

COLLAR. 2+00S
 NORTH 2+00S
 EAST 12+60W
 ELEVATION ---
 AZIMUTH N90°W Grid
 DIP -45°

CARIBOO MINELANDS LTD.

HOLE NO. 2
 COMMENCED July 19, 1969
 FINISHED July 24, 1969
 PURPOSE OF HOLE Exploration of A.B.E.M.
 anomaly.

DIAMOND DRILL RECORD

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS					ACCUMULATIVE AVERAGES					
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU	% Pb	% Zn	AU W	AG W	CU W	Pb W	Zn W	
0.0	33.0	Overburden, no core recovered.															
33.0	35.0	Gravel.															
35.0	43.0	Andesite, with dark (augite?) phenocrysts. Broken, extensively altered in places giving 'blotchy' appearance, few filled fractures, very little mineralization.															
43.0	44.0	Broken core, contact at 43' at about 30° not chloritized, some mixed sulphides.															
44.0	71.0	Altered 'andesite', remnants of feldspar phenocrysts which are corroded, disseminated pyrite and some pyrrhotite throughout, fracturing at random, angles filled with quartz.															
71.0	80.0	Altered 'andesite' as above, but more intensely fractured, fractures filled with calcite and quartz, contain more sulphides. 72.9-76.0' contains more massive sulphides, mostly pyrite, some chalcopyrite and pyrrhotite.	70.9	72.9	2.0	3357	0.04	Tr.	0.20	--	--	.08	--	.40	--		
			72.9	76.0	3.1	3358	Tr.	Tr.	0.36	0.01	--	--	--	1.52	.03		
			76.0	80.0	3.7	3359	Tr.	Tr.	0.11	--	--	--	--	1.97	--		

ALRAE EXPLORATION LTD. — DIAMOND DRILL RECORD

HOLE NO. 2

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FROM		TO	DESCRIPTION	CORE LENGTH				ASSAYS					ACCUMULATIVE AVERAGES						
				FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU	% Pb	% Zn	AU W	AG W	CU W	Pb W	Zn W		
206.1	213.9		Feldspar 'andesite', massively altered, some pyrite mineralization.																
213.9	218.0		Andesite, unaltered, large euhedral feldspar phenocrysts.																
218.0	288.0		Alternating bands, 2 - 10 feet wide, of grey, fine grained rock, feldspar 'andesite', 'augite andesite', often showing a brecciated appearance with 1/2 - 1" fragments, cut occasionally by narrow calcite filled fractures, little mineralization.																
				259.8	262.0	2.2	3367	.07	Tr.	.02									
288.0	408.0		As above but more intensely fractured, increasing with depth, heavier mineralization with 2 - 3% pyrite, traces of chalcopryite in larger fractures, also mylonitized zones, especially at 318'.	338.6	340.0	1.4	3368	.06	Tr.	.07									
				346.6	348.2	1.6	3370	.21	Tr.	.04									
				355.3	359.3	4.0	3395	Tr.	Tr.	.04									
			Alteration appears to increase with depth, becoming heavy at bottom.	359.3	363.0	3.7	3371	3.10	Tr.	.10									
				363.0	365.6	2.6	3372	.05	.74	.83									
			353-355' - contains about 1 - 2% chalcopryite, disseminated sulphides at 350 - 408', mostly pyrite, some pyrrhotite, little chalcopryite.	365.6	367.0	1.4	3373	Tr.	Tr.	.04									
	408.0		END OF HOLE																

(Assaying error) checked

DIAMOND DRILL RECORD

HOLE NO. 4

PAGE 2

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS				ACCUMULATIVE AVERAGES			
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU		AU W	AG W	CU W	
60.0	160.0	(Cont.) disseminated pyrite, pyrrhotite, chalcopyrite, some fracturing. 133.0-160.0': lightly altered mixed andesites, no mineralization, little fracturing. 137.3-138': altered (bleached) zone with calcite vein in centre, alteration increases slightly with depth.												
160.0	161.0	Heavy sulphides in veins in andesites, none disseminated.	159.6	161.3	1.7	3385	Tr.	Tr.	0.05					
161.0	193.0	Mixed Andesite, altered, massive, highly altered zone 165-165.5' with blobs of pyrrhotite and chalcopyrite.	193.7	198.2	4.5	3387	Tr.	Tr.	Tr.					
			198.2	202.3	4.1	3388	Tr.	Tr.	Tr.					
193.0	202.0	Lightly altered plagioclase andesite, random fractures filled with calcite, disseminated pyrrhotite (pentlandite?) with traces of pyrite and chalcopyrite.												
202.0	222.0	Andesite, fine grained, contact at 30°, no mineralization.												
222.0	440.0	Mixed Andesites, lightly altered, cut by calcite alteration zones with heavy sulphides; some showing brecciation; heavy alteration 238-240.5'.	223.2	228.0	4.8	3389	Tr.	Tr.	0.09					
			228.0	231.8	3.8	3390	Tr.	Tr.	Tr.					
			231.8	236.1	5.0	3391	Tr.	Tr.	Tr.					
			236.1	240.5	4.4	3392	Tr.	Tr.	0.17					

