

**Analytical Report**

Job No: ALW004442

Date Received: 16/01/2019

Date Reported: 30/01/2019

No Of Samples: 124

Client Ref: Roger River

Client: **Expose Resources Ltd**  
Mr Peter Nicolson

New Zealand

**Signature:**



Andrew Daly, Laboratory Manager  
30/01/2019

All results refer to samples as received.

## Analytical Report

Element	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	100
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF1	0.06	5.31%	8.6	1.9	77.0	0.4	0.2	5150	0.68	19.6	7.9	130	2.9	34.6	5.28%
RRUF2	0.06	7.51%	18.2	0.7	42.2	0.5	0.2	2260	0.36	18.4	5.4	174	1.4	27.5	8.84%
RRUF3	0.02	2.62%	20.7	0.8	28.4	< 0.2	< 0.1	517	0.05	15.0	1.6	94	0.4	25.0	2.64%
RRUF4	0.05	4.71%	23.2	2.0	233	2.5	0.3	2090	0.30	47.4	37.8	127	5.1	66.3	9.79%
RRUF5	0.04	6.07%	12.2	1.1	118	0.9	0.3	1070	< 0.05	49.5	6.0	130	4.8	72.6	8.64%
RRUF6	0.07	4.79%	6.9	0.6	127	0.7	0.3	2100	< 0.05	14.9	7.0	137	6.5	53.0	7.87%
RRUF7	0.07	4.47%	6.0	< 0.5	188	0.7	0.3	3450	0.14	14.1	7.8	149	4.9	64.4	7.12%
RRUF8	0.04	10.4%	2.5	1.4	36.8	0.4	0.1	3190	0.25	8.87	10.0	203	1.7	144	9.09%
RRUF9	0.03	9.96%	2.9	3.9	26.1	0.6	< 0.1	1300	0.05	11.6	11.1	246	1.6	317	14.1%
RRUF10	0.03	8.49%	1.9	3.7	21.9	0.5	< 0.1	1030	< 0.05	11.3	9.9	104	0.8	237	12.0%
RRUF11	0.05	9.87%	3.9	2.3	204	0.4	0.1	1610	0.05	18.4	11.6	134	3.2	126	9.88%
RRUF12	0.04	10.6%	2.0	6.1	30.9	0.4	< 0.1	1140	0.10	5.80	7.1	136	1.7	196	13.5%
RRUF13	0.03	10.4%	2.5	5.0	39.2	0.6	< 0.1	1650	0.10	8.60	9.8	149	3.5	173	13.8%
RRUF14	0.04	9.93%	5.0	2.1	29.2	0.8	< 0.1	3000	0.16	23.4	11.0	134	2.1	124	12.3%
RRUF15	0.04	5.77%	10.8	0.5	40.9	0.3	0.2	2850	0.50	13.7	3.8	126	1.5	29.2	6.54%
RRUF16	0.03	3.81%	9.5	< 0.5	32.5	< 0.2	0.1	1840	0.38	15.0	2.5	51	1.4	17.0	4.36%
RRUF17	0.05	2.07%	23.4	1.6	200	0.5	0.3	1040	0.07	34.3	2.8	117	2.6	21.1	4.03%
RRUF18	0.02	3.59%	14.9	1.2	160	0.4	0.3	456	< 0.05	52.6	1.4	105	2.7	51.7	6.57%
RRUF19	0.04	5.47%	9.9	0.7	259	0.8	0.2	2550	< 0.05	29.4	5.7	126	8.3	62.0	7.29%
RRUF20	0.06	5.03%	5.9	< 0.5	2270	0.8	0.3	2680	0.05	33.3	7.0	113	6.3	36.1	5.77%
RRUF21	0.06	9.92%	5.9	1.0	377	0.7	0.3	3380	0.31	22.0	9.9	180	5.4	122	9.60%
RRUF22	0.04	10.4%	3.0	1.5	66.6	0.5	0.1	2940	0.32	12.1	10.0	131	2.8	171	10.6%
RRUF23	0.04	10.2%	3.3	2.0	38.5	0.6	0.2	3420	0.30	14.3	10.4	137	3.0	202	11.2%
RRUF24	0.11	10.5%	2.8	3.5	72.9	0.5	< 0.1	3770	0.34	10.7	8.5	95	3.4	155	10.9%
RRUF25	0.04	10.5%	2.3	5.1	33.8	0.4	< 0.1	1860	0.16	6.21	7.5	105	2.1	164	12.3%
RRUF26	0.03	10.9%	3.7	1.8	37.2	0.4	0.1	1340	0.18	7.47	8.2	95	2.5	128	11.8%
RRUF27	0.04	7.07%	3.4	1.3	23.2	0.3	0.1	2620	0.32	14.5	11.1	83	2.1	63.0	8.98%
RRUF28	0.04	10.4%	2.9	3.4	34.4	0.5	< 0.1	2760	0.23	7.55	7.0	139	2.7	124	12.7%
RRUF29	0.04	8.11%	2.8	2.2	46.6	0.4	0.1	2420	0.32	13.7	10.7	118	3.5	146	9.18%
RRUF30	0.04	10.7%	2.5	4.2	50.7	0.6	< 0.1	3290	0.27	7.90	8.1	116	1.6	145	11.4%
RRUF31	0.04	10.2%	3.5	1.4	19.0	0.6	< 0.1	2840	0.26	6.63	7.1	116	0.9	87.1	11.3%
RRUF32	0.03	9.20%	4.9	0.5	44.6	0.4	0.1	2000	0.33	9.71	5.9	134	1.9	82.4	9.26%
RRUF33	0.03	1.65%	4.9	< 0.5	106	0.3	0.1	910	0.12	19.5	4.9	89	1.9	8.8	1.21%
RRUF34	0.05	3.43%	15.3	< 0.5	219	0.9	0.3	872	0.09	27.6	14.5	183	4.2	22.2	5.01%
RRUF35	0.03	4.37%	11.0	< 0.5	38.8	0.3	0.2	1030	0.07	12.3	3.8	130	1.8	28.5	6.67%
RRUF36	0.02	3.28%	6.6	< 0.5	41.5	0.2	< 0.1	438	< 0.05	25.5	5.0	85	0.9	19.9	4.26%
RRUF37	0.03	2.94%	22.9	0.6	80.9	0.5	0.2	867	< 0.05	36.7	3.9	97	3.1	31.2	4.84%
RRUF38	0.05	6.71%	17.0	0.8	169	0.6	0.3	1090	< 0.05	40.2	4.2	170	6.1	80.6	8.81%

