

DRILL HOLE REPORT

Project Number: **Royal Roads Corp**

Other

Logged by: M.Clough

Relog by:

Contractor: Springdale Forestry

Spotted by:

Surveyed: GPS

Surveyed by: Geologist

Comment:

Local Grid Coordinate

UTM Coordinate

East:	509560
North:	5407960
Elev.:	290.567
Zone: 21	NAD: NAD83

Deviation

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comm</i>
0.00	0.00	-90.00	C	☒	

LITHOLOGY REPORT

Project Number: **Royal Roads Corp**

<i>From</i>	<i>To</i>		<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>Zn</i>	<i>Pb</i>	<i>Cu</i>	<i>Ag</i>	<i>Au</i>
(m)	(m)							(%)	(%)	(%)	(g/t)	(g/t)
0.00	3.25	OB	Overburden	ob								
		Upper Contact:										
		Colour:										

LITHOLOGY REPORT

Hole Number	H-08-3407	Project:	LUNDBERG	Project Number:	Royal Roads Corp
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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
3.25	75.92	DAC <i>Dacite</i> br <i>Upper Contact:</i> Conformable Broken <i>Colour:</i> Dacite. Grey to orange colour. White to orange felsic xtals. 1-2mm. Locally badly broken. Unit highly siliceous (hard). Intermediate dyke between 19.04-22.53m. No mineralization present. Core loss between 15.8-16.66m. CLASTS and CRYSTS: White to orange felsic xtals. 1-2mm. Minor Interval: 19.04 22.53 DY <i>Dyke</i> Minor Interval: 54.45 56.70 DY <i>Dyke</i>									
75.92	118.33	DIA <i>Diabase</i> diab <i>Upper Contact:</i> Conformable Sharp <i>Colour:</i> Andesite. Dark grey. 15-20%. 1-4mm. dark black phenocrysts within vfg matrix. Upper contact sharp @ 70 degrees TCA. Moderate wispy qtz-carb/qtz-epidote? veining. 0.5-1.0cm throughout. No mineralization. CLASTS and CRYSTS: 1-4mm dark black phenos. <i>Alteration Maj:</i> <i>Type/Style/Intensity</i> <i>Comment</i> 75.92 - 118.33 Quartz-Carbonate Quartz-Carbonate Pervasive	87024	116.33	117.33	1.00	0.02	0.00	0.00	0.68	0.01
			87025	117.33	118.33	1.00	0.07	0.00	0.00	1.08	0.01

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Hole NumberH-08-3407

ProjectLUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology			Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
118.33	134.00	BX	Breccia	br/sh tran	87026	118.33	119.33	1.00	0.19	0.06	0.04	2.74	0.01
		Upper Contact:	Tectonic	Sharp	87027	119.33	120.33	1.00	0.01	0.02	0.01	2.05	0.01
		Colour:			87028	120.33	121.33	1.00	0.26	0.02	0.02	2.40	0.02
		Buchans River/Ski Hill transition zone			87029	121.33	122.33	1.00	0.03	0.00	0.00	1.37	0.01
		CLASTS and CRYSTS: Angular intermediate fragments. 2-8cm. Fragments display apple green chlorite/pyrite filled amygdules.			87031	122.33	123.33	1.00	0.02	0.00	0.00	1.08	0.01
					87032	123.33	124.33	1.00	0.01	0.00	0.00	1.08	0.01
					87033	124.33	125.33	1.00	0.05	0.11	0.01	0.34	0.01
		Structure Maj.:	Type/Angle to Core Axis	Comment	87034	125.33	126.18	0.85	0.01	0.00	0.00	2.40	0.01
		118.33 - 134.36	Shear		87035	126.18	127.18	1.00	0.05	0.04	0.01	15.10	0.20
					87036	127.18	128.18	1.00	0.12	0.09	0.11	13.70	0.14
					87037	128.18	129.48	1.30	0.14	0.05	0.87	5.14	0.03
					87038	129.48	130.48	1.00	0.39	0.08	0.76	10.60	0.02
					87039	130.48	131.48	1.00	7.50	0.49	0.76	22.30	0.07
					87041	131.48	132.48	1.00	3.90	0.72	0.63	15.10	0.07
					87042	132.48	133.48	1.00	0.11	0.04	0.01	3.77	0.03
					87043	133.48	134.36	0.88	0.11	0.06	0.01	5.48	0.11
		Minor Interval:											
		126.18	129.48	QV									
		Mineralization Min:	Type/Style/%Mineral	Comment									
		126.18 - 129.48	COPPER										
			LEAD										
			ZINC										
			Fracture Filling	PYRITE 1									

