

CORDILLERAN ENGINEERING LIMITED — DIAMOND DRILL RECORD

HOLE No. G.P.D. 74-1

CLAIM: BOB #5

PROPERTY: HARRISON CREEK

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SECTION	GRAPHITE	CaCO ₃	PYROBITUMUM	FRACTURING	MINERAL	GEOLOGY	COMMENTS SAMPLE TAG NUMBERS: 6912-6924	ESTIMATED % RE SULFIDES	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE INT. #	NUMBER	% RECOVERY/ SAMPLE INT.	ESTIMATED GRADE	ASSAYS						
															Zn Total	%	%	%	%	%	%
170							<p style="text-align: center;">170-452 DOLOSTONE BRECCIA</p> <p>Mainly Sph and minor Py disseminated in matrix</p> <p>— Fragments: medium to dark grey homogeneous with some pisolitic and laminated. — 1/8" to 2" with larger fragments cracked brecciated. — generally angular.</p> <p>— Matrix: — often a finer breccia which is then 80% of the time filled with an argillaceous black matrix (shaded in log) and 20% of the time with sparry dolomite.</p> <p>Black matrix breccia</p> <p>Red Brown and Yellow Sph Crystals in sparry dolomite Vug</p> <p>Laminated fragments</p> <p>Hairline fractures.</p> <p>Pisolitic Dolomite Fragments Individual pisolitic silicified</p> <p>Silicified Pisolitic Dolomite Fragment</p> <p style="text-align: center;">MINERALIZATION:</p> <p>— Py, Sph and Ry are found as breccia matrix and along fractures.</p> <p>— Sph generally found with Py</p> <p>— Well zoned mineralization shows fragments rimmed with Py then Sph then Gn then Py then Sparry dolomite.</p> <p>— Paragenesis: Py → Sph → Gn → Py → Sparry dolomite.</p>														
								172	68	171											
									73	172	72	2.0	0.31								
								177.6		176											
180								180	87	183	83.1	3.0	0.42								
								183	90	181											
								185	75	185	82.5	2.0	0.43								
190								186	80	185	80.0	0.5	0.16								
								190	80	189											
								191.4	100												
								192	75	192	86.6	4.0	0.72								
								195	80	195											
								195.6	83												
									88	17	87.0	Tr	0.06								
200								201.6	90	201											
								201.6													
								202	56	18	6.9	0.5	0.26								
								206	70	206											
									76	17	9.0	2.0	0.45								
210								211		211											
							214	60	20	6.0	1.0	0.37									
							215	70	215												
							226	50	21	50.0	Tr	0.20									
220							220	71	220												
								75	22	75.0	4.0	0.76									
							224		224												
							226	80													
							226	74	23	87.0	Tr	0.03									
							227.6														
230								91	229	80.5	1.0	0.15									

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SECTION	GRAPHITE CaCO ₃	PYROBITUMIN	FRACTURING	MINERAL	GEOLOGY	COMMENTS: SAMPLE TAG NUMBERS: 6924 - 6934	ESTIMATED Fe SULFIDES %	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE INT. # NUMBER	% RECOVERY/ SAMPLE INT.	ESTIMATED GRADE % Zn	ASSAYS							
													Zn Total							
																			%	%
230						Zebra textured fragment		231	91											
						170-452' DOLOSTONE BRECCIA		233	70	24	80.5	1.0	0.15							
								237	76	25	71.1	0.5	0.10							
								238.6	75		239									
240							Mainly homogeneous dolostone fragments			67										
							Gn with Sph		242.6		26	80.6	0.75	0.10						
							Gn with Sph		247	95	246									
250							Gn with Sph		247	89	27	94.0	8.0	2.88						
							Gn with Sph		251.6		253									
							Laminated fragment			85	28	88.1	Tr	0.06						
260							Pisolitic dolostone fragment		257	103	259									
						Homogeneous dolostone fragments		260	90	26	75.2	4.0	0.62							
								265		263										
270								269	100	30	96.0	3.0	0.28							
								273	90	31	86.6	0.5	0.14							
								276	82	27										
280								278	92	31	88.0	2.0	1.88							
								281		281										
						Sparry dolomite and Sph		285.2	66	33	71.2	Tr	0.12							
						Pisolitic dolostone fragment		287	121	286										
290								287	60	34	78.0	0.75	0.15							

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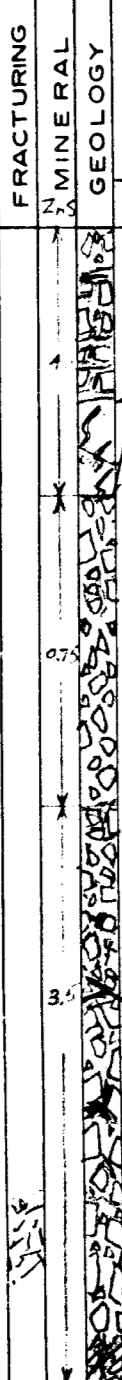
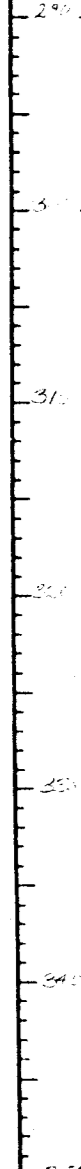
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SECTION	GRAPHITE	CaC	PYROBITUMS	FRACTURING	MINERAL	GEOLOGY	COMMENTS: SAMPLE TAG NUMBERS: 6934-6944.	ESTIMATED % Fe SULFIDES	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE INT. #	% RECOVERY/ SAMPLE INT.	ESTIMATED GRADE	ASSAYS							
														Zn Total	Zn Soluble	Sulphide Zn	Pb				
														7.2n	%	%	%				
290						170'-452' DOLOSTONE BRECCIA.		290	85	34	78.5	0.75	0.15								
292								292	70												
294								294	82	35	95.0	4.0	4.96							0.13	
296								296	103												
299								299	115	36	101.5	5.0	1.40								
301								301	91												
306								306	91												
306								306	87	37	88.6	2.0	0.67								
310								310	45												
312								312													
320								320	20	38	30.6	Tr.	0.36								
320								320	83	39	93.8	4.0	1.20								
323								323	110												
325								325	105	40	86.2	2.0	1.68								
327								327	70												
329							329	81	41	75.8	2.0	1.06									
333							333	68													
335							335	83	42	81.5	1.0	0.38									
341							341	43	43	58	0.75	1.40	0.05	1.35							
341							341	78													
349							349	90	44	80.4	8.0	3.80	0.10	3.70							

