Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
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: December 03, 2009
Page: 1 of 12

CERTIFICATE OF ANALYSIS VAN09005531.1

CLIENT JOB INFORMATION

Project: JPR
Shipment ID: JPR 1
P.O. Number
Number of Samples: 302

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	302	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	302	Dry at 60C			VAN
1DX15	302	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

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

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 64952	Soil	0.5	27.4	1.6	52	<0.1	7.9	15.6	466	3.71	1.5	1.0	<0.5	4.7	20	<0.1	<0.1	<0.1	76	0.62	0.181
JPR 79645	Soil	0.6	30.0	4.7	97	<0.1	24.9	19.7	761	4.75	4.6	0.9	1.6	5.9	33	<0.1	0.3	<0.1	63	0.46	0.088
JPR 79646	Soil	0.8	26.0	5.9	75	<0.1	21.8	15.2	470	3.74	6.5	0.7	3.6	4.7	20	<0.1	0.4	0.1	61	0.31	0.082
JPR 79648	Soil	0.8	25.1	4.9	65	<0.1	24.3	16.7	518	3.79	6.0	0.6	1.6	5.5	17	0.1	0.4	0.1	65	0.23	0.049
JPR 79702	Soil	0.6	21.3	7.5	79	<0.1	17.4	10.9	493	3.17	6.2	0.8	21.5	6.0	20	0.1	0.4	0.1	62	0.29	0.048
JPR 79717	Soil	0.5	25.9	2.7	90	<0.1	9.8	12.9	711	4.61	1.9	0.8	2.8	6.6	29	0.2	0.1	0.2	75	0.52	0.095
JPR 79718	Soil	0.7	15.6	4.4	68	<0.1	14.3	16.2	616	3.84	3.9	0.5	4.3	3.8	20	0.1	0.2	<0.1	79	0.35	0.064
JPR 79719	Soil	0.7	12.3	5.2	72	<0.1	11.4	9.9	487	3.51	4.5	0.7	3.7	5.0	20	0.1	0.3	0.1	36	0.30	0.080
JPR 79720	Soil	0.5	25.6	5.9	63	<0.1	29.4	14.9	381	3.29	3.8	0.7	2.6	2.9	33	0.1	0.2	<0.1	61	0.46	0.076
JPR 79725	Soil	0.6	19.2	7.0	54	<0.1	15.3	11.2	295	2.54	4.6	0.8	4.2	2.5	30	<0.1	0.3	0.1	55	0.43	0.084
JPR 79726	Soil	0.5	21.3	7.3	54	0.1	18.2	9.9	207	2.38	4.6	0.9	1.7	2.2	30	0.2	0.3	0.1	49	0.41	0.075
JPR 79727	Soil	0.5	15.4	6.6	52	<0.1	16.3	9.1	203	2.30	5.6	0.8	1.4	3.0	27	0.1	0.4	0.1	52	0.39	0.088
JPR 79728	Soil	0.5	17.0	7.2	50	<0.1	14.6	8.2	183	2.21	5.5	0.9	1.9	2.0	29	0.1	0.3	0.1	48	0.37	0.080
JPR 79729	Soil	0.5	17.4	10.1	54	<0.1	14.6	7.9	158	2.26	6.1	0.9	2.4	1.9	25	0.2	0.4	0.1	51	0.32	0.078
JPR 79730	Soil	0.5	17.3	10.4	52	0.1	14.7	7.6	152	2.19	5.1	0.7	3.4	1.3	25	0.2	0.3	0.1	51	0.34	0.079
JPR 79732	Soil	0.6	16.2	9.5	57	<0.1	16.5	8.4	174	2.24	6.8	0.8	1.7	2.4	22	0.1	0.4	0.1	50	0.30	0.074
JPR 79733	Soil	1.7	54.4	13.3	78	<0.1	44.3	13.2	460	3.35	7.7	1.2	10.3	5.0	23	0.2	0.5	0.2	80	0.25	0.051
JPR 79735	Soil	1.2	88.4	10.7	155	<0.1	98.0	27.8	1286	5.05	6.8	3.1	2.2	7.2	36	0.3	0.3	0.2	117	0.37	0.108
JPR 79737	Soil	1.3	118.0	12.9	130	0.2	118.0	39.1	1636	6.54	4.5	1.5	4.6	2.6	57	0.3	0.4	0.1	141	0.47	0.057
JPR 79741	Soil	1.0	58.2	10.6	101	<0.1	49.6	17.2	734	3.88	6.5	1.2	2.3	6.0	48	0.3	0.5	0.2	96	0.38	0.101
JPR 79743	Soil	1.2	67.8	12.6	114	<0.1	53.3	17.8	701	4.41	5.2	2.2	5.2	11.2	19	<0.1	0.3	0.5	91	0.31	0.114
JPR 79746	Soil	0.9	91.9	8.9	121	<0.1	127.1	27.3	928	4.69	2.2	1.8	0.7	9.0	18	0.1	0.1	0.3	162	0.35	0.113
JPR 79751	Soil	0.5	63.0	7.7	85	<0.1	102.7	23.5	248	4.29	0.6	2.2	1.9	6.6	30	<0.1	<0.1	0.1	164	0.62	0.162
JPR 79827	Soil	0.7	18.6	6.8	56	<0.1	12.3	9.8	284	2.98	6.6	0.4	1.7	2.3	17	<0.1	0.3	0.1	69	0.24	0.046
JPR 79833	Soil	1.0	45.7	11.6	70	0.3	34.9	11.8	306	3.32	10.8	1.0	5.8	5.3	16	0.1	0.7	0.2	78	0.15	0.023
JPR 79834	Soil	1.8	34.6	12.4	68	0.9	38.1	11.5	330	3.63	14.2	1.0	3.5	4.6	14	0.2	0.5	0.2	82	0.13	0.053
JPR 79835	Soil	1.0	17.9	12.6	59	0.3	17.1	9.8	352	2.83	9.3	1.0	1.8	4.4	16	<0.1	0.5	0.2	70	0.16	0.042
JPR 79836	Soil	1.6	32.0	12.2	82	0.3	37.1	15.8	440	3.48	13.0	1.3	2.8	5.5	15	0.2	0.9	0.2	75	0.13	0.050
JPR 79837	Soil	1.4	38.0	10.8	76	0.2	39.6	13.6	478	3.81	10.8	1.2	4.1	5.8	14	0.2	1.0	0.2	77	0.10	0.039
JPR 79838	Soil	1.0	34.3	12.0	64	<0.1	33.2	10.9	375	3.06	12.9	1.4	2.4	5.9	18	<0.1	0.7	0.2	56	0.14	0.034

