARBLE BX. 5% FOLIATED MARBLE BX FINE GRAINED 5% GRAPHITE 2-10% ZN.							
				50.0			GRAPH. VEIN FOLIATED.							
SANDING 2.45°														
				60.0				2	73	0.14	0.11	0.03		
MUDDY MOTTLED LIMONITE WELL ON SURFACE. 10% SAND. 5% PEBBLES. 10% BLEACHED. 10% SERICITE. 10% CHLORITE.							E.SPH. IN VEIN 10% SEM. & OPEN. 2-5%							
				70.0				3	92	0.12	0.09	0.03		
STE BANDING 15°							GRAPH. VEIN FOLIATED.							
				80.0			SPH. 4-10%							
40-50% SAND GRAVEL MOTTLING BY STE. 10% PEBBLES. 5% BLEACHED. 5% CHLORITE. 5% DISTRIBUTED.														
				90.0			SPH IN VEIN 60% ZN.							
								4	100	0.16	0.03	0.13		
				100.0			VERY VEIN. MOD. CALCITE.	5	92	0.65	0.08	0.57	1.20	
								6	100	0.07	0.02	0.05	0.03	
VEIN BANDING STE. GRAPHITE 5-10°								7	90	0.05	0.03	0.02		
				110.0				8	100	0.19	0.03	0.16		
								9	78	0.72	0.15	0.57		
				120.0				10	90	0.31	0.05	0.26		
40-50% SAND GRAVEL MOTTLING WITH 10% PEBBLES. 10% BLEACHED. 10% CHLORITE. 10% DISTRIBUTED.							GRAPHITE 5-7% VERY. 10° DIP							
				130.0				11	100	1.10	0.09	1.01		
								12	92	1.10	0.09	1.01		
25-30% SAND GRAVEL 30% BLEACHED. 10% CHLORITE. 10% PEBBLES.								13	100	0.31	0.06	0.25		
				140.0				14	76	0.88	0.12	0.75		
							RX MARBLE BX. 10% SEM. & OPEN. 2-5% SERICITE.	15	94	1.05	0.05	1.00		
								16	95	1.90	0.08	1.82		
				150.0			RX MARBLE BX. 5% BLEACHED 10% SEM.	17	98	0.78	0.08	0.70		
							GRAPH. VEIN 5% SEM. & OPEN. SPH. 1%	18	90	0.40	0.10	0.30		
SHEAR ZONE 45° VEINS CHANGE.								19	92	0.10	0.03	0.07		
				160.0										
							RX MARBLE BX. SHALLOW TO TWO SIDES OF VEIN. 5% SEM. & OPEN. 10% SERICITE. FRACTURES.	20	98	3.05	0.08	2.97		
								21	97	0.37	0.03	0.34		
MUDDY MOTTLED 15% SAND GRAVEL LOCAL CONCENTRATION OF PEBBLES 10% 10% BLEACHED.				170.0				22	96	0.40	0.02	0.38		
							GRAPHITE VEINS 10% SEM. 10% OPEN.							
							RX MARBLE BX. 5% SEM. & OPEN. 2-5% SERICITE. 2-5% PYRITE. 10% BLEACHED.	23	99	2.18	0.09	2.09		
				180.0				24	95	0.53	0.02	0.51		
							BOULDERS UNKNOWN							
							SPH. 5-10% ZN							
							PYRITE VEINS 10% SPH.							
THICKED COMPACT 75° 50% SAND GRAVEL.				190.0										
							SOLUTION BX. LARGE FRAGMENTS SEMI-ROUNDED. FRAGMENTS 1-5 CM. 10% VEINS. 5% SEM. & OPEN. 2-5% ZN.	25	100	0.16	0.01	0.09		
				200.0				26	98	0.58	0.02	0.56		
								27	99	1.05	0.03	1.02		
							RX MARBLE BX. 10% SEM. & OPEN. 2-5% SERICITE. 2-5% PYRITE. 10% BLEACHED. MODERATE. 5-8 CM.	28	90	0.18	0.01	0.17		
				210.0										
							SOLUTION BX. LARGE FRAGMENTS SEMI-ROUNDED. 10% SEM. & OPEN. 2-5% ZN.	29	98	0.63	0.03	0.60		
SHEAR ZONE 45°				220.0										
								30	98	2.80	0.05	2.75		
MUDDY MOTTLED CLAYEY 10% BX.							SPH. 1% & SEM. 2-5% ZN.	31	98	3.60	0.06	3.54		
							RX MARBLE BX.	32	100	0.18	0.01	0.17		
				230.0										
SHEAR ZONE 45°														
				240.0										
							BX WITH GRAVEL GRAVEL OF SOLUTION BX. 10% SEM. & OPEN. 2-5% SERICITE. 1-2% PYRITE. 1-5% ZN.	33	100	0.27	0.01	0.26		
				250.0				34	100	0.61	0.02	0.59		
								35	100	0.28	0.01	0.27		
							PYRITE VEIN 10% SEM. (10%)	36	100	0.55	0.02	0.53		
				260.0										
							10% IN VEINS 10% SPH. & PYRITE. FAULT IN PART. 10% OPEN.	37	100	0.27	0.01	0.26		
								38	100	0.25	0.01	0.24		
				270.0				39	100	0.27	0.01	0.26		
								40	100	0.25	0.01	0.24		
				280.0										
								41	100	0.40	0.01	0.39		
								42	100	0.37	0.01	0.36		
				290.0			PORTIONS OF THE SOLUTION BX. 10% SEM. & OPEN.	43	98	0.12	0.01	0.11		
								44	98	0.61	0.02	0.59		
				300.0										
							10% IN ZN. OPEN							
				310.0										
								45	88	0.37	0.02	0.37		
												0.37		
				320.0				46	100	0.37	0.01	0.36		
								47	100	0.07	0.01	0.06		
				330.0										
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				2770.0										
				2780.0										
				2790.0										
				2800.0										
				2810.0										
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				2940.0										
				2950.0										
				2960.0										
				2970.0										
				2980.0										
				2990.0										
				3000.0										
				3010.0										
				3020.0										
				3030.0										
				3040.0										
				3050.0										
				3060.0										
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				3100.0										
				3110.0										
				3120.0										
				3130.0										
				3140.0										
				3150.0										
				3160.0										
				3170.0										
				3180.0										
				3190.0										
				3200.0										
				3210.0										

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAR 75 24 | Claim: STOL 4 | Property: BAR 602 | Overburden: 15.0' | Logged by: T. TERRIFF
Elevation: 3508.9 | Section: 2+00 S | Date Started: JUNE 11 | Contractor: LONG YEAR | Scale: 1" = 10'
Northing: 257087 | Inclination: -70 | Date Finished: JUNE 14 | Core Size: BQ | Core Stored at: CANU
Easting: 32,242.2 | Azimuth: | Total Depth: 150' | % Core Rec'y: 90.0

NOTES	LITHOLOGY & COLOR	SECTION (Footage)	STRUCTURAL & MINERAL METHODS	NOTES	SAMPLE NO.	% CORE REC'Y & SAMPLE	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
OVERBURDEN		10								
micro mottled dolostone slightly arenaceous locally vuggy stylolites present		20								
Arenaceous bands, siliceous, found throughout horizon	NC	30		calc bx - vuggy filled with later calcite & minor sphalerite & galena						
		40		py is found in minor quantities in vugs and bands throughout horizon						
		50								
		60								
		70								
	NC	80								
matrix banding		90		bx: matrix sandy clasts - quartz size 2-5 mm						
		100		py infilling along stylolites						
		110		bx: matrix sandy clasts - quartz size 2-5 mm						
		120		py infilling along stylolites, minor sph						
Flow structures in bx matrix banding		130.0		Solo bx matrix - sand grains clasts - most minerals of same size? size: 2-4 - 1-2 mm						
	NC	140								
Micro mottled dolo stone slightly arenaceous locally vuggy	NC	150		gts infilling vugs						
		160								
		170								
sand grain cracked decreases w/ depth slightly vuggy	NC	180		minor py in fine minor gts infilling vugs						
Micro mottled dolostone		190		gts blebs scattered between 190.0 - 193.0						
		200								
micro-mottled		210		bx: matrix - lsp, dol clasts, matrix - quartz size 1-2 mm extremely fine grained dol matrix						
slightly arenaceous throughout	NC	220		minor blebs of gts						
		230								
mottled dolo	NC	240								
fault bx		250		bx: matrix - lsp, dol & some gts ? clasts, matrix - quartz size 1-2 mm minor py						
		260								
rare sand grains present locally coarse		270								
Stylolites present		280		minor gts infilling vugs throughout calc horizon						
Fault bx ?		290		fault bx - matrix consists sph clasts - subangular to rounded size 1-2 mm						
		300		bx: matrix - dark fine to medium grained dol clasts - most is sph size 2-5 mm sub angular to rounded						
		310		py in stylolites						
		320								
		330								
		340								
		350								
		360								
		370								
		380								
		390								
		400								
Arenaceous mottled dolostone		410								
		420								
slightly vuggy		430		gts infilling some vugs						
		440								
		450								
		460								
		470								
		480								
		490								
		500								
vuggy dolo		510		py in stylolites						
slightly arenaceous		520								
slightly arenaceous		530		gts blebs						
mottled slightly arenaceous vuggy		540								
		550								
slightly arenaceous vuggy	NC	560		py infilling fine						
		570								
END		580								

SAMPLE NO.	% CORE REC'Y & SAMPLE	% Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
121.5					
122	97	0.01	0.01	0.01	
122.5					
123.5	99	1.55	0.02	1.53	
124	67	0.03	0.01	0.02	
133.5					

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 95 25 Claim: GC2 4 | Property: BAF-GC2 | Overburden: 9.5' | Logged by: D. LEONARD
Elevation: 3,398.8 | Section: 36.5 | Grid: | Date Started: JUNE 14 | Contractor: LONGYEAR | Scale: 1"=10.0'
Northing: 1,595,180.2 | Inclination: -90 | Date Finished: JUNE 17 | Core Size: BQ | Core Stored at: CAMP
Easting: 15,487.1 | Azimuth: | Total Depth: 53.6 | % Core Rec'y: 96.5

NOTES	LITHOLOGY	COLOR	STRUCTURE	SECTION	ALTERATION	MINERALIZATION	NOTES	SAMPLE NO.	NUMBER	ASSAYS ESTIMATED % Au	% Ag	% Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
(NEW BURDEN STICK-UP 1.7')															091702
								2mm SERIES							
								LIDDY-SERIES							
CLOSE SAND GRAINS WITH SILICIFICATION (ALTERATION) PRESENT. 80-0.25'; TO PRE BANDS OF SANDY GRAINS WITH OTHER PHYSITIC MINS							SMOKY QUARTZ IN TOP OF SAND GRAINS PRESENT VEIN.		51	60	0.15	0.10	0.05
									52	99	0.06	0.04	0.02
							TECTONIC BX. BX FLOW & MASSIVE SULPHIDE MATRIX. SUL. BANDING.		53	99	0.01	0.01	0.0
									54	98	0.08	0.06	0.02
									55	70	0.07	0.05	0.02
							SPH W/ PYRITE VEINS. 1-2mm		56	91	0.29	0.09	0.20
									57	90	0.40	0.35	0.05
									58	91	0.10	0.06	0.04
									59	93	0.07	0.05	0.02
SLICKENSIDES 4-55°							SPH W/ SPHS IN VUGS.		60	91	0.09	0.08	0.06
									61	90	0.35	0.04	0.31
									62	98	0.28	0.07	0.21
SLICKENSIDES 4-55°													
FAULT 4-55°							TECTONIC BX. BX FLOW & MASSIVE SULPHIDE MATRIX. CLASTS - ROUNDED, MINERALIZED W/ SUL. SUPERIMPOSED ON MASSIVE SULPHIDE.		63	86	0.61	0.05	0.56
									64	99	0.50	0.04	0.46
							SPH (R) OCCURS AS FRACTURE FILLINGS & VUGS		65	98	1.30	0.13	1.17
									66	90	0.70	0.07	0.63
SPHR AS VEIN FILLING							TECTONIC BX. BX FLOW, MASSIVE SULPHIDE MATRIX W/ SUPERIMPOSED SULPHIDE. CLASTS ROUNDED.		67	97	0.58	0.05	0.53
									68	97	3.00	0.06	2.94
BANDING SAND GRAINS 4-55°							SPH ASSOC. W/ SPHR VEINS.		69	98	0.23	0.04	0.19
1-60% SAND GRAINS													
							SPH ASSOC. W/ QTZ + SPHR W/ VUGS.		70	99	0.75	0.08	0.67
									71	98	0.96	0.11	0.85
SAND GRAINS 1-60%							SILICIFICATION BX. W/ SUL. MATRIX. BX. CLASTS - SAND GRAINS. PRESENCE OF PYRITE VEINS (1-2mm) PARALLEL TO BX.		72	99	0.43	0.03	0.40
									73	99	0.28	0.03	0.25
							PYRITE BANDS W/ SUL. MATRIX.		74	99	0.50	0.05	0.45
SLICKENSIDES 4-55°									75	96	2.50	0.10	2.40
CLASTS ARE MORE DISTINCT IN THIS PART AND SAND GRAINS.							SULPHIDE CLAST MASSIVE BX - HIS MUCH MOTTLED. CLASTS - SAND GRAINS. PYRITE VEINS (1-2mm) (ROUNDED)		76	99	0.50	0.04	0.46
									77	100	0.43	0.02	0.41
							SPH ASSOC. W/ SULPHIDE MATRIX.		78	100	0.83	0.04	0.79
1-60% SAND GRAINS							PYRITE VEIN						
							TECTONIC BX. BX FLOW, MASSIVE SULPHIDE MATRIX. SPH IN VUGS. FRACTURES, VEINS. CLASTS - ROUNDED. CLASTS 1-2 mm.		79	100	0.10	0.02	0.08
									80	100	0.16	0.02	0.14
									81	99	0.22	0.02	0.20
							PYRITE VEIN						
									82	99	0.08	0.01	0.07
							SPH (R) VEINS W/ QTZ + PYRITE OFTEN.		83	100	1.50	0.04	1.46
									84	96	0.93	0.04	0.89
							TECTONIC BX. BX FLOW, MASSIVE SULPHIDE MATRIX. FRAGMENTS - 6mm		85	93	0.16	0.02	0.14
1-5% SAND GRAINS													
MUCH MOTTLED 10-20% SAND GRAINS. 1-2% DIS. PYRITE. 30 MM. BLEBS							QTZ OF SPH (R) VEINS & BANDS						
35°R. 20°													
							SPH IN BX MATRIX. 60-70 ASSOC. W/ LAMP QTZ.						
							TECTONIC BX. BX FLOW MATRIX. CLASTS - ROUNDED. SIZE: 0.1-3mm						
PYRITE SEAM 5.00							PYRITE SEAM						
							VUG COATED						
TRANSITION TO MAS. PYRITE IN SPHALERITE													
1-60% SAND GRAINS 1-5% DIS. PYRITE.													
SAND FORMS BAND 6.80' OF VEINS - VEINS OFTEN PARALLEL W/ SAND ORIENTATION							VUG COATED						
							VUG COATED IN						
SHEAR ZONE 4.10'									86	100	0.14	0.02	0.12
									87	100	0.12	0.01	0.11
							SPH (R) ASSOC. W/ QTZ. INS SPHR VEIN. FOLD W/ SHEAR TEXTURE.		88	100	0.05	0.01	0.04
									89	91	0.03	0.01	0.02
									90	100	0.07	0.01	0.06
SPHR VUG GROWS FROM SHEAR ZONE. SPHR STRUCTURES MORE ABUN. AT THE TOP W/ QTZ.													
									91	100	0.10	0.01	0.09
							BX W/ PYRITE MATRIX. CLASTS ROUNDED. SIZE 1-3mm. 1-2% DIS. PYRITE. 1-2% PYRITE VEINS IN BX.		92	100	0.59	0.02	0.57
									93	100	0.20	0.09	0.11
									94	100	0.10	0.02	0.08
							PYRITE VEINING W/ MINOR ASSOC. SPH. SPH. < 0.75 IN.						
SPHR INFILLING & MINOR CLASTS. SPHR VEINS & SPHR PRESENT BETWEEN RANGE IN PLACES							"SOLUTION BX." SPHR FRAGMENTS SHATTERED AND SPLITTERED. MAY BE DUE TO SOLUTION PRESSURE. FRACTURING BEFORE SPHR FILLING. CLASTS - SPHR.						
							SPH W/ PY VEINS < 0.5 IN. 2% SPHR OUT						
DIS. PYRITE 10-15%													
1-2% 1-5 SAND GRAINS							SPH. W/ IN VUG PYRITE. 0.5% 2% SPHR. 0.5"						
10-15% SAND GRAINS. SAND GRAINS ARE MOTTLED BETWEEN SPHR PHASE.									95	98	0.01	0.01	0.0
							SPHR (R) VEIN IN SPHERIC VUGS		96	100	0.42	0.02	0.40
									97	98	0.04	0.01	0.03
							PYRITE VEINS						
							SAND GRAINS IN THE LAST 30' ARE DIFFERENT + FROSTED.						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: [illegible] Claim: [illegible] Property: [illegible] Overburden: [illegible] Logged by: [illegible]
Elevation: 3509.1 Section: [illegible] Date Started: [illegible] Contractor: [illegible] Scale: [illegible]
Northing: 19,896.3 Inclination: -90 Date Finished: [illegible] Core Size: [illegible] Core Stored at: [illegible]
Easting: 19,894.2 Azimuth: Total Depth: 47.2' % Core Rec'y: 98.7%

