SYNOPTIC LOG
FINLAYSON PROJECT

EXPATRIATE RESOURCES LTD.

Hole: LG96-04 Property: League

Easting:	Northing:	Elevation:	Depth:
406993	6822499	1486	192.02

Logged by: Greg Bell
Drilling Dates: June 20-23, 1996

Depth	Azimuth	Dip	Method
0	313	-59	Brunton
192.02		-67	acid

From (m)	To (m)	Interval (m)	Unit	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
0.00	3.05	3.05	CSDH	casing										
3.05	9.70	6.65	MSRH	broken core, massive rhyolite										
				-moderate rusting	3.05	4.42	1.37	N110736	86	11	16	170	<0.2	
					4.42	7.01	2.59	N110737	46	4	12	96	<0.2	
					7.01	7.92	0.91	N110738	81	1	28	16	0.6	
					7.92	9.70	1.78	N110739	22	2	14	66	0.2	
9.70	16.75	7.05	MSRH	broken and rusted massive rhyolite										
				-some rusting on FR	9.70	11.10	1.40	N110740	91	4	42	286	0.2	
					11.10	12.04	0.94	N110741	89	2	20	122	<0.2	
					12.04	13.41	1.37	N110742	100	3	22	106	<0.2	
					13.41	14.94	1.53	N110743	100	3	22	92	<0.2	
					14.94	16.75	1.81	N110744	97	2	70	152	0.2	
16.75	17.40	0.65	PHAD	sheared porphyritic andesite										
					16.75	17.40	0.65	N110745	92	5	42	78	0.2	
17.40	22.05	4.65	AXRH	altered rhyolite										
				-rust coating on FR	17.40	19.34	1.94	N110746	94	3	130	596	0.6	
					19.34	20.57	1.23	N110747	100	5	66	518	0.4	
					20.57	22.05	1.48	N110748	88	3	24	172	0.2	
22.05	27.15	5.10	AXRH	altered rhyolite										
					22.05	24.08	2.03	N110530	80	21	60	338	0.2	
					24.08	26.60	2.52	N110531	99	7	48	906	0.2	
					26.60	27.15	0.55	N110532	69	5	34	3250	0.2	
27.15	29.50	2.35	MSRH	rhyolite										
				-minor rusting on FR	27.15	28.65	1.50	N110533	98	7	166	5840	0.8	
				- trace SL	28.65	29.50	0.85	N110534	95	4	150	3310	0.6	
29.50	33.78	4.28	AXAD	altered and deformed andesite										
				-minor rusting on FR	29.50	30.18	0.68	N110535	95	5	60	1450	0.2	
				-trace PY	30.18	31.70	1.52	N110536	100	5	16	528	<0.2	
					31.70	33.22	1.52	N110537	99	5	10	298	<0.2	
					33.22	33.78	0.56	N110538	98	9	6	272	<0.2	

From (m)	To (m)	Interval (m)	Unit	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
33.78	39.32	5.54	MSAD	massive andesite										
				-trace PY	33.78	36.27	2.49	N110539	95	3	14	76	<0.2	
					36.27	37.80	1.53	N110749	100	3	34	108	<0.2	
					37.80	39.32	1.52	N110750	100	6	30	52	<0.2	
39.32	45.75	6.43	MSAD	massive andesite										
45.75	52.10	6.35	AXAD	altered(?) andesite										
				-trace sulphides in quartz lenses	45.75	46.63	0.88	N110578	88	6	28	142	<0.2	
					46.63	48.16	1.53	N110579	91	3	256	136	<0.2	
					48.16	49.68	1.52	N110580	97	5	24	102	<0.2	
					49.68	51.05	1.37	N110581	100	4	16	74	<0.2	
					51.05	52.10	1.05	N110582	100	4	16	52	<0.2	
52.10	54.80	2.70	GGST	MSRH and MSAD gouge										
					52.10	54.80	2.70	N110540	90	3	20	128	<0.2	
54.80	56.12	1.32	MSAD	massive andesite										
				-trace PY	54.80	56.12	1.32	N110583	93	4	20	62	<0.2	
56.12	59.40	3.28	MSRH	massive rhyolite										
				-trace PY	56.12	57.61	1.49	N110584	98	2	42	248	<0.2	
					57.61	59.40	1.79	N110585	97	1	16	82	<0.2	
59.40	62.00	2.60	AXRH	altered rhyolite										
				-trace PY, minor rusting	59.40	62.00	2.60	N110541	87	10	42	552	0.2	
62.00	65.90	3.90	MSRH	massive rhyolite										
				-minor rusting	62.00	63.75	1.75	N110586	100	1	54	138	<0.2	
					63.75	64.75	1.00	N110587	100	1	24	182	<0.2	
					64.75	65.90	1.15	N110588	97	2	26	238	<0.2	
65.90	70.65	4.75	AXAD	altered and deformed andesite										
					65.90	67.33	1.43	N110589	92	3	38	220	<0.2	
					67.33	68.67	1.34	N110590	100	3	28	42	<0.2	
					68.67	70.65	1.98	N110591	100	4	36	62	<0.2	
70.65	75.25	4.60	AXAD	altered and deformed andesite										
					70.65	71.64	0.99	N110592	99	3	62	40	<0.2	
					71.64	72.85	1.21	N110593	99	3	38	38	<0.2	
					72.85	74.03	1.18	N110594	100	4	26	54	<0.2	
					74.03	75.25	1.22	N110595	96	4	32	34	<0.2	