**Analytical Report**

Element	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	100
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF39	0.03	4.45%	5.6	< 0.5	426	0.4	0.4	1070	< 0.05	25.5	6.8	269	4.0	19.4	6.30%
RRUF40	0.05	10.7%	7.2	0.7	233	0.6	0.3	2500	0.24	19.9	9.2	515	5.4	82.7	10.2%
RRUF41	0.05	12.1%	10.0	0.8	108	0.7	0.3	3150	0.49	50.5	17.5	142	3.2	148	11.4%
RRUF42	0.04	12.8%	11.1	1.0	59.9	0.6	0.3	3000	0.38	36.1	12.4	120	3.7	159	11.0%
RRUF43	0.05	10.3%	8.9	1.1	105	0.6	0.3	2730	0.71	62.3	22.5	97	3.4	144	10.1%
RRUF44	0.04	10.7%	7.0	2.7	51.9	0.6	0.3	2370	0.28	24.5	11.0	100	4.1	152	10.5%
RRUF45	0.04	10.7%	4.3	1.8	34.8	0.5	0.2	2540	0.17	11.8	9.2	102	3.8	154	11.5%
RRUF46	0.05	12.4%	8.4	1.0	46.3	0.7	0.3	2290	0.26	21.9	11.4	95	4.6	142	11.1%
RRUF47	0.05	10.9%	11.3	0.8	55.6	0.6	0.3	2100	0.52	40.2	18.4	110	3.9	114	9.97%
RRUF48	0.05	12.1%	20.6	0.9	36.7	0.8	0.3	2960	0.15	24.7	10.6	127	4.2	126	13.6%
RRUF49	0.05	12.2%	14.7	1.1	41.4	0.7	0.3	2070	0.23	24.8	10.7	118	4.2	129	11.9%
RRUF50	0.05	11.9%	9.4	1.0	31.4	0.6	0.3	2960	0.23	14.5	8.7	116	2.9	122	12.4%
RRUF51	0.03	11.1%	6.5	1.2	21.8	0.7	0.1	2100	0.16	9.49	7.9	138	1.4	135	14.0%
RRUF52	0.05	6.59%	4.1	0.8	87.4	0.5	0.1	1960	0.36	31.2	5.7	233	2.6	89.0	10.4%
RRUF53	0.04	10.6%	6.0	1.8	26.3	0.3	0.3	1130	0.10	9.50	7.6	137	2.7	94.9	13.3%
RRUF54	0.05	12.0%	8.1	1.5	35.3	0.6	0.3	2620	0.25	14.5	8.4	108	3.6	121	12.6%
RRUF55	0.04	11.8%	6.5	1.4	38.5	0.6	0.2	2830	0.24	13.3	7.3	112	3.7	141	12.4%
RRUF56	0.04	11.8%	7.2	1.2	40.6	0.6	0.3	3180	0.24	17.1	7.7	112	4.3	130	12.0%
RRUF57	0.05	12.7%	7.9	1.8	49.4	0.7	0.3	2060	0.28	21.4	9.3	106	4.2	157	11.8%
RRUF58	0.05	14.9%	13.2	1.2	50.1	1.0	0.4	3060	0.18	31.8	11.3	112	4.6	128	11.6%
RRUF59	0.05	13.2%	7.5	1.5	37.2	0.6	0.2	3440	0.15	15.8	9.6	115	3.3	143	12.9%
RRUF60	0.03	12.7%	5.3	1.9	32.1	0.6	0.2	1940	0.08	11.8	8.5	122	2.7	164	13.2%
RRUF61	0.03	9.15%	2.9	0.7	141	0.6	0.1	2180	0.18	6.83	6.2	300	6.8	117	9.99%
RRUF62	0.04	5.82%	1.6	0.7	124	0.4	< 0.1	4650	0.34	10.6	30.9	436	2.4	41.9	6.42%
RRUF63	0.03	4.16%	7.0	< 0.5	86.5	0.5	0.2	985	0.13	21.9	3.1	114	7.0	27.4	3.97%
RRUF64	0.02	3.85%	12.3	< 0.5	45.7	0.3	0.1	797	0.12	22.7	2.8	144	5.3	30.0	5.99%
RRUF65	0.02	1.97%	4.9	< 0.5	14.7	< 0.2	< 0.1	526	0.15	12.2	2.5	55	1.5	13.7	2.38%
RRUF66	0.02	1.50%	3.1	< 0.5	36.8	< 0.2	< 0.1	7040	0.09	10.6	4.5	75	1.4	14.2	1.51%
RRUF67	0.03	10.8%	5.0	1.6	32.4	0.6	0.2	3200	0.18	12.1	6.8	108	3.1	129	11.2%
RRUF68	0.04	12.2%	4.6	2.0	43.3	0.6	0.2	2530	0.25	12.7	7.1	122	3.6	156	12.7%
RRUF69	0.04	12.2%	5.7	1.2	35.2	0.6	0.2	2820	0.36	13.0	7.5	127	3.6	140	12.4%
RRUF70	0.03	11.4%	3.5	1.0	16.5	0.4	0.1	1090	0.15	7.21	8.2	132	1.4	99.8	11.8%
RRUF71	0.03	9.17%	10.9	0.5	28.7	1.1	0.1	1280	0.06	12.2	13.1	222	3.0	115	10.9%
RRUF72	0.03	9.19%	10.9	< 0.5	26.8	1.0	< 0.1	1730	0.20	9.81	8.1	251	2.7	105	11.7%
RRUF73	0.03	5.64%	8.1	< 0.5	33.3	0.6	< 0.1	1730	0.25	8.56	8.0	180	2.3	62.5	7.16%
RRUF74	0.05	6.85%	9.2	0.7	52.4	0.5	0.1	1920	0.25	9.51	14.4	153	5.1	148	7.14%
RRUF75	0.04	4.39%	1.5	1.0	61.2	0.5	< 0.1	1820	0.28	8.80	61.5	138	0.9	83.7	5.98%
RRUF76	0.08	11.6%	5.9	1.3	46.4	0.5	0.2	3080	0.14	15.4	9.4	155	3.0	155	11.4%
RRUF77	0.04	11.1%	5.9	2.3	32.4	0.6	0.2	1230	0.21	12.1	6.9	109	2.1	188	13.7%

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Element	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	100
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF78	0.03	12.5%	4.6	3.1	35.4	0.5	0.1	1160	0.14	10.6	6.3	122	2.0	150	14.9%
RRUF79	0.04	12.0%	5.4	1.9	36.1	0.5	0.2	1840	0.13	14.0	8.3	116	3.3	156	12.1%
RRUF80	0.03	11.8%	4.4	1.3	34.9	0.5	0.2	1520	0.10	10.6	8.2	121	5.0	183	11.8%
RRUF81	0.03	10.4%	2.9	2.1	32.2	0.6	0.1	2640	0.14	7.30	6.1	122	3.9	135	11.9%
RRUF82	0.03	11.0%	2.6	3.9	41.7	0.6	0.1	1990	0.22	7.58	7.0	120	3.6	157	11.7%
RRUF83	0.04	10.1%	3.2	2.5	28.4	0.5	0.2	2070	0.31	8.15	6.3	132	3.3	124	11.6%
RRUF84	0.04	10.4%	2.7	2.6	19.6	0.3	< 0.1	976	0.12	6.23	7.8	130	2.0	118	11.9%
RRUF85	0.02	2.18%	5.1	< 0.5	20.1	0.2	< 0.1	430	0.07	14.4	8.1	82	2.1	29.7	3.83%
RRUF86	0.04	6.04%	13.5	< 0.5	31.0	0.6	0.1	1720	0.46	12.7	5.1	158	2.8	67.4	6.42%
RRUF87	0.03	2.77%	16.1	< 0.5	49.8	0.4	0.1	1260	0.29	27.9	16.7	83	2.6	31.9	2.72%
RRUF88	0.03	2.03%	26.7	< 0.5	61.6	0.3	0.1	1150	0.26	35.2	1.5	59	2.9	18.5	1.66%
RRUF89	0.04	2.28%	2.8	0.9	87.1	0.4	0.1	774	0.24	14.6	11.4	135	2.8	19.6	5.48%
RRUF90	0.03	12.0%	5.4	1.2	27.2	0.5	0.2	1810	0.09	14.1	8.8	170	2.8	172	12.0%
RRUF91	0.05	8.91%	2.2	2.1	26.7	0.4	0.1	1180	0.16	7.75	9.4	189	1.3	158	11.8%
RRUF92	0.04	12.1%	4.0	3.7	29.4	0.6	0.1	839	0.14	9.32	7.5	105	2.2	199	14.3%
RRUF93	0.04	13.6%	7.2	2.0	35.8	0.6	0.3	1520	< 0.05	24.6	12.8	130	3.9	172	13.9%
RRUF94	0.03	9.95%	2.6	2.7	20.9	0.3	0.1	589	0.09	6.96	7.3	118	2.1	133	11.6%
RRUF95	0.03	11.7%	2.3	5.1	27.5	0.5	< 0.1	219	< 0.05	5.48	5.9	133	2.7	173	14.5%
RRUF96	0.03	10.3%	1.6	6.1	38.6	0.5	< 0.1	612	< 0.05	6.30	7.0	136	2.4	138	12.2%
RRUF97	0.03	11.0%	1.8	5.3	41.0	0.4	< 0.1	1510	0.15	5.54	8.6	119	2.5	165	11.6%
RRUF98	0.03	10.8%	2.0	3.4	19.5	0.4	0.1	1030	0.08	6.93	6.3	134	2.0	131	10.8%
RRUF99	0.03	11.8%	3.0	4.2	14.1	0.5	< 0.1	474	0.07	7.18	6.6	141	1.1	122	14.0%
RRUF100	0.03	3.67%	4.6	< 0.5	46.4	0.2	< 0.1	3270	0.09	13.1	5.3	81	1.0	28.6	4.08%
RRUF101	0.03	3.73%	5.5	0.6	25.0	0.2	< 0.1	723	< 0.05	12.2	4.3	140	1.7	36.7	5.47%
RRUF102	0.02	3.37%	35.6	0.6	54.1	0.4	0.2	540	0.05	39.4	1.7	122	3.2	31.4	3.75%
RRUF103	0.03	3.85%	57.0	0.7	110	0.5	0.3	736	0.06	40.1	2.4	81	5.7	28.7	3.97%
RRUF104	0.04	3.50%	12.4	0.7	86.6	0.3	0.2	639	< 0.05	20.5	6.4	150	4.0	19.3	5.50%
RRUF105	0.03	10.4%	2.7	3.8	30.8	0.3	< 0.1	806	< 0.05	5.66	6.9	113	3.5	117	11.6%
RRUF106	0.03	3.08%	5.5	0.5	44.0	< 0.2	< 0.1	1760	0.05	20.8	2.8	122	0.7	22.3	3.78%
RRUF107	0.04	4.58%	7.6	0.7	34.7	0.2	< 0.1	1250	< 0.05	11.9	3.5	120	3.4	48.9	4.66%
RRUF108	0.03	4.80%	28.4	0.9	47.0	0.3	0.2	51	< 0.05	30.2	2.4	165	4.4	50.4	6.39%
RRUF109	0.05	11.0%	5.9	1.8	38.3	0.3	0.2	808	< 0.05	8.55	7.3	196	2.0	118	13.3%
RRUF110	0.07	10.3%	2.2	2.0	35.9	0.5	0.1	1150	0.07	8.82	21.6	243	2.3	198	12.6%
RRUF111	0.05	10.3%	1.5	7.4	46.2	0.9	< 0.1	7810	0.21	22.8	35.9	252	0.6	212	11.5%
RRUF112	0.04	6.06%	1.5	3.4	80.6	0.7	< 0.1	5190	0.25	28.2	58.2	106	0.7	237	9.55%
RRUF113	0.08	8.44%	2.6	2.3	74.4	0.6	< 0.1	3450	0.12	9.03	30.0	108	1.6	170	10.5%
RRUF114	0.05	5.73%	1.2	4.0	88.7	0.5	< 0.1	4070	0.09	15.8	51.1	96	0.8	151	10.9%
RRUF115	0.04	10.2%	3.8	5.5	197	0.4	0.1	1420	0.05	15.2	15.2	118	3.3	127	9.37%
RRUF116	0.04	10.9%	3.1	1.7	53.9	0.4	0.1	2230	0.31	9.96	10.5	146	2.7	184	10.6%

