

DRILL HOLE REPORT

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	☒	
50.00	309.00	-89.10	F	☒	
101.00	243.70	-89.10	F	☒	
152.00	247.10	-88.70	F	☒	
200.00	256.40	-89.20	F	☒	

LITHOLOGY REPORT

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
0.00	1.27	OB Overburden Upper Contact: Colour:	ob								

LITHOLOGY REPORT

Hole Number	H-08-3356	Project:	LUNDBERG	Project Number:	Royal Roads Corp
-------------	-----------	----------	----------	-----------------	------------------

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
1.27	47.14	BX Breccia sh	69251	1.27	2.00	0.73	0.48	0.35	1.03	16.80	0.09
		Upper Contact:	69252	2.00	2.50	0.50	0.96	0.72	0.94	12.00	0.14
		Colour: Grey White	69253	2.50	3.00	0.50	2.18	1.31	1.47	15.80	0.13
		Mineralized Intermediate Breccia: Grey/white to yellow brown. fragmental. locally semi-massive. local bedding and fol'n; 5-50%. 0.5-30 cm angular to subangular intermediate fragments that increase in abundance and size with depth; clasts dominantly consist of grey chaotic coarse barite and sulphides to 24.30 m then dominantly aphanitic pink rhy clasts to the end of the unit; sulphides manifested as semi-massive brx matrix and as qtz-brx matix infill /veining with coarse py-cpy-gal-bar; local patchy black chl with sulphides; overall. 3-4% gal. 1% cpy. 5% py. 4% bar.tr sph; @5.75-14.14 m. local SMS as brx mtrx with	69254	3.00	3.80	0.80	1.85	0.85	0.73	13.00	0.09
		CLASTS and CRYSTS: 5-50%. 0.5-30 cm angular to subangular felsic fragments. rare sulphide clasts	69255	3.80	5.00	1.20	4.10	2.43	0.38	8.56	0.09
		Alteration Maj: Type/Style/Intensity Comment	69256	5.00	5.75	0.75	4.10	1.72	0.61	17.50	0.15
		1.27 - 47.14 Silicification	69257	5.75	6.25	0.50	4.00	0.48	0.98	57.20	0.99
			69258	6.25	6.75	0.50	5.30	0.53	1.20	44.20	0.77
			69259	6.75	7.25	0.50	8.50	1.14	1.10	50.00	0.55
			69261	7.25	7.75	0.50	7.50	0.54	0.98	51.00	0.90
			69262	7.75	8.25	0.50	3.80	0.58	1.15	44.90	0.87
			69263	8.25	8.75	0.50	7.20	2.50	0.83	28.10	0.41
		Mineralization Maj. : Type/Style/%Mineral Comment	69264	8.75	9.25	0.50	7.30	1.90	0.89	44.50	0.54
		1.27 - 47.14 1% Chalcopyrite	69265	9.25	9.75	0.50	6.80	1.87	0.69	28.80	0.31
		4% Galena	69266	9.75	10.25	0.50	6.60	2.80	0.70	23.60	0.30
		0.01% Blebby Sphalerite	69267	10.25	10.75	0.50	8.40	1.96	1.38	43.50	0.47
		5% Pyrite	69268	10.75	11.25	0.50	15.00	1.93	1.85	47.30	0.41
		Structure Maj.: Type/Angle to Core Axis Comment	69269	11.25	11.75	0.50	16.20	1.94	2.41	40.80	0.28
		3.80 - 4.85 Fault 90 cm lost core_ gouge	69271	11.75	12.25	0.50	12.30	1.84	2.60	45.90	0.28
			69272	12.25	12.75	0.50	9.30	2.06	4.00	44.90	0.20
			69273	12.75	13.25	0.50	11.10	1.19	2.70	36.00	0.16
			69274	13.25	13.75	0.50	11.70	1.51	3.20	38.70	0.17
			69275	13.75	14.14	0.39	4.90	0.82	3.00	31.50	0.20
			69276	14.14	14.75	0.61	5.30	2.03	0.23	11.00	0.12