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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		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
JPR 64952	Soil	18	15	1.07	427	0.212	<1	2.06	0.017	0.86	<0.1	<0.01	4.2	0.3	<0.05	7	<0.5
JPR 79645	Soil	31	39	1.56	389	0.203	<1	2.90	0.010	0.74	<0.1	0.01	3.6	0.4	<0.05	7	<0.5
JPR 79646	Soil	11	34	0.89	241	0.151	1	2.23	0.013	0.40	0.2	0.02	2.9	0.3	<0.05	6	<0.5
JPR 79648	Soil	13	35	0.90	245	0.116	<1	2.32	0.011	0.30	<0.1	0.02	4.5	0.2	<0.05	7	<0.5
JPR 79702	Soil	18	29	0.94	203	0.102	<1	1.99	0.011	0.31	<0.1	0.01	4.0	0.2	<0.05	6	<0.5
JPR 79717	Soil	29	15	1.17	535	0.115	1	2.61	0.014	0.80	<0.1	<0.01	6.1	0.3	<0.05	8	<0.5
JPR 79718	Soil	11	31	1.28	271	0.152	<1	2.31	0.011	0.38	0.1	0.01	3.5	0.2	<0.05	7	<0.5
JPR 79719	Soil	17	17	0.65	243	0.133	1	1.85	0.010	0.46	0.1	0.01	3.7	0.2	<0.05	6	<0.5
JPR 79720	Soil	12	56	1.16	250	0.084	1	2.06	0.011	0.23	<0.1	0.01	5.0	0.1	<0.05	6	<0.5
JPR 79725	Soil	10	28	0.56	199	0.051	<1	1.67	0.015	0.04	0.1	0.03	4.2	<0.1	<0.05	5	<0.5
JPR 79726	Soil	11	28	0.56	220	0.052	1	1.55	0.015	0.04	0.2	0.04	3.7	<0.1	<0.05	5	<0.5
JPR 79727	Soil	11	26	0.50	184	0.062	<1	1.33	0.016	0.04	0.2	0.03	2.9	<0.1	<0.05	4	<0.5
JPR 79728	Soil	11	24	0.49	197	0.052	<1	1.43	0.014	0.04	0.2	0.04	2.8	<0.1	<0.05	5	0.5
JPR 79729	Soil	11	25	0.47	183	0.046	1	1.44	0.013	0.04	0.2	0.04	2.8	<0.1	<0.05	4	<0.5
JPR 79730	Soil	9	27	0.46	172	0.047	1	1.46	0.014	0.04	0.2	0.03	2.6	<0.1	<0.05	5	<0.5
JPR 79732	Soil	12	27	0.49	215	0.053	1	1.47	0.013	0.04	0.2	0.04	2.8	<0.1	<0.05	4	<0.5
JPR 79733	Soil	16	55	0.59	439	0.086	1	1.75	0.010	0.14	0.1	0.02	6.1	0.1	<0.05	6	0.5
JPR 79735	Soil	18	121	1.09	847	0.193	<1	2.34	0.008	0.96	<0.1	0.04	10.8	0.6	<0.05	11	0.5
JPR 79737	Soil	7	127	0.65	640	0.024	2	1.73	0.009	0.44	<0.1	0.06	12.5	0.2	<0.05	7	0.5
JPR 79741	Soil	15	59	0.72	455	0.117	1	1.87	0.014	0.45	0.1	0.02	7.7	0.2	<0.05	7	<0.5
JPR 79743	Soil	37	57	0.91	501	0.125	<1	2.30	0.013	0.58	<0.1	0.02	6.0	0.4	<0.05	7	0.9
JPR 79746	Soil	36	165	1.92	1286	0.244	11	3.67	0.012	1.08	<0.1	0.01	9.5	0.5	<0.05	12	0.8
JPR 79751	Soil	24	172	1.78	2256	0.279	1	3.51	0.034	1.22	<0.1	0.01	9.6	0.4	<0.05	11	0.7
JPR 79827	Soil	8	22	0.68	149	0.115	<1	1.84	0.009	0.14	0.1	0.01	2.8	0.1	<0.05	7	<0.5
JPR 79833	Soil	16	46	0.52	361	0.054	2	1.86	0.010	0.07	0.1	0.04	5.4	0.2	<0.05	5	<0.5
JPR 79834	Soil	12	48	0.47	274	0.057	1	2.15	0.006	0.06	0.2	0.03	4.5	0.2	<0.05	6	0.8
JPR 79835	Soil	15	37	0.46	366	0.082	2	1.79	0.016	0.05	0.2	0.02	4.9	0.1	<0.05	7	0.5
JPR 79836	Soil	14	49	0.57	381	0.067	2	2.56	0.013	0.08	0.2	0.04	5.1	0.2	<0.05	6	0.7
JPR 79837	Soil	14	48	0.48	360	0.067	2	2.06	0.011	0.11	0.2	0.03	5.8	0.2	<0.05	6	0.5
JPR 79838	Soil	19	35	0.48	415	0.054	2	1.73	0.010	0.06	0.1	0.03	5.9	0.1	<0.05	5	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 79839	Soil	1.6	33.2	13.1	76	0.2	32.8	11.1	534	3.51	9.9	0.8	1.9	3.8	13	0.3	0.5	0.2	88	0.13	0.075
JPR 79840	Soil	2.6	12.1	16.3	49	<0.1	14.8	6.0	238	2.78	30.2	1.0	0.7	7.0	21	0.2	0.7	1.2	38	0.13	0.022
JPR 79842	Soil	1.5	38.3	12.9	65	<0.1	32.6	11.7	672	3.13	7.8	0.8	<0.5	2.1	10	0.3	0.4	0.3	63	0.09	0.093
JPR 79843	Soil	1.1	31.1	9.7	63	0.3	30.3	11.1	387	2.87	8.6	1.2	2.5	5.1	30	<0.1	0.5	0.2	69	0.30	0.050
JPR 79865	Soil	1.2	43.8	10.7	73	<0.1	35.3	14.1	584	3.51	11.2	1.2	2.7	4.9	18	0.1	0.9	0.2	81	0.15	0.039
JPR 79866	Soil	1.3	55.8	10.9	92	0.4	42.2	12.3	333	3.55	11.1	0.9	3.6	3.7	19	0.3	0.8	0.2	83	0.15	0.039
JPR 80679	Soil	2.8	32.1	42.0	91	0.3	20.3	11.3	450	3.40	13.9	2.0	118.9	9.4	25	0.3	0.4	0.2	66	0.40	0.044
JPR 80680	Soil	2.4	18.1	15.9	73	0.2	14.7	11.4	577	3.51	7.9	1.0	15.1	11.7	16	0.2	0.4	0.1	65	0.18	0.037
JPR 80681	Soil	1.5	17.2	10.1	87	0.1	14.4	13.8	559	4.46	6.5	0.5	27.9	5.1	39	<0.1	0.3	<0.1	81	0.33	0.069
JPR 80682	Soil	2.1	34.9	10.5	87	0.7	30.4	11.3	318	3.13	7.7	0.9	1.0	3.4	15	0.4	0.4	0.2	66	0.11	0.037
JPR 80683	Soil	5.4	74.3	17.0	189	0.2	61.3	14.1	633	4.02	15.6	2.7	39.4	6.8	23	0.5	0.3	0.2	82	0.22	0.053
JPR 80706	Soil	1.1	22.8	6.0	66	<0.1	11.6	11.9	549	3.14	4.3	1.4	7.1	6.2	31	0.1	0.3	0.1	68	0.49	0.081
JPR 80716	Soil	4.3	39.2	15.0	93	0.2	30.9	12.1	492	3.10	13.0	2.5	4.8	5.6	25	0.3	0.6	0.2	76	0.27	0.034
JPR 80717	Soil	2.2	26.3	11.1	80	0.3	13.3	16.8	836	3.95	27.1	2.3	87.5	9.7	32	0.2	0.3	0.1	83	0.87	0.058
JPR 80718	Soil	1.4	17.8	7.6	53	<0.1	14.6	14.0	525	3.41	6.9	1.0	2.4	6.0	18	<0.1	0.4	0.1	75	0.30	0.023
JPR 80719	Soil	5.2	15.9	16.3	104	0.2	9.6	20.3	1049	5.54	33.7	1.5	158.6	11.2	21	0.3	0.2	0.1	124	0.48	0.062
JPR 80720	Soil	0.9	24.2	9.4	53	<0.1	23.0	10.5	312	3.03	8.3	1.4	9.0	8.3	23	<0.1	0.7	0.1	65	0.28	0.023
JPR 80721	Soil	0.9	10.0	8.3	57	<0.1	15.6	9.1	368	2.94	6.5	0.5	1.2	4.4	13	0.1	0.5	0.1	69	0.14	0.030
JPR 80985	Soil	0.8	17.7	19.1	57	<0.1	28.0	11.3	645	2.43	10.2	0.9	6.8	4.1	35	<0.1	0.5	0.2	62	0.32	0.084
JPR 80986	Soil	1.2	22.9	24.7	109	0.2	21.4	11.7	2630	2.45	6.3	0.5	0.7	1.2	46	0.8	0.4	0.3	63	0.38	0.074
JPR 80987	Soil	0.7	16.6	16.2	63	0.2	29.9	17.2	1002	3.03	7.7	0.8	0.6	3.5	22	0.2	0.5	0.2	73	0.20	0.038
JPR 80988	Soil	1.0	20.4	17.0	60	<0.1	32.3	11.4	341	3.24	12.6	0.6	1.5	3.8	17	<0.1	0.6	0.2	75	0.16	0.026
JPR 80989	Soil	0.9	15.9	15.3	57	0.1	25.3	10.3	349	3.06	10.9	0.7	1.0	3.9	24	0.1	0.6	0.2	82	0.19	0.030
JPR 80990	Soil	1.4	20.5	16.8	56	0.1	27.8	9.1	449	2.78	11.6	1.3	5.3	3.0	37	0.2	0.6	0.3	75	0.29	0.044
JPR 80993	Soil	1.4	20.5	14.1	60	0.1	17.6	10.7	793	2.76	10.1	0.9	<0.5	2.6	25	0.2	0.4	0.3	58	0.24	0.048
JPR 80994	Soil	1.3	18.9	14.9	64	0.1	17.6	8.6	489	2.98	11.0	0.8	1.3	2.9	35	0.1	0.4	0.3	60	0.36	0.045
JPR 80997	Soil	1.4	53.0	10.5	94	0.2	57.1	14.1	687	3.63	11.7	1.6	0.8	5.7	22	0.2	0.3	0.2	92	0.34	0.095
JPR 80998	Soil	2.1	88.7	12.9	112	0.2	69.7	18.9	1017	4.76	19.8	1.5	4.0	5.8	26	0.1	0.6	0.1	111	0.20	0.068
JPR 80999	Soil	2.3	41.9	16.9	79	0.2	38.4	9.0	735	3.29	11.9	1.0	7.7	3.4	24	0.3	0.6	0.3	73	0.22	0.072
JPR 81000	Soil	1.2	48.2	12.7	70	<0.1	36.1	12.2	523	3.24	12.2	1.6	7.0	4.7	26	<0.1	0.6	0.3	75	0.27	0.035

