



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Submitted By: Shawn Ryan
Receiving Lab: Canada-Vancouver
Received: November 04, 2009
Report Date: November 23, 2009
Page: 1 of 6

CERTIFICATE OF ANALYSIS

VAN09005413.1

CLIENT JOB INFORMATION

Project: RFX
Shipment ID: RFX1
P.O. Number
Number of Samples: 136

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Underworld Resources, Inc.
1500 - 409 Granville Street
Vancouver BC V6C 1T2
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	136	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	136	Dry at 60C			VAN
1DX15	136	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
RFX 65462	Soil	0.8	36.8	15.8	56	0.1	25.1	11.1	216	3.24	7.1	0.7	2.9	2.3	22	<0.1	0.4	0.2	69	0.29	0.060
RFX 65463	Soil	1.1	26.9	15.0	61	<0.1	23.6	15.2	658	3.70	9.9	0.7	1.7	3.0	19	0.1	0.5	0.2	76	0.28	0.062
RFX 65706	Soil	1.1	37.2	6.3	66	<0.1	21.3	14.9	454	3.74	6.2	0.5	2.1	1.9	21	<0.1	0.3	0.1	91	0.38	0.067
RFX 65707	Soil	1.0	52.6	7.9	92	<0.1	23.7	17.9	509	4.15	7.6	0.6	2.9	3.1	25	0.1	0.3	0.2	90	0.31	0.057
RFX 65708	Soil	1.0	32.8	11.1	77	<0.1	22.5	16.7	526	3.52	7.8	0.5	2.1	2.4	21	0.2	0.4	0.2	80	0.29	0.066
RFX 65874	Soil	0.6	38.2	22.1	54	<0.1	29.3	13.7	404	2.87	7.3	0.8	2.4	3.0	21	0.1	0.3	0.2	63	0.34	0.064
RFX 65875	Soil	0.7	34.7	11.6	72	<0.1	25.5	15.8	503	3.29	5.9	0.7	5.3	3.2	25	0.1	0.3	0.1	70	0.43	0.080
RFX 65876	Soil	0.8	35.9	9.1	66	<0.1	20.8	13.3	269	3.20	6.9	0.8	3.7	2.8	23	<0.1	0.4	0.2	73	0.29	0.068
RFX 65877	Soil	0.5	47.0	8.3	75	<0.1	27.2	18.6	545	3.67	5.6	0.6	2.2	3.1	26	0.1	0.3	0.1	73	0.42	0.090
RFX 65878	Soil	1.4	57.9	23.8	82	0.1	24.0	31.0	1355	5.76	278.0	2.7	0.6	6.5	21	0.1	6.0	0.1	75	0.50	0.117
RFX 65879	Soil	0.8	31.3	21.4	68	<0.1	31.1	13.5	515	3.08	9.3	1.1	2.8	4.5	24	0.2	0.5	0.2	61	0.33	0.070
RFX 65880	Soil	1.2	22.8	16.4	63	<0.1	28.2	14.9	482	3.41	10.4	0.8	3.5	3.7	20	0.2	0.5	0.2	67	0.23	0.054
RFX 65881	Soil	1.5	42.3	9.6	57	0.1	22.7	13.7	418	3.30	7.0	0.9	8.8	1.4	21	0.2	0.3	0.2	80	0.25	0.051
RFX 65882	Soil	1.0	30.2	14.0	52	<0.1	29.5	19.2	718	3.39	7.8	0.5	0.6	3.1	14	0.1	0.4	0.2	76	0.21	0.038
RFX 65883	Soil	0.8	37.9	19.2	45	<0.1	29.5	15.2	405	2.82	6.8	0.6	1.5	2.8	21	0.1	0.3	0.2	68	0.30	0.039
RFX 65884	Soil	1.4	21.5	14.8	50	0.1	19.7	11.6	416	3.78	7.5	0.4	0.9	1.5	18	0.2	0.5	0.2	92	0.18	0.057
RFX 65885	Soil	0.8	39.2	7.1	64	<0.1	23.1	12.5	390	3.13	7.5	0.6	3.2	2.8	22	0.1	0.4	0.1	65	0.30	0.069
RFX 65886	Soil	1.2	25.9	7.7	62	<0.1	18.8	11.3	323	3.80	9.9	0.5	1.5	2.1	17	0.2	0.4	0.2	97	0.28	0.062
RFX 65887	Soil	0.8	27.1	7.6	75	0.2	19.1	17.4	585	3.75	6.6	0.6	2.7	2.3	22	0.1	0.4	0.1	79	0.37	0.073
RFX 65888	Soil	0.8	23.1	11.3	59	<0.1	20.7	10.7	237	2.58	5.8	0.8	2.8	2.0	20	0.1	0.3	0.1	59	0.28	0.074
RFX 65889	Soil	0.6	24.8	15.9	55	<0.1	21.7	13.7	524	2.39	4.5	0.8	2.2	1.9	31	0.2	0.3	0.2	60	0.64	0.070
RFX 65890	Soil	0.8	31.2	39.6	73	0.1	27.4	17.6	705	3.08	6.9	0.8	1.9	3.3	22	0.3	0.4	0.2	61	0.45	0.065
RFX 65891	Soil	0.8	25.3	9.0	74	<0.1	25.4	14.9	675	2.98	5.2	0.8	1.9	2.4	31	0.1	0.3	0.1	66	0.55	0.073
RFX 65892	Soil	0.6	26.9	10.7	61	<0.1	23.8	12.0	267	2.62	5.1	0.7	7.0	1.9	26	0.2	0.3	0.2	59	0.35	0.077
RFX 65893	Soil	0.9	35.9	19.0	53	0.2	27.1	13.5	352	2.97	7.8	0.9	3.5	2.3	21	<0.1	0.3	0.2	71	0.32	0.054
RFX 65917	Soil	0.6	40.5	7.3	64	<0.1	21.7	16.0	306	3.41	7.5	0.8	1.6	2.3	18	0.1	0.3	0.1	80	0.27	0.044
RFX 65918	Soil	1.4	44.0	11.6	110	<0.1	19.4	14.7	741	4.06	36.8	1.0	3.4	2.9	27	0.3	0.4	0.2	89	0.24	0.088
RFX 65919	Soil	1.4	25.4	13.8	35	0.1	13.4	6.3	202	2.30	5.5	0.5	3.8	1.4	15	0.1	0.6	0.3	81	0.15	0.043
RFX 65920	Soil	0.7	39.3	32.6	45	<0.1	28.0	16.9	427	2.86	4.9	0.4	2.4	1.7	20	0.1	0.2	0.3	65	0.27	0.045
RFX 65921	Soil	1.1	41.8	28.1	57	<0.1	30.8	14.3	409	3.41	8.5	0.9	2.5	2.3	19	0.1	0.4	0.3	70	0.23	0.050