091702

NOTES	LITHOLOGY TEXTURE	SECTION	UNDERGROUND WORKINGS	NOTES	SAMPLE INC NUMBER	% CORE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
STICK UP										
OVERBURDEN										
UNKNOWN DUE TO CAVE										
slightly weathered fragments of sand from hanging chimney				minor rocks of sandstone found in fresh rocks of spar						
				sphe and spar infilling cracks						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF-95-27 Claim: Lion 2 Property: BAF 602 Overburden: 13.5' Logged by: R. LENNOX
Elevation: 3576.5 Section: Date Started: JUNE 18/95 Contractor: LAND YEAR Scale: 1" = 10'
Northing: 155,967.2 Inclination: -45° Date Finished: JUNE 20/95 Core Size: BQ Core Stored at: CAMP
Easting: 77,887.3 Azimuth: Total Depth: 492.0 % Core Rec'y: 99.4%

NOTES	LITHOLOGY	COLOR	ALTERATION	SELECTION	NOTES	SAMPLE INC. NUMBER	SAMPLE LENGTH	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn INSOLUBLE	%
STICK-UP				0							
OVERBURDEN				10	OVERBURDEN HAS GREY-WHITE	21092				0.02	0.02
						21126					
CLOS. SAND GRAINS (1% VUGS) WITH SILICATE ON VUGS GROUTY WISPS REC CONTINUES. VUGS 1-2% MAINLY SILICA, TRACE FINELY W/ MINOR SPAR				20							
CLOS. SAND GRAINS, 1% VUGS, SILICATED - MOSTLY 1% VUGS W/SPAR				30							
CLOS SAND GRAINS 1% VUGS W/SPAR				40							
				50	PYRITE VEINING						
SHEAR 45° VUGS NEW FILLED W/ QTZ & SPAR.				60	TECTONIC BX. TEXTURE, FOLIATION, ROCK-QTZ-SPAR, ROCK-SPAR, ROCK-CARBONATE FRACTURES.						
2) SHEAR 45°				70	TECTONIC BX. WEAK TEXT						
1) SHEAR 45°				80	GENERAL FOLIATION IN THIS ZONE. TECTONIC BX. SHEAR ZONE						
QTZ - CARBONATE FRACTURING FOLLOWING SHEAR 4 45°				90	PYRITE VEIN 5%						
				100	TECTONIC BX.						
				110	PYRITE VEINS 5%						
FRACTURE 45°				120	SPL W/ PY - QTZ - CARB. QTZ. 0-1% SPL.						
				130	PYR-QTZ-CARB. VEINING, PRESENT PRIOR TO TECTONIC MOVEMENT						
10% VUGS W/ QTZ & SPAR.				140							
PYRITE VEIN 40°				150							
SECTIONS OF BRECCIATED, SILICATED, WHITE QTZ. - 1% PYRITE. PYRITE IS PRESENT ONLY WITHIN QUAT VEIN OR VUGS				160	FLUID BX. SOLUTION BX. SUSPENDED FRAGMENTS IN QTZ-CARB. TEXTURE BX.						
FAULT 45°				170	SPL WITH PRESENT.						
SAND GRAINS (80% C.G. CAPPED 10% TRANSLUCENT 10% PRESENT. 80% MVG.				180	50% PYRITE W/ 10% VEINS - VUGS (10%) ON VUGS WITH SPAR. SPL WITH SAME COMMONLY.	127	97	2.18	0.02	0.16	
						128	99	0.28	0.02	0.26	
						129	111	0.27	0.02	0.26	
						130	121	1.70	0.06	1.64	
						131	100	0.85	0.03	0.82	
						132	101	1.85	0.05	1.80	
						133	101	0.06	0.01	0.05	
				190		134	100	0.12	0.01	0.11	
						135	100	0.28	0.02	0.26	
						136	101	0.73	0.01	0.71	
						137	101	0.32	0.02	0.30	
						138	100	0.12	0.01	0.11	
						139	105	0.10	0.01	0.09	
						140	101	1.43	0.06	1.37	
						141	101	0.95	0.02	1.93	
						142	101	0.95	0.02	0.93	
						143	101	0.86	0.02	0.84	
						144	100	0.92	0.02	0.90	
						145	100	0.95	0.02	0.93	
						146	100	0.16	0.01	0.15	
						147	99	0.22	0.01	0.21	
						148	99	0.59	0.02	0.58	
						149	101	0.32	0.02	0.31	
						150	111	0.40	0.06	0.34	
						151	109	0.20	0.01	0.19	
						152	101	1.70	0.03	1.67	
						153	102	0.70	0.02	0.68	
						154	98	0.10	0.01	0.09	
						155	99	0.55	0.02	0.53	
						156	98	0.05	0.01	0.04	
10% SAND GRAINS				200							
20% TO 1MM GRAINS				210							
MINOR 1% VUGS W/ SPAR. TRACE FERRIC.				220	25% PYRITE VEINS						
					GB (MASSIVE, VEINS) VEINS						
					GRANITIC GREYWACKE (MINERALOGY VERY CALC. FEAR. MAFICS, PLAGIOCLASE, SERICITE)						
					SPL (1%) SEE ALSO 1% SPL IN MINOR VUGS (LEPS)						
					SPL (1%) AGGREGATES (GREYWACKE)						
CLOS SAND GRAINS (20% 1MM) 1% FERRIC. WITH PYRITE VEINS 4 45°				230							
				240							
CLOS SAND GRAINS 4 80°				250							
SHEAR ZONE 4 70°				260							
PYRITE VEINS 40-50°				270							
				280							
FRACTURE CONTROL 4 70°				290	PYRITE VEINS FOR VEL.						
				300							
				310							
				320							
				330							
				340							
				350							
				360							
				370							
				380							
				390							
				400							
				410							
				420							
				430							
				440							
				450							
				460							
				470							
				480							
				490							
				500							

END 492.0

OVERALL FOLIATION THROUGHOUT THE HOLE BUT THE CLASTS ENCLOSE THERE OTHER 3 HOLES TONALITE MINER ALIZED

ALL IN MUSCO - MICRO CONSISTENCY EXCEPT FOR CARBONATE VEINS AND POSSIBLY PYRITE

MICRO SIZE OF GRAIN IS SHOWN IN LINE CONFIGURATION

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: DDH 91-17 Claim: Quick 3
Elevation: 1,110 m Section: Plateau Lake
Northing: 17,800 m Grid: Quick
Easting: 14,100 m Azimuth: 0°

Property: Spring Creek
Date Started: Oct 1, 1991
Date Finished: Oct 1, 1991
Total Depth: 213.0 m

Inclination: -70°
Dip: -70°
Core Size: BQ-NQ
Core Rate: 1.5 m/hr
Logged by: D. Cruden
Log Date: 91-10-01
Log Sheet: 91-17

Sample No.	From (m)	To (m)	Length (m)	Au (oz/t)	Ag (oz/t)	Cu (%)	Pb (%)	Zn (%)
130	18	19	0.82	0.19	0.62	0.13		
131	19	20	0.85	0.20	0.80	0.35		
132	20	21	0.85	0.20	0.41	0.02		
133	21	22	0.85	0.08	0.39	0.02		
134	22	23	0.85	0.12	0.37	0.03		
135	23	24	0.85	0.12	0.37	0.03		
136	24	25	0.85	0.06	0.45	0.01		
137	25	26	0.85	0.05	0.20	0.05		
138	26	27	0.85	0.03	0.20	0.01		
139	27	28	0.85	0.05	0.20	0.39		
140	28	29	0.85	0.17	0.15	0.02		
141	29	30	0.85	0.20	0.20	0.02		
142	30	31	0.85	0.20	0.20	0.02		
143	31	32	0.85	0.20	0.20	0.02		
144	32	33	0.85	0.20	0.20	0.02		
145	33	34	0.85	0.20	0.20	0.02		
146	34	35	0.85	0.20	0.20	0.02		
147	35	36	0.85	0.20	0.20	0.02		
148	36	37	0.85	0.20	0.20	0.02		
149	37	38	0.85	0.20	0.20	0.02		
150	38	39	0.85	0.20	0.20	0.02		
151	39	40	0.85	0.20	0.20	0.02		
152	40	41	0.85	0.20	0.20	0.02		
153	41	42	0.85	0.20	0.20	0.02		
154	42	43	0.85	0.20	0.20	0.02		
155	43	44	0.85	0.20	0.20	0.02		
156	44	45	0.85	0.20	0.20	0.02		
157	45	46	0.85	0.20	0.20	0.02		
158	46	47	0.85	0.20	0.20	0.02		
159	47	48	0.85	0.20	0.20	0.02		
160	48	49	0.85	0.20	0.20	0.02		
161	49	50	0.85	0.20	0.20	0.02		
162	50	51	0.85	0.20	0.20	0.02		
163	51	52	0.85	0.20	0.20	0.02		
164	52	53	0.85	0.20	0.20	0.02		
165	53	54	0.85	0.20	0.20	0.02		
166	54	55	0.85	0.20	0.20	0.02		
167	55	56	0.85	0.20	0.20	0.02		
168	56	57	0.85	0.20	0.20	0.02		
169	57	58	0.85	0.20	0.20	0.02		
170	58	59	0.85	0.20	0.20	0.02		
171	59	60	0.85	0.20	0.20	0.02		
172	60	61	0.85	0.20	0.20	0.02		
173	61	62	0.85	0.20	0.20	0.02		
174	62	63	0.85	0.20	0.20	0.02		
175	63	64	0.85	0.20	0.20	0.02		
176	64	65	0.85	0.20	0.20	0.02		
177	65	66	0.85	0.20	0.20	0.02		
178	66	67	0.85	0.20	0.20	0.02		
179	67	68	0.85	0.20	0.20	0.02		
180	68	69	0.85	0.20	0.20	0.02		
181	69	70	0.85	0.20	0.20	0.02		
182	70	71	0.85	0.20	0.20	0.02		
183	71	72	0.85	0.20	0.20	0.02		
184	72	73	0.85	0.20	0.20	0.02		
185	73	74	0.85	0.20	0.20	0.02		
186	74	75	0.85	0.20	0.20	0.02		
187	75	76	0.85	0.20	0.20	0.02		
188	76	77	0.85	0.20	0.20	0.02		
189	77	78	0.85	0.20	0.20	0.02		
190	78	79	0.85	0.20	0.20	0.02		
191	79	80	0.85	0.20	0.20	0.02		
192	80	81	0.85	0.20	0.20	0.02		
193	81	82	0.85	0.20	0.20	0.02		
194	82	83	0.85	0.20	0.20	0.02		
195	83	84	0.85	0.20	0.20	0.02		
196	84	85	0.85	0.20	0.20	0.02		
197	85	86	0.85	0.20	0.20	0.02		
198	86	87	0.85	0.20	0.20	0.02		
199	87	88	0.85	0.20	0.20	0.02		
200	88	89	0.85	0.20	0.20	0.02		
201	89	90	0.85	0.20	0.20	0.02		
202	90	91	0.85	0.20	0.20	0.02		
203	91	92	0.85	0.20	0.20	0.02		
204	92	93	0.85	0.20	0.20	0.02		
205	93	94	0.85	0.20	0.20	0.02		
206	94	95	0.85	0.20	0.20	0.02		
207	95	96	0.85	0.20	0.20	0.02		
208	96	97	0.85	0.20	0.20	0.02		
209	97	98	0.85	0.20	0.20	0.02		
210	98	99	0.85	0.20	0.20	0.02		
211	99	100	0.85	0.20	0.20	0.02		
212	100	101	0.85	0.20	0.20	0.02		
213	101	102	0.85	0.20	0.20	0.02		
214	102	103	0.85	0.20	0.20	0.02		
215	103	104	0.85	0.20	0.20	0.02		
216	104	105	0.85	0.20	0.20	0.02		
217	105	106	0.85	0.20	0.20	0.02		
218	106	107	0.85	0.20	0.20	0.02		
219	107	108	0.85	0.20	0.20	0.02		
220	108	109	0.85	0.20	0.20	0.02		
221	109	110	0.85	0.20	0.20	0.02		
222	110	111	0.85	0.20	0.20	0.02		
223	111	112	0.85	0.20	0.20	0.02		
224	112	113	0.85	0.20	0.20	0.02		
225	113	114	0.85	0.20	0.20	0.02		
226	114	115	0.85	0.20	0.20	0.02		
227	115	116	0.85	0.20	0.20	0.02		
228	116	117	0.85	0.20	0.20	0.02		
229	117	118	0.85	0.20	0.20	0.02		
230	118	119	0.85	0.20	0.20	0.02		
231	119	120	0.85	0.20	0.20	0.02		
232	120	121	0.85	0.20	0.20	0.02		
233	121	122	0.85	0.20	0.20	0.02		
234	122	123	0.85	0.20	0.20	0.02		
235	123	124	0.85	0.20	0.20	0.02		
236	124	125	0.85	0.20	0.20	0.02		
237	125	126	0.85	0.20	0.20	0.02		
238	126	127	0.85	0.20	0.20	0.02		
239	127	128	0.85	0.20	0.20	0.02		
240	128	129	0.85	0.20	0.20	0.02		
241	129	130	0.85	0.20	0.20	0.02		
242	130	131	0.85	0.20	0.20	0.02		
243	131	132	0.85	0.20	0.20	0.02		
244	132	133	0.85	0.20	0.20	0.02		
245	133	134	0.85	0.20	0.20	0.02		
246	134	135	0.85	0.20	0.20	0.02		
247	135	136	0.85	0.20	0.20	0.02		
248	136	137	0.85	0.20	0.20	0.02		
249	137	138	0.85	0.20	0.20	0.02		
250	138	139	0.85	0.20	0.20	0.02		
251	139	140	0.85	0.20	0.20	0.02		
252	140	141	0.85	0.20	0.20	0.02		
253	141	142	0.85	0.20	0.20	0.02		
254	142	143	0.85	0.20	0.20	0.02		
255	143	144	0.85	0.20	0.20	0.02		
256	144	145	0.85	0.20	0.20	0.02		
257	145	146	0.85	0.20	0.20	0.02		
258	146	147	0.85	0.20	0.20	0.02		
259	147	148	0.85	0.20	0.20	0.02		
260	148	149	0.85	0.20	0.20	0.02		
261	149	150	0.85	0.20	0.20	0.02		
262	150	151	0.85	0.20	0.20	0.02		
263	151	152	0.85	0.20	0.20	0.02		
264	152	153	0.85	0.20	0.20	0.02		
265	153	154	0.85	0.20	0.20	0.02		
266	154	155	0.85	0.20	0.20	0.02		
267	155	156	0.85	0.20	0.20	0.02		
268	156	157	0.85	0.20	0.20	0.02		
269	157	158	0.85	0.20	0.20	0.02		
270	158	159	0.85	0.20	0.20	0.02		
271	159	160	0.85	0.20	0.20	0.02		
272	160	161	0.85	0.20	0.20	0.02		
273	161	162	0.85	0.20	0.20	0.02		
274	162	163	0.85	0.20	0.20	0.02		
275	163	164	0.85	0.20	0.20	0.02		
276	164	165	0.85	0.20	0.20	0.02		
277	165	166	0.85	0.20	0.20	0.02		
278	166	167	0.85	0.20	0.20	0.02		
279	167	168	0.85	0.20	0.20	0.02		
280	168	169	0.85	0.20	0.20	0.02		
281	169	170	0.85	0.20	0.20	0.02		
282	170	171	0.85	0.20	0.20	0.02		
283	171	172	0.85	0.20	0.20	0.02		
284	172	173	0.85	0.20	0.20	0.02		
285	173	174	0.85	0.20	0.20	0.02		
286	174	175	0.85	0.20	0.20	0.02		
287	175	176	0.85	0.20	0.20	0.02		
288	176	177	0.85	0.20	0.20	0.02		
289	177	178	0.85	0.20	0.20	0.02		
290	178	179	0.85	0.20	0.20	0.02		
291	179	180	0.85	0.20	0.20	0.02		
292	180	181	0.85	0.20	0.20	0.02		
293	181	182	0.85	0.20	0.20	0.02		
294	182	183	0.85	0.20	0.20	0.02		
295	183	184	0.85	0.20	0.20	0.02		
296	184	185	0.85	0.20	0.20	0.02		
297	185	186	0.85	0.20	0.20	0.02		
298	186	187	0.85	0.20	0.20	0.02		
299	187	188	0.85	0.20	0.20	0.02		
300	188	189	0.85	0.20	0.20	0.02		
301	189	190	0.85	0.20	0.20	0.02		
302	190	191	0.85	0.20	0.20	0.02		
303	191	192	0.85	0.20	0.20	0.02		
304	192	193	0.85	0.20	0.20	0.02		
305	193	194	0.85	0.20	0.20	0.02		
306	194	195	0.85	0.20	0.20	0.02		
307	195	196	0.85	0.20	0.20	0.02		
308	196	197	0.85	0.20	0.20	0.02		
309	197	198	0.85	0.20	0.20	0.02		
310	198	199	0.85	0.20	0.20	0.02		
311	199	200	0.85	0.20	0.20	0.02		
312	200	201	0.85	0.20	0.20	0.02		
313	201	202	0.85	0.20	0.20	0.02		
314	202	203	0.85	0.20	0.20	0.02		
315	203	204	0.85	0.20	0.20	0.02		
316	204	205	0.85	0.20	0.20	0.02		
317	205	206	0.85	0.20	0.20	0.02		
318	206	207	0.85	0.20	0.20	0.02		
319	207	208	0.85	0.20	0.20	0.02		
320	208	209	0.85	0.20	0.20	0.02		
321	209	210	0.85	0.20	0.20	0.02		
322	210	211	0.85	0.20	0.20	0.02		
323	211	212	0.85	0.20	0.20	0.02		
324	212	213	0.85	0.20	0.20	0.02		