LITHOLOGY REPORT

Hole NumberH-08-3356

Project:LUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			69277	14.75	15.25	0.50	4.30	1.67	0.14	5.48	0.11
			69278	15.25	15.75	0.50	5.10	2.45	0.21	8.90	0.19
			69279	15.75	16.25	0.50	6.30	2.48	0.17	7.88	0.11
			69281	16.25	16.75	0.50	4.70	1.85	0.18	7.53	0.09
			69282	16.75	17.25	0.50	4.40	2.23	0.19	14.00	0.15
			69283	17.25	17.75	0.50	3.30	1.49	0.14	18.80	0.18
			69284	17.75	18.25	0.50	4.00	1.59	0.16	18.50	0.18
			69285	18.25	18.75	0.50	4.20	2.33	0.20	26.70	0.32
			69286	18.75	19.25	0.50	2.70	1.39	0.11	10.60	0.13
			69287	19.25	19.75	0.50	4.70	1.96	0.20	20.90	0.20
			69288	19.75	20.25	0.50	5.20	1.69	0.27	31.20	0.21
			69289	20.25	20.75	0.50	4.80	2.02	0.18	41.10	0.20
			69291	20.75	21.25	0.50	5.10	2.10	0.21	68.50	0.13
			69292	21.25	21.75	0.50	5.70	2.70	0.20	26.00	0.15
			69293	21.75	22.35	0.60	2.90	1.12	0.23	28.10	0.10
			69294	22.35	22.85	0.50	5.10	2.24	0.26	24.00	0.15
			69295	22.85	23.35	0.50	5.20	1.67	0.21	29.80	0.23
			69296	23.35	23.85	0.50	4.80	1.73	0.18	37.70	0.23
			69297	23.85	24.35	0.50	7.20	1.76	0.31	30.50	0.19
			69298	24.35	24.85	0.50	7.00	2.54	0.28	40.10	0.39
			69299	24.85	25.35	0.50	5.20	1.77	0.19	36.30	0.26
			69301	25.35	26.00	0.65	10.60	5.70	0.40	32.90	0.24
			69302	26.00	26.50	0.50	12.80	7.70	0.51	25.70	0.15
			69303	26.50	27.00	0.50	8.50	4.50	0.41	15.40	0.15
			69304	27.00	27.50	0.50	4.70	1.59	0.99	14.00	0.08
			69305	27.50	28.00	0.50	7.40	1.71	1.11	11.60	0.10
			69306	28.00	28.50	0.50	12.20	5.30	1.94	13.70	0.11
			69307	28.50	29.00	0.50	4.60	0.50	2.50	11.00	0.05
			69308	29.00	29.50	0.50	12.60	2.60	0.56	12.00	0.16
			69309	29.50	30.00	0.50	4.00	1.51	0.14	7.19	0.09