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RFX 65462	Soil	12	45	0.77	194	0.105	<1	2.09	0.013	0.07	0.1	0.04	4.3	0.1	<0.05	6	<0.5
RFX 65463	Soil	12	42	0.68	157	0.075	<1	2.39	0.015	0.06	0.2	0.03	4.4	<0.1	<0.05	6	<0.5
RFX 65706	Soil	9	32	1.03	224	0.118	<1	2.35	0.019	0.08	0.1	0.03	4.9	<0.1	<0.05	7	<0.5
RFX 65707	Soil	11	39	1.04	231	0.138	<1	2.49	0.016	0.13	0.1	0.02	5.3	<0.1	<0.05	7	0.6
RFX 65708	Soil	9	38	0.87	155	0.123	<1	2.06	0.012	0.13	0.1	0.02	3.3	<0.1	<0.05	7	<0.5
RFX 65874	Soil	13	40	0.71	186	0.091	<1	1.80	0.015	0.05	0.1	0.02	3.8	<0.1	<0.05	5	<0.5
RFX 65875	Soil	15	42	0.83	234	0.156	<1	1.91	0.018	0.12	0.2	0.01	3.5	<0.1	<0.05	6	<0.5
RFX 65876	Soil	12	36	0.83	342	0.113	<1	2.22	0.015	0.08	<0.1	0.03	4.3	0.1	<0.05	6	0.6
RFX 65877	Soil	13	44	1.06	229	0.118	<1	2.13	0.015	0.12	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
RFX 65878	Soil	38	17	0.15	444	0.003	1	0.65	0.005	0.09	<0.1	0.50	22.1	0.3	<0.05	2	0.8
RFX 65879	Soil	19	33	0.62	447	0.079	2	2.18	0.013	0.08	0.2	0.02	4.1	<0.1	<0.05	5	<0.5
RFX 65880	Soil	11	33	0.64	204	0.079	1	2.34	0.012	0.07	0.1	0.03	3.2	0.1	<0.05	6	0.6
RFX 65881	Soil	11	45	0.87	219	0.133	<1	1.92	0.014	0.17	<0.1	0.02	2.8	<0.1	<0.05	7	<0.5
RFX 65882	Soil	8	57	0.85	123	0.138	<1	2.27	0.018	0.11	<0.1	0.02	3.1	<0.1	<0.05	7	<0.5
RFX 65883	Soil	9	51	0.89	153	0.133	<1	2.27	0.016	0.09	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5
RFX 65884	Soil	6	41	0.65	113	0.147	<1	1.83	0.013	0.10	0.1	0.03	2.4	<0.1	<0.05	8	<0.5
RFX 65885	Soil	11	33	0.84	204	0.118	1	2.25	0.015	0.16	0.1	0.02	3.8	0.1	<0.05	6	<0.5
RFX 65886	Soil	9	30	0.84	149	0.131	9	2.22	0.016	0.12	0.1	0.02	3.6	<0.1	<0.05	8	0.5
RFX 65887	Soil	10	30	0.82	245	0.105	1	2.21	0.021	0.08	0.1	0.05	6.3	<0.1	<0.05	6	<0.5
RFX 65888	Soil	11	34	0.64	183	0.077	1	1.97	0.014	0.04	0.2	0.04	3.1	<0.1	<0.05	5	<0.5
RFX 65889	Soil	10	38	0.66	224	0.073	<1	1.81	0.020	0.04	<0.1	0.03	4.1	<0.1	0.05	5	<0.5
RFX 65890	Soil	12	45	0.76	211	0.089	<1	1.94	0.017	0.06	0.1	0.03	5.5	<0.1	<0.05	5	0.5
RFX 65891	Soil	11	44	0.87	255	0.074	1	2.08	0.019	0.05	0.2	0.03	5.7	<0.1	<0.05	6	0.5
RFX 65892	Soil	12	37	0.73	201	0.080	2	2.11	0.015	0.06	0.1	0.03	4.1	0.1	<0.05	6	<0.5
RFX 65893	Soil	13	48	0.70	201	0.080	<1	2.30	0.014	0.06	<0.1	0.04	4.9	0.1	<0.05	6	<0.5
RFX 65917	Soil	11	33	0.96	211	0.122	<1	2.27	0.015	0.16	0.1	0.02	4.6	0.1	<0.05	6	0.5
RFX 65918	Soil	12	29	1.04	268	0.156	<1	2.37	0.013	0.38	<0.1	0.02	3.9	0.1	0.10	8	<0.5
RFX 65919	Soil	7	30	0.30	82	0.097	<1	1.20	0.014	0.03	0.1	0.03	2.0	<0.1	0.06	8	<0.5
RFX 65920	Soil	7	56	1.03	129	0.148	<1	1.81	0.017	0.14	<0.1	0.01	2.4	0.1	<0.05	6	<0.5
RFX 65921	Soil	10	57	0.81	146	0.119	1	2.04	0.014	0.09	0.1	0.02	3.0	0.1	<0.05	7	<0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
RFX 68161	Soil	0.9	45.9	7.1	78	0.1	20.0	17.1	433	4.18	6.1	0.6	4.2	2.1	22	0.1	0.4	0.1	100	0.31	0.067
RFX 79251	Soil	0.7	37.2	8.2	57	0.1	17.3	13.3	424	2.77	4.8	0.6	1.8	1.3	30	0.2	0.3	0.1	67	0.45	0.055
RFX 79252	Soil	0.9	15.7	5.9	25	<0.1	6.5	3.2	117	1.25	3.1	0.3	0.9	0.2	12	0.1	0.2	0.1	32	0.11	0.041
RFX 79253	Soil	0.7	48.3	7.6	65	0.1	22.7	13.1	291	2.97	6.6	0.6	3.1	2.2	31	<0.1	0.4	0.1	68	0.46	0.086
RFX 79254	Soil	0.6	25.2	6.2	55	<0.1	19.9	11.2	351	2.63	5.8	0.5	2.1	1.9	28	0.1	0.4	0.1	69	0.47	0.069
RFX 79255	Soil	0.7	52.2	9.4	69	0.2	21.1	14.5	453	3.37	6.5	0.7	3.4	2.4	30	0.2	0.5	0.2	81	0.55	0.056
RFX 79256	Soil	0.4	48.2	13.9	68	0.1	21.6	15.2	553	3.31	6.4	0.9	2.8	2.1	40	0.2	0.6	0.2	84	0.71	0.055
RFX 79257	Soil	0.7	49.2	8.4	87	<0.1	20.0	20.7	1120	4.59	8.1	0.7	*	2.0	34	0.2	0.6	0.1	113	0.56	0.073
RFX 79258	Soil	0.8	30.4	6.8	76	<0.1	17.0	19.3	594	3.88	5.6	0.5	1.4	1.4	27	0.2	0.4	0.1	97	0.42	0.064
RFX 79259	Soil	0.6	18.9	8.3	66	<0.1	17.7	9.7	212	2.90	7.8	0.5	1.6	2.1	22	0.1	0.3	0.1	65	0.29	0.055
RFX 79260	Soil	0.5	20.3	8.6	58	<0.1	16.8	8.1	190	2.42	5.1	0.7	2.6	1.4	24	0.2	0.3	0.1	51	0.31	0.060
RFX 79261	Soil	0.8	16.1	8.0	50	<0.1	15.3	7.2	175	2.28	6.0	0.7	2.5	1.0	22	0.1	0.3	0.1	54	0.30	0.063
RFX 79262	Soil	0.6	17.4	11.5	70	0.1	15.6	9.0	262	2.63	5.0	0.8	1.4	1.5	27	0.1	0.3	0.1	62	0.39	0.057
RFX 79263	Soil	0.6	15.5	11.7	56	0.1	15.8	7.0	192	2.16	5.5	0.6	4.9	1.1	22	0.2	0.2	0.2	52	0.30	0.066
RFX 79264	Soil	0.3	14.8	10.2	60	<0.1	14.5	6.1	146	1.92	3.9	0.5	1.5	1.0	23	0.1	0.3	0.1	35	0.31	0.054
RFX 79265	Soil	0.6	15.3	13.6	78	<0.1	16.2	8.9	232	2.40	4.0	0.6	9.1	1.7	25	0.1	0.2	0.2	52	0.29	0.059
RFX 79266	Soil	0.3	11.0	9.4	47	<0.1	12.4	4.9	134	1.69	3.2	0.8	7.7	1.7	19	0.2	0.2	0.1	30	0.23	0.051
RFX 79267	Soil	0.5	14.0	15.7	57	<0.1	14.6	6.2	164	2.25	4.2	1.0	2.9	1.6	22	0.2	0.2	0.2	38	0.22	0.063
RFX 79268	Soil	0.4	13.9	16.0	53	<0.1	14.9	6.2	154	2.04	3.6	0.8	3.8	1.6	22	0.2	0.2	0.2	39	0.26	0.056
RFX 79269	Soil	1.1	30.4	14.6	127	<0.1	11.0	11.8	939	4.70	297.7	1.2	1.1	2.5	27	0.3	0.4	0.1	82	0.38	0.084
RFX 79270	Soil	0.6	35.3	17.0	71	0.1	17.0	11.6	316	3.18	5.7	0.6	2.2	1.6	27	0.2	0.3	0.2	86	0.38	0.053
RFX 79271	Soil	0.5	33.7	14.3	68	0.2	16.9	9.1	253	2.66	5.2	0.8	1.0	1.4	27	0.2	0.2	0.2	67	0.30	0.058
RFX 79272	Soil	1.0	56.5	12.7	57	0.3	13.7	10.4	254	2.69	7.6	0.8	0.8	1.2	28	0.2	0.3	0.2	67	0.29	0.060
RFX 79273	Soil	1.4	43.2	15.3	52	0.2	16.5	10.8	256	2.58	10.0	0.6	2.1	1.4	26	<0.1	0.3	0.2	65	0.31	0.054
RFX 79274	Soil	0.8	34.5	11.8	57	<0.1	16.2	11.1	268	2.55	8.3	0.5	1.3	1.5	26	0.1	0.3	0.2	68	0.32	0.064
RFX 79275	Soil	0.5	25.2	14.5	54	0.1	16.0	8.5	177	2.19	6.1	0.6	4.2	1.7	28	0.1	0.3	0.2	54	0.33	0.062
RFX 79276	Soil	0.5	17.9	12.1	45	<0.1	12.1	6.4	151	1.93	4.5	0.5	4.9	0.8	21	0.1	0.3	0.2	49	0.28	0.064
RFX 79277	Soil	0.8	24.9	8.1	27	0.2	7.7	3.9	90	1.79	3.6	0.7	0.7	0.3	24	0.2	0.2	0.1	27	0.26	0.099
RFX 79278	Soil	0.5	18.0	7.8	48	<0.1	11.0	6.0	141	1.95	3.7	0.5	1.7	0.7	22	0.1	0.2	0.1	40	0.25	0.063
RFX 79279	Soil	0.6	28.0	8.1	58	0.1	16.6	9.5	204	2.74	6.3	0.8	3.8	1.7	25	0.1	0.3	0.1	65	0.29	0.065