END OF HOLE
(ALL DEPTHS, OR MEASUREMENTS OF DEPTH, QUOTED ARE MADE ALONG THE HOLE)

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: DAP 75-29 | Claim: STOLT 3 | Property: DAP 602 | Overburden: 24.3' | Logged by: T. TERRING
Elevation: 3513.0 | Section: 12+00 S.E. | Date Started: JUNE 22 '75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 156,722.2 | Inclination: -46 | Date Finished: JUNE 25 '75 | Core Size: BQ | Core Stored at: CAMP
Easting: 31,592.3 | Azimuth: | Total Depth: 409.0' | % Core Rec'y: 97.4

STICK-UP 3.1'
NO SAMPLES TAKEN

NOTES	LITHOLOGY SYMBOLS	COLOR	CRYSTALLINITY	SECTION	SIGNIFICANT BREAKS & MARKERS	NOTES	SAMPLE INT. & NUMBER	% RECOVERY	% SAMPLE WT.	ASSAYS ESTIMATES Zn TOTAL %	Zn SOLUBLE %	Zn SULPHIDE %	%
OVERBURDEN				10, 20, 30									
CAVE	? ? ? ?			40									
Sand content ~ 3-5% occasional sand lenses silicified				50		Minor bx							
				60		Salt bx							
		N16		70, 80, 90, 100									
contactis a gradual change				104.0									
Stylolite		N6		112		Sphaleron w/ py -minor							
Sand content ~3-5%				114.2, 120									
Sand lenses are silicified				130		Sph w/ py infilling frac -minor							
Frac at 47°		N14		140		Sph in stylolites assoc w/ py -minor							
				150, 160									
Sand content ~5%				163									
		N14		170, 180, 190, 200, 210, 220									
				230		Sph + py infilling frac ~ 0.1% Zn							
				240									
Gradual change in lithology				241.5									
Sand content 3-5%				250		Sph + py in frac ~ 0.2% Zn							
		N6		260, 270									
				277.3									
Sand content 0-15%				280									
				283									
Sand content ~1-2%		N4		290, 300, 310, 320, 330									
				340		Minor sph + py							
Fracture zone w/ qtz infilling		N6		350		Sph assoc w/ py ~ 0.2% Zn							
				360, 370, 380, 390									
		N6		400		Sph + py infilling frac ~ 0.2% Zn							
				409.0		Sph assoc. w/ py minor & frac							
END													

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 30 | Claim: STOL #3 | Property: BAF GOZ | Overburden: 27.8' | Logged by: T TERRIFF
Elevation: 3482.7 | Section: 12+920 SE | Date Started: JUNE 27th/75 | Contractor: LONGYEAR | Scale: 1" : 10'
Northing: 156,356 | Inclination: -90 | Date Finished: JUNE 28th/75 | Core Size: BQ | Core Stored at:
Easting: 80,878.8 | Azimuth: | Total Depth: 267.0 | % Core Rec'y: 53 | CAMP

SAMPLE NO. 13147-13161
STICKUP: 2.2'

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
OVERBURDEN														
				30								091702		
CAVE														
				38.0										
FAULT BX				40			FAULT BX							
MATRIX: V.F. GR DOL; COLOR VARIES FROM N1 TO N8 SMITH + PY FOUND ALSO IN MATRIX W/ SPH PRESENT IN MINOR AMTS		N5		50			GROUND UP PY IN MATRIX ~20% CONTENT QTZ CONTENT IN MATRIX ~50%	510						
								147	98	0.13	0.05	0.08		
								560			0.01	0.05		
CLASTS: SIZE - 0.5 - 97mm ANGULAR TO SUBROUNDED CLASTS CUT BY FAULT LINE EVIDENCE SECONDARY FAULTING MOST LARGE CLASTS FRACTURED DUE TO THIS SECONDARY FAULTING ∢10-12° ROCK FLOUR PRESENT IN MATRIX		N1						148	78	0.03	0.02	0.01		
				60				61.0			0.01	0.5		
		N2						149	64	0.20	0.03	0.17		
								660			0.01	0.5		
								150	54	2.65	0.13	2.52		
				70				710			0.01	0.5		
		N6						151	23	1.25	0.21	1.04		
							SMITH COLOURS ROCK 5Y 7/2 WHERE EVER PRESENT IN FAULT ZONE	790			0.01	0.0	
				80				152	40	0.42	0.09	0.33		
								840			1.0	.1		
								153	39	0.36	0.07	0.29		
								890			0.3	0.01		
				90				154	39	0.03	0.02	0.01		
								940			0.01	0.01		
		N5		100				155	38	0.13	0.03	0.10		
								1050			0.5	.06		
								157	21	0.21	0.03	0.18		
				110				110.0			.01	.07		
STYLOLITE →				120										
				130										
				140										
				150										
				160										
		N5												
		N7		170										
				180				188.0						
				190				158	79	0.01	0.01	0.00		
								193.0			0.01	0.0		
								159	79	0.05	0.04	0.01		
								198.0			0.5	0.01		
SLICKEN SIDES ∢80°		5Y 7/2		200				160	61	0.04	0.03	0.01		
								203.0			0.7	0.1		
		N7						161	63	0.01	0.01	0.00		
STYLOLITE →				210				208.0			0.01	0.01		
SLICKEN SIDES ∢35°														
				220										
				230										
		N6		240										
				250										
				260										
				267.0										
END				270			FAULT CONTINUES TO UNKNOWN DEPTH							

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-31 | Claim: FOX #3 | Property: BAF GOZ | Overburden: 8.1' | Logged by: T. TERRIFF
Elevation: 4247.4 | Section: 7+00 SE | Date Started: June 16/75 | Contractor: Longyear | Scale: 1" = 10'
Northing: 1,158,990.5 | Inclination: -90 | Date Finished: July 13/75 | Core Size: BQ | Core Stored at: CAMP
Easting: 76,962.9 | Azimuth: | Total Depth: 332.0 | % Core Rec'y: 94.0

NOTES	LITHOLOGY CODE	CRYSTALLINITY	SECTION	MINERAL ALTERATION WEATHERING	NOTES	SAMPLE INC. #	NUMBER	% CORE REC'Y SAMPLE INC.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Sb	% Pb
OVERBURDEN			10										
			13.0										
			20										
			30										
STYLOLITE			40		SPH ASSOC. w/ QTZ ASSUMED 0.37% Zn								
INTERCLASTIC			50										
STYLOLITE			60										
			70		BX: MATRIX - SPAR + DOL CLASTS: SIZE 1-10.5 mm ANGULAR - SUBROUNDED								
			80		BX: MATRIX - SPAR CLASTS: SIZE 10-170 mm ANGULAR TO SUBROUNDED								
			90										
FAULT @ 10° SLICKEN SIDES			100										
FAULT @ ∠ 35°			110		FAULT BX MATRIX: SILTSTONE BRECC CLASTS: MICRITIC + SPECKLED SIZE: 1.5-20.5 mm ANGULAR - SUBROUNDED								
			120										
			130				162	72	0.06	0.02	0.03		
			140		SPH IN VUGS ASSOC. w/ QTZ		163	93	4.00	0.08	3.92		
			150		BX CLASTS: MCS-DOL SPECKLED DOL-2% MICRITIC SIZE 1.0-14.21 mm ANGULAR - SUBROUNDED MATRIX - SPAR + QTZ SPH MINOR FOUND IN MATRIX w/ MINOR AMT OF CLASTS		164	93	0.15	0.01	0.14		
			160				165	83	0.02	0.01	0.01		
			170				166	82	1.30	0.03	1.27		
			180				167	80	0.05	0.01	0.04		
FAULT @ 24° SLICKEN SIDES @ 45°			190		ROOM INFILLING VUGS		168	65	0.02	0.01	0.01		
SPECKLED & MICRITIC DOLO APPARENT INTERBEDDING			200				169	74	2.70	0.04	2.66		
FAULT GOUGE			210				170	84	1.05	0.02	1.03		
			220				171	93	0.05	0.01	0.04		
INTERCLASTIC			230				172	93	1.25	0.02	1.23		
STYLOLITE			240				173	93	2.65	0.03	2.62		
FAULT @ 45°			250				174	74	0.60	0.02	0.58		
			260		ROOM INFILLING VUGS		175	86	0.05	0.01	0.04		
			270				176	93	1.20	0.02	1.18		
			280				177	93	0.14	0.01	0.13		
			290				178	92	0.07	0.01	0.06		
			300				179	92	0.90	0.02	0.88		
			310				180	85	0.03	0.01	0.02		
			320				181	81	0.61	0.02	0.59		
			330				182	91	0.08	0.02	0.06		
			340				183	95	0.56	0.02	0.54	0.01	0.01
			350				184	93	0.49	0.02	0.47	0.01	0.01
			360				185	80	0.04	0.02	0.02		
			370				186	86	0.09	0.01	0.08		
			380				187	91	1.05	0.02	1.03		
			390				188	90	0.08	0.01	0.07		
STYLOLITE			400										
			410		END BAF 75-31								

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-32 | Claim: DUO 4 | Property: BAF-602 | Overburden: 29.7 | Logged by: R. LENNOX
Elevation: 4,690.7 | Section: SEC. ■ HI 91200 SE | Date Started: JULY, 3/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 158,480.3 | Inclination: -90 | Date Finished: JULY, 4/75 | Core Size: BQ | Core Stored at:
Easting: 77,140.1 | Azimuth: | Total Depth: 202.0' | % Core Rec'y: 55.3' | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
STICK UP 33'				0										
								21152-21159						091702
				10										
				20										
OVERBURDEN				29.7										
		N3 + N5		30				38.0						
								152	72.	0.07	0.05	0.02		
								38.0			0.1	0.1		
				40				153	51.	0.42	0.15	0.27		
				46.0			PYRITE W/SPH VEIN FILLING	46.0			0.1	0.5		
				50				154	24.	2.75	0.38	2.37		
								51.0			0.05	1.5		
								155	46.	0.09	0.06	0.03		
				60			BRECCIA - MATRIX - SPAR CLASTS - SUB-ANGULAR. STAGES 1). FRACTURING 2). SPAR 3) SPH. + QTZ. 4). STYS CLASTS 0.5-3.0 cm.	63.0			0.05	0.05		
								156	84.	0.77	0.58	0.09		
								68.0			0.05	1.0		
				70				157	59.	0.10	0.06	0.04		
								74.0			0.05	0.05		
								158	47.	2.70	0.37	2.23		
				80				79.0			0.05	1.5		
								159	35.	0.31	0.13	0.18		
								84.0			0.05	0.1		
				90										
				93.										
				100										
				107.										
		N7 + N3		110			MATRIX - STYS. CLASTS SUB-ANGULAR. cm SCALE. SPH <.01 % ZN							
				116.0										
				120										
				130										
COMPARABLE TO LOWER MICRITE.		N7		132.0										
				140										
SPECKLED				149.0										
				150										
				160										
RANDOM GHOSTY SPECKLED CLASTS, ROUNDED, UP TO 3 CM IN SIZE. APPEAR AS DROP-STONES IN THE MICRITIC. MINOR EVIDENCE OF BRECCIATION.				170										
				180										
				183.0			SPH (R) 1.0 % ZN (0.6")							
				185.0			EVIDENCE OF CATACLASIS. CLASTS 1mm + ANGULAR							
				187.8										
				190										
SHEAR ∠ 50°				199.0			CATACLASIS RARE MATRIX							
				200										
				202.0										

END BAF75 32.