LITHOLOGY REPORT

Hole NumberH-08-3356

Project:LUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			69311	30.00	30.50	0.50	4.00	1.09	1.00	9.93	0.12
			69312	30.50	31.00	0.50	7.40	2.80	0.46	6.51	0.03
			69313	31.00	31.50	0.50	2.31	1.13	0.21	4.79	0.03
			69314	31.50	32.00	0.50	5.70	2.70	0.39	4.79	0.04
			69315	32.00	32.50	0.50	5.40	2.80	0.56	7.19	0.04
			69316	32.50	33.00	0.50	3.10	0.99	0.63	6.16	0.02
			69317	33.00	33.50	0.50	1.91	0.67	1.25	6.51	0.07
			69318	33.50	34.00	0.50	1.38	0.67	0.64	6.85	0.05
			69319	34.00	34.50	0.50	3.30	1.49	1.21	10.30	0.04
			69321	34.50	35.00	0.50	1.22	0.20	0.25	4.45	0.02
			69322	35.00	35.50	0.50	1.37	0.24	0.19	3.08	0.02
			69323	35.50	36.00	0.50	1.47	0.66	0.82	5.14	0.03
			69324	36.00	36.50	0.50	1.01	0.62	0.49	6.16	0.03
			69325	36.50	37.00	0.50	2.60	1.00	0.48	5.48	0.03
			69326	37.00	37.50	0.50	0.91	0.32	0.22	3.42	0.02
			69327	37.50	38.00	0.50	1.42	0.49	0.23	4.45	0.02
			69328	38.00	38.50	0.50	1.49	0.53	0.56	7.88	0.02
			69329	38.50	39.00	0.50	1.22	0.35	0.22	4.79	0.01
			69331	39.00	39.50	0.50	1.50	0.66	0.33	5.48	0.01
			69332	39.50	40.00	0.50	1.40	0.85	0.60	13.00	0.01
			69333	40.00	40.50	0.50	1.99	0.79	0.54	9.93	0.02
			69334	40.50	41.00	0.50	3.80	1.45	0.44	8.22	0.09
			69335	41.00	41.50	0.50	3.50	1.71	0.31	11.30	0.03
			69336	41.50	42.00	0.50	1.01	0.26	0.19	4.11	0.01
			69337	42.00	42.50	0.50	1.59	0.70	0.27	8.56	0.03
			69338	42.50	43.00	0.50	1.52	0.91	0.49	6.51	0.02
			69339	43.00	43.50	0.50	2.35	1.05	0.34	16.10	0.03
			69341	43.50	44.00	0.50	2.30	1.45	0.40	9.59	0.03
			69342	44.00	44.50	0.50	2.20	0.44	0.29	3.77	0.01
			69343	44.50	45.00	0.50	1.46	0.90	0.22	4.45	0.05

LITHOLOGY REPORT

Hole Number	H-08-3356	Project:	LUNDBERG	Project Number:	Royal Roads Corp
-------------	-----------	----------	----------	-----------------	------------------