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RFX 68161	Soil	8	31	1.12	179	0.174	<1	2.45	0.020	0.19	<0.1	0.03	4.9	<0.1	<0.05	8	<0.5
RFX 79251	Soil	9	27	0.80	399	0.102	2	1.84	0.021	0.07	0.1	0.03	4.2	<0.1	0.05	6	<0.5
RFX 79252	Soil	4	12	0.18	73	0.047	<1	0.71	0.014	0.04	<0.1	0.03	0.9	<0.1	<0.05	4	<0.5
RFX 79253	Soil	11	31	0.78	251	0.092	<1	2.09	0.022	0.06	0.2	0.03	4.4	<0.1	0.06	6	<0.5
RFX 79254	Soil	8	30	0.78	183	0.120	<1	1.73	0.021	0.11	0.1	0.01	3.0	<0.1	<0.05	6	<0.5
RFX 79255	Soil	12	31	0.90	369	0.106	1	2.13	0.021	0.09	0.1	0.05	7.1	<0.1	<0.05	6	0.5
RFX 79256	Soil	12	34	0.89	280	0.092	<1	2.20	0.028	0.05	0.1	0.05	7.0	<0.1	<0.05	6	<0.5
RFX 79257	Soil	10	33	1.16	320	0.067	<1	2.48	0.019	0.06	0.1	0.05	8.9	<0.1	<0.05	9	<0.5
RFX 79258	Soil	7	29	1.04	227	0.090	<1	2.20	0.028	0.10	<0.1	0.02	6.0	<0.1	<0.05	7	0.5
RFX 79259	Soil	8	32	0.71	150	0.102	<1	1.89	0.015	0.07	0.1	0.03	3.3	<0.1	<0.05	6	<0.5
RFX 79260	Soil	9	31	0.62	168	0.087	<1	1.67	0.016	0.06	0.1	0.04	3.1	<0.1	0.06	6	0.6
RFX 79261	Soil	8	30	0.56	153	0.073	<1	1.41	0.016	0.04	0.2	0.04	2.4	<0.1	0.05	5	<0.5
RFX 79262	Soil	8	32	0.83	199	0.131	<1	1.79	0.018	0.08	0.1	0.04	3.1	<0.1	0.08	6	<0.5
RFX 79263	Soil	7	32	0.61	137	0.085	<1	1.57	0.016	0.05	<0.1	0.05	2.6	0.1	0.07	5	<0.5
RFX 79264	Soil	8	29	0.46	139	0.073	<1	1.38	0.016	0.04	<0.1	0.04	2.8	<0.1	0.07	5	0.6
RFX 79265	Soil	9	31	0.68	134	0.095	<1	1.74	0.021	0.06	0.1	0.03	3.0	<0.1	<0.05	6	<0.5
RFX 79266	Soil	12	24	0.44	108	0.085	<1	1.29	0.014	0.05	0.1	0.03	2.4	<0.1	<0.05	5	<0.5
RFX 79267	Soil	13	26	0.48	135	0.069	<1	1.39	0.015	0.04	0.1	0.03	2.8	<0.1	0.07	5	<0.5
RFX 79268	Soil	11	27	0.54	131	0.073	<1	1.51	0.014	0.04	0.1	0.02	2.6	<0.1	<0.05	5	<0.5
RFX 79269	Soil	17	18	1.16	229	0.044	<1	2.47	0.014	0.09	<0.1	0.01	7.8	<0.1	<0.05	12	<0.5
RFX 79270	Soil	9	32	0.94	196	0.151	1	1.97	0.025	0.08	0.1	0.02	4.5	<0.1	<0.05	7	<0.5
RFX 79271	Soil	11	32	0.87	378	0.168	<1	1.95	0.019	0.19	0.1	0.04	4.4	0.1	<0.05	7	<0.5
RFX 79272	Soil	9	24	0.71	224	0.137	<1	1.79	0.017	0.14	0.1	0.04	3.9	0.1	0.06	6	<0.5
RFX 79273	Soil	8	28	0.62	152	0.115	<1	1.81	0.016	0.06	0.1	0.04	3.3	<0.1	<0.05	6	0.6
RFX 79274	Soil	8	27	0.67	153	0.117	<1	1.76	0.018	0.07	0.1	0.03	3.3	<0.1	<0.05	6	0.6
RFX 79275	Soil	8	25	0.60	146	0.100	<1	1.60	0.021	0.05	0.2	0.03	3.4	<0.1	0.08	5	0.6
RFX 79276	Soil	7	23	0.50	120	0.080	<1	1.37	0.019	0.04	0.2	0.04	2.5	<0.1	0.06	4	<0.5
RFX 79277	Soil	6	15	0.26	145	0.044	<1	0.91	0.016	0.03	0.2	0.07	1.8	<0.1	0.13	3	0.6
RFX 79278	Soil	7	21	0.51	125	0.077	<1	1.40	0.017	0.05	0.1	0.04	2.5	<0.1	0.08	5	<0.5
RFX 79279	Soil	9	31	0.65	159	0.098	<1	1.96	0.017	0.06	0.1	0.04	3.8	<0.1	<0.05	6	0.5