**Analytical Report**

Element	Ag	Al	As	Au	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
Units	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	10	0.5	0.5	0.2	0.2	0.1	10	0.05	0.05	0.2	2	0.1	0.2	100
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF117	0.03	1.61%	5.1	0.6	97.1	0.3	0.1	908	0.11	21.3	4.9	91	1.6	9.0	1.14%
RRUF118	0.04	9.41%	6.4	1.3	77.0	0.5	0.2	2480	0.39	32.6	15.9	94	3.1	140	10.1%
RRUF119	0.04	10.4%	6.2	1.6	50.1	0.5	0.2	2680	0.32	19.9	9.9	118	3.2	136	11.2%
RRUF120	0.02	1.32%	3.3	< 0.5	41.7	< 0.2	< 0.1	8280	0.09	10.4	4.8	78	1.3	15.1	1.56%
RRUF121	0.04	9.52%	5.3	1.6	33.8	0.5	0.1	3720	0.19	12.4	6.6	103	1.8	144	11.0%
RRUF122	0.03	2.24%	25.3	< 0.5	80.7	0.4	0.1	1330	0.26	37.2	1.8	68	3.1	17.4	1.63%
RRUF123	0.03	10.8%	5.9	3.4	18.5	0.4	< 0.1	606	0.10	10.3	7.1	143	1.2	115	12.8%
RRUF124	0.05	9.78%	2.8	6.0	46.2	0.8	< 0.1	7610	0.20	21.0	34.7	250	0.6	192	11.4%

## Analytical Report

Element	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Ni	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.05	0.05	0.02	0.05	0.01	10	0.05	0.5	10	2	0.1	0.5	2	0.2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF1	16.7	0.32	0.06	0.09	0.06	2060	15.2	21.7	1470	258	2.1	3.4	39	12.4	13.0
RRUF2	23.9	0.66	0.17	0.07	0.08	762	17.4	16.3	905	144	2.6	4.0	54	11.7	5.5
RRUF3	11.3	0.21	0.02	0.09	0.04	656	7.69	10.4	575	27	1.6	0.6	12	14.3	3.0
RRUF4	14.1	0.24	0.08	0.75	0.11	3720	22.8	50.3	3060	383	2.5	1.6	137	18.1	25.4
RRUF5	18.1	0.16	0.05	0.06	0.09	4440	26.4	42.7	3540	204	2.8	0.9	33	20.9	30.0
RRUF6	14.9	0.31	0.03	0.07	0.06	3650	11.1	45.5	2110	1210	1.2	2.2	44	15.2	28.2
RRUF7	13.7	0.40	0.03	0.16	0.06	4540	10.5	34.9	2440	2190	1.0	2.6	47	14.0	38.6
RRUF8	21.8	0.75	0.14	0.07	0.09	763	4.48	19.7	2550	708	1.3	1.5	47	6.3	6.1
RRUF9	30.8	0.47	0.77	0.08	0.14	1060	3.71	25.8	2420	253	1.3	1.0	36	6.0	5.1
RRUF10	23.3	0.43	0.55	0.05	0.10	1300	4.91	11.9	3390	328	0.7	1.0	29	4.0	5.0
RRUF11	23.8	0.40	0.17	0.09	0.08	3220	7.13	32.1	3230	425	1.1	1.5	51	9.5	25.7
RRUF12	28.8	0.43	0.41	< 0.05	0.11	675	2.20	20.5	1450	284	1.0	1.5	58	3.4	7.2
RRUF13	28.0	0.38	0.25	0.06	0.11	983	3.96	38.8	1740	713	1.3	1.2	58	4.8	13.6
RRUF14	25.6	0.56	0.15	0.10	0.11	1670	12.2	25.4	2180	1050	1.4	1.6	50	6.3	8.2
RRUF15	18.3	0.42	0.05	0.09	0.06	918	13.7	16.7	885	64	2.1	2.3	40	8.8	5.8
RRUF16	13.6	0.31	0.03	0.06	0.04	769	8.67	22.7	749	95	1.7	1.3	17	6.9	6.3
RRUF17	7.44	0.27	0.05	0.20	0.05	6000	17.2	3.1	1460	35	1.6	1.6	19	10.9	24.6
RRUF18	15.1	0.21	0.05	< 0.05	0.07	4260	26.9	7.4	2120	52	2.9	0.8	11	22.6	19.6
RRUF19	15.9	0.26	0.04	0.09	0.07	5170	20.9	70.9	3190	960	1.4	1.0	39	16.0	34.5
RRUF20	15.5	0.33	0.03	0.11	0.06	5460	23.4	59.3	3260	1690	1.3	2.1	43	16.6	42.3
RRUF21	23.1	0.44	0.09	0.16	0.10	2650	13.5	61.1	2770	2730	2.3	1.8	53	10.3	26.5
RRUF22	24.9	0.53	0.12	0.08	0.10	947	5.65	41.5	2230	1700	1.5	1.3	41	6.4	9.7
RRUF23	26.0	0.51	0.14	0.09	0.11	870	6.83	46.8	1830	2060	1.8	1.2	49	8.1	8.1
RRUF24	27.1	0.52	0.11	0.12	0.11	1730	5.34	41.6	1910	1460	1.3	1.5	59	6.4	17.2
RRUF25	26.5	0.32	0.29	0.07	0.12	851	2.82	26.4	1810	368	1.1	1.3	47	4.2	11.2
RRUF26	26.7	0.38	0.24	0.06	0.11	1500	3.03	28.3	2020	644	1.5	1.2	48	5.8	13.2
RRUF27	15.9	0.54	0.08	0.08	0.07	967	7.70	21.6	1740	849	1.3	1.7	30	8.5	8.2
RRUF28	27.9	0.49	0.22	0.06	0.11	1260	4.16	29.5	1710	439	1.5	1.5	60	5.9	11.7
RRUF29	19.8	0.48	0.12	0.07	0.08	1140	6.81	35.8	1550	1780	1.4	1.4	46	10.0	13.3
RRUF30	27.4	0.42	0.15	0.09	0.12	1370	2.78	17.1	1440	911	1.0	1.3	49	3.5	14.6
RRUF31	26.2	0.84	0.22	0.10	0.11	921	2.84	11.4	1390	667	1.2	1.3	41	4.8	4.3
RRUF32	23.7	0.41	0.20	0.08	0.11	1770	6.81	21.0	1670	473	1.3	1.5	42	7.3	11.3
RRUF33	4.60	0.17	0.05	0.05	0.03	1700	11.2	14.6	838	73	0.7	1.8	19	6.7	10.1
RRUF34	9.23	0.22	0.13	0.11	0.06	3280	15.4	39.4	1920	79	1.5	2.5	55	12.2	25.2
RRUF35	14.7	0.28	0.04	0.05	0.06	1520	8.50	23.3	1040	70	2.1	1.5	26	7.9	9.6
RRUF36	9.59	0.37	0.11	0.08	0.04	1280	14.3	10.6	881	179	0.9	1.2	20	5.2	7.8
RRUF37	11.3	0.18	0.02	0.06	0.05	3950	20.9	23.7	1170	366	2.2	0.7	21	11.6	26.0
RRUF38	21.3	0.29	0.08	0.05	0.09	5810	22.0	64.1	2380	144	1.9	1.1	44	17.4	32.4