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 33
Elevation: 4795.9
Northing: 158,195.0
Easting: 76,619.5

Claim: Duo #6
Section: 9+200 SE
Inclination: −90
Azimuth:

Property: BAF 002
Date Started: JULY 4/75
Date Finished: JULY 8/75
Total Depth: 188.0'

Overburden: 40.3
Contractor: LONGYEAR
Core Size: BQ
% Core Rec'y: 4.4

Logged by: T. TERRIFF
Scale: 1" : 10'
Core Stored at: CAMP

STICK-UP = 7.4'
NO SAMPLES TAKEN

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
OVERBURDEN NO CORE RECOVERED UNTIL 48.0'												09	702	
				48.0										
				50										
				60										
				70										
		5Y 7/2		80										
				90										
				100										
THIS BOUNDARY CANNOT BE SEEN IN CORE RATHER IS TAKEN FROM X-SECTION.				110										
				120										
				130										
		N4		140										
				150										
				160										
				170										
				178.0										
				180										
		N1												
END HOLE TERMINATED DUE TO METALLIC OBJECT IN HOLE				188.0			END BAF 75 33							

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 34 | Claim: DUO 6 | Property: BAF-GOZ | Overburden: 60.0'? | Logged by: R. LENNOX
Elevation: 4819.1 | Section: 19+400 SW, 9+200 SE | Date Started: JUNE 5 / 75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 158,101.9 | Inclination: -90 | Date Finished: JUNE 10 / 75 | Core Size: BQ-0-70, AR 70-252.0 | Core Stored at:
Easting: 76,448.3 | Azimuth: | Total Depth: 252.0 | % Core Rec'y: 31.5% | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% PB
				0			SAMPLES 21160-21172	21160-21172					
				10									
				20									
LOGGING 40.0-140.0, 159.0-167.0 FROM SLUDGE. 140.0-159.0; 167.0-252.0 FROM CORE.				30									
SLUDGE SAMPLES RECOVERED EVERY 5' HOLE HAD MAINLY UNCONSOLIDATED ROCK.				40				40.0					
							21160-21171 - SLUDGE SAMPLES 21172 - CORE L - LESS THAN	160		0.86	0.84	0.02	
								48.0			2.0	2.0	
				50				50.0					
								161		0.25	0.20	0.05	
OVERBURDEN. DETERMINED FROM FIRST CORE RECOVERED. STICK-up = 1.0'								55.0			2.0	2.0	
								162		0.55	0.45	0.10	
				60			?	60.0			2.0	0.7	
		10 YR 7/4						163 (SLUDGE)		0.47	0.43	0.04	
								172 (CORE) 65.0	46.	0.06	0.05 0.5	0.01 0.1	
POSSIBLE SPECKLED SECTIONS.				70				164		0.40	0.33	0.07	
								70.0			1.0	1.0	
								165		0.07	0.05	0.02	
								75.0			1.0	0.3	
								166		0.09	0.06	0.03	
		N6		80				80.0			1.0	0.5	
								167		0.05	0.04	0.01	
								85.0			0.0	0.1	
				90									
				100									
		M											
SPECKLED OR WISPY (SLUDGE) 3-10% CARBONACEOUS MATERIAL.				110									
		N7											
				120			120.0-248.0 - MINOR AMTS. OF GALENA FOUND IN SLUDGE, BUT NOT CORE. <0.2% Pb. (AVERAGE).					
				130									
				140				140.0					
WISPY IN CORE ∡70-80° BANDING ∡70°				149.0				168		0.04	0.02	0.02	L0.01
BANDING ∡65°				146.0				145.0			0.0	1.0	0.5
								169		0.03	0.02	0.01	L0.01
CAULIFLOWER TEXTURE (DIAGENETIC?)				150				150.0			0.0	1.5	0.5
								170		0.03	0.02	0.01	
				159.0									
				160				160.0			0.0	1.0	
		N7											
								171		0.07	0.03	0.04	
				170				170.0			0.0	1.0	
				178.0									
				180									
				190									
		N4		194.0									
				200									
		N9 + N7		201.0 202.0			HIGHLY FRACTURED						
				209.0									
				210									
				220			SPECKLED CLASTS - ANGULAR → SUBROUNDED IN MICRITIC MATRIX. CLASTS ≤5cm → 9.0cm						
SHEAR ∡10°				230									
				237.0			SPECKLED - ROUNDED 1.0mm						
				240									
				250									
				252.0			END BAF 75 34						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 35 | Claim: DUO 6 | Property: BAF-GOZ | Overburden: 20 | Logged by: T TERRIFF
Elevation: 4185.8 | Section: SEC. DE 9+200 SE | Date Started: JULY 9/95 | Contractor: LONGYEAR | Scale: 1" : 10'
Northing: 157,900.7 | Inclination: -90 | Date Finished: JULY 11/95 | Core Size: BQ-AQ | Core Stored at: CAMP
Easting: 76,109.2 | Azimuth: | Total Depth: 240.0 | % Core Rec'y: 56.7

STICK-UP = 2.0
SAMPLE NO. 13189-13212 SLUDGE SAMPLES MARKED W/ S

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
OVERBURDEN				4.0									
		N3		10									
				15.9									
CAULIFLOWER TEXTURE				20			PY FOUND IN WEATHERED FORM (RUST BROWN, SOFT) IN FRACTURES. DOLO AROUND PY FILLED FRAC. GENERALLY LEACHED						
STYLOLITE				30									
		N7						380					
CAULIFLOWER TEXTURE				40			BX: MATRIX: SPAR, QTZ, DOL CLASTS: MICRITIC SUBANGULAR TO SUBROUNDED SIZE: 1.0 - 27.0 mm	189	59	2.30	2.20	0.10	
STYLOLITE								430		3.30 S	3.25 S	0.05 S	
								191	59	2.80	2.75 0.2	0.05 0.01	
								480					
				50				193	70	0.30	0.26	0.04	
								530		0.67 S	0.65 S	0.02 S	
							BX: MATRIX: SPAR + QTZ CLASTS: MICRITIC SUBANGULAR - SUBROUND SIZE: 2.0 - 74.0 mm	194	70	0.20	0.19 0.1	0.01 0.01	
				60				580					
								196	95	0.22	0.20	0.02	
								630		0.60 S	0.50 S	0.10 S	
DARK BLOTCHY TEXTURE		N6						197	95	0.35	0.33 0.1	0.02 0.01	
				70				680					
							N.B. SLUDGE SAMPLE INTERVAL	199	83	0.40	0.37	0.03	
		SY 8/1						730		0.90 S	0.88 S	0.02 S	
				77.0				200	83	0.20	0.17 0.09	0.03 0.01	
								780					
WISPY BANDED, MICRITIC - SPECKLED INTERBEDDED DOLO.		N5		80									
INTRACLASTIC TEXTURE, STYLOLITE													
		N7					BX. SAME AS ABOVE						
				90									
		N5											
				100									
		N7											
		N5											
				110				1080					
							BX MATRIX: SPAR, MINOR SMITH CLASTS: SPECKLED + MICRITIC DOLO ANGULAR - SUBROUNDED SIZE: 1.0 - 25.0 mm	202	93	2.30	0.54	1.76
		N7						1130		1.80 S	0.59 S	1.21 S	
								203	93	0.30	0.25 0.05	0.05 0.6	
							SPH ASSOC. W/ PY + QTZ IN VUGS	1180					
				120				205	86	0.65	0.21	0.44	
		N7						1230		1.10 S	0.33 S	0.77 S	
STYLOLITE								206	86	0.20	0.07 0.05	0.13 0.1	
		N5						1280					
				130				208	72	3.55	0.27	3.28	
							SPH ASSOC W/ PY + QTZ IN VUGS	1330		2.85 S	0.36 S	2.49 S	
				134.1				209	72	2.60	0.21 0.05	2.39 0.1	
								1380					
		N6		140									
STYLOLITE													
BANDING @ 30°				150									
STYLOLITES							PY + MINOR SPH INFILLING ALONG STYLOLITES						
THIS SECTION HAD NEGLIGIBLE RECOVERY (0.6%) FROM X-SECTION THE MICRITIC DOLO PROBABLY EXTENDS DOWN TO APPROXIMATELY 170.0' WHERE THE LITHOLOGY PROBABLY CHANGES TO INTERBEDDED MICRITIC + SPECKLED DOLO THIS HORIZON PROBABLY EXTENDS TO APPROXIMATELY 220.0'				160									
				170			UNKNOWN						
				180									
				190									
				200									
				210				2100					
		N4					MINOR CHERTY BX FROM 213.0-218.3	190	70	1.15	0.11	1.04	
										2.45 S	0.10 S 0.02	2.35 S 2.5	
								2160					
THIS SECTION HAS LOW RECOVERY (5.0%) SO LITHOLOGY OVER SECTION IS QUESTIONABLE				220				212		2.40 S	0.82 S	1.58 S	
								2260					
NEGLIGIBLE RECOVERY				230			GAL IN MINOR AMT						
END HOLE STOPPED DUE TO POSSIBLY OF LOSING RODS AND LACK OF RETURN				240			SLUDGE SAMPLES TAKEN. SAMPLES ASSAYED ARE: 13192 38.0-48.0; 195 48.0-58.0; 198 58.0-68.0; 201 68.0-78.0; 204 108.0-118.0; 207 118.0-128.0; 210 128.0-138.0; 211 210.0-216.0; 212 216.0-226.0						

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 36 | Claim: OLIO #5 | Property: BAF - 602 | Overburden: 17.5 | Logged by: R. LENNOX
Elevation: 4857.2 | Section: Page 18 | Date Started: JULY 12/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,903.3 | Inclination: -90 | Date Finished: JULY 14/75 | Core Size: BQ | Core Stored at: CAMP
Easting: 75,937.6 | Azimuth: | Total Depth: 448.0' | % Core Rec'y: 99.4%

NOTES	LITHOLOGY TEXTURE	COLOUR	SECTION	NOTES	SAMPLE INC. NUMBER	% CORE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
STICK UP			0							
			10	200-220.0 SHALE, USED TO MARKER IN LOG INS. 220-448.0 CORE MISS	2133-2137					091702
OVERBURDEN 17' 1st CORE			20							
			30	30.0-150.0 SPH INSOLUBLE ASSOC. WITH QTZ. VEIN ASSOCIATIONS?	173	23	1.05	0.95	0.10	
					174	100	1.10	1.00	0.10	
					175	100	1.10	1.00	0.10	
			40		176	88	0.30	0.25	0.05	
					177	72	0.95	0.85	0.10	
			50		178	40	1.20	1.10	0.10	
				SILICIFIED INTERVAL	179	31	0.95	0.85	0.10	
			60		180 (S)	87	6.70	3.95	3.70	0.25
					181	98	6.15	5.75	0.35	
			70		182	98	6.25	6.00	0.25	
					183 (S)	100	9.00	4.95	5.05	
MINOR WASPE COMPONENTS			80	QTZ STRINGERS	184 (S)	100	4.90	3.65	1.25	
			90		185 (S)	100	2.10	0.50	1.60	0.05
			100		186 (S)	100	1.10	0.42	0.68	0.05
			110		187 (S)	100	1.30	0.68	0.62	0.05
			120		188 (S)	100	1.45	0.37	1.08	0.05
			130		189 (S)	100	0.30	0.13	0.17	0.05
			140		190 (S)	100	3.25	0.22	3.03	0.05
RANGE OF CONTACT			150	SPH ASSOC. W/ SILICIFICATION						
			160	ZONE INTERVAL UNDERPAINED	191 (S)	100	1.70	0.11	1.59	0.05
			170							
			180							
			190							
			200							
			210							
			220							
			230		195	94	0.24	0.09	0.15	
			240	SOLUTION ROUGH WEATHERING MARKS ON FRACTURE SURFACES FOR DOLOMITE CARBONATES LEAN SPH, PY, MOVE.	196	83	6.40	0.91	5.49	
			250		197	76	0.80	0.11	0.69	
			260		198	56	3.35	0.14	3.21	
			270		199	102	1.00	0.07	0.93	
			280		200	105	1.00	0.03	0.97	
			290		201	102	0.15	0.03	0.12	0.05
			300		202	98	1.60	0.04	1.56	0.05
			310		203	72	0.60	0.04	0.56	0.05
			320		204	118	0.85	0.02	0.83	0.05
			330		205	98	4.10	0.06	4.04	
			340		206	100	0.05	0.01	0.04	
			350		207	101	0.04	0.01	0.03	
			360		208	105	1.05	0.04	1.01	
			370		209	93	0.85	0.05	0.80	
			380		210	107	0.10	0.02	0.08	
			390		211	100	0.05	0.02	0.03	
			400		212	100	0.90	0.03	0.87	
			410		213	100	0.10	0.02	0.08	
			420		214	103	1.30	0.04	1.26	
			430		215	100	2.10	0.05	2.05	
			440		216	98	0.75	0.03	0.72	
			450		217	91	0.05	0.01	0.04	
			460		218	100	0.60	0.03	0.57	
			470		219	100	0.05	0.02	0.03	
			480		220	97	0.75	0.04	0.71	
			490		221	95	2.35	0.05	2.30	
			500		222	97	0.10	0.02	0.08	
			510		223	100	0.03	0.01	0.02	
			520		224	100	0.45	0.02	0.43	
			530		225	76	0.10	0.01	0.09	
			540		226	100	0.10	0.02	0.08	
			550		227	100	0.40	0.02	0.38	
			560		228	100	0.10	0.02	0.08	
			570	END BAF 75 36. 30' OF BQ CASING LEFT IN THE HOLE.						

INTERMITTENT SILICIFICATION VEINS SIMILAR TO POTATO CHIP IN SURFACE PITS + BLEBS 0.5'-1.0' PRIS. TO END OF HOLE

SPHE + SILICIFICATION PRESENT SIMILAR TO THE END OF THE HOLE.

INTERCLASTIC

LEADING 1/2 20-60°

POTATO CHIP QTZ.

CHERT FRAGS IN BX. BRECCIA.

WHITE FRACTURE FILL PYRITE W/ SPH.

GALENA WITH VEINS

SPHE FRAGS IN FIN. SAND.

SPHE WOULD BE A GOOD PYRITE SEAL SITE SPHE + PYRITE

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 37	Claim: BAF 39	Property: BAF GOZ	Overburden: 19.0'	Logged by: T. TERRIFF
Elevation: 5696.6	Section: 22+960SW	Date Started: JULY 14/75	Contractor: LONGYEAR	Scale: 1" : 10'
Northing: 158,832.6	Inclination: -90	Date Finished: JULY 16/75	Core Size: BQ	Core Stored at: CAMP
Easting: 70,918.7	Azimuth:	Total Depth: 248.0	% Core Rec'y: 92.5	

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES (STICK UP: 2.0; SAMPLE NO 13213-13226)	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
OVERBURDEN													
		5Y 7/2		210			WEATHERING — MODERATE. MAINLY SELECTIVE LEACHING OF SULFIDES AND MINOR DOLOMITE						
				30									
				40			BX: SOL'N MATRIX: SPAR+QTZ CLASTS: MICRITIC SUBANGULAR-SUBROUNDED SIZE: 2.0-24.0 mm						
				50			BX SOL'N MATRIX: SPAR+QTZ CLASTS: MICRITIC ANGULAR-SUBROUNDED SIZE: 1.0-22.0 mm						
STYLOLITE				60			BX. SOL'N CLASTS 65.5-67.0 MICRITIC 67.0-77.0 SPECKLED 77.0-78.0 MICRITIC ANGULAR-SUBROUNDED SIZE: 0.5-33.3 mm MATRIX: SPAR+QTZ SECONDARY DOL						
				70									
STYLOLITE				80			BX: SOL'N MATRIX: SPAR+QTZ CLASTS: MICRITIC ANGULAR-SUBROUNDED SIZE: 0.5-60.0 mm SECONDARY DOL ALSO IN MATRIX						
STYLOLITE													
STYLOLITES ARE FOUND COMMONLY THROUGHOUT THE REST OF THIS HORIZON VARYING FROM ±10°-80°				90			BX. SOL'N MATRIX: SPAR, QTZ, + SECONDARY DOL CLAST: MICRITIC ANGULAR-SUB-ROUNDED SIZE: 0.5-241.0 mm						
				100			←SPH IN STYLOLITE						
				110									
				120									
				130									
				140									
		5Y 7/2		150			BX: SOL'N SAME AS ABOVE						
STYLOLITES				154.8									
		N4		160			BX SOL'N SAME AS ABOVE IN PLACES THIS BX IS CHAOTIC						
				170									
STYLOLITES ARE FOUND THROUGH OUT HORIZON				172.5									
				180				180.0					
								213	99	0.45	0.40	0.05	<0.05
							SPH-MAINLY WEATHERED OUT	185.0					
							GALENA-MINOR	214	95	1.05	0.96	0.09	<0.05
				190				189.0					
								215	92	0.82	0.70	0.12	<0.05
								192.0					
								216	92	0.22	0.20	0.02	<0.05
								197.0					
				200				225	100	0.27	0.24	0.03	
								200.0					
								226	102	1.00	0.95	0.05	
		5Y 7/2						205.0					
DARK IRREGULAR PATCHES OF DOL RESEMBLE SAND PATCHES								217	102	1.00	0.92	0.08	
				210				210.0					
								218	103	0.88	0.49	0.39	
								213.0					
								219	102	0.60	0.42	0.18	
								218.0					
				220				220	94	0.55	0.50	0.05	
								228.0					
				230				221	87	1.40	1.35	0.05	<0.05
								233.0					
								222	87	0.20	0.17	0.03	<0.05
								238.0					
				240			GALENA	223	76	0.30	0.28	0.02	0.10
								243.0					
								224	76	0.60	0.42	0.18	0.25
				248.0			END BAF-75	248.0					