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			69344	45.00	45.50	0.50	3.80	2.04	0.39	6.51	0.03
			69345	45.50	46.00	0.50	1.50	0.84	0.21	3.77	0.02
			69346	46.00	46.50	0.50	0.29	0.13	0.06	2.40	0.02
			69347	46.50	47.14	0.64	0.60	0.10	0.16	2.74	0.04
47.14	98.85	RHY Rhyolite sh	69348	47.14	48.00	0.86	0.62	0.01	0.01	2.05	0.01
		Upper Contact: Conformable Sharp	69349	48.00	49.00	1.00	0.03	0.01	0.00	4.45	0.04
		Colour: Pink Grey	69351	49.00	50.00	1.00	0.02	0.01	0.02	1.37	0.01
		Rhyolite Flow: Light pinkish green-grey. massive. aphanitic. commonly flow-banded. locally badly broken; scattered 10-100 cm silicified rhyolite brx horizons (flow-top/hyaloclastite); scattered clusters of silica-filled amygdules; ubiquitous hairline fracturing (subvertical) healed with chlorite; mnzn manifested as disseminations in fracturing and disseminations in scattered 1-2 cm blebs consisting of py (1%) and tr gal; upper ct is sharp but irregular and lower ct is faulted; @54.85-55.30 m is an alt'd mafic dyke at 20 tca	69352	50.00	51.00	1.00	0.00	0.00	0.00	2.40	0.01
		CLASTS and CRYSTS: <1% scattered ghosted feldspar xtals (0.5-1 mm). clusters of 0.5 -1 cm silica-filled amygdules	69353	51.00	52.00	1.00	0.00	0.00	0.00	1.08	0.01
			69354	52.00	53.00	1.00	0.01	0.00	0.00	0.34	0.02
			69355	53.00	54.00	1.00	0.01	0.00	0.00	0.34	0.02
			69356	54.00	54.85	0.85	0.03	0.00	0.00	1.71	0.03
		Alteration Maj: Type/Style/Intensity Comment	69357	54.85	56.00	1.15	0.05	0.00	0.00	2.05	0.04
		47.14 - 98.85 Silicification	69358	56.00	57.00	1.00	0.15	0.00	0.00	1.37	0.04
			69359	57.00	58.00	1.00	0.12	0.01	0.00	0.34	0.01
			69361	58.00	59.00	1.00	0.25	0.04	0.01	1.37	0.01
		Mineralization Maj. : Type/Style/%Mineral Comment	69362	59.00	60.00	1.00	0.03	0.02	0.00	1.08	0.01
		47.14 - 98.85 Chalcopyrite	69363	60.00	61.00	1.00	0.10	0.04	0.00	0.01	0.01
		0.01% Fracture Filling Galena	69364	61.00	62.00	1.00	0.52	0.17	0.01	0.68	0.01
		Sphalerite	69365	62.00	63.00	1.00	0.11	0.07	0.00	1.37	0.01
		1% Fracture Filling Pyrite	69366	63.00	64.00	1.00	0.22	0.02	0.01	0.34	0.01
		Structure Maj.: Type/Angle to Core Axis Comment	69367	64.00	65.00	1.00	0.01	0.00	0.00	0.68	0.01
		60.62 - 60.90 Fault 50 broken with gouge	69368	65.00	66.00	1.00	0.06	0.02	0.00	0.68	0.01
		80.60 - 84.10 Fault 50 BB with gouge	69369	66.00	67.00	1.00	0.09	0.05	0.00	1.37	0.01
		92.60 - 92.85 Fault 50 gouge and broken	69371	67.00	68.00	1.00	0.06	0.04	0.00	0.01	0.01
			69372	68.00	69.00	1.00	0.06	0.04	0.01	0.01	0.01
			69373	69.00	70.00	1.00	0.04	0.03	0.00	0.01	0.01
			69374	70.00	71.00	1.00	0.08	0.04	0.01	0.68	0.01

LITHOLOGY REPORT

Hole NumberH-08-3356

Project:LUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
			69375	71.00	72.00	1.00	0.03	0.04	0.00	1.08	0.01
			69376	72.00	73.00	1.00	0.02	0.02	0.00	1.08	0.01
			69377	73.00	74.00	1.00	0.16	0.03	0.01	2.05	0.01
			69378	74.00	75.00	1.00	0.05	0.01	0.00	0.68	0.01
			69379	75.00	76.00	1.00	0.09	0.00	0.00	1.37	0.01
			69381	76.00	77.00	1.00	0.34	0.04	0.01	0.34	0.01
			69382	77.00	78.00	1.00	0.04	0.02	0.00	0.01	0.01
			69383	78.00	79.00	1.00	0.35	0.16	0.02	0.68	0.01
			69384	79.00	80.00	1.00	0.17	0.05	0.01	1.08	0.01
			69385	80.00	81.00	1.00	0.10	0.02	0.00	0.68	0.01
			69386	81.00	82.00	1.00	0.25	0.03	0.01	0.01	0.01
			69387	82.00	83.00	1.00	0.18	0.03	0.01	0.68	0.01
			69388	83.00	84.00	1.00	0.33	0.15	0.01	2.40	0.01
			69389	84.00	85.00	1.00	0.19	0.02	0.01	1.08	0.01
			69391	85.00	86.00	1.00	0.24	0.05	0.01	1.71	0.01
			69392	86.00	87.00	1.00	0.16	0.03	0.01	0.34	0.01
			69393	87.00	88.00	1.00	0.09	0.02	0.00	0.68	0.01
			69394	88.00	89.00	1.00	0.14	0.01	0.01	0.34	0.01
			69395	89.00	90.00	1.00	0.08	0.01	0.00	0.68	0.01
			69396	90.00	91.00	1.00	0.03	0.01	0.00	0.68	0.01
			69397	91.00	92.00	1.00	0.77	0.03	0.04	0.68	0.01
			69398	92.00	93.00	1.00	0.13	0.01	0.00	0.34	0.01
			69399	93.00	94.00	1.00	0.12	0.00	0.00	0.34	0.01
			69401	94.00	95.00	1.00	0.21	0.00	0.01	2.05	0.01
			69402	95.00	96.00	1.00	0.13	0.00	0.01	0.34	0.01
			69403	96.00	97.00	1.00	0.49	0.01	0.01	1.37	0.01
			69404	97.00	98.00	1.00	0.08	0.03	0.00	1.71	0.01
			69405	98.00	98.85	0.85	0.28	0.04	0.01	2.40	0.01