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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 79839	Soil	14	52	0.53	407	0.067	1	2.02	0.008	0.14	0.2	0.02	3.7	0.1	<0.05	7	0.7
JPR 79840	Soil	17	21	0.24	273	0.017	<1	1.83	0.008	0.04	<0.1	<0.01	2.8	0.2	<0.05	5	<0.5
JPR 79842	Soil	15	33	0.49	210	0.079	1	1.46	0.007	0.23	0.1	0.01	2.7	0.2	<0.05	7	<0.5
JPR 79843	Soil	19	45	0.62	406	0.065	1	1.84	0.011	0.10	0.1	0.03	4.8	0.1	<0.05	6	0.5
JPR 79865	Soil	18	47	0.53	369	0.071	5	1.88	0.011	0.08	0.2	0.03	6.7	0.1	<0.05	6	0.8
JPR 79866	Soil	16	44	0.50	373	0.046	2	1.79	0.009	0.08	<0.1	0.03	4.6	0.2	<0.05	6	0.7
JPR 80679	Soil	32	27	0.62	424	0.097	<1	1.74	0.013	0.17	0.1	0.04	5.9	0.1	<0.05	6	0.9
JPR 80680	Soil	16	23	0.61	238	0.116	1	1.72	0.010	0.32	0.1	0.02	4.3	0.2	<0.05	6	0.7
JPR 80681	Soil	18	21	1.09	459	0.171	<1	2.52	0.011	0.70	0.1	<0.01	4.6	0.3	<0.05	7	<0.5
JPR 80682	Soil	12	36	0.67	203	0.102	<1	1.71	0.010	0.23	0.1	0.02	2.9	0.2	<0.05	6	0.8
JPR 80683	Soil	24	39	0.97	473	0.138	4	1.84	0.012	0.49	<0.1	0.01	5.5	0.3	<0.05	7	1.8
JPR 80706	Soil	19	20	0.88	317	0.113	<1	1.92	0.013	0.39	0.2	0.03	4.0	0.2	<0.05	6	0.6
JPR 80716	Soil	15	38	0.64	343	0.081	2	1.86	0.013	0.09	<0.1	0.03	4.7	<0.1	<0.05	6	0.6
JPR 80717	Soil	40	19	1.02	288	0.130	1	2.02	0.011	0.62	0.1	0.05	7.3	0.3	<0.05	6	0.5
JPR 80718	Soil	16	23	0.84	197	0.135	1	2.04	0.011	0.31	0.1	0.03	3.8	0.1	<0.05	6	<0.5
JPR 80719	Soil	25	17	1.56	281	0.242	<1	2.87	0.010	1.30	0.2	0.02	8.1	0.4	<0.05	8	0.5
JPR 80720	Soil	25	32	0.60	218	0.112	<1	1.66	0.014	0.13	0.1	0.03	5.7	<0.1	<0.05	4	<0.5
JPR 80721	Soil	9	25	0.50	175	0.097	1	1.90	0.009	0.17	<0.1	0.01	2.6	0.1	<0.05	6	<0.5
JPR 80985	Soil	15	38	0.49	256	0.086	2	1.52	0.011	0.06	0.4	0.03	2.3	<0.1	<0.05	5	0.7
JPR 80986	Soil	8	24	0.24	613	0.068	1	1.29	0.015	0.07	0.2	0.05	2.0	0.1	<0.05	6	0.5
JPR 80987	Soil	13	39	0.46	504	0.075	<1	2.36	0.012	0.06	0.2	0.02	3.8	0.1	<0.05	7	<0.5
JPR 80988	Soil	10	40	0.52	382	0.075	1	2.45	0.009	0.05	0.2	0.03	2.9	0.1	<0.05	6	<0.5
JPR 80989	Soil	11	41	0.49	305	0.091	1	2.44	0.009	0.05	0.2	0.02	3.2	0.2	<0.05	7	0.6
JPR 80990	Soil	15	41	0.52	381	0.078	2	1.82	0.011	0.10	0.3	0.02	2.9	0.1	<0.05	6	<0.5
JPR 80993	Soil	16	27	0.46	390	0.036	1	1.71	0.010	0.07	0.1	0.01	2.9	0.1	<0.05	6	0.6
JPR 80994	Soil	18	27	0.55	675	0.033	<1	2.06	0.011	0.05	0.1	0.02	3.2	0.1	<0.05	7	<0.5
JPR 80997	Soil	21	75	0.95	533	0.148	1	2.08	0.010	0.44	0.1	0.01	5.3	0.3	<0.05	7	0.7
JPR 80998	Soil	21	95	1.07	421	0.160	2	2.44	0.011	0.41	<0.1	0.01	5.9	0.3	<0.05	8	0.9
JPR 80999	Soil	16	51	0.56	363	0.073	2	1.91	0.010	0.11	0.1	0.02	4.3	0.2	<0.05	7	<0.5
JPR 81000	Soil	18	58	0.75	410	0.106	1	2.03	0.015	0.09	0.1	0.04	6.7	0.1	<0.05	5	0.5