END
HOLE TERMINATED DUE TO RODS STUCK IN HOLE. 90' OF RODS + CORE BARREL COULD NOT BE REMOVED FROM HOLE

37

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: DDH 87-01
Elevation: 1141.7
Northing: 14783.3
Easting: 7175.3
Claim: Lot 3
Section: 8 Township: 7
Inclination: -70
Azimuth:
Property: Cinar Gold
Date Started: Aug. 1987
Date Finished: Aug. 1987
Total Depth: 154.8
Overburden: 11.5
Contractor: Longyear
Core Size: LTK
% Core Recov.: 97.5
Logged by: T. Dickson
Scale: 1:100
Core Stored at: Cinar

Depth (m)	Assays Total %	Assays Visible %	Assays Mineral %

Depth (m)	Lithology	Description
0.0	OVERBURDEN	
	OVERBURDEN	
10.0	SILICIFIED TUFFACEOUS	
20.0	SILICIFIED TUFFACEOUS	
30.0	SILICIFIED TUFFACEOUS	
40.0	SILICIFIED TUFFACEOUS	
50.0	SILICIFIED TUFFACEOUS	
60.0	SILICIFIED TUFFACEOUS	
70.0	SILICIFIED TUFFACEOUS	
80.0	SILICIFIED TUFFACEOUS	
90.0	SILICIFIED TUFFACEOUS	
100.0	SILICIFIED TUFFACEOUS	
110.0	SILICIFIED TUFFACEOUS	
120.0	SILICIFIED TUFFACEOUS	
130.0	SILICIFIED TUFFACEOUS	
140.0	SILICIFIED TUFFACEOUS	
150.0	SILICIFIED TUFFACEOUS	
154.8		END

091702

DATE 15 SEP 88

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-39 | Claim: BUCK 1-5, MEL 1-6, ALF 1-12 | Property: BAF-GCZ | Overburden: 3.6' | Logged by: R. LEWIS
Elevation: 4,242.3 | Section: Line 1+75 | Date Started: JULY 20/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,449.9 | Inclination: -90° | Date Finished: JULY 22/75 | Core Size: BQ | Core Stored at: CAMP
Easting: 76,138.1 | Azimuth: | Total Depth: 320.0' | % Core Rec'y: 85.6

NOTES	LITHOLOGY	COLOR	SECTION	DISCRIPTION	MINERAL & WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
STICK UP - 1.4'												
OVERBURDEN												
			50									
			60			GTZ MATRIX CLASTS 0.5-3.0 cm.						
			70									
			80									
			90									
			100									
			110			NEARLY A CRACKLE BX						
			120									
			130									
			140									
			150			FRACTURED W/ MINOR GTZ INFILLINGS.						
			160									
			170									
			180									

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-40 | Claim: DUO 5 | Property: BAF-GOZ | Overburden: 12.6 | Logged by: R. LENNOX
Elevation: 4779.3 | Section: 5SG GH 4+200 SE | Date Started: JULY 24/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,700 | Inclination: -90 | Date Finished: JULY 25/75 | Core Size: BQ | Core Stored at:
Easting: 75,777.5 | Azimuth: | Total Depth: 228.0 | % Core Rec'y: 82.9 | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
STICK-UP				0									
				1.6			NO SAMPLES TAKEN						
OVERBURDEN				10							091702		
SLIGHT MOTTLING PRESENT.		SPB 6/2		20									
				30									
				40									
		N3		43.0									
MICRITIC BAND ∡ 85°				50									
				60									
MICRITIC BANDS W/ SECONDARY QTZ. PLATES + BLEBS. 0.5' WIDE RANDOM DISTRIBUTION. ∡ 85°. SOME SHOW RIP UP CLASTS (SAMPLES). WELL LAMINATED.				70									
				80									
				90									
				100									
				110									
INTERBEDDED		N6											
QTZ. BLEBS.				120									
				130									
		N5											
				140									
				150			STYOLITES						
FAULT ∡ 40°							0.5' WIDE FRACTURE ZONE						
MINOR PATCHES OF SPECKLED. NOT EVIDENT AS CLASTS IN MICRITE.				160									
				170									
				180									
				190									
HEAVY CONCENTRATION OF SPECKLED PATCHES													
SHEAR ∡ = 40				200			SPH. VUGS W/ SPAR 0.5 OVER 1.5'						
				210									
		N7		220									
VAGUE BANDING ∡ 85-90°				228.0									
							END BAF 75 40						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: [illegible] Claim: [illegible] Property: [illegible] Overburden: [illegible] Logged by: [illegible]
Elevation: 5512.4 Section: 24+60S Date Started: [illegible] Contractor: [illegible] Scale: 1" = 10'
Northing: 158,300.1 Inclination: -90 Date Finished: [illegible] Core Size: BQ Core Stored at: [illegible]
Easting: 76,047.6 Azimuth: Total Depth: 1482' Core Recv: [illegible]

NOTES	LITHOLOGY SYMBOLS	COLOR	DESCRIPTION	MINERAL SYMBOLS	NOTES	SAMPLE NO.	% SAMPLE RECOVERY	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
					SAMPLE NO. 2221-2249						
STOCKWORK											091702
OVERBURDEN VUGGY					OLD DRILL WATERMARK VUGS, INFILLED W/ OTA ON PLANES						
STYLOLITES					BX MASSIVE SPHALERITE PYRITE SPW ANGULAR FRAGMENTS SIZE 10-60 mm						
STYLOLITE						600					
STYLOLITES					SPW MASSIVE W/ BATS PYRITE SPW MINOR GALENA	227	98	0.06	<0.01	0.04	<0.02
						650					
						228	99	1.35	0.26	1.09	<0.02
						700					
						229	100	0.07	0.02	0.05	<0.02
						750					
STYLOLITES											
					BX SAME ONLY SMALLER FRAGMENTS ANGULAR FRAGMENTS SIZE 3-30 mm						
					BX SAME AS ABOVE SPW SOME GALENA SPW VUGS INFILLED W/ OTA ON PLANES FRAGMENTS SIZE 10-40.5 mm						
VUGGY						1250					
					BX SAME AS ABOVE	230	98	0.40	0.34	0.06	<0.02
						1300					
					SPW IN VUGS FINE PYRITE GRAINS IN MASS	231	102	1.60	0.34	1.26	<0.02
						1350					
						232	102	0.71	0.23	0.53	<0.02
						1400					
						233	102	0.14	0.09	0.04	<0.02
						1450					
SPECKLING IS WEAK + SPLOTCHY IN PLANES											
					SCHISTOSE TO CONTORTED FOLD EXPRESSION SOFT PLASTIC						
PYRITE PRECIPITATE ON PLANES OF SCHISTOSITY OCCURS MUCH THROUGH OUT HERE-SOW					BX SOW SAME AS ABOVE SPW SOME GALENA						
					BX SOW SAME AS ABOVE	1200					
						234	99	0.18	0.39	0.09	
					BX SOW SAME AS ABOVE	1250					
						235	99	0.39	0.15	0.24	
					BX SOW SAME AS ABOVE	1300					
						236	99	0.75	0.18	0.57	
						1350					
						237	99	0.62	0.22	0.40	
						1400					
						238	99	0.61	0.29	0.32	
						1450					
					BX SOW SAME AS ABOVE	239	98	0.28	0.12	0.16	
						1500					
						240	21	0.13	0.09	0.13	
						1550					
					SPW, SMALL GALENA INFILLED VUGS	241	99	0.56	0.06	0.50	
						1600					
						242	99	0.43	0.08	0.35	
						1650					
						243	98	0.11	0.07	0.04	
						1700					
SPECKLED CONTACT											
PYRITIC + SPECKLED ROCK											
					SPW IN CHERT + VUGS						
CHERT-SOW											
FAULT GOUGE @ 90°					BX SOW SAME AS ABOVE						
STYLOLITES					BX SOW						
SPECKLED ROCK											
STYLOLITE											
SPECKLED ROCK PRECIPITATE ON PLANES + MINOR GALENA SPECKLED SEDIMENTS ROCK											
STYLOLITES											
					BX MASSIVE SPHALERITE PYRITE ANGULAR FRAG. SIZE 2-20 mm						
					BX IN CONTACT W/ SPW SPW IN PLANES CONTORTED PLANES CHERT SLIGHTLY FOLD EXPRESSION OF PLANES						
					SPW+DOLOMITE PLANES INFILLED						
STYLOLITES											
STYLOLITES											
DARK (MN) SHALE VUGS PRESENT IN FRAGMENTS + CHERT GRAINED ROCK											
STYLOLITE											
STYLOLITE					BX PYRITE SPHALERITE ELONG PYRITIC ANGULAR FRAG. SIZE 2-15 mm						
					END 84P-15						
					41						
HOLE STOPPED HERE TO ADDS METRIC CHANGE PROGRAM DUE TO ROCK CONDITIONS. TOTAL LENGTH 1482 FOR ADDS + CORE BARREL LEFT IN HOLE											

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-42 | Claim: DUO 5 | Property: BAF-GOZ | Overburden: 8.8' | Logged by: R. LENNOX
Elevation: 4,650.6 | Section: SEC DE 9+200 SE SEC BC | Date Started: JULY 27/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,605.1 | Inclination: -90 | Date Finished: JULY 28/75 | Core Size: BQ | Core Stored at: CAMP
Easting: 75,603.7 | Azimuth: | Total Depth: 216.0' | % Core Rec'y: 81.4

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
STICKUP				0										
				2.2			SAMPLES 21269-21284					091702		
OVERBURDEN				10										
		NG		11.0			INTRACLASTIC BX. MICRITIC + WISPY, SPAR, + FINE GRAINED DOLOMITE MATRIX ANGULAR → SUB-ROUNDED. CM SCALE							
				20										
				30										
		NS		40			AS ABOVE BUT W/ SPECKLED CLASTS ONLY							
MINOR SPECKLED CLASTS.				50				51.0 269	85.	<0.02	<0.01	<0.01		
								56.0 270	64.	2.80	<0.01	2.79		
				60			COLLIFORM SPH. VUGS W/ QTZ + SPAR.	62.0 271	98.	0.86	<0.01	0.85		
		NM						67.0 272	89.	<0.02	<0.01	0.01		
				70				74.0 273	43.	0.06	<0.01	0.05		
				80				80.0 274	78.	0.46	<0.01	0.45		
								85.0 275	97.	0.56	<0.01	0.55		
				90			HIGHLY FRACTURED	90.0 276	92.	<0.02	<0.01	0.01		
		NG		100				96.0						
				110										
				120										
QTZ. BLEBS CHERTY REEFOIDAL ?				130				133.0 277	90.	0.68	<0.01	0.67		
				140				138.0 278	94.	2.10	<0.01	2.09		
								143.0 279	94.	1.02	<0.01	1.01		
				150			Y+R SPH W/ EUHEDRAL QTZ. VUG FILLING. SPAR LINES THE VUGS.	148.0 280	88.	0.08	<0.01	0.07		
								153.0 281	89.	0.60	<0.01	0.59		
				160				158.0 282	93.	2.60	<0.01	2.59		
								163.0 283	93.	4.45	0.01	4.44		
				170				168.0 284	76.	0.08	<0.01	0.08		
								173.0						
				180										
				190			0.3 % ZN. OVER 1.5 FEET.							
10% VUGS														
				200										
				210										
SPECKLED PATCH BENDING ∡ 80°				216.0			END DDH 42							