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Hole NumberH-08-3407

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From (m)	To (m)	Lithology		Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	
		Minor Interval:											
	129.48	134.36	VBX	Volcanic Breccia									
	Alteration Min:		Type/Style/Intensity	Comment									
	129.48 - 134.36		Chlorite	Pervasive									
	129.48 - 134.36		Chlorite	Pervasive									
	Mineralization Min:		Type/Style/%Mineral	Comment									
	129.48 - 134.36		Fracture Filling	COPPER	0.01								
			Fracture Filling	LEAD	0.01								
			Fracture Filling	ZINC	0.01								
			Fracture Filling	PYRITE	3								
134.00	230.00	BX	Breccia	sh	87044	133.36	135.26	1.90	0.72	0.51	0.03	3.77	0.04
	Upper Contact:												
	Colour:												
	Buchans River/Ski Hill transition zoneVolcanic breccia. Beige to grey with qtzcarb stockwork. Angular altered/bleached intermediate fragments. 2-8cm. Fragments display apple green chlorite/pyrite filled amygdules. 1-3mm. Upper contact sharp. tectonic. with shearing and gouging from 118.33-134.00m. Localized chlorite/serecite alteration. dark black. between 129.48-134.36m. Qtzcarb vein between 126.18-129.48m. Qtzcarb stockwork mineralization begins @ 134.36m. with minor mineralization associated with chlorite/serecite alteration zone. Stockwork mineralization mostly developed from 134.36 to 167.00m. Stockwork mineralization continues to 215m after which it dissapears downhole. Overall 1-2% sphalerite. 1% galena and trace chalcopyrite with locally higher amounts of sphalerite and galena within developed zone.				87045	135.26	136.00	0.74	1.81	1.13	0.24	4.11	0.04
					87046	136.00	137.00	1.00	2.02	0.90	0.05	4.79	0.07
					87047	137.00	138.00	1.00	2.50	1.36	0.13	4.45	0.06
					87048	138.00	139.00	1.00	2.90	1.08	0.21	7.19	0.10
					87049	139.00	140.00	1.00	6.80	4.00	0.13	14.00	0.11
					87051	140.00	141.00	1.00	9.80	2.14	0.43	15.10	0.16
					87052	141.00	142.00	1.00	10.00	3.50	0.32	17.10	0.19
					87053	142.00	143.00	1.00	5.30	1.57	0.19	9.59	0.15
					87054	143.00	144.00	1.00	5.40	2.40	0.21	16.10	0.11
					87055	144.00	145.00	1.00	2.50	1.07	0.13	13.00	0.06
	Mineralization Maj. :		Type/Style/%Mineral	Comment									
	118.33 - 230.00		0.01% Blebby Chalcopyrite										
			1% Stringers Galena										
			2% Stringers Sphalerite										
			5% Stringers Pyrite										
					87056	145.00	146.00	1.00	2.60	1.02	0.26	24.70	0.07
					87057	146.00	147.00	1.00	8.60	2.90	0.30	17.50	0.08
					87058	147.00	148.00	1.00	9.20	3.10	0.40	16.10	0.09
					87059	148.00	149.00	1.00	6.40	3.70	0.34	14.40	0.06
					87061	149.00	150.00	1.00	4.10	1.09	0.25	7.88	0.06
					87062	150.00	151.00	1.00	5.40	2.24	0.38	7.53	0.04
					87063	151.00	152.00	1.00	3.70	1.06	0.55	4.45	0.03

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			87064	152.00	153.00	1.00	3.80	1.51	0.17	5.14	0.04
			87065	153.00	154.00	1.00	2.30	0.99	0.10	4.79	0.04
			87066	154.00	155.00	1.00	3.00	1.21	0.17	7.19	0.05
			87067	155.00	156.00	1.00	3.60	0.89	0.15	9.25	0.04
			87068	156.00	157.00	1.00	4.00	1.55	0.22	12.30	0.05
			87069	157.00	158.00	1.00	3.70	1.56	0.17	6.51	0.02
			87071	158.00	159.00	1.00	5.40	1.58	0.29	15.80	0.03
			87072	159.00	160.00	1.00	4.10	1.08	0.17	9.25	0.05
			87073	160.00	161.00	1.00	4.30	1.08	0.16	6.16	0.07
			87074	161.00	162.00	1.00	3.70	0.97	0.16	7.19	0.06
			87075	162.00	163.00	1.00	1.21	0.52	0.06	4.45	0.12
			87076	163.00	164.00	1.00	0.59	0.10	0.01	3.08	0.08
			87077	164.00	165.00	1.00	0.79	0.09	0.01	3.77	0.05
			87078	165.00	166.00	1.00	0.13	0.08	0.01	3.77	0.04
			87079	166.00	167.00	1.00	0.33	0.25	0.01	4.79	0.05
			87081	167.00	168.00	1.00	1.11	0.50	0.02	3.42	0.06
			87082	168.00	169.00	1.00	0.26	0.11	0.01	2.40	0.03
			87083	169.00	170.00	1.00	0.27	0.21	0.01	2.40	0.02
			87084	170.00	171.00	1.00	0.89	0.64	0.04	3.42	0.06
			87085	171.00	172.00	1.00	1.02	0.57	0.05	4.79	0.04
			87086	172.00	173.00	1.00	0.75	0.35	0.05	2.74	0.08
			87087	173.00	174.00	1.00	1.13	0.70	0.07	2.40	0.06
			87088	174.00	175.00	1.00	0.61	0.24	0.03	2.74	0.04
			87089	175.00	176.00	1.00	0.17	0.07	0.00	2.40	0.01
			87091	176.00	177.00	1.00	0.20	0.06	0.01	2.05	0.02
			87092	177.00	178.00	1.00	1.14	0.52	0.03	2.74	0.03
			87093	178.00	179.00	1.00	0.15	0.08	0.00	2.40	0.03
			87094	179.00	180.00	1.00	1.27	0.71	0.03	3.77	0.03
			87095	180.00	181.00	1.00	5.60	2.50	0.61	7.19	0.03
			87096	181.00	182.00	1.00	0.91	0.19	0.06	5.82	0.02

