



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: Jodie Gibson
Receiving Lab: Canada-Vancouver
Received: August 31, 2009
Report Date: September 18, 2009
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CERTIFICATE OF ANALYSIS

VAN09004074.1

CLIENT JOB INFORMATION

Project: RFX
Shipment ID:
P.O. Number
Number of Samples: 175

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: Adrian Fleming
Rob McLeod

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	175	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	175	Dry at 60C			VAN
1DX15	175	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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		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	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	0.1	2	0.01
RFX 34336	Soil	0.8	34.4	20.3	52	<0.1	21.6	12.5	345	2.93	8.1	0.6	6.5	2.8	18	0.1	1.2	<0.1	73	0.27	0.023	
RFX 48840	Soil	0.6	37.0	4.1	76	<0.1	31.2	28.8	666	4.58	5.3	0.4	0.6	3.1	36	<0.1	0.3	<0.1	96	0.43	0.065	
RFX 48841	Soil	0.5	24.7	5.9	71	<0.1	41.0	18.0	511	3.87	4.7	0.9	0.5	6.7	25	<0.1	1.1	<0.1	85	0.44	0.056	
RFX 52538	Soil	0.3	45.0	2.6	71	<0.1	11.8	18.2	535	4.28	1.9	0.2	<0.5	1.4	23	<0.1	0.5	<0.1	105	0.61	0.129	
RFX 52539	Soil	0.2	27.0	2.3	67	<0.1	11.3	14.7	393	3.69	1.7	0.2	<0.5	0.9	21	<0.1	0.3	<0.1	101	0.60	0.138	
RFX 52540	Soil	0.3	37.1	3.0	72	<0.1	11.3	14.8	391	4.06	2.1	0.3	1.1	1.4	30	<0.1	0.3	<0.1	98	0.49	0.083	
RFX 52541	Soil	0.6	45.5	5.6	67	<0.1	22.3	16.6	399	3.82	4.8	0.6	1.1	2.5	22	<0.1	0.3	<0.1	104	0.48	0.085	
RFX 52542	Soil	0.5	41.0	1.7	51	<0.1	18.5	22.9	502	4.05	2.5	0.4	<0.5	2.1	10	<0.1	0.1	<0.1	115	0.29	0.069	
RFX 52543	Soil	1.2	64.4	4.6	74	<0.1	32.9	17.8	420	4.98	4.4	0.7	<0.5	2.9	7	<0.1	0.1	<0.1	135	0.20	0.076	
RFX 52544	Soil	0.6	30.6	4.9	59	<0.1	17.8	13.3	200	3.08	4.5	0.6	0.8	2.8	17	<0.1	0.2	<0.1	81	0.28	0.046	
RFX 52545	Soil	0.3	50.7	3.9	64	<0.1	18.0	16.9	286	4.01	3.7	0.5	1.5	2.2	26	<0.1	0.2	<0.1	122	0.44	0.040	
RFX 52546	Soil	0.4	21.8	4.5	55	<0.1	13.2	12.2	259	2.78	4.2	0.4	2.8	1.8	20	<0.1	0.3	<0.1	66	0.32	0.036	
RFX 52547	Soil	0.6	54.4	4.0	87	<0.1	19.1	19.3	1133	5.14	3.6	0.9	1.9	3.1	27	<0.1	0.2	<0.1	99	0.38	0.088	
RFX 52548	Soil	0.5	43.7	6.8	56	<0.1	26.9	16.8	287	3.34	5.7	0.4	2.8	2.7	16	0.1	0.3	<0.1	87	0.23	0.025	
RFX 52549	Soil	0.5	33.9	6.1	57	<0.1	20.7	14.2	401	3.78	6.1	0.6	1.6	2.6	22	<0.1	0.4	<0.1	89	0.35	0.032	
RFX 52550	Soil	0.4	56.9	3.2	127	<0.1	11.2	29.6	1492	7.46	2.2	0.3	0.5	1.3	13	<0.1	0.2	<0.1	86	0.50	0.161	
RFX 52551	Soil	0.4	113.0	2.2	89	<0.1	11.4	24.0	1040	5.39	1.9	0.5	1.4	2.4	20	<0.1	0.1	<0.1	140	0.43	0.108	
RFX 52552	Soil	0.3	120.5	2.0	79	<0.1	11.2	21.5	701	4.39	1.2	0.6	1.0	2.4	19	<0.1	0.1	<0.1	112	0.59	0.147	
RFX 52553	Soil	0.5	44.1	5.2	54	<0.1	22.4	15.2	243	3.14	5.7	0.5	1.1	2.2	17	<0.1	0.3	<0.1	85	0.23	0.033	
RFX 52554	Soil	4.0	49.0	4.9	132	<0.1	19.5	18.1	531	5.98	29.2	1.2	1.0	5.6	15	<0.1	0.4	<0.1	59	0.42	0.153	
RFX 52555	Soil	1.0	250.5	6.1	74	0.1	13.1	22.0	238	8.87	12.9	0.4	0.8	2.9	12	<0.1	0.3	<0.1	57	0.08	0.029	
RFX 52556	Soil	0.2	99.0	6.6	181	<0.1	46.8	47.4	2382	7.24	4.3	0.4	1.8	0.6	18	0.6	0.3	<0.1	219	0.60	0.073	
RFX 52557	Soil	1.1	45.1	6.5	60	<0.1	18.7	11.3	256	4.24	4.9	0.8	1.2	4.3	28	<0.1	0.3	<0.1	82	0.13	0.040	
RFX 52559	Soil	0.6	63.3	4.1	67	<0.1	19.7	20.1	549	4.16	4.0	0.1	<0.5	0.6	16	<0.1	0.1	<0.1	117	0.20	0.063	
RFX 52560	Soil	0.6	31.8	8.8	78	<0.1	28.5	15.0	408	3.52	5.3	0.7	0.8	5.0	29	<0.1	0.3	<0.1	80	0.32	0.017	
RFX 52561	Soil	0.5	102.7	10.1	361	<0.1	23.9	17.7	607	4.87	5.5	0.9	1.1	5.1	21	0.3	0.3	<0.1	100	0.26	0.028	
RFX 52562	Soil	0.2	49.5	2.9	64	<0.1	31.6	15.7	462	3.39	2.1	0.7	<0.5	8.8	27	<0.1	<0.1	<0.1	56	0.39	0.084	
RFX 52563	Soil	1.0	65.3	9.0	83	<0.1	29.1	17.0	457	3.87	7.4	0.7	1.1	4.3	17	<0.1	0.4	0.1	91	0.17	0.029	
RFX 52564	Soil	0.4	46.8	7.2	118	<0.1	16.3	20.8	598	4.36	4.5	0.4	<0.5	1.9	23	<0.1	0.2	<0.1	104	0.26	0.034	
RFX 52565	Soil	1.7	56.4	19.2	136	<0.1	12.5	27.9	1095	4.92	10.3	0.6	4.0	3.2	15	0.4	0.3	0.3	90	0.24	0.062	



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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 34336	Soil	11	36	0.54	205	0.072	2	1.83	0.014	0.03	0.2	0.01	5.5	<0.1	<0.05	5	<0.5
RFX 48840	Soil	7	54	2.05	232	0.263	<1	3.29	0.016	0.68	0.1	<0.01	2.8	0.2	<0.05	8	<0.5
RFX 48841	Soil	22	57	1.44	369	0.159	1	2.34	0.015	0.40	0.1	0.03	4.8	0.2	<0.05	7	<0.5
RFX 52538	Soil	6	25	1.33	444	0.113	<1	2.28	0.015	0.49	<0.1	<0.01	7.4	<0.1	<0.05	7	<0.5
RFX 52539	Soil	4	22	1.34	483	0.148	<1	2.14	0.017	0.65	<0.1	<0.01	5.6	<0.1	<0.05	6	<0.5
RFX 52540	Soil	5	25	1.56	451	0.142	<1	2.60	0.012	0.60	<0.1	<0.01	5.6	0.1	<0.05	7	<0.5
RFX 52541	Soil	8	38	1.65	454	0.207	<1	2.71	0.015	0.62	<0.1	<0.01	5.5	0.2	<0.05	8	<0.5
RFX 52542	Soil	9	195	1.99	642	0.184	<1	2.61	0.017	0.68	<0.1	<0.01	9.9	0.2	<0.05	8	<0.5
RFX 52543	Soil	7	60	2.04	558	0.290	<1	3.03	0.015	0.94	<0.1	<0.01	6.0	0.3	<0.05	10	<0.5
RFX 52544	Soil	11	31	1.24	269	0.146	<1	2.40	0.014	0.21	<0.1	0.01	3.9	0.1	<0.05	7	<0.5
RFX 52545	Soil	8	25	2.02	353	0.193	<1	2.92	0.017	0.55	<0.1	<0.01	6.7	0.2	<0.05	8	<0.5
RFX 52546	Soil	8	20	0.92	260	0.117	<1	1.84	0.014	0.09	<0.1	<0.01	3.6	<0.1	<0.05	5	<0.5
RFX 52547	Soil	13	28	1.27	2374	0.148	<1	2.04	0.016	0.74	0.1	0.02	16.0	0.3	<0.05	7	<0.5
RFX 52548	Soil	8	40	1.17	176	0.127	<1	2.98	0.013	0.05	<0.1	<0.01	4.4	<0.1	<0.05	7	<0.5
RFX 52549	Soil	12	32	0.84	234	0.064	<1	2.03	0.020	0.05	<0.1	0.03	9.0	<0.1	<0.05	6	<0.5
RFX 52550	Soil	4	10	0.16	570	0.004	<1	0.67	0.006	0.09	<0.1	0.02	14.6	<0.1	<0.05	2	<0.5
RFX 52551	Soil	18	18	2.22	444	0.049	<1	2.81	0.007	0.16	<0.1	0.02	16.2	<0.1	<0.05	11	<0.5
RFX 52552	Soil	11	19	1.55	472	0.045	<1	2.29	0.015	0.19	<0.1	0.01	13.7	<0.1	<0.05	9	<0.5
RFX 52553	Soil	8	35	1.14	144	0.124	<1	2.36	0.012	0.07	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5
RFX 52554	Soil	18	14	0.23	390	0.005	1	1.24	0.007	0.08	<0.1	<0.01	12.3	0.1	<0.05	3	0.6
RFX 52555	Soil	7	11	0.22	123	0.021	<1	0.85	0.029	0.18	<0.1	<0.01	3.4	<0.1	0.25	4	5.8
RFX 52556	Soil	5	47	2.44	256	0.002	2	3.54	0.010	0.06	<0.1	0.05	30.2	0.1	<0.05	13	0.7
RFX 52557	Soil	12	36	0.95	351	0.103	<1	2.39	0.023	0.34	<0.1	<0.01	4.6	0.2	0.21	7	2.3
RFX 52559	Soil	1	29	1.73	211	0.328	<1	2.61	0.012	0.43	<0.1	0.01	1.7	0.1	<0.05	8	<0.5
RFX 52560	Soil	16	57	1.07	242	0.169	1	2.54	0.012	0.06	0.1	0.01	4.8	0.1	<0.05	8	<0.5
RFX 52561	Soil	14	47	1.37	351	0.207	<1	2.91	0.014	0.43	<0.1	0.03	4.2	0.3	<0.05	10	<0.5
RFX 52562	Soil	25	64	1.34	250	0.220	<1	2.27	0.014	0.44	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5
RFX 52563	Soil	9	71	1.04	215	0.166	<1	2.75	0.011	0.16	<0.1	0.01	3.7	0.1	<0.05	8	<0.5
RFX 52564	Soil	6	30	1.58	305	0.247	<1	2.82	0.013	0.43	<0.1	<0.01	3.0	0.2	<0.05	7	<0.5
RFX 52565	Soil	8	17	1.11	296	0.042	1	2.23	0.012	0.19	<0.1	0.03	8.4	0.2	<0.05	7	0.6