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-43 | Claim: DUO 5 | Property: BAF-G02 | Overburden: 4.7' | Logged by: R. LENNOX
Elevation: 4,608.1 | Section: 9+800 SE SEC AC 19+600 SW | Date Started: JULY 30/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,489.8 | Inclination: -90 | Date Finished: JULY 31/75 | Core Size: BQ | Core Stored at:
Easting: 75,411.3 | Azimuth: | Total Depth: 252.0 | % Core Rec'y: 89.8 | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
STICK-UP				3.3			SAMPLES 21285-21311						
OVERBURDEN				8.0								091702	
MINOR SPECKLED CLASTS. GHOSTY BOUNDARIES.		N6		10, 20				22.0–27.0					
								285	72.	0.02	<0.01	0.01	
								27.0–32.0					
								286	94.	4.50	0.06	4.44	
				30			RED SPH. VEINS AS FRACTURE FILLINGS w/ PYRITE + QTZ	32.0–37.0					
								287	97.	5.15	0.60	4.55	
VAGUE BANDING ∡ 90		N3		37.0, 40				37.0–42.0					
								288	80.	0.08	<0.01	0.07	
		N6					VUG + FRACTURE FILLING	42.0–47.0					
								289	80.	5.60	0.02	5.58	
								47.0–52.0					
		N9		50				290	82.	0.12	<0.01	0.11	
								52.0–57.0					
		N6						291	70.	0.88	<0.01	0.87	
MINOR SPECKLED CLASTS.				60			SPH (Y). VUG + FRACTURES w/ SPAR + QTZ, MINOR STY.	57.0–62.0					
								292	97.	6.00	<0.01	5.99	
								62.0–67.0					
								293	97.	1.65	<0.01	1.64	
				70				67.0–72.0					
								294	78.	0.05	<0.01	0.04	
								72.0–77.0					
								295	83.	1.30	<0.01	1.29	
				80				77.0–82.0					
							Y. SPH w/ PYRITE IN VEINS + MINOR DISSEMINATED FORM, w/ QTZ.	296	86.	0.24	<0.01	0.23	
VAGUE BANDING ∡ 90°								82.0–87.0					
								297	91.	3.70	0.01	3.69	
				90				87.0–92.0					
								298	101.	9.90	0.05	9.85	
								92.0–97.0					
								299	103.	3.85	0.02	3.83	
				100				97.0–102.0					
								300	95.	3.50	0.01	3.49	
								102.0–107.0					
								301	93.	0.22	<0.01	0.21	
				110				107.0–115.0					
SECTIONS VERY SIMILAR TO MICRO-MOTTLED IN UNIT C.								302	99.	0.25	<0.01	0.24	
								115.0–123.0					
				120				303	96.	0.37	<0.01	0.36	
							SPH. ASSOC. w/ PYRITE VEINS	123.0–128.0					
								304	95.	1.32	<0.01	1.31	
				130				128.0–138.0					
								305	94.	0.55	<0.01	0.54	
				140				138.0–143.0					
								306	92.	0.35	<0.01	0.34	
							SPH (R). w/ QTZ VUG + VEIN FILLING	143.0–148.0					
								307	92.	4.15	0.02	4.13	
		N5		150				148.0–154.0					
								308	90.	<0.02	<0.01	0.01	
								154.0–161.0					
								309	93.	0.22	<0.01	0.21	
				160				161.0–168.0					
								310	96.	4.60	0.02	4.58	
								168.0–173.0					
				170				311	80.	0.50	<0.01	0.49	
SECTION OF SPECKLED PATCHES				174.0, 177.0, 180									
"MICRO-MOTTLED" AS IN UNIT C VAGUE BANDING ∡ 75-80°													
		N9		200									
		N6		210			MINOR AMTS. OF SPH (R) AS CRYSTALS IN VUGS						
"MICRO-MOTTLED" AS IN UNIT C VAGUE BANDING ∡ 75-80°													
				220, 230, 240, 250, 252.0									
							END BAF 75-43						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-44 | Claim: DUO 6 | Property: BAF GO2 | Overburden: 12.2' | Logged by: R. LENNOX
Elevation: 4650.8 | Section: SEC. B G H 9+600 SE 18+900 SW | Date Started: AUG. 2/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 157,772.9 | Inclination: -90 | Date Finished: AUG 3/75 | Core Size: NQ 0-120.0 BQ 120-221.0 | Core Stored at:
Easting: 76,647.9 | Azimuth: | Total Depth: 221.0 | % Core Rec'y: 81.3% | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
STICK UP				0 / 2.9			SAMPLES: 21312-21325							
				10										
OVERBURDEN				15.0 / 15.8										
MICRITIC BAND		NS		20										
				26.5										
MICRITIC BAND				30 / 32.0										
SHEAR ∡ 45°				40 / 43.0										
FINELY LAMINATED PLATES OF SECONDARY QTZ. POTATO CHIP VARIETY.				50										
				60										
NB: LOCAL CONCENTRATIONS OF SPECS OUTLINING VUGS.				70										
SPECKLES ARE SPHERICAL; SIZE-1cm				80				312	92.	0.02	0.01	0.01		
								313	86.	2.50	0.02	2.48		
								314	89.	4.40	0.03	4.37		
				90 / 93.0			SPECKLED CLASTS MICRITIC MATRIX VAGUE BX. PRIMARY PHASE HEALED SECONDARY - SPAR, QTZ, PY. + SPH. SPH. ASSOC. W/ PYRITE MAINLY. INTRODUCED IN SILICEOUS STAGE.	315	92.	0.44	0.02	0.42	
TO MICRITIC UNIT - GRADUALLY LESS SPECKLED AND LIGHTER COLOURED.				96.0										
				100				316	94.	1.10	0.01	1.09		
GRADUAL CONTACT W/ INTER BANDED MICRITIC + SPECKLED MICRITE WITH SPECKLED PATCHES.				103.0				317	97.	0.30	0.01	0.29		
				110				318	92.	4.60	0.04	4.54		
								319	84.	0.46	0.01	0.45		
				120			BX. MORE DISTINCTIVE. SPECKLED CLASTS CM SCALE (1-40) IN MICRITIC MATRIX. SPECKLED CLASTS PREDOMINATE, ANG. UCAR. POSSIBLY 2 PHASES OF BRECCIATION. QTZ. COMMON VUG FILLING.						
				130			SPH 2% ZN OVER 0.5'							
				140										
				150			SPH 0.2% ZN (8')							
				160										
				170										
VAGUE BANDING mm SCALE ∡ 80-90°				180				320	96.	0.02	<0.01	0.01		
								321	96.	1.00	0.01	0.99		
				190				322	76.	0.48	0.01	0.47		
				200			SPH (R) IN VUGS + VEINS ASSOC. W/ LATE STAGE EUHEDRAL QTZ.	323	96.	3.90	0.03	3.87		
								324	50.	1.30	0.02	1.28		
				210				325	92.	0.05	<0.01	0.04		
				220 / 221			MINOR SPH.							

END DDH

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-45 | Claim: DUO 6 | Property: BAF-GOZ | Overburden: 22.0 | Logged by: R. LENNOX
Elevation: 5021.0 | Section: 8+00 SE, 12+00 SW, SECTION 6P | Date Started: AUG. 7/75 | Contractor: LONGYEAR | Scale: 1"=10'
Northing: 158,450.3 | Inclination: -90 | Date Finished: AUG. 9/75 | Core Size: BQ | Core Stored at:
Easting: 76,242.2 | Azimuth: | Total Depth: 326.0' | % Core Rec'y: 70.4 | CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
STICK UP 4.0'				0			SAMPLES: 21326-21342						
				10									
				20									
OVERBURDEN													
NO VUGS. ORANGE MICRITE (FIELD MAPPING)		10YR 8/6		30									
MICRITE BAND		N2		40									
				50									
				60									
				70									
				80									
SHEAR ∡ 85				90									
				100									
				110									
				120									
TRANSITION TO MICRITIC. LOOKS LIKE ORANGE MICRITE ON SURFACE. QUITE HARD BUT NOT SILICIFIED		N6		130				326	74.	0.03	0.02	0.01	
								327	94.	0.43	0.11	0.32	
								328	75.	0.49	0.17	0.32	
				140			COARSE DOLO-STONE CLASTS						
				150			BX. (SOLUTION) VAGUE PATCHES OF SPECKLED W/ GHOSTY BORDERS. CLASTS ANGULAR, 1-10 CM WITH SPAR, QTZ. + MINOR SPH. INFILLING						
				160									
INDISTINCT PATCHES OF SPECKLED 1-40 CM.				170									
				180			V. MINOR SPH IN VUGS W/ QTZ.						
				190									
				200									
				210				329	70.	0.06	0.03	0.03	
							SPH (R). ASSOC. W/ PYRITE VEINS.	330	93.	0.51	0.03	0.48	
SPECKLED PATCH				220				331	80.	0.58	0.04	0.54	
RED COLOUR SIMILAR TO THAT FOUND IN WEST HOLES.		N1						332	74.	0.62	0.06	0.56	
				230			MINOR AMOUNT OF WEATHERING	333	63.	0.13	0.02	0.11	
				240				334	66.	0.12	0.01	0.11	0.02
								335	66.	0.12	0.01	0.11	0.01
							BOULANGERITE NEEDLES IN VUGS						
SHEAR ∡ 45				250				336	71.	0.69	0.02	0.67	<0.01
							SPH (R) IN VUGS W/ SPAR + QTZ. VERY RANDOM DISTRIBUTION.	337	83.	0.46	0.01	0.45	
				260				338	96.	0.18	0.01	0.17	
PYRITE VEIN ∡ 70°								344	95	0.15	0.01	0.14	
PYRITE VEIN ∡ 30°				270									
SPECKLED PATCH													
				280				339	85	0.06	0.01	0.05	
								340	80.	0.26	0.01	0.25	
SPECKLED PATCH				290				341	78.	0.21	0.01	0.20	
				300				342	70.	0.04	0.01	0.14	
				310									
				320									
				326			END BAF 75 45						

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: DDH 00-02 | Claim: | Property: DDH-00-02 | Overburden: | Logged by: R. LEWIS
Elevation: 58.8 m | Grid: | Section: 18 BLK | Date Started: DEC 6 '00 | Contractor: CANYON DRILLING | Scale: 1:50
Northing: 17,426.8 | Inclination: -70° | Date Finished: DEC 6 '00 | Core Size: NQ | Core Stored at: CEL
Easting: 17,606.8 | Azimuth: | Total Depth: 401.0 m | % Core Rec'y: 97.5%

NOTES	LITHOLOGY CODE	COLOUR	SECTION	NOTES	SAMPLE NO.	Au (g/t) TOTAL	% Zn TOTAL	% Zn SOLUBLE	% Zn ACID SOLUBLE	% Pb
						ASSAYS				
STICK UP										
OVERBURDEN										
										001702
TRANSITIONAL TO INTERMEDIATE ?										
LAMINATED SPHALERITE										
				GRAPHITIC DARK GREY						
				DK. GREY TEXTURE, GRADATIONAL SUB-UNITS						
					35	10	0.09	0.07	0.02	
				SMOTH CONTACT WITH WHITE LINE PRESENTED						
					254	14	0.70	0.66	0.10	
				MINOR VARIATION IN COLOUR, FINAL TYPE						
					345	13	0.89	0.87	0.22	
					346	65	13.60	1.70	11.70	
					347	80	0.40	0.21	2.19	
				MODE OF VEIN MATERIAL: CHALCOPYRITE, SPH, PYRITE, ARSENOPYRITE & MARCASITE	348	82	0.13	0.07	0.06	
					349	91	5.60	1.25	4.35	
					350	91	0.85	0.70	0.15	
					351	91	0.30	0.08	0.22	
					352	91	0.26	0.10	0.16	
PRESENTING VEIN CHANNEL SAMPLING					353	91	0.10	0.06	0.04	
					354	98	1.10	0.61	0.49	
				SHARED VEIN CHANNEL	355	100	38.60	0.70	37.75	
				CLEAR PRESENCE OF SPHALERITE, PYRITE, ARSENOPYRITE	356	98	0.40	1.77	0.13	
					357	98	1.40	0.35	1.05	
					358	98	2.30	1.15	1.15	
					359	98	0.39	0.15	0.24	
SEG. VEIN TRANSITIONAL CONTACT WITH HANGING WALL										
VEIN CUTS + FOLDED					360	100	0.20	0.11	0.09	
					361	100	1.30	0.41	0.89	
					362	100	1.20	0.10	1.10	
				DISSEMINATED SPHALERITE, PYRITE, ARSENOPYRITE (MARCASITE)	363	15	3.70	0.41	3.29	
					364	15	5.10	1.20	3.70	
					365	15	31.05	0.42	30.63	
					366	15	6.20	0.50	5.70	
					367	15	1.20	0.10	1.10	
DETACHED PORTION										
MINERALIZATION (ALTERNATE WITH STRONG CHLORITE ALTERATION) WITH SPHALERITE, PYRITE, ARSENOPYRITE & CHALCOPYRITE WITH MINOR MARCASITE & PYRRHOTITE (LARGE PERCENTAGE OF MARCASITE)										
				SPECIFICALLY "CLEAN" SPHALERITE						
SPECIAL SAMPLE										
EVIDENCE OF EXCAVATION FROM SURFACE (APPROX.)										
ALMOST SOLID SPHALERITE					368	11	0.27	0.04	0.23	
					369	11	5.55	0.61	4.94	0.05
				SPHALERITE	370	11	6.10	0.23	5.87	0.15
				SPHALERITE IN VEIN	371	11	0.40	0.04	0.36	0.05
DYE BLEEDS				SPHALERITE & 50°	372	11	6.20	0.31	5.89	
				VEIN CUTS FOLDED, SPHALERITE, PYRITE, ARSENOPYRITE & MARCASITE	373	11	3.50	0.14	3.36	
DK. GREYISH TO BLACK, SOFT, SOLID SPHALERITE WITH MINOR PYRITE, ARSENOPYRITE & MARCASITE, FOLIATED, SOFT, SHEARED					374	11	5.50	0.27	5.23	
				DYE BLEEDS	375	11	6.50	0.17	6.33	
					376	11	0.28	0.28	0.52	
				DK. GRY. SLIPPERY VEIN MATERIAL, FOLIATED, SHEARED, MINOR PYRITE, MINOR ARSENOPYRITE & SPHALERITE	377	11	2.00	0.31	0.28	
					378	11	8.70	0.25	18.51	
					379	11	15.80	0.39	15.41	
MINERALIZATION ENDS ABRUPTLY										
SPIRAL CRACKS, CHIPS, MOTTLING					380	10	7.00	0.16	6.84	
					381	11	3.80	0.19	3.66	
					382	11	1.50	0.12	1.38	
SULPHIDE & 45°										
SULPHIDE & 20°				TESTING BY DR. BOYLE, MINERALOGY, SPECIALIST CHARTS, SPECIAL SAMPLE NO. 00-DDH-02						
SULPHIDE & 80°										
SULPHIDE & 40°				TESTING BY DR. BOYLE, MINERALOGY, TEACHER.						
END OF HOLE										

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CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-47
Claim: DOD 1-6
Property: BAF 602
Overburden: 10.1
Logged by: T. TERRIFF
Elevation: 4937.5
Section: 13+00 W
Date Started: AUG 13/75
Contractor: LONGYEAR
Scale: 1" = 10'
Northing: 15,815.7
Inclination: -70
Date Finished: AUG 16/75
Core Size: BQ, TT-2006
Core Stored at: CAMP
Easting: 75,742.9
Azimuth:
Total Depth: 332.0
% Core Rec'y: 92.7

NOTES	LITHOLOGY & TEXTURE	COLOR	CRYSTALLINITY	SECTION	MINERAL ALTERATION & WEATHERING	SULPHIDIFICATION	NOTES	SAMPLE INC. NUMBER	% CORE RECY SAMPLE INT	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
OVERBURDEN							STICK UP=1.9 SAMPLES 13244-13259 NOTES						
DISTINCT + INDISTINCT PATCHES OF SPECKLED DOLO		BY		20			BX: MATRIX: SPAR CLASTS: SPECKLED PICRITIC + SOME CHERT ANGULAR - SUBANG. SIZE: 1.0-25-210mm						
				30			BX: SAME AS ABOVE SIZE: 2.0-40.0mm						
				40			BX: MATRIX: SPAR CLASTS: SPECKLED DOL ANGULAR: SUBROUNDED SIZE: 0.5-25mm ORIGIN UNKNOWN						
STYLOLITE				80			MINOR PY ALONG STYLOLITES						
							PICRITIC CLASTS ALSO PRESENT						
STYLOLITE				120			BX: TECTONIC MATRIX: SPAR CLASTS: SPECKLED DOL ANGULAR - FRAGMENTS SIZE: 1.5-50mm PRESENCE OF SERIC. AT FAULT SUGGESTS FIGHT ON FAULT ZONE						
FAULT				130			SPH: 0.05% Zn FAULT W. ARG. ALTERATION SPHALERITE ALSO PRESENT SIZE: 0.5-12mm						
STYLOLITE							SPH: 0.05%						
				140			BX: CLASTIC MATRIX: SPAR CLASTS: SPECKLED DOL + PICRITIC ANGULAR - SUBROUNDED SIZE: 1.0-75mm	142.0					
								234	64	0.05	0.01	0.04	
								147.0			0.01	0.03	
STYLOLITES				150			PY PRESN. W/ SPH IN PATCHES	245	73	6.35	0.05	6.30	
								152.0			0.12	0.18	
								246	53	0.40	0.02	0.38	
								157.0			0.1	0.2	
				160				247	93	3.35	0.04	3.31	
								162.0			0.1	0.3	
BX: OBSCURES SPECKLED + PICRITIC DOLO DUE TO THE INTERMIXING OF CLAST TYPES				170				248	96	1.25	0.02	1.23	
								167.0			0.1	1.2	
								249	90	1.55	0.03	1.52	
								172.0			0.01	1.0	
				180				250	92	1.45	0.03	1.42	
				182.0				177.0			0.0	0.4	
								255	92	0.02	0.01	0.01	
								182.0			0.01	0.01	
				190									
STYLOLITE							BX: MATRIX: SPAR + RECRYSTAL CLASTS: PICRITIC DOLO ANGULAR SUBANG. SIZE: 0.5-1.0mm QTZ PRESENT IN CONTACTS MINOR PY ALSO FOUND THROUGH OUT						
STYLOLITES				200									
				210									
STYLOLITE				220									
SLICKEN SIDES + SMEARED PY													
				230									
STYLOLITES													
				240									
STYLOLITE				242.5									
VUGGY				250			BX: MATRIX: SPAR CLASTS: PICRITIC DOLO SUBANGULAR SUBROUNDED SIZE: 1.0-10.0 MODERATE ALTERATION PY IN MATRIX + VUGS	249.0					
LAMINATIONS @ 45°				252.5				252	81	0.02	0.01	0.01	
								254.0			0.1	0.1	
				260				251	75	0.67	0.02	0.65	
								260.0			0.1	0.7	
							SPH ASSOC W/ PY + QTZ IN VUGS	253	72	2.40	0.02	2.38	
								265.0			0.1	1.2	
STYLOLITES ABANDON THROUGH BOTTOM VUGGY				270			PYRITE FOUND IN STYLOLITES AND FRACTURES	254	80	0.05	0.01	0.04	
								270.0			0.0	0.1	
				280									
				290									
				300									
				310									
				320									
SHEAR ZONE @ 32°				330									
MINOR SPECKLED PATCH													
				340									
SPECKLED PATCH				350									
				360									
SPECKLED PATCH				370									
				380									
END				390			END BAF 75-47						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No.: BAF 95-45
Elevation: 4903.2
Northing: 157,863.9
Easting: 78,812.5