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			87097	182.00	183.00	1.00	1.65	0.59	0.15	5.82	0.03
			87098	183.00	184.00	1.00	0.47	0.06	0.09	2.40	0.04
			87099	184.00	185.00	1.00	1.46	0.76	0.07	3.42	0.03
			87101	185.00	186.00	1.00	0.96	0.47	0.07	2.05	0.03
			87102	186.00	187.00	1.00	0.82	0.34	0.03	2.05	0.01
			87103	187.00	188.00	1.00	0.31	0.09	0.01	2.05	0.01
			87104	188.00	189.00	1.00	1.57	0.76	0.06	3.42	0.06
			87105	189.00	190.00	1.00	0.13	0.05	0.02	3.42	0.03
			87106	190.00	191.00	1.00	2.00	0.81	0.18	5.48	0.03
			87107	191.00	192.00	1.00	0.26	0.15	0.02	4.11	0.04
			87108	192.00	193.00	1.00	0.72	0.32	0.08	2.05	0.03
			87109	193.00	194.00	1.00	0.41	0.03	0.03	1.08	0.02
			87111	194.00	195.00	1.00	1.10	0.96	0.10	5.14	0.03
			87112	195.00	196.00	1.00	0.73	0.24	0.07	6.16	0.04
			87113	196.00	197.00	1.00	0.43	0.13	0.01	2.05	0.02
			87114	197.00	198.00	1.00	1.78	0.69	0.12	3.08	0.02
			87115	198.00	199.00	1.00	0.39	0.06	0.01	1.71	0.04
			87116	199.00	200.00	1.00	1.59	0.72	0.07	3.08	0.03
			87117	200.00	201.00	1.00	0.12	0.08	0.00	1.71	0.03
			87118	201.00	202.00	1.00	0.67	0.41	0.03	2.40	0.02
			87119	202.00	203.00	1.00	0.75	0.29	0.03	2.05	0.03
			87121	203.00	204.00	1.00	0.59	0.19	0.04	1.37	0.02
			87122	204.00	205.00	1.00	0.59	0.30	0.20	4.45	0.01
			87123	205.00	206.00	1.00	3.40	0.25	0.25	3.08	0.02
			87124	206.00	207.00	1.00	2.17	0.45	0.06	3.08	0.04
			87125	207.00	208.00	1.00	0.47	0.05	0.15	2.74	0.02
			87126	208.00	209.00	1.00	0.61	0.20	0.07	2.74	0.01
			87127	209.00	210.00	1.00	0.07	0.01	0.01	7.88	0.10
			87128	210.00	211.00	1.00	0.84	0.62	0.08	4.45	0.02
			87129	211.00	212.00	1.00	0.71	0.43	0.14	4.79	0.02

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From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			87131	212.00	213.00	1.00	4.40	0.96	0.17	6.51	0.02
			87132	213.00	214.00	1.00	0.19	0.15	0.01	2.40	0.02
			87133	214.00	215.00	1.00	0.45	0.12	0.02	2.05	0.01
			87134	215.00	216.00	1.00	0.19	0.06	0.02	1.37	0.01
			87135	216.00	217.00	1.00	1.04	0.30	0.13	1.71	0.01
			87136	217.00	218.00	1.00	0.04	0.02	0.00	0.34	0.01
			87137	218.00	219.00	1.00	0.40	0.22	0.09	2.40	0.01
			87138	219.00	220.00	1.00	0.04	0.03	0.03	0.34	0.01

EOH