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			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	0.1	2	0.01
RFX 52566	Soil	0.4	43.3	9.8	71	<0.1	29.3	15.7	454	3.45	4.9	0.5	1.9	3.9	19	0.1	0.2	<0.1	75	0.27	0.040	
RFX 52567	Soil	0.7	27.7	10.5	62	<0.1	34.1	15.1	379	3.42	9.4	0.4	1.3	2.5	16	<0.1	0.4	0.1	72	0.23	0.023	
RFX 52568	Soil	0.7	25.5	8.5	57	<0.1	27.0	12.5	332	2.90	10.2	0.5	1.6	3.3	16	0.1	0.6	0.2	64	0.21	0.039	
RFX 52569	Soil	0.6	30.5	7.8	52	<0.1	25.4	11.4	386	2.98	8.3	0.6	9.4	3.5	24	<0.1	0.5	0.1	71	0.34	0.039	
RFX 52570	Soil	1.3	37.0	10.1	70	0.1	32.1	15.8	528	3.88	9.8	0.7	2.6	3.6	24	<0.1	0.7	0.2	88	0.28	0.027	
RFX 52571	Soil	0.9	24.3	6.1	146	<0.1	7.2	7.8	934	6.23	7.1	0.7	<0.5	5.6	10	0.1	0.3	<0.1	41	0.10	0.035	
RFX 52572	Soil	0.5	28.2	6.7	58	<0.1	23.7	13.4	375	2.99	5.3	0.5	0.8	2.9	20	<0.1	0.3	<0.1	65	0.28	0.031	
RFX 52688	Soil	1.2	88.7	42.8	150	<0.1	18.9	21.8	718	4.46	8.1	0.5	7.5	1.8	15	0.5	0.5	0.2	102	0.19	0.048	
RFX 52689	Soil	1.1	38.9	10.4	103	<0.1	26.2	26.2	1369	4.70	9.5	0.5	7.2	2.2	15	0.3	0.6	0.2	98	0.19	0.064	
RFX 52690	Soil	1.2	20.7	9.2	52	<0.1	19.5	10.9	332	3.62	9.7	0.5	3.2	1.9	14	0.2	0.6	0.2	72	0.17	0.046	
RFX 52691	Soil	1.2	27.2	11.1	54	<0.1	25.2	13.5	364	3.19	11.1	1.0	2.9	4.7	14	0.1	0.7	0.2	70	0.13	0.029	
RFX 52692	Soil	1.3	26.9	8.9	67	<0.1	23.8	15.0	582	4.09	10.6	0.5	1.9	2.9	13	0.2	0.6	0.2	73	0.14	0.055	
RFX 52693	Soil	1.1	16.2	9.1	37	0.2	9.4	5.2	204	2.68	7.4	0.4	1.4	1.4	12	0.1	0.5	0.2	66	0.12	0.033	
RFX 52694	Soil	0.8	29.8	7.2	61	<0.1	19.4	10.1	415	3.05	6.7	0.9	2.4	3.2	22	<0.1	0.5	0.1	60	0.32	0.050	
RFX 52695	Soil	1.0	24.7	7.5	59	<0.1	16.8	10.6	355	3.19	7.0	0.5	2.3	1.6	18	0.1	0.4	0.1	64	0.25	0.038	
RFX 52696	Soil	0.9	34.3	8.5	34	0.1	12.1	5.5	144	2.03	5.0	0.7	1.0	1.0	16	0.2	0.3	0.1	50	0.16	0.028	
RFX 52697	Soil	0.5	64.4	4.2	55	<0.1	36.3	26.7	442	3.47	4.7	0.4	1.2	3.0	17	<0.1	0.3	<0.1	80	0.33	0.076	
RFX 52698	Soil	0.9	25.3	7.7	55	<0.1	19.5	10.9	265	3.58	9.5	0.4	1.2	2.1	16	<0.1	0.4	0.2	87	0.18	0.042	
RFX 52699	Soil	1.0	33.8	7.4	52	0.1	17.3	11.3	303	2.83	6.7	0.4	3.7	1.6	18	0.1	0.3	0.1	70	0.22	0.055	
RFX 52700	Soil	0.6	27.2	6.9	48	<0.1	16.2	10.0	236	2.53	5.8	0.5	3.1	2.2	22	<0.1	0.3	0.1	65	0.31	0.039	
RFX 52701	Soil	0.4	76.7	5.0	200	<0.1	10.0	17.5	574	4.10	2.9	0.3	1.5	2.3	19	0.3	0.2	<0.1	120	0.24	0.034	
RFX 52702	Soil	1.0	38.8	7.6	54	<0.1	23.8	15.0	294	3.44	9.2	0.4	2.1	2.6	18	<0.1	0.4	0.1	91	0.21	0.027	
RFX 52703	Soil	1.0	38.6	9.7	53	0.1	23.8	10.7	268	3.09	9.5	1.2	2.3	4.1	19	<0.1	0.6	0.2	74	0.21	0.033	
RFX 52704	Soil	1.3	29.6	7.8	56	<0.1	21.5	11.5	322	3.45	9.4	0.3	2.5	1.5	12	0.2	0.5	0.2	91	0.19	0.050	
RFX 52705	Soil	0.9	27.0	6.5	45	<0.1	22.3	12.9	233	3.21	7.5	0.3	<0.5	1.4	14	<0.1	0.4	0.1	85	0.24	0.029	
RFX 52706	Soil	1.2	28.1	5.8	35	0.1	11.0	8.2	284	2.89	6.3	0.3	0.8	0.8	10	0.1	0.4	0.1	92	0.22	0.032	
RFX 52707	Soil	0.6	36.1	6.0	45	<0.1	20.8	9.8	279	2.33	5.6	0.7	1.2	2.6	22	<0.1	0.3	<0.1	59	0.29	0.037	
RFX 52708	Soil	0.8	18.9	7.0	33	<0.1	10.3	6.3	157	2.17	6.3	0.3	1.2	1.1	14	0.1	0.3	0.2	69	0.17	0.048	
RFX 52709	Soil	0.8	35.2	5.7	53	<0.1	18.2	14.1	397	3.02	5.3	0.3	0.8	1.1	15	0.1	0.3	0.1	88	0.26	0.051	
RFX 52710	Soil	0.4	53.7	5.3	50	<0.1	19.6	16.4	388	3.38	5.0	0.6	3.4	2.0	23	<0.1	0.3	<0.1	93	0.43	0.065	