Claim: STOL 7
Section: 7+00E TO 8+00E
Inclination: -90
Azimuth:

Property: BAF GOZ
Date Started: AUG 18 / 95
Date Finished: AUG 22 / 95
Total Depth: 357.0

Overburden: 7.0'
Contractor: LONGYEAR
Core Size: BQ
% Core Rec'y: 70.3%

Logged by: T. TERRIFF
Scale: 1" = 10'
Core Stored at: CAMP

NOTES	LITHOLOGY TEXTURE	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL ALTERATION WEATHERING	NOTES	SAMPLE INC & NUMBER	% SAMPLE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
						STICK UP = 1.0' NO SAMPLES TAKEN						
OVERBURDEN			5.0									
			10									
			20									
			30									
			40									
LOCALLY WISPY BANDED			50									
			60									
			70									
			80									
			90									
			100									
			110									
			120									
			130				QUART. BX @ 130'					
SPECKLED PATCHES			140									
			150									
			160									
STYLOLITE			170									
			180									
			190				PY IN FRACTURES					
			200									
			210				PY IN FRAG.					
			220									
STYLOLITES			230									
MINOR FRACTURE ZONE			240									
STYLOLITE			250									
STYLOLITES			260									
STYLOLITES			270									
STYLOLITES			280				BX. MINOR MASSIVE SPAR CLASTS, SPECKLED SUBANGULAR NUMMULITIC SIZE 10-40mm					
STYLOLITES			290									
			300									
STYLOLITES			310									
STYLOLITE			320									
STYLOLITES			330				PY IN FRACTURES					
STYLOLITES			340				MINOR BX CLASTS, SPECKLED					
STYLOLITES			350				BX. COMPACT SPAR CLASTS, MODERATELY ANGULAR SIZE 10-200 mm					
			360									
			370				MINOR SOLID PY					
STYLOLITES			380									
			390				END BAF					
			357.0									

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 79-49 | Claim: DUG 6 | Property: BAF-GOZ | Overburden: 14.0' | Logged by: R. LENNOX
Elevation: 5,515 | Section: SEC. DE | Date Started: Aug 1 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 159,589.8 | Azimuth: 0-90°SE | Date Finished: Aug 27 | Core Size: HQ, NQ-BQ | Core Stored at: CAMP
Easting: 75,699.2 | Inclination: -90° | Total Depth: 386.0 | % Core Rec'y: 74.6%

NOTES	LITHOLOGY TEXTURE	COLOR	CONTACT	SECTION	MINERALIZATION	MINERAL ALTERATION WEATHERING	NOTES	SAMPLE NO.	% SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
STICK-UP				0									
				2.0			SAMPLES 21388-21489					091702	
				10									
OVERBURDEN				14.0			INTERMEDIATE WEATHERING TO 100.0'						
				20									
				30				383	98	0.38	0.32	0.06	
											n.f.	n.d.	
FAULT ∠ 17°							TRITONE DK. GREYISH BLACK, SILICEOUS CHERT, MILKY, ANGULAR SIZE OF -14.0mm	382	98	0.11	0.09	0.02	
				40							n.f.	n.d.	
								399	77	0.11	0.09	0.02	
											n.f.	n.d.	
				50				384	74	0.09	0.08	0.01	
											n.f.	n.d.	
				60				385	99	0.79	0.74	0.05	
							SHYNBOSHITE IS A WHITE FRG FRACTURES + FAULTS				n.f.	n.d.	
				70				386	68	0.18	0.14	0.04	
											n.f.	n.d.	
				80				387	76	2.20	2.10	0.10	
											n.f.	n.d.	
VAGUE SPECKLING				90									
				100			FROM HERE TO 120.0 INTENSELY WEATHERED.	388	98	2.30	2.20	0.10	
											n.f.	n.d.	
WEATHERING OBLITERATES THE LITHOLOGY IN PLACES, COULD BE COMPARABLE TO SPECKLED FOUND IN OTHER HOLES							EX. OF UNKNOWN SILICIC SHYNBOSHITE MATRIX, SPECKLED + MILKY TIC CLASTS IN ANGULAR 1.5-120 cm. ABUNDANT	389	95	6.20	5.40	0.80	
				110							n.f.	n.d.	
								400	90	3.25	3.20	0.05	
VAGUE SPECKLED PATCHES				120							n.f.	n.d.	
								401	15	5.90	5.80	0.10	
				130							n.f.	n.d.	
								390	37	0.38	0.30	0.08	
											n.f.	n.d.	
				140				402	37	0.16	0.14	0.02	
											n.f.	n.d.	
								403	31	1.75	1.70	0.05	
				150							n.f.	n.d.	
VAGUE SPECKLED PATCHES.								391	42	1.80	1.75	0.05	
											n.f.	n.d.	
								404	48	0.63	0.58	0.05	
											n.f.	n.d.	
								405	24	0.41	0.37	0.04	
											n.f.	n.d.	
								406	15	0.19	0.17	0.02	
											n.f.	n.d.	
				160				392	92	0.21	0.18	0.03	
											n.f.	n.d.	
								407	92	0.12	0.09	0.03	0.05
											n.f.	n.d.	n.d.
VAGUE SPECKLED PATCHES				170				408	88	0.22	0.20	0.02	0.03
											n.f.	n.d.	n.d.
								409	88	0.21	0.20	0.01	0.02
											n.f.	n.d.	n.d.
				180				393	100	0.61	0.53	0.08	
											n.f.	n.d.	
				190									
				200									
				210			MINOR GALENA IN A FRACTURE	394	88	0.28	0.26	0.02	
											n.f.	n.d.	
				220									
SPECKLED PATCH				230									
				240			TECTONIC DK. GREYISH BLACK, MATRIX SUBSIDIARY, 0.5-1 cm. ABUNDANT HIGH ANGLE STRUCTURE. CLASTS HIGHLY FRACTURED.	395	90	0.05	0.04	0.01	
											n.f.	n.d.	
				250				396	95	1.10	0.04	1.06	
							2% BLEEDS WITH LOTS PYRITE SPAR + PYRITE.				n.f.	n.d.	
				260				397	97	0.80	0.04	0.76	
											n.f.	n.d.	
				270									
				280									
				290			SO-100% RX. FLOUR.						
SPECKLED PATCH				300									
				310									
SPECKLED PATCH				320									
				330			SPH (?). MINOR. CHL INTERSTITIAL BLEB OF LATE STAGE ABRUPT PILLOW						
				340									
				350									
				360									
				370									
				380									
				386.0			END 386						
							75-49						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-50 | Claim: STOLL | Property: BAF GOE | Overburden: 11.5 | Logged by: T. TERRIFF
Elevation: 4453.5 | Section: 11N & 12N (BAF & BAF EXT) | Date Started: AUG 23 0/75 | Contractor: LONG YEAR (AB 0-2) | Scale: 1" = 10'
Northing: 167,650.8 | Inclination: -90 | Date Finished: AUG 27 0/75 | Core Size: AQ (0-2), BQ (2-350) | Core Stored at: CAMP
Easting: 74,866.6 | Azimuth: | Total Depth: 351.0' | % Core Rec'y: 92.5

NOTES	LITHOLOGY TEXTURE	COLOR	ALTERATION	MINERALIZATION	STRUCTURE	SAMPLE NUMBER	% CORE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
OVERBURDEN											
MINOR FAULT @ 65°											
SERIES OF VUGS PLANES INTERCONNECTING FILLED MAINLY W/ SPAR											
SPECKLED INTERCLASTS											
PATCH OF MORE COARSE GRAINED GOE											
SPECKLED INTERCLASTS											
SPECKLED PATCHES											
STYLOLITE											
STYLOLITE											
LARGE SPECKLED PATCH											
GRAIN SIZE VARIES BETWEEN FINE & MEDIUM BETWEEN 2 & 2-1											
STYLOLITE											
MOTTLED TEXTURE SPECKLED PATCHES VUGGY											
STYLOLITES											
STYLOLITE											
STYLOLITES											
SPECKLED PATCH											
NO RECOVERY OVER THIS SECTION											
					STICK UP = 2.8'						
					SAMPLES 13256 - 13366						
					NOTES						
					← SPH IN FRACTURE @ 55° MODERATE WEATHERING						
					BX MATRIX QTZ SPAR CLASTS: MICRITIC GOE SUBANGULAR SIZE: 2.0-15.0 mm						
					PSEUDO BX TOPPED BY SPAR FILLED VUGS MINOR WEATHERING SPH + PY						
					BX MATRIX: SPAR CLASTS: MICRITIC GOLD ANGULAR - SUBANGULAR SIZE: 1.0-25.0 mm THIS BX MAY PERHAPS BE A SERIES OF SMALL BX SOME SPECKLED CLAST FOUND @ 75.0						
					MINOR GAL IN VUGS MINOR SPH IN VUGS < 0.2% Zn						
					MINOR SPH IN VUGS < 0.2% Zn						
					← SHOW ON ROOF						
					BX MATRIX BX PERHAPS MICRITIC CLASTS: SPECKLED GOLD ANGULAR - SUBANGULAR SIZE: 1.5-12.0 mm	116.0					
					← COLLOFORM SPH "SHOW-RUN ROOF"	256	79.	0.29	0.09	0.25	
						121.0			n.a.	n.a.	
						257	80.	0.30	0.06	0.29	
						127.0			n.a.	n.a.	
						258	68.	0.02	0.01	0.01	
						133.0			n.a.	n.a.	
					BX MATRIX BX MATRIX MICRITIC CLASTS: SPECKLED GOLD ANGULAR - SUBANGULAR SIZE: 1.0-20.0 mm						
					← SPH ASSOC W/ GQ, PY						
					← MINR ASSOC W/ GQ, PY	198.0					
						259	90.	0.14	0.02	0.12	
						203.0			n.a.	n.a.	
						260	97	0.41	0.03	0.38	
					SPH ASSOC W/ GQ AND PY	208.0			n.a.	n.a.	
						261	93	0.40	0.05	1.35	
						213.0			n.a.	n.a.	
						262	93	0.31	0.02	0.29	
						218.0			n.a.	n.a.	
					← SPH ASSOC W/ GQ + PY						
					← SPH + PY ALONG STYLOLITE						
					PSEUDO BX MATRIX: SPAR CLASTS: MICRITIC GOLD (BOTH MINR AND) ANGULAR - SUBANGULAR SIZE: 1.0-180.0 mm						
					SPH IN VUGS W/ PY	324.0					
						263	73	0.15	0.02	0.13	
						329.0			n.a.	n.a.	
						264	73	0.30	0.06	0.29	
						334.0			n.a.	n.a.	
						265	70	0.10	0.08	0.02	
						339.0			n.a.	n.a.	
						266	94	0.09	0.01	0.03	
						344.0			n.a.	n.a.	
					SPH IN VUGS W/ PY						
					? NO BAF 75 50.						

091708

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 95-51 | Claim: STAKE | Property: BAF GOLD | Overburden: 8.8' | Logged by: T. TERRIFF
Elevation: 5147.4 | Section: 13+00 SW, 6+00 NE | Date Started: AUG 29/95 | Contractor: LONGYEAR | Scale: 1" : 10'
Northing: 159,206.2 | Inclination: -60 | Date Finished: AUG 31/95 | Core Size: NQ (0-1235), BQ (1235-1370) | Core Stored at: CAMP
Easting: 75,009.4 | Azimuth: 330 | Total Depth: 1370 | % Core Rec'y: 96.3

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SULPHIDIZATION	MINERAL ASSEMBLAGE	NOTES	SAMPLE INT. NUMBER	% CORE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%
OVERBURDEN				10			STICK-UP: 3.3 SAMPLE NO. 13267-13284						
				12.9									
				20			SPH ASSOC W/QTZ						
				30									
TRANSITION ZONE BETWEEN FLOATING PICRITIC + SPECKLED DOLO IS AS OCCASIONAL PATCHES OF CARBONATES PLAGIOCLASE THROUGHOUT				34.5			WEATHERED PY						
				40									
							PY W/ MINOR GAL						
				50									
STYLOLITES				56.5			MINOR GAL + PY ALONG STYLOLITE	580–267–580	96	0.16	0.12	0.04	
				60				630–268–630	92	0.95	0.11	0.84	
								630–269–630	101	0.15	0.09	0.06	
				70			SPH ASSOC W/QTZ + SPAR						
				80									
				90			SPH ASSOC W/QTZ + SPAR						
								990–270–1040	24	0.20	0.06	0.14	
SLIGHTLY BLEACHED				100			SPH ASSOC W/ QTZ. PYRITE IN VEINS MINOR ALLIAN SPLITE	1040–271–1090	72	6.70	1.20	5.50	
				110				1090–272–1140	88	5.20	0.40	4.80	
				120				1140–273–1190	88	6.60	0.09	6.51	
				123.5				1190–274–1240	73	6.10	0.06	6.09	
				130				1240–275–1290	73	1.55	0.08	1.47	
								1290–276–1340	87	0.22	0.01	0.21	
HIGH OF THE LITHOLOGY IS BRECCIATED BY THE PARTIAL SILICIFICATION POSSIBLY IS A TRANSITION ZONE				140									
SPECKLED PATCHES				147.5									
COARSE GRAINED GAL				150									
				160									
				170									
				180									
				190			PY VEIN						
				197.7									
				200			SPH ASSOC W/PY IN VEIN						
				210			SPH ASSOC W/PY IN VEIN	2110–277–2160	95	0.10	0.01	0.10	
							SPH ASSOC W/PY	2160–278–2210	96	1.30	0.01	1.30	
STYLOLITES				220									
STYLOLITES							SPH ALONG STYLOLITE	2210–279–2260	96	0.55	0.01	0.55	
SPECKLED PATCH				230			MINOR TECTONIC BX	2260–280–2310	96	0.96	0.01	0.96	
SPECKLED PATCH								2310–281–2360	92	0.18	0.01	0.181	
STYLOLITES				240				2360–282–2410	99	0.01	0.01	0.01	
							SPH IN VUGS	2410–283–2460	100	1.20	0.01	1.20	
SPECKLED PATCH				250				2460–284–2510	100	0.01	0.01	0.01	
STYLOLITES				260									
				270			FERRUG DY CARBONATE CRYSTALLINE MICRITIC NON-FOLIATED MOD-HIGH SULPHIDES 1-5% IN PATCHES					
SPECKLED PATCH				280									
				290			MAJOR FAULT CONTACT: SPAR, ROCK FLOUR CLASTO-MICRITIC DOLO ANGULAR SIZE: 1.0-2.0 mm 12% SPECKLED PENDANTS 1-5% CASTS						
MICRITIC-DOLO BROKEN UP BY PARTIAL SILICIFICATION													
STYLOLITE				300									
DARK BANDING @ 4.5°				310			MINOR TECTONIC BX						
				320									
SPECKLED PATCH				330			MINOR TECTONIC BX						
				340									
STYLOLITE				350									
				360									
				370									
SPECKLED PATCH				380									
STYLOLITES				390									
END BAF 95-51													