LITHOLOGY REPORT

Hole NumberH-08-3356

ProjectLUNDBERG

Project NumberRoyal Roads Corp

From (m)	To (m)	Lithology			Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)	
98.85	118.50	PY	Pyroclastic Breccia		sh	69406	98.85	100.00	1.15	0.06	0.01	0.00	1.08	0.01
		Upper Contact:	Tectonic	Shear		69407	100.00	101.00	1.00	0.53	0.05	0.01	2.05	0.01
		Colour:	Green-grey	Pink		69408	101.00	102.00	1.00	0.12	0.02	0.00	2.40	0.01
		Pyroclastic Breccia: Light pinkish green-grey. fragmental. tuffaceous interbeds. moderately siliceous; 20-60% 0.2-20 cm angular and jagged rhyolite/felsic fragments that are locally densely packed (interlocking); 20% of clasts are chloritized (mafic?) and dusted with fine py. fragments have silicified rims and matrix; local tuffaceous interbeds (50 tca); 3% py dissem in frags and and fracturing; locally BB and faulted; clasts have not been transported far; @109-115.15 m. bedded tuff				69409	102.00	103.00	1.00	0.08	0.00	0.00	1.37	0.01
						69411	103.00	104.00	1.00	0.11	0.02	0.00	2.05	0.01
						69412	104.00	105.00	1.00	0.03	0.02	0.00	2.40	0.01
						69413	105.00	106.00	1.00	0.12	0.03	0.00	1.37	0.01
						69414	106.00	107.00	1.00	0.12	0.00	0.00	1.37	0.01
		Alteration Maj:	Type/Style/Intensity	Comment		69415	107.00	108.25	1.25	0.20	0.05	0.00	2.74	0.01
		98.85 - 118.50	Silicification	Local		69416	108.25	110.00	1.75	0.05	0.04	0.00	4.45	0.01
			Silicification			69417	110.00	111.00	1.00	0.01	0.00	0.00	1.37	0.01
			Strong			69418	111.00	112.00	1.00	0.01	0.00	0.00	1.08	0.01
		Mineralization Maj. :	Type/Style/%Mineral	Comment		69419	112.00	113.00	1.00	0.15	0.09	0.00	2.05	0.01
		98.85 - 118.50	Chalcopyrite			69421	113.00	114.00	1.00	0.15	0.01	0.00	0.01	0.01
			Galena			69422	114.00	115.00	1.00	0.82	0.01	0.01	0.01	0.01
			Sphalerite			69423	115.00	116.00	1.00	0.14	0.00	0.00	0.01	0.01
			3% Disseminated Pyrite			69424	116.00	117.00	1.00	0.12	0.00	0.00	0.01	0.01
		Structure Maj.:	Type/Angle to Core Axis	Comment		69425	117.00	117.75	0.75	0.02	0.00	0.00	0.01	0.01
		98.85 - 99.30	Fault 55	gouge and broken		69426	117.75	118.50	0.75	0.40	0.01	0.01	0.01	0.01
		105.95 - 106.00	Gouge 30											
118.50	153.35	PY	Pyroclastic Breccia		sh	69427	118.50	119.50	1.00	0.20	0.00	0.01	0.34	0.01
		Upper Contact:	Conformable	Gradational		69428	119.50	120.50	1.00	0.13	0.00	0.01	0.01	0.01
		Colour:	Green-grey	Dark-green		69429	120.50	121.50	1.00	0.93	0.02	0.05	0.01	0.01
		Heterolithic Pyroclastic Breccia: Light to dark greenish-grey. clastic. tuffaceous interbeds; 50% fragments; 70% of frags are subang to angular. 0.2-10 cm dark-light green mafic to int and are aphanitic and often dusted with py; remainder of fragments are pink rhyolites; matrix comprises rock fragments healed by silica and wk pervasive chl-hue; proportion of rhyolite frags increases with depth; gradational tuffaceous interbed from 123.10-125.00 m (30 tca); 2% py (with tr cpy) as dusted frags and in fractures; local broken core and faulting; gradational ct				69431	121.50	122.50	1.00	0.30	0.01	0.02	1.37	0.01
						69432	122.50	123.50	1.00	0.07	0.00	0.00	0.01	0.01
						69433	123.50	124.50	1.00	0.07	0.00	0.00	1.08	0.01
						69434	124.50	125.50	1.00	0.04	0.00	0.00	0.68	0.01
						69435	125.50	126.85	1.35	0.04	0.00	0.00	0.68	0.01
		Alteration Maj:	Type/Style/Intensity	Comment		69436	126.85	128.00	1.15	0.07	0.01	0.00	1.37	0.01