**Analytical Report**

Element	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Ni	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.05	0.05	0.02	0.05	0.01	10	0.05	0.5	10	2	0.1	0.5	2	0.2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF39	10.9	0.47	0.40	< 0.05	0.06	6050	19.2	12.6	3480	360	0.8	2.1	33	7.9	27.7
RRUF40	23.4	0.51	0.10	0.09	0.10	3210	10.3	69.0	3030	1850	2.8	2.4	82	10.7	24.1
RRUF41	30.4	0.82	0.16	0.15	0.12	1520	14.2	73.6	1870	7670	5.1	1.6	73	16.2	12.9
RRUF42	34.7	0.92	0.19	0.12	0.13	1710	13.4	83.5	1820	3900	5.1	1.5	70	12.3	15.2
RRUF43	25.8	0.76	0.15	0.17	0.11	2230	15.3	69.3	1550	1.43%	4.7	1.8	62	19.3	14.2
RRUF44	30.1	0.68	0.14	0.12	0.12	2120	10.2	78.3	1900	3500	3.4	1.6	64	10.3	15.1
RRUF45	28.9	0.54	0.13	0.10	0.11	1440	6.76	59.0	2270	1720	2.2	1.3	58	6.9	14.6
RRUF46	30.9	0.70	0.18	0.16	0.12	1900	10.6	88.6	1990	3670	3.9	2.1	61	10.3	16.1
RRUF47	28.9	0.66	0.16	0.16	0.11	1720	12.0	80.8	1560	7250	5.3	2.2	54	18.6	14.0
RRUF48	35.1	0.68	0.23	0.15	0.13	2080	11.7	84.3	1950	2450	5.1	2.6	70	10.9	15.4
RRUF49	33.8	0.85	0.19	0.13	0.13	2080	11.6	87.9	1910	1700	4.8	2.3	69	11.8	16.0
RRUF50	33.1	0.70	0.19	0.13	0.13	1430	8.06	64.8	1500	1920	3.9	1.7	56	9.4	11.6
RRUF51	32.5	0.89	0.29	0.07	0.14	998	4.99	31.2	1430	834	2.3	1.2	53	7.7	6.9
RRUF52	16.9	0.35	0.14	0.06	0.10	5580	34.4	21.6	1740	325	1.3	3.0	21	10.3	30.2
RRUF53	32.7	0.60	0.61	0.05	0.13	1430	6.43	34.1	1770	506	2.7	1.3	44	10.4	10.7
RRUF54	34.6	0.75	0.17	0.12	0.14	1430	7.82	77.4	1650	1750	4.1	1.7	60	10.5	12.6
RRUF55	32.0	0.70	0.15	0.11	0.14	1870	7.81	75.1	1770	1890	3.1	1.8	61	8.3	14.5
RRUF56	31.4	0.59	0.16	0.14	0.12	2300	9.45	85.5	2060	2170	3.4	1.9	65	8.9	15.8
RRUF57	33.6	0.86	0.21	0.15	0.13	2340	10.1	93.1	1970	3790	3.9	1.9	73	9.1	17.6
RRUF58	36.4	0.89	0.30	0.19	0.12	2030	15.4	97.5	2020	5340	5.2	1.6	66	10.7	17.6
RRUF59	34.0	0.83	0.16	0.14	0.13	1470	11.5	69.3	2150	3290	2.9	1.4	72	6.7	13.0
RRUF60	33.3	0.79	0.22	0.05	0.14	1650	5.30	55.8	2200	901	2.8	1.2	60	6.8	13.0
RRUF61	19.7	0.31	0.12	< 0.05	0.09	9830	3.98	29.9	3390	910	1.2	1.3	40	4.5	49.6
RRUF62	8.53	0.40	0.04	0.08	0.04	3950	5.05	47.3	5090	2740	0.7	2.1	75	8.2	19.5
RRUF63	13.1	0.25	0.03	< 0.05	0.04	7560	13.0	22.0	2180	102	1.2	0.9	25	6.4	46.9
RRUF64	12.9	0.32	0.02	< 0.05	0.05	3440	12.1	11.7	1390	32	1.4	0.9	15	8.1	19.2
RRUF65	6.51	0.35	0.03	< 0.05	0.02	636	7.38	6.8	446	51	0.9	1.5	10	4.1	4.4
RRUF66	4.37	0.20	0.05	< 0.05	0.02	1080	6.13	8.1	876	140	0.5	1.5	17	3.8	5.3
RRUF67	28.8	0.82	0.16	0.09	0.11	1330	6.79	59.6	1600	1210	2.3	1.3	59	6.9	11.7
RRUF68	32.0	0.77	0.17	0.10	0.13	2020	7.18	65.2	1570	1360	2.5	1.5	63	7.4	13.2
RRUF69	32.6	0.87	0.18	0.10	0.13	1270	7.40	76.2	1630	1210	2.9	1.5	60	10.5	10.6
RRUF70	27.1	0.97	0.40	0.06	0.12	678	3.80	20.7	1690	343	1.5	1.1	44	7.2	5.6
RRUF71	26.5	0.50	0.08	0.05	0.11	1430	6.11	17.3	4480	383	1.9	1.2	93	5.1	10.8
RRUF72	26.7	0.63	0.07	0.08	0.11	1130	5.24	18.0	3470	562	2.2	1.4	82	4.9	10.8
RRUF73	16.4	0.45	0.03	0.09	0.06	865	5.91	22.3	3920	983	1.4	1.1	65	8.3	8.4
RRUF74	13.7	0.56	0.05	0.11	0.06	1550	5.85	28.7	2990	1850	1.4	1.2	47	5.1	11.5
RRUF75	10.8	0.63	0.04	0.12	0.04	478	3.83	18.3	3920	3920	0.8	1.4	43	3.6	2.7
RRUF76	25.5	0.65	0.14	0.26	0.10	2160	16.3	45.7	2670	5330	2.0	1.4	65	5.3	13.8
RRUF77	34.2	0.58	0.20	0.12	0.14	1570	6.43	38.9	1350	1460	2.5	1.3	53	4.7	9.7