From (m)	To (m)	Interval (m)	Unit	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
75.25	77.88	2.63	SHST	massive andesite, fault zone										
					75.25	76.96	1.71	N110542	84	NS	NS	NS	NS	
					76.96	77.88	0.92	N110543	80	4	38	36	<0.2	
77.88	79.63	1.75	MSAD	massive andesite										
					77.88	79.63	1.75	N110596	100	3	26	24	<0.2	
79.63	82.00	2.37	MSAD	disrupted andesite										
					79.63	80.60	0.97	N110597	95	4	20	18	<0.2	
					80.60	82.00	1.40	N110598	85	4	36	36	<0.2	
82.00	105.92	23.92	AXAD	altered and deformed andesite										
				-elongate flecks of PY	82.00	83.52	1.52	N110544	100	3	26	62	<0.2	
					83.52	84.28	0.76	N110545	87	3	36	54	<0.2	
					84.28	85.80	1.52	N110546	95	4	28	24	<0.2	
					85.80	88.09	2.29	N110547	98	3	18	8	<0.2	
					88.09	89.61	1.52	N110548	100	4	38	78	<0.2	
					89.61	91.14	1.53	N110549	100	4	40	68	0.2	
					91.14	92.66	1.52	N110550	100	3	54	40	<0.2	
					92.66	95.10	2.44	N110601	98	3	20	22	<0.2	
					95.10	97.84	2.74	N110602	98	4	16	16	<0.2	
					97.84	100.28	2.44	N110603	100	4	14	18	<0.2	
					100.28	103.33	3.05	N110604	100	3	14	22	<0.2	
					103.33	105.92	2.59	N110605	100	3	12	8	<0.2	
105.92	112.50	6.58	AXAD	deformed andesite/fault										
				-minor rust on FR	105.92	107.14	1.22	N110606	95	10	38	50	0.6	
					107.14	109.88	2.74	N110620	80	5	10	10	<0.2	
					109.88	111.31	1.43	N110599	90	4	10	6	<0.2	
					111.31	112.50	1.19	N110600	100	12	28	8	0.2	
112.50	116.80	4.30	MSAD	massive andesite										
				-PY in quartz veinlets	112.50	115.52	3.02	N110607	98	37	16	24	<0.2	
					115.52	116.80	1.28	N110608	100	39	12	48	<0.2	
116.80	124.85	8.05	AXAD	altered andesite										
				-PY and SL with quartz veinlets	116.80	118.87	2.07	N110609	99	11	8	10	0.2	
					118.87	120.09	1.22	N110751	93	13	34	12	1.6	
					120.09	121.32	1.23	N110752	100	13	382	780	3.6	

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From (m)	To (m)	Interval (m)	Unit	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)
					121.32	123.14	1.82	N110753	76	13	378	390	3.2	
					123.14	124.85	1.71	N110754	100	3	8	4	<0.2	
124.85	127.50	2.65	GGST	fault gouge of MSAD										
					124.85	126.19	1.34	N110755	65	4	6	2	<0.2	
					126.19	127.50	1.31	N110756	67	2	8	4	<0.2	
127.50	131.05	3.55	AXAD	altered andesite										
				-trace disseminated PY	127.50	128.32	0.82	N110757	100	35	6	36	<0.2	
					128.32	131.05	2.73	N110610	100	5	8	2	<0.2	
131.05	138.38	7.33	MSAD	massive andesite										
					131.05	134.05	3.00	N110758	100	65	8	74	0.2	
138.38	143.60	5.22	MSAD	calcareous massive andesite										
143.60	144.63	1.03	MSAD	deformed andesite										
144.63	147.37	2.74	VCDC	volcaniclastic dacite with pelite										
147.37	151.40	4.03	AXAD	altered andesite										
				-PY in quartz stringers	147.37	150.11	2.74	N110611	80	18	16	26	<0.2	
					150.11	151.40	1.29	N110612	100	57	34	8	<0.2	
151.40	179.90	28.50	MSAD	massive andesite										
				-PY in diffuse quartz veinlets/sweats	151.40	152.90	1.50	N110759	100	79	22	10	<0.2	
					152.90	154.32	1.42	N110760	100	72	28	12	<0.2	
					176.90	178.40	1.50	N110761	100	56	8	72	<0.2	
					178.40	179.90	1.50	N110762	100	47	2	62	<0.2	
179.90	180.50	0.60	AXAD	altered andesite										
				-trace PY in quartz bands	179.90	180.50	0.60	N110613	100	17	26	4	0.2	
180.50	185.62	5.12	FLST	mixed AXAD and SLMS in fault zone										
					180.50	181.15	0.65	N110614	100	34	22	80	0.6	
					181.15	181.60	0.45	N110615	100	5	12	44	<0.2	
					181.60	184.30	2.70	N110616	80	32	22	122	0.2	
					184.30	184.95	0.65	N110617	95	66	14	304	<0.2	
					184.95	185.62	0.67	N110618	100	78	38	270	<0.2	
185.62	192.02	6.40	FLST	fault zone of graphitic mudstone										
					187.76	189.89	2.13	N110619	95	68	22	144	1.2	
				EOH										