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 1	% 0.01	ppm 0.5	ppm 0.1	ppb 0.5	ppm 0.1	ppm 1	ppm 0.1	ppm 0.1	ppm 0.1	ppm 2	% 0.01	% 0.001
RFX 79280	Soil	0.7	23.2	8.1	54	0.1	16.5	8.2	246	2.48	5.7	0.6	4.2	1.1	25	0.2	0.3	0.2	63	0.29	0.068
RFX 79281	Soil	0.6	28.5	8.2	58	<0.1	21.0	11.4	338	2.80	6.1	0.7	1.6	2.1	27	0.2	0.4	0.2	71	0.34	0.057
RFX 79282	Soil	0.5	27.2	8.1	56	0.1	17.0	9.4	196	2.67	6.2	0.8	2.1	1.7	24	0.1	0.3	0.1	63	0.29	0.068
RFX 79283	Soil	0.8	27.6	7.9	48	0.2	16.7	7.7	220	2.36	4.9	0.9	1.1	1.2	20	0.2	0.3	0.2	62	0.19	0.044
RFX 79284	Soil	0.6	16.7	6.8	60	<0.1	21.6	11.6	387	2.33	5.8	0.4	0.9	2.1	26	0.1	0.3	0.1	60	0.39	0.052
RFX 79354	Soil	0.8	54.8	3.6	84	0.2	18.5	17.0	469	4.44	2.2	0.4	1.9	1.2	33	<0.1	<0.1	<0.1	162	0.44	0.129
RFX 79355	Soil	0.3	45.3	7.1	65	<0.1	21.2	14.0	249	2.84	4.5	0.9	3.1	2.7	28	0.2	0.3	0.1	81	0.53	0.057
RFX 79356	Soil	0.6	28.6	7.0	62	0.1	17.1	9.7	232	2.68	4.4	0.5	1.1	1.7	20	0.1	0.3	0.1	73	0.29	0.069
RFX 79357	Soil	0.5	22.0	7.8	71	<0.1	18.8	10.2	233	2.84	4.6	0.5	0.8	2.3	22	0.2	0.4	0.1	75	0.30	0.053
RFX 79358	Soil	0.7	36.3	5.2	77	<0.1	17.6	14.3	402	3.39	4.7	0.5	2.0	2.0	25	<0.1	0.3	0.1	95	0.41	0.089
RFX 79359	Soil	0.5	31.8	5.2	69	<0.1	16.0	13.2	374	3.41	7.2	0.3	6.0	1.7	36	<0.1	0.3	<0.1	102	0.33	0.071
RFX 79360	Soil	0.8	37.9	7.3	62	0.2	13.5	9.7	179	2.41	4.1	0.6	0.9	1.2	22	0.1	0.2	0.1	64	0.26	0.071
RFX 79361	Soil	0.4	45.5	5.8	56	0.2	15.6	11.0	205	2.63	3.7	0.4	2.5	1.2	27	0.1	0.2	0.1	68	0.58	0.156
RFX 79362	Soil	0.4	32.8	6.4	57	0.1	13.9	9.7	179	2.67	4.9	0.5	3.2	1.6	24	0.1	0.2	<0.1	72	0.40	0.092
RFX 79363	Soil	0.4	27.4	7.3	70	<0.1	16.9	10.1	228	2.95	5.1	0.7	2.9	2.1	21	0.2	0.3	0.1	76	0.29	0.077
RFX 79364	Soil	0.5	21.9	6.5	68	<0.1	16.7	11.0	257	2.92	5.1	0.5	<0.5	2.0	21	0.2	0.2	0.1	76	0.34	0.081
RFX 79365	Soil	0.8	26.9	8.2	71	0.1	17.0	9.3	258	2.67	5.3	0.6	2.3	1.9	24	0.1	0.2	0.1	73	0.32	0.077
RFX 79366	Soil	0.7	35.4	6.7	82	<0.1	19.8	16.7	569	3.56	5.9	0.5	1.3	1.8	30	0.1	0.3	0.1	96	0.40	0.081
RFX 79367	Soil	0.4	22.6	6.0	79	<0.1	13.2	10.5	228	2.98	3.5	0.5	0.8	1.9	23	0.1	0.2	<0.1	83	0.37	0.078
RFX 79368	Soil	0.6	19.6	5.9	59	<0.1	10.8	7.4	199	2.13	4.5	0.5	1.5	1.1	20	0.1	0.2	0.1	60	0.26	0.048
RFX 79369	Soil	0.7	23.7	6.6	72	<0.1	15.0	11.5	344	2.82	4.9	0.5	2.6	1.4	21	0.1	0.2	0.1	84	0.33	0.056
RFX 79370	Soil	0.5	17.9	5.5	49	<0.1	10.6	6.7	154	1.80	3.1	0.4	3.6	0.9	19	0.1	0.2	<0.1	49	0.29	0.056
RFX 79371	Soil	0.7	28.9	6.7	70	0.1	16.1	15.7	638	2.94	5.1	0.7	1.0	1.6	27	0.1	0.3	0.1	73	0.32	0.066
RFX 79372	Soil	0.7	28.6	7.2	63	0.1	16.1	9.4	254	2.72	5.2	0.6	9.0	1.6	26	<0.1	0.3	0.1	80	0.29	0.047
RFX 79373	Soil	0.7	31.6	8.1	68	<0.1	21.6	10.9	279	3.08	6.4	0.7	3.1	2.0	27	0.1	0.4	0.2	82	0.37	0.059
RFX 79374	Soil	0.5	31.2	7.1	68	<0.1	24.1	13.5	436	3.16	6.3	0.6	2.5	2.5	34	0.1	0.5	0.1	83	0.49	0.066
RFX 79375	Soil	0.4	41.0	7.6	63	<0.1	29.6	13.1	594	2.85	6.9	0.7	2.2	2.1	37	0.1	0.4	0.1	74	0.91	0.082
RFX 79376	Soil	0.8	53.9	7.6	82	<0.1	26.4	14.1	455	3.50	7.8	0.5	1.0	2.3	28	<0.1	0.4	0.1	83	0.41	0.047
RFX 79377	Soil	0.7	41.5	6.5	69	<0.1	22.7	16.5	446	3.76	6.2	0.4	2.3	1.9	23	0.1	0.3	0.1	118	0.33	0.051
RFX 79378	Soil	1.4	52.7	5.5	65	<0.1	22.2	14.9	404	3.53	5.5	0.5	1.1	2.1	19	0.1	0.3	<0.1	104	0.26	0.052