DIAMOND DRILL RECORD

HOLE NO. 4

PAGE 3

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS				ACCUMULATIVE AVERAGES			
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU		AU W	AG W	CU W	
222.0	440.0	(Cont.)												
		243.0-274.0': Highly altered extensively broken and mixed with some sulphides; ground core 253-256'.	240.5	245.0	4.5	3393	Tr.	Tr.	0.05					
		274.0-307.0': Heavily altered, cut extensively by calcite stringers, trace of disseminated pyrrhotite.												
		307.0-347.0': Lightly altered mixed andesites, alteration increasing with depth, fracturing also increases, little calcite or mineralization.												
		347.0-385.0': Altered mixed andesites, thin calcite veins, fractured; trace disseminated sulphides, heavy sulphide vein 360.2-361.6'.	360.2	361.6	1.4	3394	Tr.	Tr.	0.29					
		385.0-440.0': Heavily altered mixed andesites, 2-3% disseminated sulphides, some calcite veins and fractures.	385.0	389.4	4.4	3396	Tr.	Tr.	0.25					
			389.4	394.2	4.8	3397	Tr.	Tr.	0.01					
			400.0	404.6	4.6	3398	Tr.	Tr.	0.07					
440.0		END OF HOLE	404.6	409.1	4.5	3399	Tr.	Tr.	0.05					

COLLAR

NORTH 3+00S
 EAST 11+10W
 ELEVATION -
 AZIMUTH N90°W grid
 DIP -45°

CARIBOO MINELANDS LTD.

HOLE NO. 5
 COMMENCED August 9, 1969
 FINISHED August 15, 1969
 PURPOSE OF HOLE Exploration of A.B.E.M. anomaly.

DIAMOND DRILL RECORD

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS					ACCUMULATIVE AVERAGES				
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU	% Ni	% Pb	% Zn	AG W	CU W		
0'	49.0	Overburden.														
49.0	59.0	Dyke(?), light olive-green rock, broken weathered, appears to have high quartz content. No mineralization.														
59.0	166.0	Mixed andesites, altered, highly fractured with calcite throughout, light purple colour, fracturing increases about 67-73', which is a fault zone, 88-94' has very high calcite contact with trace chalcopryrite and pyrite.	82.0	87.0	5.0	2306	Tr.	0.1	0.13	--	0.05	0.21				
			87.5	91.5	4.0	2301	0.06	Tr.	0.20	--						
			91.5	94.5	3.0	2302	Tr.	Tr.	0.01	--						
		95.0-107': lightly altered mixed ande-	98.0	100.0	2.0	2303	Tr.	Tr.	--	--						
		site with blebs of epidote (<1%); lightly fractured, no mineralization, some calcite bands.	108.0	113.0	5.0	2307	Tr.	0.1	0.06	--	Tr.	0.13				
		107.0-166.0': lightly altered mixed ande-														
		site as above but without epidote; massive with calcite-altered bands 2" to 2' crossing core; brecciated 115.5-116.0'.														
166.0	167.0	Fine grained, light green-grey dyke, massive, no mineralization.														

} u/s

} u/s

DIAMOND DRILL RECORD

HOLE NO. 6

PAGE 2

FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS					ACCUMULATIVE AVERAGES				
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU	% Pb	% Zn	AU W	AG W	CU W	Pb W	Zn W
105.6	124.0	(Cont.)														
		blebs, cut by fine calcite veins, trace of pyrite.	121.5	124.1	2.6	2308	Tr.	Tr.	0.01	Tr.	0.05					
124.0	129.0	Andesite displaced here, not altered, replaced by calcite with magnetite in radiating clusters of crystals and botryoidal shape, also sulphides, mostly pyrite with some chalcopryrite and pyrrhotite, increasing with depth as magnetite decreases.	124.1	126.5	2.4	2309	0.06	0.1	0.18	0.05	0.19					
			126.5	129.2	2.7	2310	0.14	0.5	0.47	--	--				<i>u/s</i>	
129.0	134.5	Pyrrhotite increases to about 80% at centre of this section with 3% chalcopryrite and traces of pyrite, no magnetite, trace of barite, also a light red mineral not identified present at end of this section, much calcite throughout.	129.2	132.0	2.8	2311	0.20	2.0	1.58	0.02	0.19	.56	5.60	4.42	.06 .53	
			132.0	134.7	2.7	2312	0.21	3.1	2.15	0.02	0.96	1.13	13.97	10.23	.11 3.12	
			129.2	134.7	5.5	Av	0.21	2.54	1.86	0.2	0.57				<i>\$ 30.00 only just identifiable</i>	
						2311										
						2312										
134.5	136.6	Andesite, little alteration, cut by calcite veins with sulphides, no mineralization in the andesite.	134.7	136.6	1.9	2313	0.01	0.1	0.03	0.05	0.05					
136.6	145.9	Mostly magnetite with heavy pyrrhotite in places, also traces of pyrite, chalcopryrite, calcite, galena, a light green soft mineral unidentified. Sharp contact with lower country rock.	136.6	138.6	2.0	2314	0.08	0.5	0.38	0.02	0.40					
			138.6	140.3	1.7	2315	0.12	0.1	0.37	2.39	0.64				<i>u/s</i>	
			140.3	141.7	1.4	2316	0.08	0.3	0.13	0.12	0.03					
			141.7	143.6	1.9	2317	0.13	0.3	0.22	Tr.	0.11					
			143.6	144.4	0.8	2318	0.07	0.2	0.23	Tr.	0.27					