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
JPR 81427	Soil		0.2	6.8	3.9	101	<0.1	5.9	17.8	868	5.21	<0.5	0.3	<0.5	6.9	16	<0.1	<0.1	<0.1	94	0.39	0.117
JPR 82040	Soil		1.7	20.4	5.8	74	<0.1	12.1	14.1	558	3.53	3.9	0.6	0.9	3.4	17	<0.1	0.2	0.1	74	0.28	0.058
JPR 82043	Soil		1.5	14.8	7.4	57	<0.1	12.7	8.2	273	2.58	5.0	0.9	7.0	2.7	22	0.2	0.3	0.1	66	0.30	0.068
JPR 82046	Soil		1.0	10.5	7.6	58	<0.1	12.5	7.7	230	2.29	5.1	0.7	1.6	2.2	19	0.1	0.3	0.1	52	0.26	0.064
JPR 82051	Soil		1.7	20.5	36.7	99	0.3	14.5	11.5	591	2.79	8.8	1.6	261.3	9.0	20	1.0	0.3	0.5	38	0.40	0.061
JPR 82052	Soil		1.3	21.1	59.9	105	0.6	16.9	13.8	766	2.63	18.1	1.8	30.5	12.3	24	1.5	0.4	1.7	39	0.48	0.047
JPR 82058	Soil		2.0	40.9	7.9	62	<0.1	25.1	15.7	493	3.49	6.8	0.6	1.6	2.3	52	<0.1	0.4	0.1	81	0.46	0.066
JPR 82059	Soil		1.3	28.3	9.2	46	0.1	24.8	12.6	452	3.05	11.3	1.1	3.1	3.9	23	<0.1	0.5	0.2	70	0.29	0.047
JPR 82073	Soil		0.9	30.5	7.3	59	<0.1	18.4	15.0	378	3.19	7.6	1.2	1.8	5.5	23	<0.1	0.4	0.1	80	0.37	0.076
JPR 82074	Soil		0.7	25.2	99.3	61	<0.1	14.0	15.2	434	3.79	5.7	0.5	9.1	2.2	30	<0.1	0.4	<0.1	80	0.40	0.063
JPR 82075	Soil		0.9	22.8	12.6	46	<0.1	21.8	10.5	276	2.92	10.5	0.9	3.0	4.2	16	<0.1	0.6	0.2	66	0.15	0.029
JPR 82076	Soil		0.9	19.3	12.2	59	<0.1	23.5	13.5	312	3.32	10.1	0.5	2.0	4.2	15	<0.1	0.5	0.1	69	0.15	0.025
JPR 82077	Soil		0.9	39.5	9.1	51	<0.1	36.6	12.2	342	2.97	9.9	1.1	2.7	4.7	21	<0.1	0.7	0.1	70	0.22	0.018
JPR 82078	Soil		0.9	30.5	9.4	52	<0.1	24.9	10.9	343	2.74	9.5	1.0	2.5	4.2	21	<0.1	0.6	0.2	62	0.23	0.037
JPR 82079	Soil		0.9	31.0	8.9	53	<0.1	21.9	12.3	499	2.75	10.0	1.0	1.4	3.8	22	<0.1	0.6	0.2	64	0.23	0.031
JPR 82080	Soil		1.0	16.4	11.0	45	0.1	19.2	9.8	253	2.99	9.6	0.5	1.4	2.9	15	<0.1	0.6	0.2	79	0.15	0.027
JPR 82081	Soil		0.8	30.4	30.1	52	<0.1	26.7	10.9	317	2.58	9.3	0.6	3.6	2.7	17	<0.1	0.5	0.2	65	0.18	0.037
JPR 82149	Soil		4.6	52.3	12.2	125	0.3	22.7	29.3	1810	5.42	1.4	1.3	28.9	7.9	28	<0.1	0.2	0.3	99	0.40	0.052
JPR 82150	Soil		2.7	91.3	5.5	110	<0.1	31.5	30.5	1236	5.76	2.4	1.7	1.8	4.5	22	<0.1	0.2	<0.1	100	0.40	0.073
JPR 82151	Soil		1.6	20.6	10.9	173	<0.1	13.1	11.8	758	3.78	5.8	1.3	2.6	17.2	14	0.2	0.4	0.2	52	0.14	0.022
JPR 82152	Soil		5.3	11.4	4.7	97	<0.1	5.2	11.2	953	4.05	1.7	1.3	8.2	21.8	9	0.2	<0.1	0.1	42	0.18	0.067
JPR 82153	Soil		2.2	24.4	8.6	97	<0.1	12.6	10.7	671	3.17	5.8	1.3	2.4	13.9	15	0.1	0.4	0.2	49	0.15	0.032
JPR 82154	Soil		4.4	19.9	11.3	113	<0.1	7.8	16.0	1090	5.14	7.3	6.2	5.4	28.3	25	0.1	0.5	0.2	46	0.23	0.060
JPR 82155	Soil		2.2	23.7	8.9	78	<0.1	13.9	12.6	766	3.55	6.0	2.1	3.8	18.0	12	0.2	0.4	0.4	44	0.16	0.057
JPR 82156	Soil		2.9	56.9	18.2	102	0.4	25.2	13.4	1155	3.23	4.9	1.3	51.5	13.0	13	0.6	0.1	0.3	51	0.30	0.097
JPR 82157	Soil		2.4	64.6	9.5	81	<0.1	44.1	18.7	1480	2.64	6.0	1.2	1.4	3.5	10	0.3	0.2	0.2	47	0.11	0.044
JPR 82158	Soil		2.9	60.0	71.1	88	0.5	30.3	14.9	548	3.32	31.2	1.2	10.8	5.9	15	0.2	0.4	0.5	59	0.25	0.069
JPR 82160	Soil		5.3	73.1	14.5	108	0.1	45.1	15.6	684	3.96	8.6	1.6	4.1	7.2	14	0.3	0.3	0.4	67	0.21	0.075
JPR 82161	Soil		3.6	51.1	9.4	76	0.1	30.2	11.8	408	3.25	7.7	1.2	10.8	5.2	16	0.1	0.3	0.2	57	0.22	0.057
JPR 82354	Soil		0.7	18.5	3.5	48	<0.1	11.4	8.2	710	2.42	2.7	2.0	2.7	4.0	18	0.1	0.2	<0.1	31	0.36	0.041