LITHOLOGY REPORT

Hole NumberH-08-3356

ProjectLUNDBERG

Project NumberRoyal Roads Corp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
	118.50 - 153.35	Silicification Weak	69437	128.00	129.00	1.00	0.46	0.05	0.01	1.37	0.01
		Silicification Weak	69438	129.00	130.00	1.00	0.61	0.01	0.04	1.08	0.01
Mineralization Maj. :	Type/Style/%Mineral	Comment	69439	130.00	131.00	1.00	0.53	0.01	0.02	0.01	0.01
118.50 - 153.35	Chalcopyrite		69441	131.00	132.00	1.00	0.73	0.01	0.03	0.68	0.01
	Galena		69442	132.00	133.00	1.00	0.17	0.01	0.01	0.68	0.01
	Sphalerite		69443	133.00	134.00	1.00	0.21	0.00	0.01	1.71	0.01
	2% Disseminated Pyrite		69444	134.00	135.00	1.00	0.02	0.00	0.00	1.37	0.01
Structure Maj.:	Type/Angle to Core Axis	Comment	69445	135.00	136.00	1.00	0.06	0.00	0.00	0.34	0.01
126.85 - 128.85	Fault	BB_ gouge	69446	136.00	137.00	1.00	0.26	0.01	0.01	0.68	0.01
134.40 - 146.00	Fault 35	badly broken zones_ gouge and blocks	69447	137.00	138.00	1.00	0.08	0.00	0.00	0.34	0.01
142.85 - 143.00	Gouge 35		69448	138.00	139.00	1.00	0.40	0.01	0.01	1.08	0.01
			69449	139.00	140.00	1.00	0.57	0.01	0.03	1.08	0.01
			69451	140.00	141.00	1.00	0.37	0.01	0.01	1.37	0.01
			69452	141.00	142.00	1.00	1.04	0.01	0.05	1.37	0.01
			69453	142.00	143.00	1.00	0.49	0.01	0.02	0.68	0.01
			69454	143.00	144.00	1.00	0.04	0.00	0.00	0.34	0.01
			69455	144.00	145.00	1.00	0.02	0.00	0.00	0.68	0.01
			69456	145.00	146.00	1.00	0.02	0.00	0.11	0.34	0.01
			69457	146.00	147.00	1.00	0.29	0.02	0.02	1.71	0.01
			69458	147.00	148.00	1.00	1.45	0.44	0.03	3.42	0.01
			69459	148.00	149.00	1.00	0.35	0.01	0.01	0.68	0.01
			69461	149.00	150.00	1.00	0.51	0.01	0.01	0.34	0.01
			69462	150.00	151.00	1.00	0.32	0.01	0.01	0.01	0.01
			69463	151.00	152.00	1.00	0.15	0.00	0.01	0.01	0.01
			69464	152.00	153.00	1.00	0.11	0.00	0.01	0.01	0.01