**Analytical Report**

Element	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Ni	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.05	0.05	0.02	0.05	0.01	10	0.05	0.5	10	2	0.1	0.5	2	0.2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF78	32.2	0.56	0.31	0.09	0.14	994	4.64	34.2	1470	748	2.1	1.1	53	5.2	8.1
RRUF79	29.9	0.43	0.24	0.08	0.13	1440	6.62	62.2	2100	1150	2.8	1.2	49	7.6	12.8
RRUF80	29.8	0.53	0.32	0.06	0.12	1600	6.31	76.7	2120	712	2.5	1.3	58	10.4	12.7
RRUF81	27.2	0.50	0.15	0.08	0.11	1090	3.83	42.8	1890	768	1.3	1.2	51	5.1	14.6
RRUF82	28.0	0.51	0.18	0.07	0.12	1340	4.22	48.3	1950	671	1.6	1.3	57	5.8	14.1
RRUF83	27.3	0.46	0.18	0.08	0.12	820	4.66	41.3	1500	793	1.7	1.4	45	6.8	9.3
RRUF84	26.7	0.49	0.38	0.05	0.12	1090	2.97	21.7	2100	242	1.1	1.2	35	5.2	10.3
RRUF85	6.18	0.19	0.02	< 0.05	0.03	542	8.09	11.1	1080	171	0.7	0.9	21	4.5	5.8
RRUF86	16.4	0.29	0.05	0.09	0.07	1030	7.20	22.2	2400	895	1.8	1.0	41	5.8	9.4
RRUF87	7.50	0.20	< 0.02	0.08	0.03	1810	14.5	16.2	1210	1350	1.6	0.8	19	9.2	17.5
RRUF88	6.72	0.14	0.02	< 0.05	0.02	4280	19.0	6.6	1170	74	1.5	0.6	10	6.5	23.8
RRUF89	6.94	0.26	0.20	0.07	0.05	3760	10.3	10.3	2980	1720	0.8	2.0	23	7.4	19.6
RRUF90	28.1	0.64	0.31	0.12	0.12	1280	7.07	44.7	2560	1690	2.1	1.1	61	5.0	11.0
RRUF91	23.2	0.60	0.24	0.08	0.11	950	4.12	17.9	2130	924	1.2	1.1	41	4.4	5.0
RRUF92	32.6	0.68	0.42	0.07	0.16	954	3.90	32.2	1430	584	2.1	1.1	55	5.8	8.0
RRUF93	33.2	0.57	0.26	0.13	0.14	1180	10.8	75.1	1950	3430	3.4	1.4	54	7.8	11.5
RRUF94	24.4	0.67	0.51	0.05	0.11	1120	3.46	27.4	2450	379	1.4	0.9	33	7.2	9.2
RRUF95	29.2	0.60	0.83	0.06	0.13	1320	2.57	27.4	1520	168	1.1	0.8	49	4.1	12.3
RRUF96	25.5	0.51	0.44	0.07	0.11	1420	2.80	21.2	1750	257	0.8	0.7	53	3.3	13.5
RRUF97	25.9	0.56	0.25	0.05	0.11	1350	2.57	30.3	2320	452	1.0	1.1	53	4.0	12.2
RRUF98	25.6	0.67	0.62	0.05	0.12	942	3.54	24.6	1800	337	0.9	0.8	36	5.1	7.5
RRUF99	31.2	0.84	0.92	0.09	0.15	620	2.88	20.5	1500	184	1.2	0.8	41	5.0	3.9
RRUF100	7.82	0.33	0.03	0.09	0.03	1100	6.89	20.3	1060	738	0.9	1.1	23	7.9	5.1
RRUF101	10.5	0.25	0.03	0.05	0.05	1450	7.33	14.2	832	123	0.8	1.0	23	6.2	9.7
RRUF102	10.7	0.17	0.03	0.05	0.04	4250	21.9	12.3	1950	46	2.3	0.6	15	8.0	27.4
RRUF103	12.6	0.20	0.05	< 0.05	0.04	9220	18.4	13.3	2040	54	1.6	0.7	17	15.6	47.9
RRUF104	9.63	0.29	0.29	< 0.05	0.06	4220	12.7	14.4	2930	991	1.0	2.1	18	11.2	25.9
RRUF105	26.4	0.57	0.59	< 0.05	0.11	3040	2.89	22.9	2760	240	0.9	0.8	40	4.3	25.4
RRUF106	6.50	0.27	0.06	0.07	0.04	638	9.81	15.9	610	129	0.7	1.4	16	9.8	3.3
RRUF107	11.1	0.32	0.05	0.14	0.04	1830	6.45	11.9	2300	141	1.3	0.7	21	6.3	6.7
RRUF108	16.9	0.24	0.21	< 0.05	0.07	2790	16.4	23.5	1880	41	3.2	1.0	21	11.8	22.4
RRUF109	27.7	0.66	0.25	< 0.05	0.13	1570	4.81	30.8	1920	505	2.2	1.2	47	8.7	9.5
RRUF110	21.2	0.71	0.49	0.07	0.11	1220	4.96	36.5	4640	1600	0.9	0.9	62	4.4	8.6
RRUF111	29.0	1.27	0.35	0.09	0.12	1300	14.2	49.3	1.73%	1470	0.5	1.0	117	1.8	3.4
RRUF112	18.6	1.16	0.29	0.09	0.09	1890	8.15	15.2	6340	1990	0.5	0.8	60	4.4	10.6
RRUF113	22.6	0.91	0.09	0.14	0.10	2930	5.14	29.6	6260	1840	0.7	1.2	75	5.2	18.8
RRUF114	16.0	0.94	0.21	0.08	0.08	2090	5.59	16.0	5780	3650	0.5	0.6	52	3.5	12.2
RRUF115	25.3	0.83	0.24	0.08	0.09	3980	5.93	32.4	3450	655	1.1	0.8	53	9.1	29.8
RRUF116	26.9	0.98	0.18	0.09	0.11	1050	4.86	43.5	2550	941	1.5	1.0	46	6.2	10.2



**Analytical Report**

Element	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Nb	Ni	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.05	0.05	0.02	0.05	0.01	10	0.05	0.5	10	2	0.1	0.5	2	0.2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF117	4.88	0.25	0.11	0.05	0.03	2000	11.4	14.9	871	75	0.6	2.2	18	6.0	10.1
RRUF118	24.3	1.01	0.14	0.14	0.10	1930	10.6	66.2	1940	6950	3.2	1.2	57	16.1	12.5
RRUF119	28.2	0.96	0.15	0.14	0.12	1680	8.87	63.1	1700	3630	2.8	1.4	58	11.4	12.8
RRUF120	4.37	0.17	0.06	< 0.05	0.02	1010	5.39	7.9	980	134	0.5	1.5	17	4.0	5.0
RRUF121	26.8	0.88	0.17	0.10	0.11	1440	6.09	34.2	1310	1270	2.0	1.0	52	4.5	8.7
RRUF122	7.97	0.22	0.03	< 0.05	0.02	5480	18.4	8.8	1450	77	1.4	0.7	11	6.1	27.9
RRUF123	30.8	1.03	0.81	0.08	0.14	886	4.54	19.7	1600	174	1.3	0.7	48	5.5	5.9
RRUF124	28.7	1.47	0.35	0.08	0.12	1250	11.7	45.8	1.67%	1240	0.6	0.8	115	2.2	4.2

**Analytical Report**

Element	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	50	0.1	1	0.05	0.2	0.1	0.01	0.2	0.02	10	0.1	0.02	2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF1	< 0.01	1040	0.7	6	1.50	1.9	40.2	< 0.01	< 0.2	1.41	2070	0.2	2.15	154	< 0.1
RRUF2	< 0.01	638	1.3	6	2.47	2.6	44.6	< 0.01	< 0.2	2.83	3450	< 0.1	2.87	192	< 0.1
RRUF3	< 0.01	401	1.6	3	0.94	1.1	38.9	< 0.01	< 0.2	0.50	505	< 0.1	0.98	138	0.1
RRUF4	< 0.01	414	3.5	17	1.95	1.7	24.2	< 0.01	< 0.2	2.06	919	0.4	4.31	149	< 0.1
RRUF5	< 0.01	294	0.7	10	2.54	2.0	31.2	< 0.01	< 0.2	1.61	357	0.2	0.42	174	< 0.1
RRUF6	< 0.01	515	0.5	8	1.43	1.8	32.0	< 0.01	< 0.2	1.39	2790	0.1	0.56	135	< 0.1
RRUF7	< 0.01	821	0.5	8	1.55	1.7	32.7	< 0.01	< 0.2	1.34	2890	0.1	0.85	127	< 0.1
RRUF8	< 0.01	729	0.1	28	1.58	1.2	23.4	< 0.01	< 0.2	1.27	4120	< 0.1	1.23	292	< 0.1
RRUF9	< 0.01	343	< 0.1	55	2.01	1.9	17.6	< 0.01	< 0.2	2.06	5700	0.1	0.67	436	< 0.1
RRUF10	< 0.01	330	< 0.1	50	1.53	1.3	13.3	< 0.01	< 0.2	1.10	4830	< 0.1	0.41	347	< 0.1
RRUF11	< 0.01	641	0.2	21	1.88	1.3	22.6	< 0.01	< 0.2	1.72	3990	0.2	0.53	263	< 0.1
RRUF12	< 0.01	351	< 0.1	37	2.16	1.4	9.9	< 0.01	< 0.2	1.32	4530	0.1	0.50	400	< 0.1
RRUF13	< 0.01	368	< 0.1	35	2.49	1.6	16.9	< 0.01	< 0.2	1.98	4530	0.2	0.76	404	< 0.1
RRUF14	< 0.01	642	0.2	32	3.31	1.6	19.8	< 0.01	< 0.2	2.07	4190	< 0.1	1.00	326	< 0.1
RRUF15	< 0.01	629	1.0	4	2.34	2.0	32.7	< 0.01	< 0.2	1.42	1790	0.1	1.39	171	< 0.1
RRUF16	< 0.01	649	0.9	2	1.45	1.3	32.9	< 0.01	< 0.2	0.70	946	< 0.1	0.76	157	0.1
RRUF17	< 0.01	765	2.9	4	3.05	1.8	51.2	< 0.01	0.2	3.51	341	0.3	3.26	113	0.2
RRUF18	< 0.01	342	0.8	6	2.26	1.8	34.1	< 0.01	< 0.2	1.29	286	0.1	0.26	133	< 0.1
RRUF19	< 0.01	565	0.6	9	1.58	1.5	40.9	< 0.01	< 0.2	1.21	530	0.1	0.38	127	< 0.1
RRUF20	< 0.01	960	0.4	7	1.28	1.8	46.3	< 0.01	< 0.2	1.15	1300	0.2	0.60	112	< 0.1
RRUF21	< 0.01	787	0.3	23	2.33	2.2	30.9	< 0.01	< 0.2	3.32	2700	0.3	2.33	254	< 0.1
RRUF22	< 0.01	702	0.1	28	1.74	1.6	27.0	< 0.01	< 0.2	1.77	4000	0.1	1.51	302	< 0.1
RRUF23	< 0.01	731	0.2	29	2.07	1.8	25.5	< 0.01	< 0.2	2.53	3500	0.1	1.71	312	< 0.1
RRUF24	< 0.01	727	0.1	33	2.46	1.5	28.9	< 0.01	< 0.2	1.69	3920	0.2	1.35	338	< 0.1
RRUF25	< 0.01	394	< 0.1	34	2.94	1.3	14.0	< 0.01	< 0.2	1.71	4400	0.1	0.78	358	< 0.1
RRUF26	< 0.01	462	0.1	29	2.84	1.4	13.3	< 0.01	< 0.2	2.30	3170	0.2	1.05	309	< 0.1
RRUF27	< 0.01	684	0.2	14	1.66	1.3	18.6	< 0.01	< 0.2	1.91	3470	< 0.1	1.35	217	< 0.1
RRUF28	< 0.01	549	0.1	30	2.64	1.7	19.9	< 0.01	< 0.2	2.03	3750	0.1	1.10	381	< 0.1
RRUF29	< 0.01	626	0.2	20	2.09	1.4	22.5	< 0.01	< 0.2	2.29	3520	0.2	1.23	303	< 0.1
RRUF30	< 0.01	710	0.1	35	2.80	1.5	17.1	< 0.01	< 0.2	1.26	4020	< 0.1	0.94	362	< 0.1
RRUF31	< 0.01	712	0.1	30	2.75	1.5	14.4	< 0.01	< 0.2	1.60	3910	< 0.1	1.04	317	< 0.1
RRUF32	< 0.01	582	0.2	16	1.54	2.1	16.6	< 0.01	< 0.2	1.79	3560	0.1	1.46	293	< 0.1
RRUF33	< 0.01	657	0.4	4	0.31	0.8	16.5	< 0.01	< 0.2	1.13	1500	0.1	0.76	67	< 0.1
RRUF34	< 0.01	374	0.9	9	0.73	1.4	28.6	< 0.01	< 0.2	2.75	2230	0.3	1.78	132	< 0.1
RRUF35	< 0.01	554	1.0	4	2.01	1.5	27.8	< 0.01	< 0.2	1.46	1250	< 0.1	1.11	176	< 0.1
RRUF36	< 0.01	1060	0.6	5	0.86	1.0	50.1	< 0.01	< 0.2	0.89	1290	< 0.1	0.68	169	0.1
RRUF37	< 0.01	307	1.4	4	1.56	1.2	21.9	< 0.01	< 0.2	1.23	313	0.2	0.29	131	< 0.1
RRUF38	< 0.01	444	0.7	9	2.20	1.7	31.2	< 0.01	< 0.2	2.23	406	0.1	0.45	149	< 0.1