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Project: RFX
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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 52566	Soil	9	59	1.13	218	0.104	<1	2.22	0.018	0.10	<0.1	0.01	4.2	0.1	<0.05	6	<0.5
RFX 52567	Soil	6	55	0.85	186	0.039	1	2.28	0.012	0.03	0.1	0.02	4.9	0.1	<0.05	6	<0.5
RFX 52568	Soil	8	38	0.69	241	0.070	<1	2.12	0.011	0.05	0.1	0.01	3.3	<0.1	<0.05	5	<0.5
RFX 52569	Soil	13	41	0.71	228	0.072	<1	1.89	0.014	0.03	0.1	0.02	5.1	<0.1	<0.05	5	<0.5
RFX 52570	Soil	8	61	0.81	275	0.084	1	2.72	0.013	0.04	0.1	0.03	4.7	0.1	<0.05	8	<0.5
RFX 52571	Soil	9	14	1.04	222	0.170	<1	2.86	0.010	0.33	<0.1	<0.01	5.8	0.2	<0.05	15	<0.5
RFX 52572	Soil	9	45	0.82	186	0.087	<1	1.77	0.013	0.03	<0.1	<0.01	3.9	<0.1	<0.05	5	<0.5
RFX 52688	Soil	8	28	0.76	197	0.075	1	2.29	0.013	0.05	<0.1	0.02	4.4	<0.1	<0.05	7	0.7
RFX 52689	Soil	9	32	0.87	216	0.061	1	2.38	0.011	0.06	0.1	0.02	5.3	<0.1	<0.05	7	<0.5
RFX 52690	Soil	7	30	0.49	199	0.059	<1	2.29	0.014	0.04	0.1	0.02	2.9	<0.1	<0.05	7	<0.5
RFX 52691	Soil	11	43	0.52	346	0.064	<1	2.79	0.012	0.05	0.1	0.03	4.6	0.1	<0.05	6	<0.5
RFX 52692	Soil	8	34	0.57	177	0.061	1	2.65	0.009	0.06	0.2	0.02	3.7	<0.1	<0.05	7	<0.5
RFX 52693	Soil	7	21	0.29	189	0.050	1	1.34	0.009	0.04	0.1	0.02	2.0	<0.1	<0.05	7	<0.5
RFX 52694	Soil	16	29	0.61	435	0.055	<1	1.86	0.013	0.04	0.1	0.03	4.6	<0.1	<0.05	6	<0.5
RFX 52695	Soil	8	28	0.58	256	0.071	<1	1.96	0.016	0.04	0.1	0.02	3.4	<0.1	<0.05	6	<0.5
RFX 52696	Soil	10	24	0.27	238	0.052	<1	1.43	0.010	0.03	0.1	0.03	2.8	<0.1	<0.05	6	<0.5
RFX 52697	Soil	8	54	1.06	184	0.121	<1	2.24	0.019	0.08	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5
RFX 52698	Soil	7	39	0.63	133	0.121	<1	1.99	0.011	0.04	0.1	0.02	2.3	<0.1	<0.05	8	<0.5
RFX 52699	Soil	6	29	0.55	161	0.077	<1	1.79	0.014	0.04	<0.1	0.03	2.7	<0.1	<0.05	6	<0.5
RFX 52700	Soil	8	29	0.61	166	0.090	<1	1.62	0.017	0.03	<0.1	0.01	3.4	<0.1	<0.05	5	<0.5
RFX 52701	Soil	9	12	1.20	240	0.151	<1	2.11	0.020	0.18	<0.1	<0.01	3.7	<0.1	<0.05	7	<0.5
RFX 52702	Soil	7	37	0.60	170	0.107	<1	2.44	0.016	0.04	0.1	0.01	3.5	<0.1	<0.05	6	<0.5
RFX 52703	Soil	15	41	0.56	199	0.084	<1	2.16	0.015	0.04	0.2	0.03	6.2	0.1	<0.05	5	<0.5
RFX 52704	Soil	5	26	0.40	182	0.075	<1	2.25	0.018	0.04	0.1	0.02	2.4	<0.1	<0.05	7	<0.5
RFX 52705	Soil	5	40	0.60	153	0.078	<1	2.11	0.023	0.03	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5
RFX 52706	Soil	4	23	0.33	81	0.078	<1	1.47	0.029	0.04	<0.1	0.03	3.3	<0.1	<0.05	6	<0.5
RFX 52707	Soil	11	32	0.54	192	0.077	<1	1.40	0.015	0.03	0.1	0.02	3.9	<0.1	<0.05	4	<0.5
RFX 52708	Soil	6	23	0.39	132	0.081	<1	1.24	0.013	0.04	0.1	0.02	2.2	<0.1	<0.05	6	<0.5
RFX 52709	Soil	5	34	0.77	157	0.100	<1	1.60	0.019	0.04	0.1	0.02	3.2	<0.1	<0.05	6	<0.5
RFX 52710	Soil	8	37	0.82	213	0.090	<1	1.78	0.022	0.04	0.1	0.02	6.5	<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 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 52711	Soil	1.1	15.4	7.0	56	<0.1	14.9	9.9	361	3.26	7.5	0.5	0.8	2.2	15	0.2	0.4	0.2	57	0.16	0.042
RFX 52712	Soil	0.7	16.9	6.3	47	<0.1	13.0	8.4	366	2.84	5.0	0.6	0.9	2.5	18	<0.1	0.6	0.1	53	0.22	0.036
RFX 52713	Soil	0.7	30.6	8.7	51	<0.1	26.1	12.0	266	3.13	10.1	0.6	3.1	4.1	23	<0.1	0.6	0.2	74	0.27	0.014
RFX 52714	Soil	0.9	23.7	6.9	46	<0.1	20.7	13.8	554	3.46	8.4	0.4	2.5	2.8	16	0.1	0.4	0.1	80	0.20	0.027
RFX 52715	Soil	1.4	25.8	4.3	51	<0.1	36.7	22.6	618	4.17	3.6	0.3	<0.5	1.7	11	<0.1	0.2	<0.1	112	0.29	0.042
RFX 52716	Soil	0.4	46.8	4.3	34	<0.1	24.9	11.9	157	2.08	9.5	0.4	0.8	3.2	8	<0.1	0.2	<0.1	50	0.36	0.157
RFX 52717	Soil	0.7	23.4	6.1	72	<0.1	29.2	20.9	668	5.10	5.9	0.6	0.7	5.7	17	<0.1	0.3	0.1	102	0.21	0.039
RFX 60242	Soil	0.8	32.6	17.8	55	<0.1	22.3	13.0	347	2.97	9.5	0.7	4.1	3.3	22	<0.1	1.2	0.1	71	0.26	0.026
RFX 60498	Soil	1.2	35.7	8.6	72	<0.1	20.7	17.9	431	4.31	8.6	0.4	0.8	2.2	12	0.1	0.5	0.1	99	0.16	0.055
RFX 60499	Soil	0.5	36.3	45.8	175	0.1	16.4	24.5	598	6.12	8.4	0.7	1.4	3.4	17	0.4	1.9	<0.1	107	0.40	0.111
RFX 60500	Soil	0.9	48.3	6.8	103	<0.1	15.9	20.4	727	5.92	6.7	1.1	0.9	4.4	22	<0.1	2.2	<0.1	120	0.35	0.056
RFX 60799	Soil	0.2	76.1	4.6	73	<0.1	18.7	28.0	613	4.24	3.3	0.4	0.7	2.9	30	<0.1	0.2	<0.1	83	0.58	0.129
RFX 60908	Soil	0.8	137.7	8.8	245	<0.1	40.2	37.2	696	5.90	6.4	1.7	<0.5	4.1	50	0.3	0.1	<0.1	125	0.57	0.076
RFX 60909	Soil	1.2	78.9	9.5	62	<0.1	30.2	22.1	626	3.60	10.0	1.5	3.5	4.0	25	<0.1	0.5	0.2	72	0.32	0.055
RFX 60910	Soil	0.8	53.7	6.6	53	0.1	20.2	20.3	414	3.49	4.5	0.8	1.9	1.8	41	0.3	0.4	0.1	65	1.13	0.085
RFX 60911	Soil	0.6	38.3	8.0	55	0.1	22.4	18.6	541	3.82	9.1	0.8	3.3	1.6	24	0.2	0.5	0.1	88	0.37	0.054
RFX 60912	Soil	0.8	36.7	7.7	62	<0.1	22.9	16.9	398	3.99	8.8	0.7	1.8	3.2	22	<0.1	0.6	0.1	86	0.27	0.042
RFX 60913	Soil	0.8	54.5	5.6	67	<0.1	21.4	17.1	448	3.76	19.5	0.7	0.7	1.8	24	0.2	1.1	0.1	80	0.41	0.074
RFX 60914	Soil	0.3	101.2	5.4	214	<0.1	48.4	29.4	972	7.78	5.5	1.1	<0.5	24.9	22	0.1	0.4	<0.1	139	0.67	0.142
RFX 60915	Soil	0.9	37.4	8.0	72	0.1	21.3	17.3	549	3.88	9.6	0.8	1.8	3.4	32	0.1	0.9	0.1	89	0.58	0.076
RFX 60916	Soil	0.6	30.4	6.4	57	<0.1	20.3	14.3	346	3.01	6.6	0.7	<0.5	3.6	24	<0.1	0.5	0.1	70	0.35	0.052
RFX 60917	Soil	0.8	36.5	7.9	59	0.2	20.3	12.1	279	3.01	7.0	1.1	2.2	1.6	28	0.1	0.5	0.1	72	0.39	0.062
RFX 60918	Soil	0.7	36.6	16.0	65	<0.1	25.9	16.0	431	3.53	6.9	0.9	2.1	4.6	31	<0.1	0.4	0.1	83	0.47	0.044
RFX 60919	Soil	0.7	25.0	7.6	56	<0.1	20.5	13.0	295	3.01	7.2	0.5	1.9	3.2	24	<0.1	0.4	0.1	75	0.32	0.032
RFX 60920	Soil	0.9	62.7	6.6	85	<0.1	24.2	22.6	456	4.85	8.8	0.3	0.5	2.8	28	0.1	0.5	<0.1	105	0.43	0.044
RFX 60921	Soil	0.7	26.6	5.5	82	<0.1	15.7	23.8	538	4.46	5.3	0.3	<0.5	2.1	32	<0.1	1.0	<0.1	99	0.52	0.089
RFX 60922	Soil	1.0	26.9	15.9	71	0.2	18.2	12.0	330	3.30	8.8	0.6	4.9	3.9	20	0.2	0.5	0.2	71	0.23	0.035
RFX 60923	Soil	0.7	18.0	7.4	81	<0.1	14.1	15.5	403	3.68	4.3	0.3	<0.5	1.6	27	0.2	0.3	0.1	98	0.30	0.046
RFX 60924	Soil	0.7	48.3	4.5	61	<0.1	14.3	29.4	787	4.85	4.3	0.4	<0.5	1.2	39	0.1	0.2	<0.1	101	0.37	0.076
RFX 60925	Soil	0.7	21.8	8.1	70	<0.1	17.4	15.1	474	3.80	6.7	0.5	<0.5	2.8	23	<0.1	2.5	0.1	91	0.26	0.028