LITHOLOGY REPORT

Hole NumberH-08-3356

ProjectLUNDBERG

Project NumberRoyal Roads Corp

From (m)	To (m)	Lithology			Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
153.35	179.35	BX	Breccia	sh	69465	153.00	154.00	1.00	0.32	0.08	0.01	0.01	0.01
		Upper Contact:	Conformable	Gradational	69466	154.00	155.00	1.00	0.14	0.08	0.01	0.01	0.01
		Colour:	Light-green	Pink	69467	155.00	156.00	1.00	0.29	0.21	0.01	1.08	0.01
		Altered Breccia: Irregular mottled patches of grey/light green and pink; 40-60% altered pink fragments 0.5-40 cm that are angular to subangular; matrix and frag rims have been silicified with a smokey grey silica. patchy banded sericite is mottled with the silica to give a swirled texture; fluids may have bled off the upper fault; tr gal as scattered dissem/ blebs and in qtz-py-sph(tr) strngrs; @172.30 m. irreg 0.5 cm gal-sph strngr at 25 tca			69468	156.00	157.00	1.00	0.14	0.10	0.01	1.37	0.01
					69469	157.00	158.00	1.00	0.48	0.29	0.01	1.71	0.01
					69471	158.00	159.00	1.00	0.20	0.12	0.02	1.37	0.01
					69472	159.00	160.00	1.00	0.29	0.08	0.01	1.71	0.01
					69473	160.00	161.00	1.00	0.30	0.17	0.01	4.11	0.01
		Alteration Maj:	Type/Style/Intensity	Comment	69474	161.00	162.00	1.00	0.04	0.02	0.01	1.08	0.01
		153.35 - 179.35	Sericite	Strong	69475	162.00	163.00	1.00	0.21	0.10	0.01	1.08	0.01
			Sericite	Moderate	69476	163.00	164.00	1.00	0.21	0.14	0.01	1.71	0.01
		Mineralization Maj. :	Type/Style/%Mineral	Comment	69477	164.00	165.00	1.00	0.90	0.31	0.01	3.08	0.03
		153.35 - 179.35	Chalcopyrite		69478	165.00	166.00	1.00	0.06	0.01	0.00	1.08	0.01
			0.01% Galena		69479	166.00	167.00	1.00	0.03	0.02	0.00	0.68	0.01
			Sphalerite		69481	167.00	168.00	1.00	0.01	0.01	0.00	1.08	0.01
			1% Stringers	Pyrite	69482	168.00	169.00	1.00	0.05	0.02	0.00	0.01	0.01
		Structure Maj.:	Type/Angle to Core Axis	Comment	69483	169.00	170.00	1.00	0.17	0.09	0.00	1.08	0.01
		153.35 - 153.55	Fault	65 clay fault gouge	69484	170.00	171.00	1.00	0.51	0.20	0.05	3.42	0.04
		167.70 - 174.50	Fault	5 BB and gouge	69485	171.00	172.00	1.00	0.61	0.28	0.03	2.74	0.29
		179.15 - 179.35	Shear	40 sheared contact	69486	172.00	173.00	1.00	0.07	0.04	0.00	2.74	0.05
					69487	173.00	174.00	1.00	0.28	0.06	0.01	11.60	0.03
					69488	174.00	175.00	1.00	0.12	0.04	0.00	3.08	0.03
					69489	175.00	176.00	1.00	0.05	0.03	0.00	2.40	0.01
					69491	176.00	177.00	1.00	0.14	0.05	0.01	1.71	0.01
					69492	177.00	178.00	1.00	0.16	0.05	0.00	2.40	0.01
					69493	178.00	178.75	0.75	0.29	0.18	0.01	1.37	0.01
					69494	178.75	179.35	0.60	0.16	0.12	0.02	3.77	0.01