**Analytical Report**

Element	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	50	0.1	1	0.05	0.2	0.1	0.01	0.2	0.02	10	0.1	0.02	2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF39	< 0.01	275	0.3	12	1.12	2.0	31.4	< 0.01	0.2	2.16	5580	0.1	1.10	153	< 0.1
RRUF40	< 0.01	810	0.3	27	2.83	2.1	32.4	< 0.01	< 0.2	4.32	2860	0.3	2.05	216	< 0.1
RRUF41	< 0.01	886	0.4	26	3.97	2.6	34.2	< 0.01	< 0.2	6.19	2640	0.3	2.74	292	< 0.1
RRUF42	< 0.01	840	0.4	24	4.12	3.0	33.5	< 0.01	< 0.2	6.43	2460	0.2	2.68	288	< 0.1
RRUF43	< 0.01	937	0.3	22	3.85	2.3	33.4	< 0.01	< 0.2	5.51	2630	0.4	2.44	248	< 0.1
RRUF44	< 0.01	837	0.3	24	3.83	2.4	27.2	< 0.01	< 0.2	4.31	2690	0.2	2.23	264	< 0.1
RRUF45	< 0.01	617	0.2	28	3.66	1.9	22.9	< 0.01	< 0.2	3.14	3340	0.2	1.64	294	< 0.1
RRUF46	< 0.01	896	0.3	22	3.87	2.8	31.6	< 0.01	< 0.2	5.06	2910	0.2	2.79	262	< 0.1
RRUF47	< 0.01	932	0.4	19	4.02	2.9	30.2	< 0.01	< 0.2	6.56	2480	0.4	3.16	242	< 0.1
RRUF48	< 0.01	744	0.9	20	4.98	3.5	33.6	0.01	< 0.2	7.41	2810	0.2	3.00	334	< 0.1
RRUF49	< 0.01	777	0.7	20	4.55	3.3	30.8	< 0.01	< 0.2	6.81	2930	0.3	3.01	290	< 0.1
RRUF50	< 0.01	805	0.5	23	4.85	2.9	28.5	< 0.01	< 0.2	5.44	2850	0.2	2.51	289	< 0.1
RRUF51	< 0.01	585	0.2	34	4.88	2.2	18.1	< 0.01	< 0.2	4.09	4000	0.1	1.53	353	< 0.1
RRUF52	< 0.01	475	0.2	14	1.34	2.4	31.9	< 0.01	< 0.2	3.22	5220	0.2	1.61	254	< 0.1
RRUF53	< 0.01	380	0.2	18	3.16	2.5	20.9	< 0.01	< 0.2	4.51	4660	0.2	1.33	344	< 0.1
RRUF54	< 0.01	730	0.3	21	4.72	3.1	30.1	< 0.01	< 0.2	5.61	3110	0.2	2.51	298	< 0.1
RRUF55	< 0.01	800	0.2	28	4.57	2.5	27.5	< 0.01	< 0.2	4.11	3270	0.2	2.22	332	< 0.1
RRUF56	< 0.01	855	0.2	24	4.43	2.6	31.2	< 0.01	< 0.2	4.33	2680	0.2	2.35	306	< 0.1
RRUF57	< 0.01	880	0.3	26	5.13	2.9	29.1	< 0.01	< 0.2	5.01	2830	0.2	2.48	311	< 0.1
RRUF58	< 0.01	821	0.5	21	4.58	3.7	38.7	< 0.01	< 0.2	7.67	2340	0.3	3.03	288	< 0.1
RRUF59	< 0.01	751	0.3	30	4.56	2.6	31.5	< 0.01	< 0.2	4.55	3300	0.2	2.01	333	< 0.1
RRUF60	< 0.01	513	0.2	37	3.01	2.3	28.6	< 0.01	< 0.2	3.82	4170	0.2	1.23	343	< 0.1
RRUF61	< 0.01	446	0.2	34	2.45	1.3	27.1	< 0.01	< 0.2	2.52	1830	0.3	1.15	262	< 0.1
RRUF62	< 0.01	677	0.1	21	1.47	0.6	65.7	< 0.01	< 0.2	1.39	1900	0.1	0.77	121	< 0.1
RRUF63	< 0.01	390	0.4	6	0.98	1.5	28.6	< 0.01	< 0.2	2.01	514	0.3	0.41	101	< 0.1
RRUF64	< 0.01	337	0.7	8	1.39	1.2	31.3	< 0.01	< 0.2	1.14	722	0.1	1.21	154	< 0.1
RRUF65	< 0.01	473	0.2	3	0.94	0.8	14.4	< 0.01	< 0.2	1.09	1410	< 0.1	0.56	86	< 0.1
RRUF66	< 0.01	557	0.3	4	0.36	0.6	21.6	< 0.01	< 0.2	1.04	1490	0.2	0.39	59	< 0.1
RRUF67	< 0.01	682	0.2	27	4.06	2.1	23.9	< 0.01	< 0.2	3.47	3090	0.2	1.63	302	< 0.1
RRUF68	< 0.01	692	0.2	31	4.28	2.3	26.8	< 0.01	< 0.2	3.73	3920	0.2	1.85	327	< 0.1
RRUF69	< 0.01	730	0.2	25	4.01	2.5	27.1	< 0.01	< 0.2	4.62	3610	0.2	2.43	319	< 0.1
RRUF70	< 0.01	500	0.2	27	2.76	1.7	13.1	< 0.01	< 0.2	2.66	4670	< 0.1	1.20	279	< 0.1
RRUF71	< 0.01	385	0.6	13	2.00	1.6	24.9	< 0.01	< 0.2	2.08	976	0.1	0.52	188	< 0.1
RRUF72	< 0.01	547	0.6	13	2.35	1.8	19.0	< 0.01	< 0.2	2.08	1160	0.1	0.77	190	< 0.1
RRUF73	< 0.01	545	0.4	6	2.15	1.1	23.3	< 0.01	< 0.2	1.22	1000	< 0.1	0.67	135	< 0.1
RRUF74	< 0.01	795	0.5	22	2.11	1.0	31.9	< 0.01	< 0.2	1.15	2610	0.1	0.92	195	< 0.1
RRUF75	< 0.01	660	< 0.1	16	1.74	0.6	18.9	< 0.01	< 0.2	0.61	2970	< 0.1	0.61	177	< 0.1
RRUF76	< 0.01	1000	0.2	26	3.59	1.9	34.8	< 0.01	< 0.2	2.89	2400	0.1	1.62	277	< 0.1
RRUF77	< 0.01	652	0.2	37	5.21	2.4	18.7	< 0.01	< 0.2	3.78	2540	0.1	1.55	359	< 0.1