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 81427	Soil	11	10	1.31	418	0.332	<1	2.92	0.016	1.37	0.1	<0.01	4.7	0.4	<0.05	9	<0.5
JPR 82040	Soil	13	21	1.07	293	0.197	<1	2.42	0.011	0.53	0.1	0.02	2.3	0.3	<0.05	6	<0.5
JPR 82043	Soil	15	21	0.58	283	0.110	<1	1.46	0.012	0.15	0.2	0.04	2.3	0.1	<0.05	5	<0.5
JPR 82046	Soil	13	22	0.52	207	0.095	2	1.37	0.013	0.12	0.2	0.04	2.2	<0.1	<0.05	4	0.5
JPR 82051	Soil	19	20	0.38	85	0.046	1	0.94	0.011	0.07	0.2	0.04	2.6	<0.1	<0.05	3	<0.5
JPR 82052	Soil	29	24	0.43	127	0.053	1	1.12	0.014	0.09	0.1	0.04	3.3	<0.1	0.05	4	0.6
JPR 82058	Soil	12	36	0.72	240	0.087	1	2.20	0.018	0.11	0.1	0.02	4.5	<0.1	<0.05	7	<0.5
JPR 82059	Soil	15	39	0.58	261	0.068	<1	1.91	0.016	0.05	0.1	0.05	5.5	0.1	<0.05	5	0.8
JPR 82073	Soil	13	27	0.61	274	0.105	<1	2.05	0.022	0.15	0.1	0.03	5.4	0.1	<0.05	6	<0.5
JPR 82074	Soil	7	18	0.63	181	0.092	<1	2.54	0.033	0.05	0.1	0.03	5.1	<0.1	<0.05	8	<0.5
JPR 82075	Soil	12	37	0.48	195	0.074	1	2.42	0.010	0.04	0.1	0.04	4.3	0.1	<0.05	5	0.7
JPR 82076	Soil	10	37	0.72	168	0.110	1	2.40	0.012	0.07	<0.1	0.02	3.4	0.1	<0.05	6	<0.5
JPR 82077	Soil	15	50	0.66	281	0.113	1	2.13	0.014	0.05	0.1	0.03	5.5	<0.1	<0.05	5	0.7
JPR 82078	Soil	15	39	0.58	322	0.084	1	1.82	0.013	0.05	0.1	0.03	4.4	0.1	<0.05	5	<0.5
JPR 82079	Soil	14	34	0.56	273	0.081	<1	1.96	0.013	0.05	0.1	0.04	4.9	0.1	<0.05	5	0.8
JPR 82080	Soil	10	37	0.44	257	0.072	<1	2.27	0.010	0.03	<0.1	0.02	3.3	0.1	<0.05	7	<0.5
JPR 82081	Soil	11	47	0.58	196	0.075	1	1.90	0.011	0.05	<0.1	0.02	3.4	0.1	<0.05	6	0.7
JPR 82149	Soil	16	68	1.84	442	0.129	1	2.45	0.009	1.42	<0.1	0.03	11.5	0.6	<0.05	7	0.6
JPR 82150	Soil	11	77	1.64	498	0.183	3	2.62	0.012	0.93	<0.1	0.01	6.8	0.4	<0.05	6	0.8
JPR 82151	Soil	58	20	0.79	192	0.155	1	2.33	0.009	0.47	0.1	0.04	5.9	0.4	<0.05	8	0.5
JPR 82152	Soil	26	11	0.75	142	0.160	<1	2.21	0.010	0.90	<0.1	<0.01	4.9	0.6	<0.05	7	<0.5
JPR 82153	Soil	26	22	0.67	176	0.117	<1	2.08	0.011	0.38	0.1	0.01	4.2	0.4	<0.05	6	<0.5
JPR 82154	Soil	59	8	0.59	145	0.098	<1	1.48	0.013	0.74	<0.1	0.02	7.5	0.5	0.08	6	<0.5
JPR 82155	Soil	23	22	0.50	150	0.068	<1	1.73	0.008	0.22	<0.1	0.02	4.1	0.2	<0.05	5	<0.5
JPR 82156	Soil	23	18	0.50	298	0.054	<1	1.02	0.006	0.44	<0.1	0.01	5.2	0.3	<0.05	4	<0.5
JPR 82157	Soil	8	31	0.82	272	0.064	<1	1.59	0.008	0.29	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5
JPR 82158	Soil	18	35	0.92	251	0.086	1	2.09	0.008	0.24	0.1	0.02	3.7	0.2	<0.05	6	<0.5
JPR 82160	Soil	18	48	1.44	259	0.104	<1	2.19	0.008	0.41	<0.1	<0.01	3.8	0.3	<0.05	8	<0.5
JPR 82161	Soil	15	37	0.87	205	0.094	<1	1.71	0.009	0.24	0.1	0.01	3.2	0.2	<0.05	6	<0.5
JPR 82354	Soil	27	16	0.45	146	0.105	<1	1.39	0.013	0.29	<0.1	0.03	4.7	<0.1	<0.05	5	0.6

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1500 - 409 Granville Street
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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
JPR 82355	Soil		0.3	27.3	2.7	44	<0.1	16.1	11.8	306	2.59	2.6	0.4	2.5	2.1	21	<0.1	0.2	<0.1	60	0.53	0.069
JPR 82476	Soil		0.4	20.0	2.2	90	<0.1	5.5	11.5	681	4.42	2.0	0.5	<0.5	2.1	8	<0.1	0.1	<0.1	88	0.11	0.032
JPR 82477	Soil		0.6	14.8	2.4	71	<0.1	6.5	20.9	666	4.43	1.1	0.5	0.7	3.3	12	<0.1	<0.1	<0.1	118	0.29	0.076
JPR 82478	Soil		0.3	29.1	1.4	60	<0.1	8.4	22.0	164	3.99	1.1	0.2	<0.5	1.2	6	<0.1	<0.1	<0.1	209	0.19	0.067
JPR 82479	Soil		0.6	18.2	6.8	78	<0.1	10.4	15.2	525	4.49	4.3	0.5	1.0	3.0	13	0.1	0.2	<0.1	134	0.15	0.030
JPR 82480	Soil		0.4	25.8	2.0	108	<0.1	4.9	24.5	1048	7.40	0.8	0.6	0.6	3.4	22	0.1	<0.1	<0.1	196	0.76	0.237
JPR 82481	Soil		0.9	26.8	5.0	69	<0.1	9.2	19.2	437	4.42	4.1	0.9	1.6	3.1	19	<0.1	0.3	0.2	137	0.23	0.076
JPR 82482	Soil		0.7	13.6	6.0	113	<0.1	12.2	12.5	430	4.79	3.7	0.5	1.1	2.3	9	<0.1	0.2	<0.1	59	0.11	0.028
JPR 82483	Soil		1.2	20.9	6.5	82	<0.1	26.9	12.6	454	5.55	0.9	0.7	0.5	3.0	123	<0.1	<0.1	0.1	141	0.83	0.162
JPR 82484	Soil		0.5	21.4	5.0	104	<0.1	11.9	13.6	756	5.28	5.3	0.3	0.7	2.3	13	<0.1	0.3	<0.1	79	0.18	0.041
JPR 82485	Soil		0.6	15.3	4.5	95	<0.1	10.8	11.6	659	5.11	3.8	0.4	<0.5	2.4	7	<0.1	0.2	<0.1	60	0.08	0.023
JPR 82486	Soil		0.8	13.2	7.6	62	<0.1	14.4	9.6	365	3.28	7.6	0.5	2.1	4.0	16	<0.1	0.4	0.1	55	0.16	0.019
JPR 82487	Soil		0.5	15.8	4.6	97	<0.1	4.3	7.3	486	3.80	2.2	0.7	0.5	3.3	9	<0.1	0.2	<0.1	30	0.15	0.032
JPR 82488	Soil		0.7	17.9	4.5	92	<0.1	9.6	7.5	494	3.99	4.9	0.5	0.9	3.4	8	<0.1	0.2	<0.1	36	0.08	0.020
JPR 82489	Soil		0.4	13.5	3.7	68	<0.1	6.5	12.3	661	4.46	2.7	0.6	0.7	4.3	19	<0.1	0.1	<0.1	107	0.12	0.018
JPR 82490	Soil		0.6	22.4	6.9	64	<0.1	18.0	14.3	283	3.06	6.3	0.4	<0.5	2.7	12	<0.1	0.3	<0.1	73	0.22	0.028
JPR 82491	Soil		0.3	57.8	3.0	58	<0.1	16.4	19.5	483	3.68	1.7	0.4	<0.5	4.2	34	<0.1	<0.1	<0.1	95	0.39	0.050
JPR 82492	Soil		0.3	34.7	3.0	79	<0.1	18.3	19.5	656	4.39	2.0	0.5	0.9	4.4	20	<0.1	0.1	<0.1	101	0.40	0.061
JPR 82494	Soil		0.2	21.1	4.1	70	<0.1	15.7	15.8	454	4.10	1.5	0.9	0.8	8.2	16	<0.1	0.1	<0.1	104	0.42	0.086
JPR 82495	Soil		0.7	18.9	3.4	56	<0.1	9.0	7.6	404	2.96	2.6	0.6	1.1	4.1	12	<0.1	0.2	0.1	37	0.22	0.055
JPR 83489	Soil		0.5	19.6	6.2	39	<0.1	14.4	9.8	243	2.55	6.0	0.6	3.1	2.8	23	<0.1	0.3	0.1	63	0.33	0.042
JPR 83491	Soil		0.8	28.9	5.4	38	<0.1	17.6	10.6	233	2.59	6.4	0.4	1.3	2.1	23	<0.1	0.3	<0.1	60	0.25	0.032
JPR 82493	Soil		0.6	23.5	7.1	51	<0.1	19.1	11.0	316	2.96	4.8	0.8	1.4	6.2	27	<0.1	0.3	0.1	71	0.40	0.034
JPR 86087	Soil		0.3	5.7	3.7	64	<0.1	5.6	8.9	658	4.38	2.2	2.7	0.6	24.4	14	<0.1	0.1	<0.1	79	0.24	0.055
JPR 86088	Soil		0.9	10.2	10.1	54	<0.1	14.2	9.2	429	3.37	10.0	0.6	2.0	7.0	13	<0.1	0.5	0.2	63	0.13	0.037
JPR 86089	Soil		0.6	12.0	6.3	73	<0.1	12.1	15.9	730	4.39	5.3	1.0	1.0	8.5	14	<0.1	0.4	0.1	80	0.15	0.036
JPR 86090	Soil		0.7	22.8	8.8	62	<0.1	18.6	9.8	487	3.28	7.7	1.0	1.7	9.6	24	<0.1	0.5	0.2	63	0.25	0.032
JPR 86091	Soil		0.5	14.1	5.8	62	<0.1	10.6	11.4	436	4.04	4.9	0.9	1.1	9.1	20	<0.1	0.4	<0.1	82	0.21	0.019
JPR 86092	Soil		0.8	12.9	6.2	67	<0.1	8.5	13.5	794	3.81	4.3	0.6	0.5	3.6	13	0.1	0.3	<0.1	74	0.14	0.053
JPR 86093	Soil		0.6	22.3	8.4	57	<0.1	20.9	10.4	403	2.82	8.7	0.8	1.6	3.4	21	0.1	0.4	0.2	56	0.28	0.075