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RFX 79280	Soil	8	29	0.52	169	0.079	<1	1.74	0.017	0.05	0.1	0.04	3.1	<0.1	<0.05	6	0.5
RFX 79281	Soil	11	32	0.69	213	0.104	<1	2.08	0.017	0.06	0.1	0.03	4.2	<0.1	<0.05	6	0.5
RFX 79282	Soil	9	29	0.66	159	0.096	<1	1.96	0.017	0.05	0.1	0.04	3.7	<0.1	<0.05	6	0.7
RFX 79283	Soil	7	27	0.53	206	0.104	<1	1.90	0.016	0.06	0.1	0.04	3.8	<0.1	0.06	6	<0.5
RFX 79284	Soil	7	26	0.73	203	0.106	<1	1.92	0.014	0.04	0.1	0.01	2.9	<0.1	<0.05	5	<0.5
RFX 79354	Soil	5	45	1.62	451	0.274	<1	2.83	0.026	1.17	<0.1	<0.01	7.3	0.7	0.15	8	0.9
RFX 79355	Soil	11	32	0.84	388	0.126	1	2.03	0.019	0.09	0.1	0.05	5.5	<0.1	<0.05	5	0.7
RFX 79356	Soil	7	33	0.94	227	0.198	<1	1.96	0.015	0.25	0.1	0.04	3.8	0.1	<0.05	7	<0.5
RFX 79357	Soil	9	32	0.90	228	0.175	1	2.00	0.017	0.09	0.1	0.03	4.3	<0.1	<0.05	7	0.6
RFX 79358	Soil	8	32	1.23	276	0.232	<1	2.21	0.030	0.35	0.1	<0.01	4.0	0.1	<0.05	7	<0.5
RFX 79359	Soil	6	31	1.11	180	0.249	<1	1.95	0.027	0.29	0.1	<0.01	3.1	<0.1	<0.05	7	<0.5
RFX 79360	Soil	8	27	0.76	197	0.126	<1	1.60	0.018	0.13	0.1	0.03	3.7	<0.1	<0.05	6	0.8
RFX 79361	Soil	7	27	0.75	131	0.113	<1	1.59	0.046	0.08	0.1	0.02	3.5	<0.1	<0.05	6	<0.5
RFX 79362	Soil	7	29	0.77	141	0.143	<1	1.80	0.037	0.09	0.1	0.03	3.9	<0.1	<0.05	6	0.6
RFX 79363	Soil	10	30	0.86	232	0.164	<1	2.03	0.016	0.13	0.1	0.03	4.7	<0.1	<0.05	7	0.5
RFX 79364	Soil	8	28	0.98	158	0.163	<1	1.91	0.016	0.13	0.1	0.02	4.0	<0.1	<0.05	6	<0.5
RFX 79365	Soil	9	30	0.78	167	0.144	2	1.77	0.019	0.09	0.2	0.03	3.5	<0.1	<0.05	6	0.8
RFX 79366	Soil	8	36	1.26	230	0.223	2	2.31	0.018	0.27	0.1	0.02	3.7	<0.1	<0.05	7	<0.5
RFX 79367	Soil	7	24	1.11	163	0.202	1	2.23	0.020	0.15	<0.1	0.02	4.3	<0.1	<0.05	7	<0.5
RFX 79368	Soil	7	23	0.63	134	0.120	<1	1.46	0.017	0.06	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5
RFX 79369	Soil	8	27	0.83	212	0.124	1	1.82	0.020	0.04	0.1	0.02	4.2	<0.1	<0.05	6	0.6
RFX 79370	Soil	6	20	0.54	102	0.101	<1	1.30	0.020	0.05	0.1	0.02	2.8	<0.1	<0.05	5	<0.5
RFX 79371	Soil	9	27	0.83	204	0.145	<1	2.18	0.017	0.10	<0.1	0.02	4.7	<0.1	<0.05	7	<0.5
RFX 79372	Soil	8	30	0.77	225	0.140	<1	2.05	0.018	0.07	0.1	0.02	4.1	<0.1	<0.05	7	<0.5
RFX 79373	Soil	10	35	0.85	283	0.128	1	2.36	0.018	0.06	0.1	0.03	4.8	<0.1	<0.05	7	0.6
RFX 79374	Soil	11	35	0.90	319	0.156	6	2.16	0.019	0.08	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5
RFX 79375	Soil	13	35	0.90	421	0.137	<1	2.02	0.024	0.07	0.1	0.04	4.9	<0.1	<0.05	6	0.6
RFX 79376	Soil	8	35	1.42	331	0.185	2	2.71	0.017	0.10	0.1	0.01	4.4	0.1	<0.05	7	<0.5
RFX 79377	Soil	7	40	1.25	178	0.246	2	2.36	0.017	0.27	0.1	<0.01	3.3	0.2	<0.05	7	<0.5
RFX 79378	Soil	8	41	1.24	244	0.207	2	2.31	0.019	0.48	<0.1	<0.01	4.4	0.1	0.06	6	0.6