**Analytical Report**

Element	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	50	0.1	1	0.05	0.2	0.1	0.01	0.2	0.02	10	0.1	0.02	2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF78	< 0.01	491	0.2	43	3.96	2.0	16.1	< 0.01	< 0.2	3.47	3470	0.1	1.21	374	< 0.1
RRUF79	< 0.01	540	0.3	29	2.97	2.3	37.1	0.01	< 0.2	4.87	2960	0.2	1.75	336	< 0.1
RRUF80	< 0.01	500	0.2	23	3.27	2.3	26.2	0.01	< 0.2	4.32	3210	0.2	1.65	324	< 0.1
RRUF81	< 0.01	543	0.2	29	2.73	1.7	24.7	< 0.01	< 0.2	2.10	3160	0.1	1.04	337	< 0.1
RRUF82	< 0.01	489	0.1	31	2.53	1.7	19.4	0.01	< 0.2	2.21	3500	0.2	1.23	351	< 0.1
RRUF83	< 0.01	600	0.2	25	2.62	1.9	18.3	< 0.01	< 0.2	2.71	3560	0.1	1.47	316	< 0.1
RRUF84	< 0.01	422	0.1	31	2.28	1.6	10.6	< 0.01	< 0.2	1.94	4360	0.1	0.98	345	< 0.1
RRUF85	< 0.01	245	0.3	3	0.75	0.7	10.2	< 0.01	< 0.2	0.93	844	< 0.1	0.47	76	< 0.1
RRUF86	< 0.01	635	0.7	8	2.03	1.3	20.8	< 0.01	< 0.2	1.38	699	0.1	1.23	147	< 0.1
RRUF87	< 0.01	514	0.8	4	1.21	1.0	19.3	< 0.01	< 0.2	0.81	591	0.2	1.04	87	< 0.1
RRUF88	< 0.01	457	1.0	3	0.53	0.9	21.6	< 0.01	< 0.2	1.21	318	0.2	0.83	70	0.1
RRUF89	< 0.01	351	0.2	6	0.77	1.5	20.1	< 0.01	< 0.2	1.77	4050	< 0.1	1.17	133	< 0.1
RRUF90	< 0.01	431	0.3	32	3.28	2.2	26.2	0.01	< 0.2	4.36	2800	0.2	1.57	323	< 0.1
RRUF91	< 0.01	522	0.2	34	2.16	1.5	15.9	< 0.01	< 0.2	1.74	3820	< 0.1	0.88	303	< 0.1
RRUF92	< 0.01	449	0.2	49	3.90	2.0	14.9	< 0.01	< 0.2	3.66	3900	0.1	1.13	393	< 0.1
RRUF93	< 0.01	459	0.3	29	4.53	2.8	30.1	0.01	< 0.2	6.11	3550	0.2	2.06	343	< 0.1
RRUF94	< 0.01	421	0.1	27	1.97	1.6	15.3	< 0.01	< 0.2	2.20	3980	< 0.1	1.07	361	< 0.1
RRUF95	< 0.01	307	< 0.1	40	2.83	1.7	9.5	< 0.01	< 0.2	2.15	3880	0.1	0.67	401	< 0.1
RRUF96	< 0.01	259	< 0.1	36	1.92	1.4	15.6	< 0.01	< 0.2	1.62	3320	0.1	0.53	333	< 0.1
RRUF97	< 0.01	488	< 0.1	34	2.13	1.4	21.8	< 0.01	< 0.2	1.40	4040	0.1	0.72	328	< 0.1
RRUF98	< 0.01	440	0.1	32	2.23	1.6	15.5	< 0.01	< 0.2	2.01	4120	< 0.1	0.73	316	< 0.1
RRUF99	< 0.01	364	0.1	48	3.29	1.9	9.4	< 0.01	< 0.2	2.66	4710	< 0.1	0.85	386	< 0.1
RRUF100	< 0.01	869	0.5	4	1.69	0.8	64.0	< 0.01	< 0.2	1.30	1380	< 0.1	1.06	117	< 0.1
RRUF101	< 0.01	376	0.7	8	1.06	1.2	48.4	< 0.01	< 0.2	1.08	1000	< 0.1	1.71	168	0.1
RRUF102	< 0.01	256	1.7	5	1.29	1.3	17.5	< 0.01	< 0.2	1.56	288	0.2	0.49	118	0.1
RRUF103	< 0.01	288	1.3	4	1.32	1.8	41.6	< 0.01	< 0.2	3.11	230	0.4	0.57	120	0.2
RRUF104	< 0.01	193	0.6	8	1.51	1.9	20.5	< 0.01	< 0.2	2.94	5450	0.2	1.81	130	< 0.1
RRUF105	< 0.01	353	0.2	24	1.54	1.6	13.9	< 0.01	< 0.2	1.47	3590	0.1	0.50	335	< 0.1
RRUF106	< 0.01	700	1.8	4	1.39	0.9	81.3	< 0.01	< 0.2	1.63	800	< 0.1	1.06	66	0.2
RRUF107	< 0.01	781	0.7	6	1.76	0.9	141	< 0.01	< 0.2	1.09	699	< 0.1	1.45	161	< 0.1
RRUF108	< 0.01	164	1.7	7	2.82	2.1	14.4	< 0.01	< 0.2	3.05	533	0.2	0.68	175	< 0.1
RRUF109	< 0.01	428	0.3	22	4.20	2.0	20.6	0.01	< 0.2	3.11	2770	0.1	1.09	340	< 0.1
RRUF110	< 0.01	356	0.1	33	1.98	1.6	18.1	0.01	< 0.2	2.28	5120	0.1	0.98	326	< 0.1
RRUF111	< 0.01	264	< 0.1	75	1.77	1.3	37.0	0.01	< 0.2	1.17	7180	< 0.1	0.43	400	< 0.1
RRUF112	< 0.01	370	< 0.1	36	1.48	1.1	53.1	0.01	< 0.2	1.58	5690	< 0.1	0.44	267	< 0.1
RRUF113	< 0.01	748	0.1	28	2.13	1.3	30.7	0.01	< 0.2	1.19	6200	< 0.1	0.53	286	< 0.1
RRUF114	< 0.01	581	< 0.1	26	1.47	1.0	37.7	< 0.01	< 0.2	0.98	5400	< 0.1	0.31	260	< 0.1
RRUF115	< 0.01	602	0.2	20	1.88	1.3	19.9	< 0.01	< 0.2	1.92	4050	0.3	0.53	239	< 0.1
RRUF116	< 0.01	730	0.2	32	2.07	1.6	22.4	0.01	< 0.2	2.08	4200	0.1	1.52	273	< 0.1

**Analytical Report**

Element	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V	W
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DL	0.01	50	0.1	1	0.05	0.2	0.1	0.01	0.2	0.02	10	0.1	0.02	2	0.1
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR	UFF_MAR
Method	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002	T-AP-002
RRUF117	< 0.01	662	0.4	4	0.34	0.8	19.8	< 0.01	< 0.2	1.65	2220	0.1	0.70	62	< 0.1
RRUF118	< 0.01	790	0.2	23	3.98	2.0	26.4	< 0.01	< 0.2	4.78	3060	0.3	2.03	263	< 0.1
RRUF119	< 0.01	819	0.2	29	4.82	2.2	25.8	< 0.01	< 0.2	4.52	3390	0.2	2.08	305	< 0.1
RRUF120	< 0.01	612	0.3	4	0.35	0.5	20.2	< 0.01	< 0.2	1.02	1400	0.1	0.39	63	< 0.1
RRUF121	< 0.01	641	0.3	30	4.06	1.9	18.6	0.01	< 0.2	3.16	2670	0.1	1.33	282	< 0.1
RRUF122	< 0.01	503	0.9	3	0.55	1.1	22.2	< 0.01	< 0.2	1.53	519	0.2	0.82	79	0.1
RRUF123	< 0.01	400	0.2	45	3.31	1.8	10.3	< 0.01	< 0.2	2.75	4450	< 0.1	0.84	359	< 0.1
RRUF124	< 0.01	281	0.1	65	1.80	1.3	34.1	0.01	< 0.2	1.19	6700	< 0.1	0.42	341	< 0.1