LITHOLOGY REPORT

Hole NumberH-08-3356

Project:LUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology			Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
179.35	204.96	BX	Breccia	sh	69495	179.35	181.00	1.65	0.02	0.01	0.01	0.01	0.01
		Upper Contact:	Tectonic	Shear	69496	181.00	182.00	1.00	0.01	0.00	0.01	1.08	0.01
		Colour:	Dark-green	Light-green									
		Volcanic Breccia: Dark to light green. 65%. 0.4-20 cm angular to subangular felsic/int frags that are often feldspar phyric and chloritized. lesser <5% vesicular basalt fragments; groundmass is comprised of smaller clast fragments pervasive chl-sil; unit has a sheared crenulated foliated fabric (50 tca) after 199.90 m to the end with boundined frags and local broken zones and 2% wispy py; qtz-carb in frac											
		CLASTS and CRYSTS: 65%. 0.4-20 cm chl altered pinkish green felsic fragments that are angular to subangular; <5% vesicular basalt fragments											
		Alteration Maj:	Type/Style/Intensity	Comment									
		179.35 - 207.40	Chlorite	Moderate									
			Chlorite	Pervasive									
		Mineralization Maj. :	Type/Style/%Mineral	Comment									
		179.35 - 207.40	Chalcopyrite										
			Galena										
			Sphalerite										
			0.01% Disseminated	Pyrite									
		Structure Maj.:	Type/Angle to Core Axis	Comment									
		200.00 - 204.96	Broken Core	Locally Badly Broken									
		200.00 - 204.96	Boudinage										
		200.00 - 204.96	Gouge										
		200.00 - 204.96	Shear	Potentially old buchans fault									
		203.90 - 204.65	Gouge	40									
		204.65 - 204.70	Gouge	55									
204.96	254.00	BSLT	Basalt	slb									
		Upper Contact:	Tectonic	Sharp									
		Colour:	Green	Red									
		Mafic Volcanic Breccia: Red-brown and green. strongly sheared and faulted; 25%. 1-10 cm subangular to subrounded carb-vesicular basalt fragments floating in a fine grained chl-matrix with localized med-gr sand tuffaceous interbeds at 65 tcasbrnd cpy-py frags; @14.14-25.4 m.chaotic crs bar xtals with 0.5-5% fine-grained gal-cpy; @25.4-27 m. sms as bands 20-40 tca.15% gal. lesser gal-cpy; @27-47.14 m. white qtz-cpy-gal-py brx infill and veining.											

LITHOLOGY REPORT

Hole NumberH-08-3356

Project:LUNDBERG

Project Number:Royal Roads Corp

From (m)	To (m)	Lithology	Sample #	From	To	Length	Zn (%)	Pb (%)	Cu (%)	Ag (g/t)	Au (g/t)
		CLASTS and CRYSTS: 25%. 1-10 cm subangular to subrounded red-grey carb-vesicular basalt frags									
		Alteration Maj:	Type/Style/Intensity	Comment							
		207.40 - 254.00	Chlorite Strong								
			Chlorite Pervasive								
		Structure Maj.:	Type/Angle to Core Axis	Comment							
		200.10 - 217.80	Shear 45	strong shearing_ mylonitic to 207_4; gouged-banded - broken -hematitic and gouged to end of shear; local reactivated fault							
		204.96 - 212.00	Broken Core	Local							
		204.96 - 212.00	Boudinage								
		204.96 - 212.00	Gouge								
		204.96 - 212.00	Shear	Possibly old Buchan's Fault							
		219.50 - 223.00	Fault 65	broken core and gouge							
		EOH									