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo ppm 0.1	Cu ppm 0.1	Pb ppm 0.1	Zn ppm 1	Ag ppm 0.1	Ni ppm 0.1	Co ppm 0.1	Mn ppm 1	Fe % 0.01	As ppm 0.5	U ppm 0.1	Au ppb 0.5	Th ppm 0.1	Sr ppm 1	Cd ppm 0.1	Sb ppm 0.1	Bi ppm 0.1	V ppm 2	Ca % 0.01	P % 0.001
RFX 79379	Soil	1.3	45.1	7.8	73	<0.1	18.9	13.1	318	3.77	7.2	0.5	<0.5	1.9	19	0.1	0.4	0.1	115	0.19	0.029
RFX 79380	Soil	1.2	43.5	8.2	75	<0.1	25.1	14.8	379	4.20	8.3	0.4	0.8	1.8	18	0.2	0.5	0.1	122	0.22	0.032
RFX 79381	Soil	1.3	53.3	8.0	63	<0.1	18.0	14.7	474	4.05	6.2	0.3	<0.5	1.2	19	0.1	0.3	0.1	139	0.22	0.032
RFX 79382	Soil	0.7	57.8	5.2	91	<0.1	21.1	17.4	639	4.18	4.1	0.5	<0.5	1.5	24	0.2	0.2	<0.1	141	0.40	0.071
RFX 79383	Soil	0.7	58.3	5.0	90	<0.1	21.2	18.7	716	4.45	4.1	0.4	<0.5	1.4	26	0.2	0.2	<0.1	142	0.41	0.072
RFX 79384	Soil	1.6	37.9	8.4	66	0.2	17.9	10.3	228	2.83	5.7	0.8	2.3	1.1	21	0.2	0.3	0.2	80	0.28	0.043
RFX 79385	Soil	0.4	36.2	6.8	71	<0.1	22.9	14.7	409	3.11	5.6	0.6	1.4	1.9	29	0.1	0.3	0.1	84	0.55	0.050
RFX 79386	Soil	0.5	35.3	7.9	61	0.1	20.6	11.6	211	3.12	6.6	0.6	3.7	1.9	25	<0.1	0.3	0.1	91	0.39	0.037
RFX 79389	Soil	1.2	31.3	14.6	55	<0.1	26.0	12.9	443	3.39	9.8	0.8	1.4	3.1	20	<0.1	0.5	0.2	82	0.22	0.046
RFX 79390	Soil	0.9	32.6	13.7	54	<0.1	26.9	11.5	376	2.93	8.7	0.8	2.1	2.1	21	0.2	0.4	0.2	74	0.26	0.049
RFX 79391	Soil	1.2	31.4	9.3	67	<0.1	21.1	12.3	400	3.33	6.7	0.9	2.4	3.2	28	<0.1	0.3	0.2	77	0.31	0.054
RFX 79392	Soil	0.8	35.6	12.0	74	<0.1	23.3	12.6	413	3.19	7.0	0.6	1.4	2.7	21	0.1	0.3	0.2	74	0.30	0.060
RFX 79393	Soil	0.8	25.7	12.1	66	<0.1	23.5	13.0	402	3.04	7.3	0.5	3.8	2.8	18	0.2	0.5	0.2	75	0.23	0.048
RFX 79401	Soil	0.5	23.2	6.5	63	0.1	17.0	9.6	190	2.71	4.4	0.7	3.1	1.6	29	0.2	0.3	0.1	63	0.48	0.068
RFX 79402	Soil	0.4	39.6	7.3	67	<0.1	19.8	13.6	501	2.93	4.6	0.8	3.9	2.2	37	0.2	0.7	0.1	79	0.63	0.062
RFX 79403	Soil	0.5	36.1	6.9	64	<0.1	19.6	11.1	279	2.99	5.1	0.8	2.6	2.5	27	0.1	0.4	0.1	80	0.38	0.065
RFX 79404	Soil	0.6	56.5	13.3	71	0.2	19.3	16.9	638	3.72	5.2	0.8	1.7	2.5	24	0.1	0.2	0.2	106	0.36	0.061
RFX 79405	Soil	1.3	54.9	15.7	85	<0.1	16.7	15.2	409	3.73	21.7	0.5	1.7	2.1	16	<0.1	0.3	0.2	106	0.22	0.043
RFX 79406	Soil	1.9	51.6	22.0	72	<0.1	16.2	12.3	412	3.73	19.5	0.6	1.3	1.7	16	0.1	0.4	0.3	102	0.18	0.052
RFX 79407	Soil	0.6	40.5	14.6	58	<0.1	16.5	9.7	288	2.41	5.0	0.5	2.0	2.3	31	0.2	0.3	0.2	69	0.40	0.068
RFX 79408	Soil	0.7	32.0	24.1	70	<0.1	17.8	12.0	448	2.75	5.4	0.5	6.5	2.3	30	0.2	0.3	0.2	77	0.42	0.081
RFX 79409	Soil	0.7	60.2	17.8	66	<0.1	20.3	12.1	306	2.91	5.5	0.6	1.7	2.4	27	0.1	0.3	0.2	80	0.37	0.065
RFX 79410	Soil	0.5	40.1	8.2	59	<0.1	19.8	10.2	176	2.79	5.7	0.8	2.3	2.7	23	0.1	0.4	0.2	71	0.32	0.063
RFX 79411	Soil	0.6	35.8	6.3	64	<0.1	18.4	11.8	336	2.75	4.8	0.6	2.2	2.3	26	0.1	0.3	0.1	80	0.41	0.076
RFX 79412	Soil	0.9	50.8	7.7	69	0.1	19.3	13.3	368	3.11	6.4	0.7	1.4	2.2	25	0.2	0.4	0.1	84	0.36	0.065
RFX 79413	Soil	0.7	35.3	8.7	83	<0.1	18.0	15.0	634	3.35	6.5	0.5	0.5	2.2	25	0.1	0.3	0.1	90	0.40	0.069
RFX 79414	Soil	0.7	33.5	7.8	69	0.1	16.8	16.0	617	2.91	5.3	0.7	1.8	2.0	27	0.2	0.3	0.1	85	0.44	0.061
RFX 79415	Soil	0.7	45.2	7.0	71	<0.1	18.7	12.5	391	3.08	8.8	0.6	3.5	2.1	25	0.1	0.3	0.1	84	0.36	0.062
RFX 79416	Soil	0.8	33.8	6.3	71	0.1	15.0	12.0	323	3.08	6.3	0.5	1.5	1.9	26	<0.1	0.3	0.1	98	0.40	0.068
RFX 79417	Soil	0.8	32.1	6.5	68	0.2	13.8	10.9	269	3.11	5.0	0.6	1.5	1.5	27	0.1	0.3	0.1	91	0.35	0.071



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RFX 79379	Soil	8	38	1.08	184	0.188	<1	2.58	0.016	0.23	<0.1	0.02	4.3	0.1	<0.05	7	0.6
RFX 79380	Soil	6	38	1.15	139	0.209	2	2.96	0.017	0.08	<0.1	0.01	3.4	<0.1	<0.05	8	<0.5
RFX 79381	Soil	4	40	1.31	108	0.258	1	2.62	0.018	0.18	<0.1	0.01	3.7	<0.1	<0.05	9	0.6
RFX 79382	Soil	7	45	1.81	229	0.254	<1	2.86	0.019	0.71	<0.1	0.01	5.5	<0.1	<0.05	9	0.6
RFX 79383	Soil	6	46	1.87	238	0.258	<1	2.81	0.019	0.74	<0.1	0.01	5.5	0.1	<0.05	9	<0.5
RFX 79384	Soil	9	35	0.76	179	0.104	1	1.98	0.013	0.11	0.1	0.03	4.3	<0.1	<0.05	6	0.5
RFX 79385	Soil	8	37	1.21	220	0.170	1	2.35	0.017	0.19	0.1	0.02	4.1	0.1	<0.05	6	0.6
RFX 79386	Soil	9	37	0.88	192	0.138	1	2.23	0.017	0.07	<0.1	0.02	4.0	0.1	<0.05	7	0.5
RFX 79389	Soil	13	48	0.68	191	0.114	2	2.31	0.013	0.06	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
RFX 79390	Soil	10	45	0.65	185	0.092	2	2.19	0.014	0.06	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
RFX 79391	Soil	11	40	0.86	208	0.144	1	1.96	0.016	0.13	<0.1	0.02	4.1	0.1	<0.05	5	<0.5
RFX 79392	Soil	10	44	0.88	204	0.128	3	2.14	0.013	0.11	<0.1	0.02	3.8	0.1	<0.05	6	<0.5
RFX 79393	Soil	8	38	0.68	132	0.124	2	2.07	0.014	0.07	0.1	0.02	3.0	<0.1	<0.05	6	<0.5
RFX 79401	Soil	8	30	0.80	224	0.122	2	1.82	0.017	0.06	0.1	0.04	3.7	<0.1	0.05	6	<0.5
RFX 79402	Soil	11	36	0.91	320	0.128	3	2.05	0.022	0.05	0.1	0.04	5.3	<0.1	0.06	6	<0.5
RFX 79403	Soil	11	34	0.95	496	0.150	2	2.07	0.019	0.08	0.1	0.02	4.9	<0.1	<0.05	6	0.5
RFX 79404	Soil	10	37	1.17	407	0.221	2	2.32	0.020	0.32	<0.1	0.02	5.0	0.1	<0.05	7	<0.5
RFX 79405	Soil	8	30	0.94	160	0.180	2	2.08	0.016	0.18	<0.1	0.01	4.2	0.1	<0.05	7	<0.5
RFX 79406	Soil	8	29	0.60	118	0.159	2	1.85	0.014	0.11	0.1	0.02	3.5	<0.1	<0.05	7	<0.5
RFX 79407	Soil	9	26	0.64	179	0.130	2	1.46	0.025	0.07	0.1	0.02	3.4	<0.1	<0.05	5	<0.5
RFX 79408	Soil	9	28	0.72	172	0.137	2	1.56	0.020	0.09	0.2	0.03	3.3	<0.1	<0.05	5	<0.5
RFX 79409	Soil	9	30	0.83	150	0.147	2	2.06	0.022	0.07	0.1	0.01	3.8	<0.1	<0.05	6	<0.5
RFX 79410	Soil	12	31	0.67	206	0.110	1	1.96	0.015	0.05	0.1	0.03	4.3	<0.1	<0.05	5	<0.5
RFX 79411	Soil	10	29	0.86	184	0.142	<1	1.78	0.019	0.11	0.1	0.03	3.8	<0.1	<0.05	6	<0.5
RFX 79412	Soil	9	32	0.81	229	0.124	3	2.08	0.018	0.10	0.1	0.03	4.2	<0.1	<0.05	6	<0.5
RFX 79413	Soil	9	33	0.96	256	0.166	<1	2.03	0.016	0.10	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5
RFX 79414	Soil	9	30	0.83	244	0.122	2	1.97	0.023	0.05	0.1	0.03	5.1	<0.1	<0.05	6	<0.5
RFX 79415	Soil	10	31	0.77	199	0.133	<1	1.99	0.018	0.08	0.1	0.02	4.4	<0.1	<0.05	6	<0.5
RFX 79416	Soil	8	29	1.03	197	0.181	<1	2.17	0.020	0.17	<0.1	0.02	4.6	0.1	<0.05	7	<0.5
RFX 79417	Soil	8	29	0.90	212	0.166	<1	2.26	0.020	0.12	<0.1	0.05	5.1	<0.1	<0.05	7	0.6