Fractured homogeneous dolostone fragment bedding.

Fine Breccia.

Multiple Fracturing.



2.0

0.75

3.5

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SECTION	GRAPHITE CaCO ₃	PYROBITUMUM	FRACTURING	MINERAL ZnS	GEOLOGY	COMMENTS: SAMPLE TAG NUMBERS: 6945-6955	ESTIMATED % SULFIDES	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE INT. # NUMBER	% RECOVERY/ SAMPLE INT.	ESTIMATED % Zn GRADE	ASSAYS						
													%	%	%	%			
													Zn Total	Zn Soluble	Sulphide Zn	Pb.			
350					70'-452' DOLOSTONE BRECCIA Zoned good colloform mineralization Sparsy dolomite Psalitic dolomite Sparsy dolomite Psalitic dolomite Sparsy dolomite Psalitic dolomite Sparsy dolomite														
							15	250	90	45	250	60	2.24	0.07	2.17	0.08			
								250	80	355	250	15.0	7.72	0.11	7.61	0.06			
360								360	109	46	360	10.0	4.40	0.07	4.33	0.18			
								365	70	47	365	8.5	0.23	0.02	0.21				
								368	83	48	368	5.0	0.92	0.03	0.87				
								369	100		369								
								370	50		370								
370								372	46		372								
								372.5	73		372.5								
								375	30	49	375	63.1	0.47	0.02	0.47				
								375	45		375								
								378	45		378								
380								381.5	25		381.5								
								381.5	73		381.5	73.3	0.5	0.92	0.03	0.87			
								381.5	50		381.5								
								381.5	75		381.5								
								381.5	25		381.5								
								381.5	73		381.5	73.3	0.5	0.92	0.03	0.87			
							381.5	50		381.5									
							381.5	75		381.5									
390							391.5	100	51	391.5	100	7.0	1.96	0.04	1.92				
							391.5	100		391.5									
							391.5	80	50	391.5	87.6	4.0	0.60	0.02	0.58				
							391.5	99		391.5									
400							400	50	52	400	70.0	6.0	2.16	0.02	2.14				
							402	77		402									
							402	67	54	402	63.6	3.0	6.40	0.08	6.32				
							402	50		402									
							402	83	55	402	87.0	15.0	4.16	0.04	4.12				

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SECTION	GRAPHITE CaCO ₃	PYROBITUMIN	FRACTURING	MINERAL Zn	GEOLOGY	COMMENTS: SAMPLE TAG NUMBERS: 6955-6963	ESTIMATED % Fe SULFIDES	DRILLING INTERVAL	% CORE RECOVERED	SAMPLE INT. # NUMBER	% RECOVERY/ SAMPLE INT.	ESTIMATED GRADE % Zn	ASSAYS							
													%	%	%	%				
													Zn Total	Zn Soluble	Sulphide Zn					
410					<p style="text-align: center;">170'-452' DOLOSTONE BRECCIA</p> <p>Bedding Sparry dolomite in Vug</p> <p>12'</p> <p>Sparry dolomite Quartz crystal in Vug</p> <p>Laminated fragment showing bedding</p> <p>2'</p> <p>Sparry dolomite fragments in black matrix.</p> <p>0.7'</p>		412	83	55	87.2	15.0	4.16	0.04	4.12						
						413	100	414												
								416	96	56	94.8	8.0	2.00	0.04	1.96					
								419	94							419				
420								421	87	57	93.0	10.0	5.48	0.05	5.43					
								423	87							425				
									96	58	91.5	1.0	0.50	0.02	0.48					
								428	85							431				
430									81	59	87.8	2.0	0.46							
								431	110					435						
								78	60	93.3	3.0	1.80								
							435	110					443							
440								92	62	94.0	0.75	0.78								
							443	110					447							
450								97	63	96.4	T _r	0.15								
							447	92					452							
					<p style="text-align: center;">452-643 ARGILLACEOUS DOLOSTONE</p> <p>Bedding</p> <ul style="list-style-type: none"> - generally grey and black laminated to thin, laminated - becoming more argillaceous with depth - locally some soft sediment structures (mud and swell, contorted bedding) - locally crackle breccia with black matrix. <p>Bedding</p>		455	95	63	96.4	T _r	0.15								
								458					97	462						
460									100	62	94.0	0.75	0.78							
								462	97					465						
470									100	62	94.0	0.75	0.78							