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-52 | Claim: DUO 6 | Property: BAF-GOZ | Overburden: 4.4 | Logged by: R. LENNOX
Elevation: 5119.9 | Section: SEC. JK / SEC. H7 / 18+00 S 6W / 2+90 DE | Date Started: AUG 29/75 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 158,508.1 | Inclination: -90 | Date Finished: AUG 31/75 | Core Size: NQ 0-170.0, BQ 170.0-260.0 | Core Stored at: CAMP
Easting: 75,528.4 | Azimuth: | Total Depth: 260.0 | % Core Rec'y: 81.8

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
STICK UP				2.6			SAMPLES 21910 – 21920							
OVERBURDEN				7.0										
ORANGE MICRITE FRACTURED WITH SPAR INFILLING.		10 YR 8/2		10										
		N4												
		10 YR 8/2		20										
		N3												
QTZ. BLEBS				30										
				40										
				50										
				60										
				70				68.0–73.0						
								410	88.	1.95	1.90	0.05		
							BX. (SOLUTION?) SPAR + WEATHERED SPH. MATRIX, SPECKLED + MICRITIC CLASTS 1-30 mm, ROUNDED-ANGULAR. SPH (R). VEIN W/SECONDARY SMITH	73.0–78.0					
								411	79.	7.10	6.90	0.20		
SPAR CREATED "BRECCIA." UNIT CONTAINS SPECKLED PATCHES 1-40 CM, ROUNDED SOME DISTINCT CLASTS, OTHERS GHOSTY.		N5 + N3		80				78.0–83.0						
								412	96.	6.40	5.70	0.70		
								83.0–88.0						
								413	100.	2.75	2.12	0.63		
								88.0–93.0						
				90				414	100.	1.15	0.58	0.57		
								93.0–98.0						
								415	100.	1.40	0.51	0.89		
				100			V. COARSE CLAST.	98.0–103.0						
								416	100.	0.69	0.59	0.10		
				110				103.0–108.0						
				120										
				130				128.0–133.0						
							TECTONIC BX. BX. FLOUR MATRIX REPLACED BY SMITHSONITE. 20% CLASTS. HIGHLY FRACTURED + ANGULAR		417	92.	0.14	0.12	0.02
				140				133.0–138.0						
								418	86.	0.26	0.22	0.04		
FAULT ∡20°								138.0–143.0						
								419	104.	0.64	0.25	0.39		
								143.0–148.0						
				150				420	80.	0.79	0.10	0.69		
REDDISH COLOUR LIKE WEST DRILL HOLES								148.0–153.0						
LARGE SPECKLED SECTION. (1.5')				160			SPH. MATRIX 0.5' OF 1% ZN							
LOWER MICRITE		N7												
SHEAR ∡70°				170										
				180										
				190										
				200										
SPECKLED PATCH														
				210										
				220										
				230										
SPECKLED PATCH.														
				240										
				250										
				260			END BAF 75-52							

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75 53 | Claim: BTL 8 | Property: BAF - 602 | Overburden: 3.0 | Logged by: R. LEWIS
Elevation: 5325.3 | Section: (Grid) 0+00 | Date Started: SEPT. 2 | Contractor: LONGYEAR | Scale: 1" = 10'
Northing: 158,712.5 | Inclination: -90 | Date Finished: SEPT. 9 | Core Size: BQ, NQ, HQ, PQ | Core Stored at: CAMP
Easting: 75,216.2 | Azimuth: | Total Depth: 348.0 | % Core Rec'y: 80.7

NOTES	LITHOLOGY TEXTURE	COLOR	CONTACTS	SECTION	DIAGRAMMATIC SECTION	NOTES	SAMPLE NO.	% CORE REC'Y	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
STICK UP				2.0								091702
OVERBURDEN				5.0								
ORANGE MICRITE		LG, GY, BK		10		SAMPLES 21421-21451 / 21472-21475						
				20		SMITHSONITE PRESENT AS FRACTURE FILLING.	8.0 / 12.0					
				30			421	72.	1.05	0.98	0.05	
							422	62.	1.95	1.90	0.05	
				40			423	102.	1.25	1.05	0.20	0.10
						VEINLETS OF GALENA.	424	88.	0.65	0.34	0.31	0.55
				50			425	98.	0.20	0.15	0.05	0.45
							426	94.	0.58	0.48	0.10	0.22
				60			427	90.	0.26	0.20	0.06	0.05
							428	106.	0.31	0.25	0.06	
							429	88.	0.10	0.09	0.01	
				70		MINOR WEATHERED TO SPH.	430	96.	1.90	1.65	0.25	
				80		GALENA VUG FILLING. SPH/PY (1:10)						
SPECKLED PATCH				90			431	58.	1.50	1.35	0.15	
				100		WEATHERED W/ SMITHSONITE	432	86.	4.40	4.35	0.05	0.25
QTZ. BLEBS				110		MEDIUM-COARSE DOLOMITE CLAST						
SILICIFICATION BLEACHES THE WISPY BANDS.				120								
DARK PATCHES — MICRO-SPECKLED. OR SCARCE SPECKLED NATURE CHANGE.				130			433	84.	0.62	0.16	0.46	
						SOLUTION BX. DARK CLASTS — CALCITE CLASTS. SPH, MINOR QTZ. W/ SPAR INFILLING SPECIAL MARBLE PRESENT, OFTEN W/TH PYRITE	434	114.	2.95	0.12	2.83
				140			438	103.	0.70	0.07	0.63	
						EVIDENCE OF TOURMALINE	435	103.	0.68	0.04	0.64	
				150			436	102.	1.15	0.02	1.13	
							437	102.	1.00	0.01	0.99	
				160		PSEUDO-BRECCIA	439	97.	0.68	0.02	0.66	
PYRITE SEAM						COARSE DOLOMITE CLAST.	440	72.	0.13	0.01	0.12	
				170		COARSE DOLOMITE CLAST						
							441	94.	1.25	0.02	1.23	
				180			442	92.	0.16	0.01	0.16	
							443	90.	0.68	0.01	0.68	
MORE DEFINITE SPECKLED PATCHES				190			444	84.	0.40	0.01	0.40	
							445	77.	0.68	0.01	0.68	
				200			446	74.	0.09	0.01	0.09	
				210								
				220								
				230								
				240								
				250								
HEAVILY FRACTURED WITH SERIE ZONES. SHEAR @ 45°				260								
							447	90.	0.07	0.01	0.07	
				270			448	73.	1.30	0.01	1.30	
SPECKLED PATCH				280		PSEUDO BRECCIA	449	67.	0.45	0.01	0.45	
				290		SPH(R), MAINLY INFILLING WEEK SPAR.	450	80.	3.30	0.01	3.30	
SHEAR @ 85°				300			451	108.	0.19	0.01	0.19	
						PSEUDO BX. SPH. 1.0% ZN OVER 1.5'	472	89.	0.65	0.02	0.63	
				310			473	98.	0.06	0.01	0.06	
				320		PSEUDO BRECCIA SPH W/ PYRITE IN VEINLETS & SEAMS 2.0'	474	88.	1.16	0.02	1.14	
							475	96.	0.10	0.01	0.09	
				330		SPHALITES						
						PSEUDO BX. SPH(R) W/ PYRITE						
				340		MINOR SPH W/ PY.						
				348		END BAF 75-53						

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF 75-54 | Claim: [illegible] | Property: BAF 602 | Overburden: 100 | Logged by: [illegible]
Elevation: 5232.7 | Grid: NE Section: 1+00 E | Date Started: SEPT 30/75 | Contractor: [illegible] | Scale: 1" = 10'
Northing: 158,463.3 | Inclination: -55 | Date Finished: SEPT 6/75 | Core Size: AQ to 310 | Core Stored at: CAMP
Easting: 75,066.6 | Azimuth: 215° | Total Depth: 376.0 | % Core Rec'v: 96.7

NOTES	LITHOLOGY TEXTURE	COLOR	SECTION	DEPTH	INCLINATION	AZIMUTH	NOTES	SAMPLE INTERVALS NUMBER	% SULPHIDE	TEXT	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	% Pb
OVERBURDEN THIS HORIZON IS SLIGHTLY WEATHERED				10										
SLIGHTLY VUGGY				20										
STYLOLITE				30										
STYLOLITE				40										
				50										
				60										
				70										
				80			← WEATHERED SPH IN VUGS							
STYLOLITE				90										
				100										
				110										
PATCHES OF MICRITIC ISOLD SPH AND ALBITIZED SPECKLED ISOLD				120										
				130			WEATHERED SPH							
				140										
STYLOLITE				150				1470						
							PSEUDO BX MATRIX SPAR CLASTS MICRITIC SUBANGULAR SUBROUNDED SIZE: 1-10 mm	285 1520	33	0.95	0.08	0.87	
STYLOLITE				160			SILICEOUS ALGAE FOUND THROUGHOUT BX SIZE: 1-3 mm FOUND IN MATRIX & IN CLASTS	286 1570	33	1.60	0.06	1.54	
SAND GRAINS				170			POSSIBLE LARGE CLAST	287 1620	32	3.55	0.09	3.46	
							PSEUDO BX MATRIX SPAR CLASTS MICRITIC ISOLD SUBANGULAR SUBROUNDED SIZE UP TO 20.0 mm	288 1670	32	1.60	0.05	1.55	
STYLOLITE				180			SILICEOUS ALGAE FOUND THROUGHOUT BX IN MATRIX & CLASTS SIZE: 1-10 mm	289 1720	35	1.80	0.04	1.76	
SPECKLED PATCH								290 1770	35	0.13	0.01	0.12	
							SPH IN FRACTURE	291 1820	31	0.42	0.01	0.41	
COARSE GRAINED DOL. PATCH				190				292 1870	36	0.11	0.03	0.10	0.01
							SPH IN VUGS & IN MATRIX 40% SPH	293 1920	34	2.50	0.06	2.44	0.04
				200			MINOR BARITE	294 1970	35	0.51	0.02	0.49	0.04
							PSEUDO BX MATRIX SPAR CLASTS MICRITIC ISOLD SUBANGULAR SUBROUNDED SIZE: 1-10.0 mm SILICEOUS ALGAE AS IN PREVIOUS BX SIZE: UP TO 210 mm MINOR BARITE	295 2020	32	0.55	0.03	0.52	0.02
				210				296 2070	34	0.18	0.01	0.17	0.03
SPECKLED PATCH								297 2120						
SPECKLED PATCH				220										
				230										
							MINOR TECTONIC BX							
SPECKLED PATCH CONTACTS GRADUAL				240										
							SPH IN VUGS	298 2170						
SPECKLED PATCH				250				299 2220	69	0.12	0.01	0.09	
SPECKLED PATCH				260			SPH ASSOC. W/ SPAR IN VUGS	300 2270	98	0.90	0.04	0.86	
							MINOR TECTONIC BX	301 2320	94	0.02	0.01	0.01	
				270			SPH AND BX AS ABOVE EXCEPT NO SHIC FRED MARKS	302 2370						
SPECKLED PATCH														
SPECKLED PATCH				280										
LITHOLOGY PARTIALLY DISRUPTED BY MICRITIC SILICIFICATION				290										
STYLOLITE				300										
SPECKLED PATCH				310										
STYLOLITE														
SPECKLED PATCH STYLOLITE				320										
SPECKLED PATCH				330										
				340										
				350										
								3470						
								301 3520	68	<0.01	<0.01	<0.01	
STYLOLITE				360				302 3570	98	0.79	0.02	0.77	
								303 3620	98	0.03	<0.01	0.02	
				370			SPH ASSOC. W/ SPAR IN VUGS	304 3670	100	0.97	0.03	0.94	
END							END BAF 75-54							

091702

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

Hole No: BAF-G02 55 Claim: STOL 7 Property: BAF-G02 Overburden: 9.0' Logged by: R. LENNOX
Elevation: 4,686.3 Section: SEC 5 Date Started: SEPT. 6 Contractor: LONGYEAR Scale: 1"=10'
Northing: 157,406.0 Inclination: -50 Date Finished: SEPT. 9 Core Size: NQ 0-80.0, BQ 80-284.0 Core Stored at:
Easting: 75,020.0 Azimuth: 25° Total Depth: 284.0 % Core Rec'y: 77.9 CAMP

NOTES	LITHOLOGY TEXTURE	COLOR	CRYSTALLINITY	SECTION	SILICIFICATION	MINERAL BRECCIA WEATHERING	NOTES	SAMPLE INT. & NUMBER	% CORE REC'Y SAMPLE INT.	ASSAYS ESTIMATES % Zn TOTAL	% Zn SOLUBLE	% Zn SULPHIDE	%	
STICK UP 2.0'				0										
												091702		
OVER BURDEN				10										
		N4		11.0										
				20										
				30										
				40										
				50			MINOR SPH. (R). SNOW ON ROOF							
				60										
				70			MINOR SPH. W/ SPAR + QTZ.							
				80			SNOW ON ROOF MINOR SPH. (SAMPLE)							
SPECKLED PATCHES IN A MICRITIC MATRIX.		N5 + N4						452	85.0–90.0 77.	0.10	0.02	0.08		
				90			SNOW ON ROOF. ABUNDANT PYRITE W/ ASSOC. SPH. COLLIFORM Y+R COMMON.	453	90.0–95.0 70.	0.29	0.02	0.27		
								454	95.0–100.0 66.	1.52	0.03	1.49		
				100				455	100.0–105.0 85.	0.48	0.02	0.46		
				110										
SHEAR ZONE ∡?				120				456	120.0–125.0 93.	0.09	0.02	0.07		
				130			SNOW ON ROOF ABUNDANT PYRITE W/ ASSOC. SPH.	457	125.0–130.0 86.	9.10	0.13	8.97		
								458	130.0–140.0 85.	0.34	0.02	0.32		
				140				459	140.0–149.0 69.	0.41	0.02	0.39		
				150			SPH W/ SPAR + QTZ IN A "PSEUDO" BRECCIA.	460	149.0–154.0 70.	5.00	0.09	4.91		
								461	154.0–159.0 82.	0.03	0.01	0.02		
				160				462	159.0–164.0 93.	0.42	0.01	0.41		
"LOWER" MICRITE								463	164.0–169.0 84.	0.08	<0.01	0.07		
				170			SPH. W/ PYRITE 1% ZN OVER 10'							
VALUE SPAR BANDING.				180										
ABUNDANT PYRITE				190										
SPECKLED PATCH														
SPECKLED PATCH				200			PSEUDO BRECCIA MINOR SPH. W/ PYRITE VUG FILLING. EUHEDRAL QTZ. AFTER SPAR IN VUGS.							
								464	204.0–209.0 88.	0.23	0.01	0.22		
				210			COARSE CLAST.	465	209.0–214.0 93.	0.28	0.01	0.27		
							SPH ASSOC. W/ A MASSIVE PYRITE VEIN EXTENSITE BY VEINING.	466	214.0–219.0 98.	1.30	0.04	1.26		
				220				467	219.0–224.0 80.	0.46	0.02	0.44		
							SPH. CRYSTALS							
∥ STYOLITES ∡ 45°				230										
SPECKLED PATCH.														
				240										
								468	245.0–250.0 95.	0.25	0.01	0.24		
SHEAR ZONE ∡?				250			SPH - VUGS W/ PYRITE. (R).	469	250.0–255.0 92.	0.42	0.02	0.40		
SHEAR ZONE ∡ 45°							YELLOW SPH.	470	255.0–260.0 73.	1.47	0.04	1.43		
SPECKLED PATCH.				260			PSEUDO-BX. W/ PYRITE + QTZ INFILLING.	471	260.0–265.0 82.	0.44	0.01	0.43		
		N6		270										
				280			PYRITE W/ MINOR SPH.							
				284.0										

END BAF 75-55

FROZEN WATER LINES.

THE TERM PSEUDOBRECCIA IS USED TO DESCRIBE A RX. WITH WHITE SPARRY DOLOMITE AS MATRIX TO MATRIX SUPPORTED BRECCIA. ACCOMPANYING THE SPAR PHASE IS EUHEDRAL QTZ WITH PYRITE + SOME SPHALERITE.