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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 52711	Soil	8	26	0.38	242	0.056	<1	1.57	0.012	0.05	0.1	0.01	3.6	<0.1	<0.05	6	<0.5
RFX 52712	Soil	12	23	0.36	214	0.053	<1	1.21	0.012	0.04	0.1	0.02	4.0	<0.1	<0.05	4	<0.5
RFX 52713	Soil	13	43	0.60	256	0.082	<1	2.23	0.015	0.04	0.1	0.02	3.9	<0.1	<0.05	6	<0.5
RFX 52714	Soil	7	34	0.63	227	0.067	<1	2.03	0.015	0.04	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5
RFX 52715	Soil	5	72	1.27	161	0.049	<1	2.35	0.030	0.03	<0.1	<0.01	7.2	<0.1	<0.05	7	<0.5
RFX 52716	Soil	6	36	0.62	66	0.070	1	1.80	0.026	0.03	<0.1	0.01	2.3	<0.1	0.05	4	<0.5
RFX 52717	Soil	14	54	1.91	435	0.122	2	3.13	0.012	0.29	<0.1	0.01	7.4	0.2	<0.05	11	<0.5
RFX 60242	Soil	12	37	0.62	223	0.074	1	1.94	0.018	0.03	0.2	0.02	5.4	<0.1	<0.05	5	<0.5
RFX 60498	Soil	6	40	0.92	188	0.105	2	2.38	0.017	0.06	0.1	<0.01	4.2	<0.1	<0.05	8	<0.5
RFX 60499	Soil	16	17	0.70	364	0.029	3	1.46	0.022	0.09	0.1	0.05	13.9	0.1	<0.05	5	<0.5
RFX 60500	Soil	30	23	0.76	421	0.022	2	1.88	0.019	0.04	<0.1	0.02	10.3	<0.1	<0.05	7	0.7
RFX 60799	Soil	8	36	1.62	676	0.170	1	2.27	0.019	0.59	<0.1	<0.01	3.7	0.3	<0.05	7	<0.5
RFX 60908	Soil	16	89	2.27	482	0.259	1	3.53	0.036	0.28	<0.1	<0.01	6.8	0.1	0.11	10	0.5
RFX 60909	Soil	14	41	0.70	401	0.077	3	2.34	0.022	0.05	0.1	0.04	6.1	0.1	<0.05	6	0.8
RFX 60910	Soil	12	24	0.57	472	0.031	3	1.52	0.024	0.04	<0.1	0.05	6.0	<0.1	0.10	4	1.9
RFX 60911	Soil	11	39	0.99	345	0.054	3	2.39	0.021	0.05	0.1	0.03	7.3	0.1	<0.05	7	<0.5
RFX 60912	Soil	15	41	0.76	262	0.047	2	2.46	0.015	0.05	0.1	0.02	7.4	0.1	<0.05	6	<0.5
RFX 60913	Soil	13	30	0.88	334	0.043	3	1.81	0.022	0.07	<0.1	0.03	7.9	<0.1	<0.05	6	0.5
RFX 60914	Soil	46	90	2.20	856	0.330	2	3.49	0.020	1.44	<0.1	0.03	13.8	0.6	<0.05	15	0.7
RFX 60915	Soil	12	32	0.80	314	0.083	1	2.24	0.023	0.07	0.1	0.04	6.5	<0.1	<0.05	7	<0.5
RFX 60916	Soil	12	37	0.75	238	0.093	2	1.86	0.018	0.04	0.1	0.02	4.4	<0.1	<0.05	6	<0.5
RFX 60917	Soil	14	35	0.60	328	0.059	2	2.09	0.017	0.05	0.1	0.05	5.1	0.1	<0.05	6	<0.5
RFX 60918	Soil	16	60	0.99	282	0.106	1	2.25	0.020	0.04	0.1	0.02	8.0	<0.1	<0.05	7	<0.5
RFX 60919	Soil	9	45	0.77	202	0.097	1	2.16	0.019	0.04	0.1	0.02	4.1	<0.1	<0.05	7	<0.5
RFX 60920	Soil	7	58	1.14	183	0.201	1	2.46	0.021	0.05	<0.1	0.01	4.3	<0.1	<0.05	8	<0.5
RFX 60921	Soil	7	25	1.42	307	0.217	2	2.44	0.023	0.24	<0.1	0.01	3.7	0.2	<0.05	8	<0.5
RFX 60922	Soil	10	32	0.64	222	0.082	1	2.38	0.014	0.05	0.1	0.03	3.7	0.1	<0.05	6	<0.5
RFX 60923	Soil	6	28	1.22	262	0.204	1	2.25	0.017	0.13	<0.1	0.01	2.7	<0.1	<0.05	8	<0.5
RFX 60924	Soil	5	27	2.25	331	0.252	<1	3.12	0.012	0.53	<0.1	<0.01	1.9	0.3	<0.05	6	<0.5
RFX 60925	Soil	9	29	0.99	266	0.151	1	2.21	0.016	0.08	0.1	0.02	4.5	0.1	<0.05	7	<0.5



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Project: RFX
Report Date: September 18, 2009

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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 60926	Soil	0.8	18.5	7.9	77	<0.1	36.0	16.9	449	3.41	8.1	0.4	1.2	2.5	18	0.3	0.5	0.1	74	0.22	0.046
RFX 60927	Soil	0.9	27.9	8.9	60	<0.1	30.0	16.3	388	3.51	10.8	0.6	1.7	3.9	18	0.1	0.5	0.2	77	0.18	0.033
RFX 60928	Soil	0.6	28.5	8.0	54	<0.1	23.9	13.3	345	3.21	6.8	0.6	1.0	3.2	24	<0.1	0.4	0.2	78	0.36	0.037
RFX 60929	Soil	0.7	15.7	7.2	52	<0.1	23.1	13.5	362	3.50	7.6	0.4	0.7	2.5	19	0.1	0.4	0.1	96	0.23	0.031
RFX 60930	Soil	0.8	20.9	7.4	37	<0.1	11.4	8.3	247	2.58	6.2	0.3	<0.5	1.5	15	0.1	0.3	0.1	74	0.18	0.042
RFX 60931	Soil	0.5	45.7	13.3	90	<0.1	14.9	25.6	526	4.51	5.2	0.4	<0.5	2.0	69	0.2	0.2	<0.1	106	0.56	0.107
RFX 60932	Soil	0.6	31.0	14.4	106	<0.1	26.6	22.4	875	4.22	5.7	0.4	2.4	2.5	41	0.1	0.2	<0.1	74	0.33	0.163
RFX 60933	Soil	1.0	24.0	11.1	54	<0.1	26.5	16.4	318	3.81	9.6	0.4	0.9	2.8	23	0.1	0.5	0.1	86	0.21	0.028
RFX 60934	Soil	0.9	30.2	11.7	58	<0.1	20.8	13.6	359	3.53	8.7	0.5	1.6	2.4	24	0.1	0.4	0.2	84	0.24	0.053
RFX 60935	Soil	0.8	34.9	13.7	65	<0.1	24.6	12.9	334	3.49	7.4	0.7	3.1	4.3	23	<0.1	0.5	0.6	85	0.27	0.025
RFX 60936	Soil	0.5	26.0	9.0	75	<0.1	19.6	15.3	426	3.86	5.7	0.8	<0.5	5.1	29	<0.1	0.4	0.1	90	0.44	0.047
RFX 60937	Soil	0.7	14.5	6.9	61	<0.1	17.4	13.4	368	3.53	7.7	0.6	3.0	4.1	17	<0.1	0.6	0.2	68	0.25	0.040
RFX 60938	Soil	0.6	11.3	6.7	50	<0.1	12.3	10.4	339	2.68	5.7	0.6	2.1	3.3	15	<0.1	0.5	0.1	59	0.22	0.034
RFX 60939	Soil	0.5	20.6	4.4	78	<0.1	15.4	19.7	779	4.31	3.9	0.6	2.5	3.5	18	0.1	0.4	<0.1	88	0.39	0.084
RFX 60940	Soil	0.5	20.5	4.3	76	<0.1	14.9	19.4	782	4.27	3.4	0.6	0.6	3.2	18	<0.1	0.4	<0.1	88	0.40	0.088
RFX 61331	Soil	1.2	19.2	9.9	54	<0.1	23.2	12.3	342	3.21	10.2	0.6	<0.5	3.4	13	<0.1	0.5	0.2	73	0.14	0.028
RFX 61332	Soil	1.4	22.3	10.5	56	<0.1	18.6	10.0	374	3.26	8.7	1.0	1.7	4.1	14	<0.1	0.5	0.2	75	0.14	0.025
RFX 61333	Soil	1.2	20.2	9.6	58	<0.1	24.1	10.9	304	3.58	10.4	0.6	1.7	3.8	13	0.1	0.4	0.2	75	0.15	0.040
RFX 61334	Soil	1.1	20.9	9.0	55	<0.1	24.4	13.0	322	3.40	9.6	0.7	2.3	4.4	13	<0.1	0.5	0.2	74	0.15	0.022
RFX 61335	Soil	1.3	18.9	10.3	44	<0.1	17.7	9.3	226	3.47	8.8	0.6	1.7	2.3	13	<0.1	0.4	0.2	86	0.16	0.027
RFX 61336	Soil	0.9	27.7	9.2	60	<0.1	25.1	15.7	386	3.86	9.6	0.7	1.9	3.7	15	<0.1	0.4	0.1	85	0.19	0.028
RFX 61337	Soil	0.9	29.0	8.4	64	<0.1	20.3	14.2	464	3.77	7.0	0.8	1.4	2.4	19	<0.1	0.3	0.1	88	0.27	0.048
RFX 61338	Soil	0.9	27.9	6.9	79	<0.1	17.5	15.7	459	3.83	4.9	0.7	1.5	3.3	24	<0.1	0.3	<0.1	88	0.38	0.061
RFX 61339	Soil	0.9	21.0	8.7	57	<0.1	15.4	9.5	269	3.14	19.2	0.6	1.4	3.2	19	<0.1	0.5	0.1	75	0.29	0.034
RFX 61340	Soil	0.9	17.7	7.6	52	<0.1	19.7	11.2	291	3.22	8.6	0.6	0.9	3.4	18	<0.1	0.5	0.1	73	0.24	0.025
RFX 61341	Soil	0.9	14.2	8.2	51	<0.1	14.7	9.1	246	2.87	8.2	0.5	1.4	2.3	17	<0.1	0.4	0.1	69	0.24	0.032
RFX 61342	Soil	1.1	17.9	8.5	53	<0.1	16.1	11.7	318	3.48	8.1	0.6	3.8	3.4	15	<0.1	0.4	0.2	79	0.22	0.027
RFX 61343	Soil	0.8	18.4	10.0	47	<0.1	22.3	10.4	251	3.11	10.0	0.7	1.9	3.9	15	<0.1	0.4	0.1	67	0.20	0.025
RFX 61344	Soil	1.1	39.4	13.3	80	<0.1	26.4	8.3	238	3.10	46.2	0.9	2.2	3.2	15	0.2	0.5	0.2	64	0.14	0.021
RFX 61345	Soil	1.5	31.0	10.2	71	<0.1	30.7	12.5	272	3.47	11.2	0.8	0.8	4.9	10	0.2	0.5	0.2	73	0.10	0.026