**Analytical Report**

Element	Y	Zn	Zr	EC	pH
Units	ppm	ppm	ppm	uS/cm	%
DL	0.05	0.2	1	0.01	0.01
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_PH_EC	UFF_PH_EC
Method	T-AP-002	T-AP-002	T-AP-002		
RRUF1	2.68	58.9	4	29.99	5.84
RRUF2	2.03	48.0	11	43.97	5.59
RRUF3	1.82	10.9	< 1	42.11	5.58
RRUF4	15.3	195	2	26.65	5.59
RRUF5	2.56	47.8	2	34.66	5.57
RRUF6	1.55	63.1	1	45.15	5.57
RRUF7	1.89	57.1	1	20.39	5.89
RRUF8	2.27	66.6	9	30.66	5.75
RRUF9	2.64	40.6	40	41.54	5.69
RRUF10	4.90	54.1	26	38.25	5.67
RRUF11	2.24	46.9	9	70.47	5.19
RRUF12	1.40	45.1	21	22.32	5.53
RRUF13	1.85	43.1	16	20.59	5.63
RRUF14	6.17	68.9	10	50.77	5.65
RRUF15	1.85	39.5	3	23.44	5.94
RRUF16	2.09	24.8	1	30.83	5.63
RRUF17	2.76	31.6	3	60.99	5.39
RRUF18	1.80	13.3	2	57.26	5.30
RRUF19	2.09	57.6	1	36.59	5.80
RRUF20	3.69	69.4	< 1	51.22	5.32
RRUF21	3.88	75.0	4	27.94	5.61
RRUF22	2.69	65.1	7	26.27	5.57
RRUF23	2.87	59.1	8	26.24	5.67
RRUF24	3.30	63.1	6	23.96	5.88
RRUF25	1.69	45.3	16	22.22	6.03
RRUF26	1.87	51.1	13	25.27	6.15
RRUF27	2.40	45.1	5	33.16	5.93
RRUF28	1.65	50.8	11	27.24	6.05
RRUF29	1.82	54.5	7	28.74	5.92
RRUF30	2.36	52.7	8	38.38	5.85
RRUF31	1.66	59.4	14	59.22	5.75
RRUF32	1.80	42.6	10	59.62	5.65
RRUF33	2.13	26.2	2	196.9	5.55
RRUF34	3.55	65.5	6	36.04	5.94
RRUF35	1.90	32.7	2	84.92	4.96
RRUF36	4.27	17.2	4	183.7	4.61
RRUF37	1.40	26.4	< 1	63.36	4.82
RRUF38	2.31	44.4	4	55.08	5.06

**Analytical Report**

Element	Y	Zn	Zr	EC	pH
Units	ppm	ppm	ppm	uS/cm	%
DL	0.05	0.2	1	0.01	0.01
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_PH_EC	UFF_PH_EC
Method	T-AP-002	T-AP-002	T-AP-002		
RRUF39	2.31	31.3	16	48.18	5.19
RRUF40	2.81	62.8	5	32.73	5.02
RRUF41	4.13	72.0	7	30.93	5.27
RRUF42	3.75	85.6	9	33.80	5.30
RRUF43	4.43	82.8	6	43.61	5.46
RRUF44	3.22	77.0	7	52.97	5.33
RRUF45	2.32	68.3	7	32.17	5.44
RRUF46	3.64	83.6	9	34.37	5.46
RRUF47	3.39	83.9	7	43.42	5.34
RRUF48	3.43	86.4	11	69.43	5.27
RRUF49	3.69	82.3	10	32.24	5.40
RRUF50	2.36	67.0	10	40.74	5.30
RRUF51	1.95	52.5	18	43.76	5.46
RRUF52	2.00	54.5	7	49.42	5.50
RRUF53	1.37	39.8	32	38.66	5.48
RRUF54	2.32	68.1	10	49.66	5.40
RRUF55	2.70	75.7	7	37.69	5.52
RRUF56	2.99	77.7	8	46.01	5.47
RRUF57	3.35	90.3	10	31.76	5.46
RRUF58	3.50	99.8	11	32.17	5.46
RRUF59	3.92	80.7	8	36.17	5.49
RRUF60	2.39	63.3	13	79.37	5.38
RRUF61	2.62	40.5	6	37.01	5.42
RRUF62	2.91	60.0	1	33.97	5.47
RRUF63	1.13	30.4	2	38.52	5.13
RRUF64	2.15	16.9	1	33.00	5.27
RRUF65	1.64	12.4	2	31.47	5.52
RRUF66	1.82	24.9	3	297.5	5.19
RRUF67	2.19	58.5	10	37.49	5.58
RRUF68	2.71	58.7	10	189.3	5.17
RRUF69	2.43	57.0	10	45.30	5.39
RRUF70	1.34	42.5	23	22.79	5.61
RRUF71	3.14	65.0	4	26.37	5.51
RRUF72	2.91	62.3	3	29.97	5.47
RRUF73	1.86	65.0	1	27.45	5.42
RRUF74	2.47	68.4	3	34.21	5.42
RRUF75	3.72	77.8	2	31.64	5.52
RRUF76	4.96	87.2	6	170.5	5.08
RRUF77	3.11	68.3	11	49.35	5.24

**Analytical Report**

Element	Y	Zn	Zr	EC	pH
Units	ppm	ppm	ppm	uS/cm	%
DL	0.05	0.2	1	0.01	0.01
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_PH_EC	UFF_PH_EC
Method	T-AP-002	T-AP-002	T-AP-002		
RRUF78	2.30	54.7	15	36.74	5.36
RRUF79	2.02	56.3	13	75.94	5.27
RRUF80	2.56	53.8	17	27.78	5.40
RRUF81	2.13	54.9	9	30.79	5.34
RRUF82	1.95	52.0	10	38.89	5.31
RRUF83	1.59	44.1	12	33.01	5.34
RRUF84	1.53	40.3	20	23.72	5.37
RRUF85	0.86	24.4	1	33.97	5.32
RRUF86	1.75	51.0	2	31.44	5.31
RRUF87	1.42	37.4	< 1	33.28	5.18
RRUF88	1.32	14.4	< 1	38.38	5.11
RRUF89	1.70	43.8	8	24.04	5.34
RRUF90	2.80	65.6	16	30.55	5.23
RRUF91	2.30	53.7	13	53.55	5.17
RRUF92	2.43	51.5	20	28.44	5.23
RRUF93	3.58	56.2	14	34.10	5.30
RRUF94	1.75	41.4	24	39.63	5.21
RRUF95	1.49	40.6	33	34.93	5.38
RRUF96	1.53	39.7	20	53.98	5.25
RRUF97	1.60	47.9	12	23.48	5.34
RRUF98	1.22	38.4	29	57.44	5.15
RRUF99	1.52	32.4	43	32.45	5.27
RRUF100	2.05	24.9	1	156.1	4.96
RRUF101	3.13	24.2	2	86.54	4.95
RRUF102	1.83	14.2	1	27.22	5.15
RRUF103	2.31	18.9	2	23.67	5.08
RRUF104	1.34	39.7	12	56.57	5.03
RRUF105	1.53	40.7	23	76.06	5.02
RRUF106	4.50	16.4	3	63.91	5.21
RRUF107	3.48	19.9	2	57.01	4.88
RRUF108	1.43	16.2	8	36.45	5.04
RRUF109	1.70	52.8	13	72.74	5.02
RRUF110	3.55	104	25	42.76	5.04
RRUF111	36.2	146	19	60.00	5.27
RRUF112	15.2	103	15	43.21	5.07
RRUF113	4.45	169	5	102.9	5.07
RRUF114	4.43	88.7	11	64.52	5.23
RRUF115	1.88	50.2	11	70.74	4.91
RRUF116	2.24	65.6	10	35.02	5.30



**Analytical Report**

Element	Y	Zn	Zr	EC	pH
Units	ppm	ppm	ppm	uS/cm	%
DL	0.05	0.2	1	0.01	0.01
ClientID\Scheme	UFF_MAR	UFF_MAR	UFF_MAR	UFF_PH_EC	UFF_PH_EC
Method	T-AP-002	T-AP-002	T-AP-002		
RRUF117	2.19	24.6	5	191.7	4.96
RRUF118	3.18	70.1	8	54.19	5.31
RRUF119	2.78	72.2	8	45.02	5.69
RRUF120	1.80	25.6	3	300.2	5.20
RRUF121	2.55	61.2	9	55.62	5.21
RRUF122	1.33	14.6	2	39.20	5.30
RRUF123	1.51	33.7	39	32.05	5.52
RRUF124	27.4	137	20	60.60	5.46