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
RFX 79418	Soil	0.9	27.7	6.0	73	<0.1	14.7	17.1	687	3.12	5.4	0.5	1.4	1.8	29	0.1	0.3	0.1	89	0.40
RFX 79419	Soil	0.5	57.5	5.5	72	<0.1	20.0	13.8	458	3.58	4.0	0.6	1.9	2.4	32	0.1	0.3	<0.1	105	0.47
RFX 79420	Soil	0.7	49.1	6.7	74	<0.1	20.4	13.9	466	3.76	6.4	0.7	3.0	2.3	25	0.1	0.3	0.1	103	0.32
RFX 79421	Soil	0.6	43.5	5.4	81	<0.1	18.8	14.7	518	3.86	4.7	0.6	1.1	2.5	27	0.1	0.2	<0.1	96	0.37
RFX 79422	Soil	0.9	40.4	7.5	65	<0.1	23.7	12.8	345	3.07	6.6	0.8	1.2	2.5	27	0.1	0.4	0.1	77	0.34
RFX 79423	Soil	1.2	37.7	8.5	56	0.1	14.1	9.7	373	3.47	5.4	0.6	2.2	2.4	28	<0.1	0.4	0.2	98	0.24
RFX 79424	Soil	0.9	42.5	8.1	65	<0.1	25.4	13.3	401	3.76	9.8	0.6	1.9	2.8	23	<0.1	0.5	0.2	99	0.28
RFX 79425	Soil	1.2	48.6	9.3	62	0.1	17.9	12.4	518	3.73	7.7	0.6	2.9	2.0	23	0.1	0.4	0.2	112	0.25
RFX 79426	Soil	0.8	39.9	7.1	57	<0.1	25.7	14.2	320	3.21	15.8	0.6	1.5	3.3	16	0.1	0.5	0.1	87	0.20
RFX 79427	Soil	1.6	40.8	7.1	62	0.1	16.4	13.1	420	3.47	20.7	0.5	0.7	2.4	16	0.1	0.3	0.1	106	0.21
RFX 79428	Soil	1.0	64.3	6.3	83	0.3	19.3	16.3	706	4.28	8.3	1.1	2.5	2.6	20	0.2	0.3	0.1	120	0.30
RFX 79429	Soil	1.4	24.2	9.3	49	0.1	17.1	9.7	338	3.49	7.6	0.5	0.9	2.2	22	0.1	0.4	0.2	89	0.24
RFX 79430	Soil	0.7	32.0	6.1	55	<0.1	18.2	10.6	344	2.83	5.7	0.7	1.1	2.4	21	<0.1	0.3	0.1	71	0.32
RFX 79431	Soil	1.0	26.7	8.4	55	<0.1	18.7	11.0	338	3.14	7.8	0.7	2.2	2.5	19	<0.1	0.3	0.2	83	0.24
RFX 79432	Soil	0.8	29.3	7.6	63	<0.1	20.7	11.2	327	3.28	6.6	0.7	1.7	2.4	22	<0.1	0.3	0.1	85	0.29
RFX 79434	Soil	0.7	31.5	6.1	65	<0.1	19.7	13.4	347	3.33	6.6	0.5	3.1	2.1	20	<0.1	0.3	0.1	84	0.33



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	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
RFX 79418	Soil	8	29	1.01	178	0.180	1	2.01	0.017	0.18	0.1	0.02	3.7	<0.1	<0.05	7	<0.5
RFX 79419	Soil	10	33	1.33	286	0.206	1	2.34	0.020	0.27	<0.1	0.01	5.9	0.1	<0.05	7	<0.5
RFX 79420	Soil	10	34	1.02	213	0.181	1	2.42	0.016	0.26	0.1	0.02	5.0	<0.1	<0.05	7	<0.5
RFX 79421	Soil	8	27	1.24	259	0.215	1	2.49	0.020	0.37	<0.1	<0.01	5.7	0.1	<0.05	8	<0.5
RFX 79422	Soil	12	40	0.92	255	0.145	2	2.24	0.015	0.15	0.1	0.01	3.9	0.1	<0.05	6	0.6
RFX 79423	Soil	10	27	0.85	181	0.147	<1	2.29	0.015	0.08	<0.1	0.01	3.9	0.1	<0.05	8	<0.5
RFX 79424	Soil	10	34	1.01	216	0.174	<1	2.44	0.014	0.15	0.1	0.02	5.2	<0.1	<0.05	8	<0.5
RFX 79425	Soil	8	32	0.79	178	0.173	1	2.42	0.015	0.12	0.1	0.02	4.8	<0.1	<0.05	9	<0.5
RFX 79426	Soil	9	34	0.86	184	0.160	1	2.36	0.017	0.15	<0.1	0.03	4.5	0.1	<0.05	6	<0.5
RFX 79427	Soil	8	30	0.91	169	0.179	<1	1.94	0.014	0.17	0.1	0.02	4.1	<0.1	<0.05	7	<0.5
RFX 79428	Soil	13	36	1.22	379	0.210	<1	2.07	0.016	0.51	<0.1	0.02	8.4	0.2	0.05	8	0.7
RFX 79429	Soil	8	38	0.70	178	0.160	1	1.88	0.012	0.11	0.1	0.01	2.6	<0.1	<0.05	7	<0.5
RFX 79430	Soil	9	34	0.82	180	0.148	<1	1.76	0.015	0.13	<0.1	0.01	3.8	<0.1	<0.05	6	<0.5
RFX 79431	Soil	9	32	0.76	162	0.129	<1	2.05	0.013	0.07	0.1	0.02	3.6	<0.1	<0.05	7	<0.5
RFX 79432	Soil	10	34	0.92	181	0.146	<1	2.21	0.015	0.10	0.1	0.01	4.1	<0.1	<0.05	7	<0.5
RFX 79434	Soil	9	36	0.97	180	0.134	<1	2.03	0.013	0.14	<0.1	0.02	4.1	<0.1	0.09	7	<0.5