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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 60926	Soil	7	66	1.00	236	0.150	1	2.48	0.020	0.17	0.1	0.01	2.9	0.1	<0.05	7	<0.5
RFX 60927	Soil	9	54	0.71	235	0.097	1	2.75	0.013	0.05	0.1	0.02	4.2	0.1	<0.05	7	<0.5
RFX 60928	Soil	11	48	0.80	271	0.089	1	2.07	0.019	0.04	0.1	0.02	4.6	0.1	<0.05	6	<0.5
RFX 60929	Soil	8	46	0.87	152	0.111	1	2.20	0.017	0.05	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5
RFX 60930	Soil	7	27	0.45	102	0.113	<1	1.27	0.021	0.04	<0.1	0.02	2.5	<0.1	<0.05	7	<0.5
RFX 60931	Soil	6	28	1.52	329	0.206	<1	2.62	0.028	0.49	<0.1	<0.01	3.9	0.2	<0.05	7	<0.5
RFX 60932	Soil	7	48	1.51	229	0.218	<1	2.58	0.018	0.54	<0.1	0.01	2.9	0.3	<0.05	10	<0.5
RFX 60933	Soil	7	47	0.74	207	0.115	1	2.79	0.018	0.04	<0.1	<0.01	3.3	<0.1	<0.05	7	<0.5
RFX 60934	Soil	9	43	0.62	181	0.121	1	1.88	0.014	0.06	0.1	0.02	3.0	<0.1	<0.05	7	<0.5
RFX 60935	Soil	11	45	0.79	243	0.103	2	2.68	0.018	0.06	0.1	0.01	4.2	0.1	<0.05	6	<0.5
RFX 60936	Soil	17	41	1.07	242	0.116	1	2.47	0.020	0.05	0.1	0.01	6.1	<0.1	<0.05	8	<0.5
RFX 60937	Soil	11	27	0.66	287	0.048	2	2.14	0.009	0.10	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5
RFX 60938	Soil	12	22	0.53	207	0.052	2	1.60	0.010	0.06	0.1	0.01	2.6	<0.1	<0.05	6	<0.5
RFX 60939	Soil	9	30	1.34	314	0.112	1	2.64	0.014	0.34	0.2	<0.01	3.7	0.1	<0.05	8	<0.5
RFX 60940	Soil	9	30	1.35	310	0.117	1	2.64	0.017	0.34	0.2	<0.01	3.6	0.1	<0.05	8	<0.5
RFX 61331	Soil	9	41	0.54	179	0.064	2	2.72	0.009	0.05	0.1	0.03	3.1	0.1	<0.05	7	0.7
RFX 61332	Soil	14	39	0.55	252	0.070	2	2.31	0.010	0.05	0.1	0.03	4.0	0.2	<0.05	7	0.6
RFX 61333	Soil	10	42	0.62	197	0.082	2	2.44	0.009	0.12	0.1	0.02	2.5	0.1	<0.05	7	0.7
RFX 61334	Soil	11	42	0.67	241	0.093	2	2.63	0.010	0.05	0.1	0.02	3.4	0.1	<0.05	7	<0.5
RFX 61335	Soil	9	35	0.48	239	0.067	2	2.11	0.009	0.04	0.1	0.02	3.1	0.2	<0.05	8	<0.5
RFX 61336	Soil	9	46	0.76	246	0.090	2	2.80	0.011	0.05	0.1	0.02	3.9	0.1	<0.05	8	<0.5
RFX 61337	Soil	14	38	0.89	334	0.109	2	2.42	0.011	0.15	0.1	0.03	3.6	0.1	<0.05	8	<0.5
RFX 61338	Soil	10	30	1.20	300	0.152	1	2.51	0.014	0.20	0.1	0.01	3.1	0.1	<0.05	7	<0.5
RFX 61339	Soil	14	30	0.72	356	0.087	1	2.16	0.010	0.07	0.1	0.01	3.0	0.1	<0.05	7	<0.5
RFX 61340	Soil	11	33	0.65	221	0.079	2	2.13	0.013	0.05	0.1	0.02	3.2	0.1	<0.05	6	<0.5
RFX 61341	Soil	9	25	0.59	238	0.061	1	1.93	0.010	0.04	0.1	0.01	2.7	0.1	<0.05	6	<0.5
RFX 61342	Soil	10	29	0.70	235	0.062	2	2.41	0.009	0.05	0.1	0.01	3.5	0.1	<0.05	8	<0.5
RFX 61343	Soil	12	31	0.59	202	0.073	2	2.24	0.009	0.06	0.1	0.02	3.1	0.1	<0.05	6	<0.5
RFX 61344	Soil	13	34	0.73	196	0.064	1	1.90	0.009	0.07	<0.1	<0.01	2.2	0.1	<0.05	7	0.7
RFX 61345	Soil	11	39	0.69	178	0.057	1	2.60	0.007	0.05	0.1	0.02	2.2	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	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	0.1	2	0.01
RFX 61346	Soil	1.6	39.6	56.7	56	0.3	30.4	13.4	315	3.28	12.4	1.0	7.8	6.0	12	0.3	0.9	0.2	66	0.11	0.024	
RFX 61347	Soil	0.9	44.7	10.6	87	<0.1	32.3	20.2	362	4.24	5.9	0.6	<0.5	4.7	17	<0.1	0.3	0.4	94	0.21	0.022	
RFX 61348	Soil	1.4	17.9	10.3	41	0.1	17.6	9.5	243	3.25	7.7	0.5	2.0	2.8	11	<0.1	0.5	0.2	81	0.14	0.028	
RFX 61349	Soil	0.4	15.1	4.1	72	<0.1	16.1	23.2	545	3.93	5.0	0.5	0.9	1.8	17	<0.1	0.3	<0.1	97	0.24	0.040	
RFX 61350	Soil	0.7	26.6	6.9	66	<0.1	9.8	17.4	525	4.57	4.5	0.4	0.9	1.6	12	<0.1	0.3	0.1	104	0.19	0.067	
RFX 61351	Soil	0.6	20.4	6.0	62	<0.1	23.3	16.0	356	3.55	8.6	0.5	1.0	2.0	16	0.1	0.3	0.1	79	0.23	0.028	
RFX 61352	Soil	1.1	21.9	10.0	65	<0.1	20.7	17.7	431	4.15	9.4	0.3	1.8	1.7	20	0.1	0.4	0.2	98	0.23	0.044	
RFX 61353	Soil	1.2	15.9	9.8	37	<0.1	17.1	8.4	170	2.97	8.2	0.5	1.6	2.2	16	<0.1	0.4	0.2	69	0.18	0.029	
RFX 61354	Soil	1.4	26.7	11.3	69	<0.1	23.5	11.7	297	3.71	10.2	1.0	1.6	6.6	19	<0.1	0.6	0.2	78	0.21	0.021	
RFX 61355	Soil	1.1	19.2	9.5	57	0.2	25.1	11.8	234	3.33	22.9	0.5	2.2	3.7	15	0.2	0.5	0.1	72	0.16	0.021	
RFX 61356	Soil	2.0	24.0	17.9	120	<0.1	20.6	11.5	233	3.77	11.1	1.1	1.6	6.9	13	0.2	0.4	0.2	54	0.16	0.021	
RFX 61357	Soil	1.8	22.1	20.6	62	0.2	21.3	8.9	198	2.84	13.7	0.9	2.3	4.6	14	0.2	0.4	0.3	58	0.17	0.019	
RFX 61358	Soil	1.8	19.6	39.4	115	<0.1	16.1	6.8	182	2.63	11.7	0.6	0.9	3.0	12	0.3	0.4	0.2	47	0.14	0.025	
RFX 61359	Soil	1.7	17.3	62.4	89	0.2	17.7	7.8	344	2.86	10.3	0.5	2.3	2.0	17	0.6	0.5	0.2	65	0.21	0.035	
RFX 61360	Soil	1.1	63.5	8.0	135	<0.1	24.3	19.1	408	4.48	5.4	0.5	0.7	3.2	16	0.2	0.3	0.1	99	0.27	0.036	
RFX 61361	Soil	1.3	14.1	10.6	59	<0.1	17.7	10.0	225	4.06	10.1	0.4	1.2	2.5	14	0.1	0.6	0.2	95	0.18	0.034	
RFX 61362	Soil	1.2	16.8	10.4	55	<0.1	21.3	10.6	279	3.30	9.4	0.5	2.7	2.8	15	0.2	0.5	0.2	76	0.22	0.030	
RFX 61363	Soil	0.9	29.7	11.2	76	<0.1	20.8	17.6	397	3.71	6.9	0.5	<0.5	3.0	25	<0.1	1.0	0.2	81	0.26	0.029	
RFX 61364	Soil	0.9	33.7	11.1	80	<0.1	21.2	19.1	446	3.71	6.1	0.5	0.7	2.9	24	<0.1	1.0	0.2	82	0.30	0.034	
RFX 61365	Soil	1.1	20.7	10.8	54	<0.1	22.1	11.9	290	3.20	9.1	0.5	1.9	3.2	19	0.1	0.7	0.2	68	0.19	0.033	
RFX 61366	Soil	1.2	32.2	8.4	76	<0.1	18.3	14.9	677	3.82	8.8	0.8	0.9	5.5	29	0.3	3.1	0.2	71	0.39	0.027	
RFX 67404	Soil	0.8	26.4	10.1	59	<0.1	39.1	13.3	433	3.16	6.5	0.8	<0.5	4.0	24	<0.1	0.5	0.2	71	0.26	0.030	
RFX 67405	Soil	0.7	43.2	10.0	63	<0.1	26.4	12.9	452	3.16	9.4	1.1	1.9	5.6	32	<0.1	0.6	0.2	71	0.33	0.035	
RFX 67406	Soil	0.6	29.3	9.9	56	<0.1	21.5	11.4	353	2.74	4.8	0.8	1.4	7.7	26	<0.1	0.4	0.1	55	0.29	0.031	
RFX 67407	Soil	1.1	14.2	9.6	54	<0.1	16.2	9.6	287	2.87	7.1	0.6	<0.5	6.0	17	0.1	0.4	0.2	62	0.15	0.031	
RFX 67408	Soil	0.7	78.1	19.2	86	<0.1	29.2	13.8	499	3.60	7.7	0.9	3.3	5.9	29	<0.1	0.5	1.6	80	0.37	0.034	
RFX 67409	Soil	0.4	32.7	8.4	61	<0.1	28.2	12.5	336	3.05	5.3	0.6	1.9	3.7	29	<0.1	0.3	0.1	76	0.31	0.026	
RFX 67410	Soil	0.9	20.0	9.8	52	<0.1	23.2	14.4	338	3.22	12.9	0.6	2.1	5.1	18	<0.1	0.5	0.2	71	0.19	0.030	
RFX 67411	Soil	0.7	31.7	9.1	49	<0.1	26.7	12.2	344	3.06	9.4	0.8	1.8	4.6	22	<0.1	0.5	0.2	72	0.22	0.036	
RFX 67412	Soil	1.0	34.4	12.6	69	<0.1	69.1	18.1	432	4.11	8.8	0.6	1.2	4.5	28	0.1	0.5	0.2	98	0.33	0.039	