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		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
JPR 82355	Soil	8	31	0.76	188	0.105	<1	1.52	0.028	0.13	<0.1	0.01	4.0	<0.1	<0.05	5	<0.5
JPR 82476	Soil	16	6	1.84	275	0.331	<1	2.91	0.009	1.33	<0.1	<0.01	9.2	0.6	<0.05	10	<0.5
JPR 82477	Soil	30	13	2.50	462	0.274	<1	2.87	0.017	1.28	<0.1	<0.01	15.7	0.3	<0.05	10	<0.5
JPR 82478	Soil	6	8	2.17	280	0.214	<1	2.78	0.018	0.92	<0.1	<0.01	10.8	0.3	<0.05	11	<0.5
JPR 82479	Soil	15	17	1.60	567	0.286	<1	2.86	0.016	1.04	0.1	0.01	10.4	0.4	<0.05	10	<0.5
JPR 82480	Soil	10	7	3.51	1032	0.454	<1	4.32	0.042	2.60	<0.1	<0.01	22.9	0.7	<0.05	16	<0.5
JPR 82481	Soil	8	16	0.99	331	0.187	<1	2.35	0.015	0.48	<0.1	0.01	6.1	0.2	<0.05	8	<0.5
JPR 82482	Soil	7	33	1.88	388	0.266	<1	3.59	0.015	1.08	0.1	<0.01	8.4	0.4	<0.05	12	<0.5
JPR 82483	Soil	22	94	1.55	323	0.204	<1	2.12	0.039	0.11	<0.1	0.02	11.2	0.3	<0.05	7	<0.5
JPR 82484	Soil	6	32	2.34	602	0.331	1	3.55	0.015	1.69	0.2	<0.01	13.9	0.6	<0.05	13	<0.5
JPR 82485	Soil	6	21	1.74	611	0.344	<1	3.19	0.012	1.53	<0.1	0.01	11.3	0.7	<0.05	12	<0.5
JPR 82486	Soil	8	27	0.80	290	0.158	1	1.94	0.012	0.45	0.2	<0.01	5.2	0.2	<0.05	7	<0.5
JPR 82487	Soil	7	9	1.12	298	0.227	<1	2.26	0.012	1.07	0.1	<0.01	7.2	0.4	<0.05	9	<0.5
JPR 82488	Soil	8	14	1.32	358	0.246	<1	2.43	0.010	1.17	0.1	<0.01	8.2	0.5	<0.05	10	<0.5
JPR 82489	Soil	13	9	1.59	403	0.312	<1	2.80	0.012	1.28	0.2	<0.01	10.4	0.4	<0.05	12	<0.5
JPR 82490	Soil	6	42	1.00	302	0.181	1	2.57	0.015	0.38	0.1	0.01	3.2	0.2	<0.05	7	<0.5
JPR 82491	Soil	8	43	1.60	393	0.294	<1	2.50	0.022	0.93	<0.1	<0.01	3.5	0.4	<0.05	7	<0.5
JPR 82492	Soil	10	47	1.78	542	0.345	<1	2.69	0.014	1.35	0.2	<0.01	4.0	0.5	<0.05	9	<0.5
JPR 82494	Soil	23	51	1.40	367	0.334	<1	2.62	0.018	1.24	0.2	0.01	7.4	0.4	<0.05	10	<0.5
JPR 82495	Soil	10	15	0.79	247	0.161	<1	1.63	0.010	0.57	<0.1	<0.01	5.4	0.2	<0.05	6	<0.5
JPR 83489	Soil	9	26	0.49	192	0.066	<1	1.77	0.016	0.03	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5
JPR 83491	Soil	6	34	0.48	139	0.062	<1	1.89	0.014	0.03	0.1	0.01	3.0	<0.1	<0.05	5	<0.5
JPR 82493	Soil	14	47	0.93	298	0.138	<1	2.17	0.022	0.33	0.2	0.01	4.9	0.2	<0.05	7	<0.5
JPR 86087	Soil	29	10	1.76	331	0.233	<1	2.56	0.013	1.32	<0.1	0.01	9.8	0.5	<0.05	10	<0.5
JPR 86088	Soil	14	26	0.53	108	0.097	1	1.94	0.008	0.17	0.2	0.02	2.8	0.2	<0.05	7	<0.5
JPR 86089	Soil	15	20	1.11	150	0.151	<1	3.08	0.011	0.39	<0.1	0.02	4.3	0.2	<0.05	9	<0.5
JPR 86090	Soil	27	30	0.65	215	0.097	<1	2.08	0.010	0.14	0.1	0.03	5.0	0.1	<0.05	7	<0.5
JPR 86091	Soil	25	17	1.33	250	0.101	<1	2.91	0.007	0.52	<0.1	0.01	5.5	0.3	<0.05	8	<0.5
JPR 86092	Soil	17	15	0.96	101	0.086	<1	2.25	0.007	0.30	<0.1	0.02	2.6	0.1	<0.05	8	<0.5
JPR 86093	Soil	14	28	0.61	197	0.075	1	1.74	0.010	0.10	0.2	0.02	3.1	0.1	<0.05	5	<0.5