DIAMOND DRILL RECORD

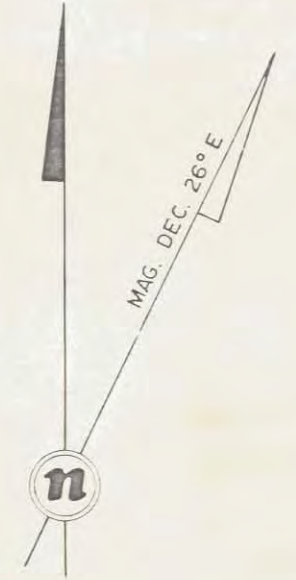
HOLE NO. 7

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FROM	TO	DESCRIPTION	CORE LENGTH				ASSAYS				ACCUMULATIVE AVERAGES			
			FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU		AU W	AG W	CU W	
201.4	213.0	Lithic tuff; cut by a few thin calcite veins; no mineralization.												
213.0	289.5	Fine-grained andesite; cut by a few thin calcite veins with traces of sulphides in some massive and unbroken; has a mottly appearance as a braccia with digested fragments; altered zone 6" at 260' with much calcite and 3% disseminated pyrite; 269-272' is coarser grained with plagioclase phenocrysts.												
		275.0-289.5 - many more thin calcite veins cutting core at various angles with traces of pyrite and chalcopryrite in some; disseminated pyrite and calcite increasing with depth.	287.0	289.5	2.5	2340	0.04	0.1	0.01					
289.5	291.0	Vein with calcite, pyrite, magnetite, chalcopryrite, that unidentified green mineral encountered in hole #6, some digested andesite.	289.5	291.0	1.5	2341	0.24	0.3	0.35			0.36	.04	0.52
			291.0	292.1	1.1	2342	0.13	0.3	0.12			0.50	.08	0.66
			292.1	294.5	2.4	2343	0.14	0.5	0.45			0.84	.20	1.74
			294.5	296.7	2.2	2344	0.21	0.9	0.71			1.30	.40	3.30
			289.5	296.7	7.2	Av.	0.18	0.6	0.46					
291.0	292.2	Fine-grained andesite cut by calcite veins.	296.7	301.5	4.8	2345	0.05	0.1	0.01					
			301.5	306.5	5.0	2346	0.03	0.2	Tr.					
			306.5	310.0	3.5	2347	0.05	0.1	Tr.					
292.2	296.9	Vein with calcite, pyrrhotite, pyrite, magnetite, chalcopryrite.	310.0	313.1	3.1	2348	0.03	0.1	Tr.					
			313.1	314.8	1.7	2349	0.16	0.2	0.08					

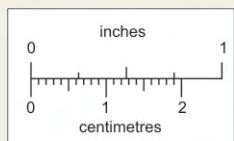
DIAMOND DRILL RECORD

DESCRIPTION		CORE LENGTH				ASSAYS				ACCUMULATIVE AVERAGES			
FROM	TO	FROM	TO	ACC WIDTH	SAMPLE NO.	AU OZ.	AG OZ.	% CU		AU W	AG W	CU W	
299.0	325.5												
		(Cont.) magnetite; highly altered with traces of epidote, no euhedral phenocrysts; 6" vein of fine-grained dark rock with calcite, pyrite at 311'.											
325.5	336.6												
		Lithic tuff; highly altered as above; cut by thin calcite veins; contains traces of disseminated pyrite.											
336.6	364.9												
		Plagioclase andesite; very large, euhedral plagioclase phenocrysts, otherwise altered as above; cut by thin calcite veins with some chloritic alteration, traces of sulphides in some; 1' vein with magnetite, calcite, pyrite, trace of chalcopryrite at 347.0'. Zone 355.4-358.3 with no phenocrysts, heavier alteration which decreases with depth.											
364.9	367.5												
		Lithic tuff; altered, cut by thin calcite veins with traces of pyrite.											
367.5	373.0												
		Plagioclase andesite; not heavily altered; cut by thin calcite veins; phenocrysts smaller than 336-365'; no mineralization.											



*Approx area
New grid*

*Informed claims
restated 69*



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.



CARIBOO MINELANDS LTD		
QUESNEL PROPERTY CLAIMS MAP		
ALRAE ENGINEERING LTD. GEOLOGISTS AND ENGINEERS VANCOUVER, B. C.		
DESIGNED	SCALE: HOR	1" = 1500' Approx
DRAWN M P	VERT	