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Project: RFX
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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 61346	Soil	15	42	0.54	170	0.061	2	2.58	0.010	0.06	0.1	0.04	3.2	0.1	<0.05	6	<0.5
RFX 61347	Soil	15	42	1.32	271	0.177	<1	3.09	0.010	0.27	<0.1	<0.01	2.4	0.3	<0.05	7	<0.5
RFX 61348	Soil	9	33	0.48	230	0.063	1	2.18	0.010	0.05	0.1	0.01	2.3	0.1	<0.05	8	<0.5
RFX 61349	Soil	8	28	1.65	308	0.255	<1	2.85	0.012	0.66	<0.1	<0.01	2.4	0.3	<0.05	7	<0.5
RFX 61350	Soil	4	20	1.28	191	0.116	<1	2.32	0.008	0.27	0.1	<0.01	2.8	0.1	<0.05	8	<0.5
RFX 61351	Soil	7	30	1.03	277	0.101	1	2.53	0.010	0.14	<0.1	0.01	2.7	0.1	<0.05	7	<0.5
RFX 61352	Soil	5	32	1.01	226	0.149	<1	2.60	0.011	0.10	0.1	0.01	1.8	<0.1	<0.05	8	<0.5
RFX 61353	Soil	8	28	0.40	221	0.052	<1	2.19	0.009	0.04	0.1	0.02	2.2	0.1	<0.05	7	<0.5
RFX 61354	Soil	18	39	0.65	330	0.077	<1	2.47	0.011	0.09	0.1	0.02	4.1	0.1	<0.05	7	0.6
RFX 61355	Soil	10	36	0.59	217	0.078	1	2.43	0.009	0.07	0.1	0.02	2.6	0.1	<0.05	6	<0.5
RFX 61356	Soil	23	27	0.60	242	0.045	<1	2.09	0.010	0.07	<0.1	0.01	3.7	0.1	<0.05	6	0.7
RFX 61357	Soil	19	26	0.32	234	0.042	<1	1.58	0.009	0.05	<0.1	0.01	2.6	0.1	<0.05	5	0.5
RFX 61358	Soil	17	19	0.21	197	0.024	<1	1.27	0.008	0.05	<0.1	0.01	1.8	<0.1	<0.05	5	<0.5
RFX 61359	Soil	15	26	0.35	399	0.036	<1	1.75	0.012	0.07	<0.1	0.01	2.4	<0.1	<0.05	6	0.6
RFX 61360	Soil	11	46	1.35	252	0.161	1	2.81	0.013	0.37	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5
RFX 61361	Soil	8	39	0.64	163	0.064	<1	2.17	0.008	0.09	0.1	0.01	2.9	0.1	<0.05	8	<0.5
RFX 61362	Soil	9	34	0.49	262	0.063	<1	2.39	0.010	0.06	<0.1	0.01	2.3	<0.1	<0.05	8	<0.5
RFX 61363	Soil	8	38	1.10	212	0.088	<1	2.17	0.011	0.11	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5
RFX 61364	Soil	7	41	1.19	219	0.094	1	2.39	0.011	0.11	<0.1	<0.01	3.7	<0.1	<0.05	6	<0.5
RFX 61365	Soil	11	37	0.50	311	0.045	<1	2.08	0.011	0.06	0.1	0.02	2.9	<0.1	<0.05	6	<0.5
RFX 61366	Soil	16	26	0.57	451	0.021	1	1.91	0.009	0.10	<0.1	0.01	3.7	0.2	<0.05	5	<0.5
RFX 67404	Soil	21	106	0.88	411	0.037	1	2.12	0.011	0.05	0.1	0.02	5.0	0.1	<0.05	6	<0.5
RFX 67405	Soil	19	44	0.66	519	0.074	1	2.05	0.015	0.05	0.1	0.05	7.1	<0.1	<0.05	5	<0.5
RFX 67406	Soil	31	44	0.70	530	0.041	<1	1.64	0.013	0.06	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5
RFX 67407	Soil	12	29	0.50	201	0.046	<1	1.85	0.011	0.05	0.1	0.01	2.5	<0.1	<0.05	6	<0.5
RFX 67408	Soil	21	60	0.85	381	0.067	<1	2.27	0.013	0.06	<0.1	0.04	8.9	0.1	<0.05	7	<0.5
RFX 67409	Soil	14	54	0.93	274	0.119	1	2.16	0.017	0.04	<0.1	0.01	4.4	<0.1	<0.05	6	<0.5
RFX 67410	Soil	9	44	0.60	259	0.077	2	2.58	0.013	0.06	<0.1	0.06	3.7	0.2	<0.05	6	<0.5
RFX 67411	Soil	12	41	0.63	255	0.084	1	2.58	0.012	0.04	0.2	0.03	4.2	0.1	<0.05	6	<0.5
RFX 67412	Soil	10	130	1.19	331	0.127	1	2.82	0.013	0.11	0.1	0.01	4.7	0.1	<0.05	8	<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 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 67413	Soil	0.4	54.3	5.1	74	<0.1	19.9	22.7	580	4.14	4.2	0.4	<0.5	3.5	42	<0.1	0.3	<0.1	91	0.54	0.061
RFX 67414	Soil	0.7	40.7	11.1	62	<0.1	28.9	14.3	590	3.49	9.0	0.7	3.6	4.0	40	<0.1	0.6	0.2	85	0.45	0.036
RFX 67415	Soil	0.5	53.8	12.7	68	<0.1	36.4	13.9	398	3.11	6.9	1.1	1.0	5.5	35	0.1	0.4	0.2	72	0.49	0.066
RFX 67416	Soil	0.4	31.0	8.8	63	<0.1	19.3	14.4	520	3.42	9.5	0.7	2.1	4.4	29	<0.1	1.3	0.2	75	0.43	0.043
RFX 67417	Soil	0.4	32.2	7.3	87	<0.1	19.5	22.5	882	4.50	5.4	0.5	1.6	3.7	29	0.1	0.3	0.1	97	0.48	0.085
RFX 67418	Soil	0.6	23.5	10.0	76	<0.1	19.9	16.6	539	3.86	7.1	0.6	<0.5	3.7	28	0.1	0.5	0.1	82	0.37	0.057
RFX 67419	Soil	0.6	39.5	7.4	97	<0.1	16.1	24.8	815	4.84	4.4	0.4	2.3	3.2	25	0.1	0.2	<0.1	105	0.38	0.075
RFX 67420	Soil	0.7	59.8	9.3	65	<0.1	27.2	13.1	483	3.16	7.7	0.7	2.3	3.6	30	<0.1	0.5	0.2	77	0.47	0.035
RFX 67421	Soil	0.8	78.0	11.3	62	<0.1	23.4	11.8	519	3.20	13.1	0.7	1.5	3.1	26	0.1	1.1	0.2	73	0.62	0.039
RFX 67422	Soil	0.5	24.1	9.2	86	<0.1	15.4	20.3	757	4.86	9.8	1.0	<0.5	5.5	21	0.1	1.3	0.3	94	0.28	0.040
RFX 67423	Soil	0.3	18.4	11.6	100	<0.1	11.8	22.8	1204	5.62	3.5	1.9	<0.5	15.3	23	<0.1	1.6	<0.1	79	0.61	0.162
RFX 67424	Soil	0.3	22.4	8.7	81	<0.1	17.7	19.6	671	3.94	4.5	0.6	1.3	5.1	41	<0.1	0.3	0.1	85	0.45	0.054
RFX 67425	Soil	0.4	14.7	63.0	125	<0.1	13.9	17.3	997	5.49	27.4	2.5	3.1	14.8	25	<0.1	0.5	0.2	103	0.26	0.032
RFX 67426	Soil	0.7	24.8	6.9	74	<0.1	24.3	18.8	523	4.14	5.8	0.5	<0.5	4.1	26	<0.1	0.3	0.1	96	0.29	0.037
RFX 67427	Soil	0.9	18.1	9.0	66	<0.1	16.6	11.9	433	4.15	7.2	0.5	2.9	5.0	19	<0.1	0.4	0.2	108	0.23	0.054
RFX 67428	Soil	0.8	27.7	8.2	81	<0.1	12.1	17.4	709	5.22	6.8	1.0	<0.5	5.9	19	0.1	1.3	0.4	97	0.19	0.056
RFX 67429	Soil	0.6	36.9	7.9	78	<0.1	19.0	14.6	566	4.06	6.5	0.8	<0.5	10.7	21	<0.1	0.4	<0.1	100	0.24	0.051
RFX 67430	Soil	0.3	32.7	5.0	86	<0.1	16.0	18.5	642	4.17	4.1	0.8	<0.5	13.7	23	<0.1	0.3	<0.1	96	0.33	0.067
RFX 67431	Soil	0.5	24.4	9.4	74	<0.1	20.3	14.6	555	3.97	6.3	0.9	0.9	6.2	30	<0.1	0.4	0.1	97	0.34	0.046
RFX 67432	Soil	0.6	38.9	7.2	62	<0.1	27.7	18.3	483	3.82	6.7	0.8	2.6	5.2	26	<0.1	0.4	0.1	98	0.35	0.053
RFX 67433	Soil	1.0	12.3	9.6	100	<0.1	13.3	21.8	1293	5.65	10.7	1.7	1.0	12.0	22	<0.1	0.7	<0.1	115	0.40	0.081
RFX 67434	Soil	0.8	31.3	3.4	103	0.1	25.0	33.8	774	7.57	0.9	0.4	2.1	1.9	60	0.2	<0.1	<0.1	59	1.49	0.268
RFX 67435	Soil	1.3	81.3	8.0	87	<0.1	45.1	25.9	1405	4.97	5.1	0.7	<0.5	3.9	30	0.1	0.3	<0.1	103	0.53	0.071
RFX 67436	Soil	0.2	78.7	4.5	74	<0.1	19.8	28.1	601	4.10	2.9	0.4	0.5	2.6	23	<0.1	0.1	<0.1	87	0.55	0.092
RFX 67437	Soil	0.6	30.7	5.8	52	<0.1	25.1	14.6	445	2.98	4.3	0.4	2.2	3.0	18	<0.1	0.3	<0.1	72	0.37	0.043