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	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
JPR 86094	Soil		0.5	20.8	6.6	59	<0.1	18.0	11.6	498	2.90	6.4	0.6	3.4	5.4	22	<0.1	0.4	0.1	62	0.28	0.060
JPR 86095	Soil		0.7	19.5	8.1	51	<0.1	13.4	10.5	322	3.13	6.2	0.6	2.0	2.9	24	<0.1	0.3	0.1	77	0.20	0.041
JPR 86096	Soil		0.6	19.5	7.9	45	<0.1	12.4	11.0	321	2.70	5.9	0.6	1.1	2.7	36	<0.1	0.3	0.1	66	0.25	0.065
JPR 86097	Soil		0.5	30.0	6.7	55	<0.1	15.8	12.0	314	2.97	5.5	0.8	1.7	3.2	24	<0.1	0.3	0.1	73	0.32	0.058
JPR 86098	Soil		0.7	27.0	9.1	56	<0.1	24.3	12.4	447	3.00	8.8	0.7	1.3	4.2	24	<0.1	0.5	0.2	66	0.23	0.033
JPR 86099	Soil		0.3	10.1	7.5	88	<0.1	7.2	15.3	917	4.76	1.9	0.7	<0.5	4.4	21	<0.1	0.1	0.1	83	0.20	0.059
JPR 86100	Soil		0.6	18.7	12.7	56	<0.1	24.4	11.4	331	3.03	7.2	0.9	1.4	7.3	16	<0.1	0.4	0.1	59	0.16	0.026
JPR 86101	Soil		0.2	11.6	4.1	54	<0.1	6.3	13.9	579	3.68	1.3	1.1	<0.5	9.2	16	<0.1	<0.1	<0.1	91	0.27	0.076
JPR 86102	Soil		0.4	12.2	5.0	53	<0.1	9.0	13.5	522	3.43	2.7	0.8	<0.5	7.7	16	<0.1	0.1	0.1	86	0.23	0.060
JPR 86104	Soil		0.2	26.3	3.1	73	<0.1	13.5	15.6	666	4.33	1.4	0.8	3.2	3.8	22	<0.1	<0.1	0.1	98	0.29	0.064
JPR 86220	Soil		0.4	15.1	4.3	52	<0.1	13.9	15.7	369	2.81	2.4	0.8	0.7	4.3	47	<0.1	0.1	<0.1	75	0.35	0.050
JPR 86221	Soil		0.6	18.9	4.2	59	<0.1	16.9	17.0	446	3.35	2.6	0.9	<0.5	4.4	29	<0.1	0.1	<0.1	87	0.29	0.063
JPR 86222	Soil		0.9	20.9	4.1	56	<0.1	12.3	17.6	462	3.52	3.4	1.2	<0.5	4.9	71	<0.1	0.1	<0.1	86	0.58	0.121
JPR 86224	Soil		0.9	11.8	5.7	58	<0.1	13.0	11.8	323	3.04	4.6	0.7	1.0	3.6	29	<0.1	0.2	0.1	72	0.36	0.067
JPR 86225	Soil		0.9	17.1	6.2	60	<0.1	13.4	12.6	326	2.83	4.0	1.9	1.7	4.3	32	0.1	0.2	0.1	68	0.39	0.073
JPR 86226	Soil		0.4	12.7	6.9	54	<0.1	13.8	8.1	220	2.03	3.6	1.2	2.3	3.1	29	0.1	0.3	0.1	44	0.36	0.069
JPR 86227	Soil		1.6	41.9	20.8	78	0.1	84.3	12.8	393	3.45	21.2	1.0	<0.5	4.2	13	0.3	0.6	0.7	83	0.11	0.071
JPR 86228	Soil		1.2	55.0	10.0	95	<0.1	80.9	13.1	674	3.58	26.7	1.5	<0.5	4.9	11	0.2	0.3	0.5	98	0.19	0.089
JPR 86229	Soil		2.7	78.6	7.6	105	<0.1	85.2	15.3	623	4.60	8.0	2.2	1.0	9.7	13	0.1	0.3	1.4	177	0.22	0.097
JPR 86230	Soil		1.3	49.4	13.3	153	<0.1	135.2	25.6	797	5.21	10.7	1.1	2.1	3.2	21	0.3	0.4	0.5	193	0.45	0.157
JPR 86231	Soil		2.0	46.1	12.9	75	<0.1	46.5	15.4	630	4.36	8.7	1.1	7.4	4.7	28	0.1	0.6	1.3	101	0.27	0.049
JPR 86232	Soil		1.4	36.8	12.1	67	0.1	65.9	14.6	513	3.51	13.7	0.6	6.5	4.5	21	0.1	0.6	0.8	88	0.17	0.024
JPR 86233	Soil		1.1	47.0	10.5	98	<0.1	56.0	16.8	477	3.36	33.1	1.1	<0.5	2.1	7	0.2	0.2	2.8	107	0.18	0.083
JPR 86234	Soil		1.2	21.8	17.3	58	<0.1	20.3	9.5	386	3.65	48.1	0.8	3.2	3.2	22	0.1	0.7	4.0	62	0.11	0.030
JPR 86235	Soil		1.5	20.5	31.6	56	<0.1	17.0	6.7	473	2.56	37.5	0.9	3.6	4.9	22	0.1	0.6	1.2	41	0.17	0.029
JPR 86236	Soil		2.1	64.9	21.3	112	<0.1	64.7	19.2	634	3.98	29.7	1.3	3.5	5.8	23	0.4	0.5	1.1	96	0.26	0.045
JPR 86237	Soil		2.3	51.2	17.4	171	0.2	54.8	14.9	661	4.12	90.8	1.1	4.3	5.9	10	0.6	0.6	1.8	80	0.10	0.057
JPR 86238	Soil		1.7	74.1	15.0	102	0.1	73.5	16.6	553	4.10	12.0	1.6	3.9	9.8	21	0.1	0.2	0.5	97	0.32	0.083
JPR 86239	Soil		1.2	21.4	9.8	58	0.3	24.1	7.0	373	2.35	6.7	0.7	1.3	2.7	19	0.3	0.3	0.2	61	0.22	0.050
JPR 86681	Soil		4.5	39.7	18.7	173	<0.1	26.3	14.6	590	6.51	12.9	1.6	1.3	7.5	18	0.5	0.3	0.1	109	0.35	0.135