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QUALITY CONTROL REPORT

VAN09005413.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
RFX 65708	Soil	1.0	32.8	11.1	77	<0.1	22.5	16.7	526	3.52	7.8	0.5	2.1	2.4	21	0.2	0.4	0.2	80	0.29	0.066
REP RFX 65708	QC	1.1	32.3	10.5	74	<0.1	23.1	16.2	562	3.51	8.0	0.5	2.9	2.4	21	0.1	0.3	0.1	74	0.27	0.063
RFX 65878	Soil	1.4	57.9	23.8	82	0.1	24.0	31.0	1355	5.76	278.0	2.7	0.6	6.5	21	0.1	6.0	0.1	75	0.50	0.117
REP RFX 65878	QC	1.4	56.2	24.6	82	0.1	24.4	32.5	1414	5.90	273.3	2.8	0.5	6.9	23	0.1	6.2	0.1	77	0.50	0.119
RFX 68161	Soil	0.9	45.9	7.1	78	0.1	20.0	17.1	433	4.18	6.1	0.6	4.2	2.1	22	0.1	0.4	0.1	100	0.31	0.067
REP RFX 68161	QC	0.8	44.5	6.7	79	0.1	19.6	16.6	420	4.05	5.9	0.6	4.0	2.1	21	0.2	0.4	0.1	95	0.32	0.064
RFX 79276	Soil	0.5	17.9	12.1	45	<0.1	12.1	6.4	151	1.93	4.5	0.5	4.9	0.8	21	0.1	0.3	0.2	49	0.28	0.064
REP RFX 79276	QC	0.6	18.3	11.8	45	<0.1	12.2	6.3	148	1.87	4.7	0.5	6.4	0.8	20	0.1	0.2	0.1	48	0.26	0.062
RFX 79358	Soil	0.7	36.3	5.2	77	<0.1	17.6	14.3	402	3.39	4.7	0.5	2.0	2.0	25	<0.1	0.3	0.1	95	0.41	0.089
REP RFX 79358	QC	0.6	37.3	5.1	74	<0.1	17.7	14.5	402	3.36	5.2	0.5	<0.5	2.0	26	<0.1	0.3	<0.1	93	0.42	0.093
RFX 79389	Soil	1.2	31.3	14.6	55	<0.1	26.0	12.9	443	3.39	9.8	0.8	1.4	3.1	20	<0.1	0.5	0.2	82	0.22	0.046
REP RFX 79389	QC	1.1	30.4	14.4	57	<0.1	25.7	12.9	447	3.39	9.4	0.8	0.7	3.2	19	0.1	0.4	0.2	84	0.22	0.046
RFX 79408	Soil	0.7	32.0	24.1	70	<0.1	17.8	12.0	448	2.75	5.4	0.5	6.5	2.3	30	0.2	0.3	0.2	77	0.42	0.081
REP RFX 79408	QC	0.5	32.1	23.2	71	<0.1	17.8	11.5	452	2.66	4.9	0.5	1.4	2.3	30	0.1	0.3	0.2	75	0.40	0.080
RFX 79422	Soil	0.9	40.4	7.5	65	<0.1	23.7	12.8	345	3.07	6.6	0.8	1.2	2.5	27	0.1	0.4	0.1	77	0.34	0.083
REP RFX 79422	QC	0.8	39.1	7.2	61	<0.1	24.1	12.3	347	3.15	6.9	0.8	3.7	2.5	27	0.1	0.4	0.1	81	0.33	0.083
Reference Materials																					
STD DS7	Standard	20.8	112.2	67.8	396	0.8	57.0	9.1	595	2.32	51.8	4.9	60.3	4.5	80	7.0	6.5	4.9	79	0.95	0.083
STD DS7	Standard	20.8	105.4	67.9	402	0.8	57.7	9.4	593	2.41	53.8	4.6	60.4	4.2	73	6.7	5.9	4.5	81	0.99	0.084
STD DS7	Standard	22.1	116.6	75.8	423	0.8	62.7	9.8	612	2.40	53.2	5.1	64.8	4.9	81	7.1	6.3	5.0	90	0.96	0.082
STD DS7	Standard	20.7	110.2	71.1	406	0.8	56.7	9.2	604	2.33	51.0	5.0	58.7	4.7	82	6.8	6.4	4.7	86	1.00	0.079
STD DS7	Standard	20.1	102.3	63.1	379	0.8	56.2	9.3	539	2.09	45.0	4.5	72.0	4.0	72	5.8	5.8	4.3	77	0.94	0.080
STD DS7 Expected		20.5	109	70.6	411	0.9	56	9.7	627	2.39	48.2	4.9	70	4.4	69	6.4	4.6	4.5	84	0.93	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Report Date: November 23, 2009

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VAN09005413.1

	Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																	
RFX 65708	Soil	9	38	0.87	155	0.123	<1	2.06	0.012	0.13	0.1	0.02	3.3	<0.1	<0.05	7	<0.5
REP RFX 65708	QC	9	39	0.83	155	0.118	<1	2.08	0.011	0.12	0.1	0.02	3.4	<0.1	<0.05	7	<0.5
RFX 65878	Soil	38	17	0.15	444	0.003	1	0.65	0.005	0.09	<0.1	0.50	22.1	0.3	<0.05	2	0.8
REP RFX 65878	QC	39	18	0.15	454	0.004	<1	0.69	0.006	0.10	<0.1	0.55	22.2	0.4	<0.05	2	<0.5
RFX 68161	Soil	8	31	1.12	179	0.174	<1	2.45	0.020	0.19	<0.1	0.03	4.9	<0.1	<0.05	8	<0.5
REP RFX 68161	QC	8	30	1.09	182	0.168	<1	2.45	0.016	0.19	0.1	0.02	5.0	<0.1	<0.05	8	<0.5
RFX 79276	Soil	7	23	0.50	120	0.080	<1	1.37	0.019	0.04	0.2	0.04	2.5	<0.1	0.06	4	<0.5
REP RFX 79276	QC	7	23	0.48	117	0.074	<1	1.35	0.018	0.04	0.1	0.03	2.3	<0.1	0.06	4	<0.5
RFX 79358	Soil	8	32	1.23	276	0.232	<1	2.21	0.030	0.35	0.1	<0.01	4.0	0.1	<0.05	7	<0.5
REP RFX 79358	QC	8	33	1.21	268	0.238	<1	2.18	0.030	0.35	<0.1	<0.01	3.9	0.1	<0.05	7	<0.5
RFX 79389	Soil	13	48	0.68	191	0.114	2	2.31	0.013	0.06	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5
REP RFX 79389	QC	13	47	0.67	192	0.113	1	2.19	0.014	0.06	0.1	0.02	4.4	0.1	<0.05	7	0.5
RFX 79408	Soil	9	28	0.72	172	0.137	2	1.56	0.020	0.09	0.2	0.03	3.3	<0.1	<0.05	5	<0.5
REP RFX 79408	QC	9	28	0.74	174	0.133	3	1.58	0.021	0.09	0.2	0.01	3.3	<0.1	<0.05	5	<0.5
RFX 79422	Soil	12	40	0.92	255	0.145	2	2.24	0.015	0.15	0.1	0.01	3.9	0.1	<0.05	6	0.6
REP RFX 79422	QC	11	41	0.85	256	0.146	2	2.15	0.014	0.14	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
Reference Materials																	
STD DS7	Standard	14	192	0.99	386	0.134	41	0.99	0.103	0.41	4.1	0.19	2.3	3.8	0.24	4	3.8
STD DS7	Standard	13	196	1.05	376	0.120	37	1.10	0.103	0.41	3.7	0.19	2.3	4.0	0.21	5	3.6
STD DS7	Standard	14	208	1.03	393	0.139	42	1.05	0.100	0.40	3.6	0.18	2.5	4.2	0.21	4	3.2
STD DS7	Standard	14	203	0.98	384	0.142	39	1.00	0.094	0.41	3.8	0.18	2.6	4.1	0.20	4	3.9
STD DS7	Standard	12	195	0.92	350	0.112	39	0.91	0.095	0.40	3.6	0.19	2.2	4.1	0.24	4	3.4
STD DS7 Expected		12	179	1.05	370	0.124	39	0.959	0.089	0.44	3.4	0.2	2.5	4.2	0.19	5	3.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5