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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 67413	Soil	9	37	1.58	343	0.233	<1	2.78	0.014	0.21	<0.1	<0.01	3.4	0.2	<0.05	7	<0.5
RFX 67414	Soil	16	47	0.82	378	0.111	1	2.45	0.022	0.06	0.1	0.03	8.0	0.1	<0.05	6	<0.5
RFX 67415	Soil	16	76	1.06	320	0.109	1	2.09	0.019	0.05	0.1	0.01	4.5	0.1	<0.05	6	<0.5
RFX 67416	Soil	16	30	0.70	487	0.042	3	1.83	0.016	0.07	0.1	0.04	6.8	0.3	<0.05	5	0.6
RFX 67417	Soil	10	28	1.56	292	0.162	1	2.83	0.012	0.26	0.1	0.01	3.9	0.1	<0.05	7	<0.5
RFX 67418	Soil	12	31	0.96	352	0.070	2	2.55	0.013	0.07	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5
RFX 67419	Soil	7	33	2.01	275	0.242	2	3.57	0.017	0.41	<0.1	0.01	4.4	0.2	<0.05	9	<0.5
RFX 67420	Soil	15	46	0.83	251	0.105	1	1.81	0.019	0.05	0.1	0.02	6.3	<0.1	<0.05	5	<0.5
RFX 67421	Soil	12	38	0.74	230	0.071	2	2.06	0.017	0.05	0.2	0.04	5.5	0.2	<0.05	6	<0.5
RFX 67422	Soil	11	25	1.13	203	0.046	2	2.52	0.012	0.08	<0.1	0.02	5.3	0.3	<0.05	8	<0.5
RFX 67423	Soil	25	12	1.38	665	0.084	1	2.69	0.010	0.62	<0.1	<0.01	8.7	0.4	<0.05	7	<0.5
RFX 67424	Soil	21	28	1.45	480	0.195	1	2.56	0.015	0.31	0.1	<0.01	4.1	0.2	<0.05	7	<0.5
RFX 67425	Soil	24	28	1.02	705	0.041	8	2.29	0.014	0.25	0.2	0.02	13.4	0.5	<0.05	8	<0.5
RFX 67426	Soil	9	39	1.64	206	0.240	4	3.14	0.013	0.40	0.1	0.02	2.8	0.3	<0.05	7	<0.5
RFX 67427	Soil	10	31	1.28	169	0.167	2	2.64	0.014	0.18	<0.1	0.02	4.9	0.2	<0.05	9	<0.5
RFX 67428	Soil	10	20	1.05	127	0.032	2	2.17	0.007	0.19	<0.1	<0.01	5.9	0.1	<0.05	7	<0.5
RFX 67429	Soil	17	32	1.43	212	0.177	<1	2.89	0.014	0.40	<0.1	0.01	4.9	0.2	<0.05	9	<0.5
RFX 67430	Soil	22	27	1.67	246	0.202	<1	3.00	0.016	0.39	<0.1	<0.01	6.3	0.2	<0.05	10	<0.5
RFX 67431	Soil	17	32	1.20	261	0.173	<1	2.60	0.016	0.22	<0.1	0.01	4.9	0.1	<0.05	8	<0.5
RFX 67432	Soil	14	64	1.33	229	0.163	1	2.91	0.019	0.20	<0.1	0.02	5.7	0.2	<0.05	8	<0.5
RFX 67433	Soil	19	20	1.19	344	0.099	2	2.37	0.010	0.44	<0.1	0.03	11.6	0.5	<0.05	7	<0.5
RFX 67434	Soil	27	8	1.90	398	0.101	<1	2.10	0.088	0.16	<0.1	0.02	5.1	0.1	<0.05	7	<0.5
RFX 67435	Soil	12	84	1.54	590	0.107	2	2.66	0.012	0.23	<0.1	0.02	10.7	0.2	<0.05	9	<0.5
RFX 67436	Soil	8	37	1.59	610	0.174	1	2.27	0.014	0.57	<0.1	<0.01	3.8	0.2	<0.05	7	<0.5
RFX 67437	Soil	9	45	0.88	176	0.103	2	1.75	0.015	0.06	<0.1	0.01	4.5	<0.1	<0.05	5	<0.5



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QUALITY CONTROL REPORT

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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	%	%
		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 52549	Soil	0.5	33.9	6.1	57	<0.1	20.7	14.2	401	3.78	6.1	0.6	1.6	2.6	22	<0.1	0.4	<0.1	89	0.35	0.032
REP RFX 52549	QC	0.6	35.5	6.1	60	<0.1	21.2	14.6	408	3.83	6.3	0.6	2.9	2.8	23	<0.1	0.4	0.1	92	0.36	0.033
RFX 52571	Soil	0.9	24.3	6.1	146	<0.1	7.2	7.8	934	6.23	7.1	0.7	<0.5	5.6	10	0.1	0.3	<0.1	41	0.10	0.035
REP RFX 52571	QC	0.9	25.2	6.1	144	<0.1	7.5	8.1	936	6.31	7.2	0.7	<0.5	5.7	11	0.1	0.4	<0.1	42	0.11	0.036
RFX 52702	Soil	1.0	38.8	7.6	54	<0.1	23.8	15.0	294	3.44	9.2	0.4	2.1	2.6	18	<0.1	0.4	0.1	91	0.21	0.027
REP RFX 52702	QC	1.0	39.9	7.5	56	<0.1	24.4	15.1	298	3.56	9.8	0.4	1.8	2.6	18	<0.1	0.4	0.1	94	0.21	0.028
RFX 52717	Soil	0.7	23.4	6.1	72	<0.1	29.2	20.9	668	5.10	5.9	0.6	0.7	5.7	17	<0.1	0.3	0.1	102	0.21	0.039
REP RFX 52717	QC	0.6	23.8	5.9	75	<0.1	27.7	20.1	670	4.96	5.7	0.6	<0.5	5.7	16	<0.1	0.3	0.1	99	0.22	0.038
RFX 60928	Soil	0.6	28.5	8.0	54	<0.1	23.9	13.3	345	3.21	6.8	0.6	1.0	3.2	24	<0.1	0.4	0.2	78	0.36	0.037
REP RFX 60928	QC	0.7	30.4	8.1	55	<0.1	25.7	13.7	352	3.29	7.0	0.6	0.5	3.1	26	<0.1	0.4	0.1	83	0.37	0.039
RFX 61344	Soil	1.1	39.4	13.3	80	<0.1	26.4	8.3	238	3.10	46.2	0.9	2.2	3.2	15	0.2	0.5	0.2	64	0.14	0.021
REP RFX 61344	QC	1.2	38.9	12.8	80	<0.1	25.8	7.6	236	3.01	46.6	0.9	1.2	3.2	15	0.2	0.5	0.2	62	0.15	0.022
RFX 61348	Soil	1.4	17.9	10.3	41	0.1	17.6	9.5	243	3.25	7.7	0.5	2.0	2.8	11	<0.1	0.5	0.2	81	0.14	0.028
REP RFX 61348	QC	1.4	17.9	10.4	40	<0.1	17.1	9.7	241	3.27	8.0	0.5	1.6	2.9	12	<0.1	0.5	0.2	81	0.14	0.028
RFX 67405	Soil	0.7	43.2	10.0	63	<0.1	26.4	12.9	452	3.16	9.4	1.1	1.9	5.6	32	<0.1	0.6	0.2	71	0.33	0.035
REP RFX 67405	QC	0.7	46.8	9.7	60	<0.1	27.1	13.4	476	3.19	9.2	1.0	5.8	5.3	31	<0.1	0.6	0.2	72	0.32	0.037
RFX 67424	Soil	0.3	22.4	8.7	81	<0.1	17.7	19.6	671	3.94	4.5	0.6	1.3	5.1	41	<0.1	0.3	0.1	85	0.45	0.054
REP RFX 67424	QC	0.3	22.5	8.0	83	<0.1	18.0	19.9	730	4.13	4.3	0.7	4.0	5.4	42	<0.1	0.2	0.1	89	0.43	0.056
RFX 67436	Soil	0.2	78.7	4.5	74	<0.1	19.8	28.1	601	4.10	2.9	0.4	0.5	2.6	23	<0.1	0.1	<0.1	87	0.55	0.092
REP RFX 67436	QC	0.3	79.5	4.3	76	<0.1	19.0	27.1	597	4.12	2.9	0.3	<0.5	2.9	24	<0.1	0.1	<0.1	85	0.57	0.097
Reference Materials																					
STD DS7	Standard	21.4	111.1	72.0	405	0.9	58.0	9.4	615	2.37	49.8	4.5	77.8	4.1	62	6.2	5.3	4.4	87	0.93	0.077
STD DS7	Standard	22.0	115.3	70.6	407	0.9	60.8	10.1	634	2.46	53.7	5.1	68.1	4.6	72	6.8	6.2	4.8	87	0.92	0.082
STD DS7	Standard	22.0	112.1	72.0	420	0.8	58.8	10.3	645	2.57	57.3	5.4	72.3	5.1	80	7.4	6.7	5.3	91	1.04	0.090
STD DS7	Standard	20.1	107.9	72.9	380	0.8	58.0	9.6	580	2.25	47.1	4.6	59.6	4.1	57	5.9	4.8	4.1	84	0.92	0.071
STD DS7	Standard	20.6	115.0	80.7	407	0.9	57.8	9.6	612	2.43	51.6	5.4	73.0	5.0	79	6.5	6.5	5.4	88	0.99	0.076
STD DS7	Standard	20.8	93.7	63.5	377	0.8	57.8	9.9	612	2.37	52.0	4.8	71.3	4.2	60	5.6	5.1	3.9	85	0.97	0.077
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



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Project: RFX
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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
Pulp Duplicates																	
RFX 52549	Soil	12	32	0.84	234	0.064	<1	2.03	0.020	0.05	<0.1	0.03	9.0	<0.1	<0.05	6	<0.5
REP RFX 52549	QC	13	32	0.86	244	0.071	<1	2.08	0.021	0.05	<0.1	0.04	9.2	<0.1	<0.05	6	<0.5
RFX 52571	Soil	9	14	1.04	222	0.170	<1	2.86	0.010	0.33	<0.1	<0.01	5.8	0.2	<0.05	15	<0.5
REP RFX 52571	QC	9	15	1.04	220	0.175	<1	2.80	0.012	0.33	<0.1	<0.01	6.0	0.2	<0.05	15	<0.5
RFX 52702	Soil	7	37	0.60	170	0.107	<1	2.44	0.016	0.04	0.1	0.01	3.5	<0.1	<0.05	6	<0.5
REP RFX 52702	QC	7	39	0.62	170	0.110	<1	2.54	0.020	0.04	<0.1	0.02	3.6	<0.1	<0.05	7	<0.5
RFX 52717	Soil	14	54	1.91	435	0.122	2	3.13	0.012	0.29	<0.1	0.01	7.4	0.2	<0.05	11	<0.5
REP RFX 52717	QC	14	52	1.94	438	0.117	2	3.25	0.013	0.31	<0.1	<0.01	7.5	0.2	<0.05	11	<0.5
RFX 60928	Soil	11	48	0.80	271	0.089	1	2.07	0.019	0.04	0.1	0.02	4.6	0.1	<0.05	6	<0.5
REP RFX 60928	QC	11	49	0.86	273	0.092	1	2.18	0.020	0.04	0.1	0.02	4.8	0.1	<0.05	7	<0.5
RFX 61344	Soil	13	34	0.73	196	0.064	1	1.90	0.009	0.07	<0.1	<0.01	2.2	0.1	<0.05	7	0.7
REP RFX 61344	QC	13	34	0.71	188	0.063	1	1.87	0.009	0.07	<0.1	0.01	2.0	0.1	<0.05	7	0.5
RFX 61348	Soil	9	33	0.48	230	0.063	1	2.18	0.010	0.05	0.1	0.01	2.3	0.1	<0.05	8	<0.5
REP RFX 61348	QC	8	32	0.48	227	0.064	<1	2.17	0.009	0.05	<0.1	0.02	2.4	0.1	<0.05	8	<0.5
RFX 67405	Soil	19	44	0.66	519	0.074	1	2.05	0.015	0.05	0.1	0.05	7.1	<0.1	<0.05	5	<0.5
REP RFX 67405	QC	18	44	0.66	511	0.078	1	2.10	0.017	0.05	<0.1	0.05	6.9	<0.1	<0.05	5	<0.5
RFX 67424	Soil	21	28	1.45	480	0.195	1	2.56	0.015	0.31	0.1	<0.01	4.1	0.2	<0.05	7	<0.5
REP RFX 67424	QC	20	28	1.43	469	0.196	<1	2.57	0.012	0.31	0.1	0.02	4.2	0.2	<0.05	7	<0.5
RFX 67436	Soil	8	37	1.59	610	0.174	1	2.27	0.014	0.57	<0.1	<0.01	3.8	0.2	<0.05	7	<0.5
REP RFX 67436	QC	8	37	1.61	610	0.183	2	2.32	0.015	0.57	<0.1	<0.01	3.8	0.2	<0.05	7	0.9
Reference Materials																	
STD DS7	Standard	12	183	1.01	394	0.118	37	0.95	0.087	0.42	4.2	0.19	2.2	4.5	0.20	5	3.7
STD DS7	Standard	12	184	1.05	400	0.120	39	0.96	0.089	0.42	4.3	0.19	2.3	4.3	0.21	4	3.5
STD DS7	Standard	13	184	1.10	428	0.125	44	1.08	0.099	0.48	4.3	0.20	2.5	4.7	0.23	5	3.5
STD DS7	Standard	12	177	0.97	347	0.116	38	0.90	0.063	0.40	4.1	0.18	2.1	4.0	0.20	4	3.6
STD DS7	Standard	13	179	1.02	397	0.127	46	1.01	0.092	0.44	4.1	0.21	2.5	4.5	0.22	5	3.4
STD DS7	Standard	12	174	1.03	394	0.100	40	1.00	0.086	0.41	4.5	0.19	1.9	4.3	0.20	5	3.9
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



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		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
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
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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QUALITY CONTROL REPORT

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		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
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
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