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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 86094	Soil	16	25	0.80	248	0.124	1	1.65	0.010	0.23	<0.1	0.02	3.0	0.1	<0.05	5	<0.5
JPR 86095	Soil	11	27	0.73	232	0.121	<1	2.31	0.011	0.17	0.1	0.02	3.0	0.1	<0.05	7	<0.5
JPR 86096	Soil	10	25	0.69	268	0.106	<1	2.20	0.015	0.15	0.1	0.02	2.5	0.1	<0.05	6	<0.5
JPR 86097	Soil	13	25	0.94	332	0.151	<1	1.94	0.014	0.31	0.1	0.03	3.4	0.1	<0.05	6	<0.5
JPR 86098	Soil	14	35	0.60	298	0.067	<1	2.11	0.011	0.05	0.1	0.03	5.0	<0.1	<0.05	6	<0.5
JPR 86099	Soil	15	9	1.24	222	0.244	<1	3.12	0.008	1.08	0.1	<0.01	4.0	0.7	<0.05	11	<0.5
JPR 86100	Soil	14	43	0.70	195	0.123	<1	2.45	0.009	0.16	0.1	0.03	3.7	0.2	<0.05	7	<0.5
JPR 86101	Soil	12	9	1.01	246	0.211	<1	2.66	0.013	0.89	0.2	<0.01	5.2	0.4	<0.05	9	<0.5
JPR 86102	Soil	11	12	0.92	219	0.181	<1	2.43	0.012	0.69	<0.1	0.01	4.9	0.3	<0.05	8	<0.5
JPR 86104	Soil	17	17	1.37	494	0.240	<1	3.01	0.010	1.15	0.2	<0.01	4.2	0.4	<0.05	9	<0.5
JPR 86220	Soil	11	37	1.52	326	0.217	<1	2.82	0.042	0.64	0.6	<0.01	2.4	0.3	<0.05	8	<0.5
JPR 86221	Soil	12	46	1.43	317	0.229	<1	3.06	0.029	0.66	0.7	<0.01	3.5	0.3	<0.05	9	<0.5
JPR 86222	Soil	13	28	1.36	348	0.219	<1	2.61	0.029	0.75	0.4	<0.01	4.1	0.4	<0.05	8	<0.5
JPR 86224	Soil	8	26	0.90	192	0.174	<1	1.84	0.016	0.39	0.6	0.01	3.1	0.2	<0.05	7	<0.5
JPR 86225	Soil	21	27	0.90	237	0.152	<1	1.99	0.018	0.38	0.4	0.04	4.0	0.2	<0.05	7	<0.5
JPR 86226	Soil	13	24	0.61	193	0.105	<1	1.49	0.016	0.16	0.3	0.05	3.1	0.1	<0.05	5	<0.5
JPR 86227	Soil	13	111	1.03	254	0.046	<1	2.23	0.007	0.11	0.1	<0.01	3.7	0.1	<0.05	8	<0.5
JPR 86228	Soil	18	139	1.45	427	0.131	1	2.68	0.010	0.36	0.1	<0.01	5.5	0.2	<0.05	10	0.7
JPR 86229	Soil	24	154	1.64	584	0.241	1	3.11	0.010	0.65	<0.1	<0.01	8.6	0.4	<0.05	11	1.1
JPR 86230	Soil	14	215	2.45	1145	0.305	2	5.66	0.020	0.59	0.2	0.01	12.6	0.7	<0.05	17	<0.5
JPR 86231	Soil	25	76	0.99	462	0.106	1	2.76	0.014	0.12	0.1	0.01	7.5	0.2	<0.05	8	0.8
JPR 86232	Soil	10	100	1.04	307	0.075	<1	2.89	0.011	0.06	0.2	0.02	4.7	0.1	<0.05	8	<0.5
JPR 86233	Soil	6	102	1.19	330	0.160	<1	2.59	0.017	0.34	<0.1	<0.01	4.7	0.2	<0.05	9	0.8
JPR 86234	Soil	17	29	0.49	242	0.028	<1	2.35	0.010	0.05	0.1	0.02	3.3	0.1	<0.05	7	0.6
JPR 86235	Soil	23	24	0.37	276	0.027	<1	1.32	0.010	0.05	0.1	0.02	2.5	<0.1	<0.05	4	0.6
JPR 86236	Soil	20	92	1.08	421	0.055	1	1.98	0.011	0.13	<0.1	0.02	6.7	0.2	<0.05	7	1.1
JPR 86237	Soil	20	68	0.85	206	0.069	1	2.10	0.007	0.14	0.1	0.01	4.5	0.2	<0.05	6	1.2
JPR 86238	Soil	34	93	1.25	410	0.080	1	2.35	0.009	0.22	<0.1	<0.01	6.5	0.2	<0.05	8	1.3
JPR 86239	Soil	14	33	0.52	245	0.059	1	1.33	0.008	0.08	0.1	0.02	2.5	<0.1	<0.05	5	<0.5
JPR 86681	Soil	33	22	0.31	238	0.012	<1	1.32	0.008	0.08	0.1	0.01	10.2	<0.1	<0.05	4	0.7

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Report Date: December 03, 2009

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 86682	Soil	2.5	80.2	13.0	118	0.2	70.4	19.4	686	4.09	1.7	3.4	8.1	10.1	52	0.3	0.1	0.4	135	0.84	0.263
JPR 86683	Soil	9.3	147.7	43.8	174	0.3	115.0	27.3	2223	5.28	55.4	5.0	14.2	7.8	13	1.2	0.6	0.4	100	0.09	0.102
JPR 86684	Soil	1.5	19.5	11.2	63	0.2	13.4	7.0	240	2.44	3.2	0.9	9.9	2.6	19	0.2	0.2	0.2	55	0.30	0.079
JPR 86686	Soil	1.8	27.0	13.7	73	<0.1	17.6	9.6	324	2.73	5.8	1.2	2.8	4.7	19	0.1	0.3	0.2	65	0.27	0.054
JPR 86687	Soil	1.7	40.3	14.4	187	0.3	14.1	16.1	1151	3.78	3.8	1.9	4.4	8.6	23	0.9	0.2	0.3	79	0.45	0.078
JPR 86688	Soil	1.8	37.4	12.1	114	0.3	15.7	18.2	749	4.18	2.9	2.0	6.9	8.6	31	0.3	0.2	0.2	94	0.80	0.050
JPR 86689	Soil	5.4	79.9	11.3	86	0.5	39.0	14.8	551	3.85	7.0	3.6	7.6	10.2	24	0.3	0.2	0.4	70	0.61	0.058
JPR 86692	Soil	2.3	32.5	11.3	83	0.2	16.6	10.1	315	2.38	3.7	2.2	4.1	3.9	25	0.4	0.3	0.2	63	0.35	0.066
JPR 86693	Soil	2.2	47.2	9.6	94	0.1	17.0	6.9	416	3.33	2.1	3.7	1.5	5.1	50	<0.1	0.1	0.1	69	0.43	0.089
JPR 86704	Soil	0.9	24.2	8.7	63	0.1	21.7	9.3	340	3.32	9.9	1.7	5.5	5.3	21	0.1	0.7	0.2	68	0.25	0.027
JPR 86736	Soil	1.4	26.8	10.5	95	<0.1	7.2	13.0	710	3.60	2.4	0.9	2.0	7.5	16	0.1	0.1	0.2	76	0.27	0.069
JPR 86738	Soil	1.0	13.9	8.8	66	<0.1	11.6	10.0	354	2.72	5.3	0.9	3.5	3.4	18	0.2	0.3	0.1	62	0.24	0.061
JPR 86795	Soil	2.5	25.2	7.7	53	<0.1	15.2	8.5	425	2.72	6.5	1.8	3.3	10.0	23	<0.1	0.4	0.2	55	0.34	0.034
JPR 86796	Soil	1.7	24.8	13.4	68	<0.1	15.5	10.2	574	3.28	6.2	1.7	1.4	20.4	18	<0.1	0.3	0.1	55	0.21	0.029
JPR 86797	Soil	1.8	31.8	5.1	71	<0.1	6.8	10.9	756	3.91	2.7	1.7	2.8	28.2	15	<0.1	0.2	<0.1	61	0.20	0.038
JPR 86798	Soil	2.2	25.8	7.2	56	<0.1	13.1	8.0	497	3.23	5.2	2.1	8.3	19.6	20	<0.1	0.4	0.2	58	0.31	0.040
JPR 86799	Soil	1.2	21.6	8.7	58	<0.1	21.3	8.4	286	3.15	11.2	0.7	2.4	14.7	21	<0.1	0.7	0.2	59	0.24	0.024
JPR 86800	Soil	1.8	38.5	4.3	72	<0.1	10.9	11.4	653	3.57	3.6	0.9	3.0	20.3	19	<0.1	0.4	<0.1	59	0.30	0.019
JPR 86801	Soil	1.3	28.1	6.7	51	<0.1	18.4	9.3	373	2.96	8.3	1.9	6.3	11.7	19	<0.1	0.6	0.1	52	0.24	0.035
JPR 86802	Soil	3.9	39.7	7.3	57	<0.1	17.7	8.5	458	3.14	7.1	2.1	6.8	19.8	20	<0.1	0.4	0.2	52	0.28	0.027
JPR 86803	Soil	1.8	29.8	8.0	52	<0.1	18.3	8.4	333	2.79	8.2	1.4	4.5	10.6	24	<0.1	0.6	0.1	54	0.33	0.030
JPR 86804	Soil	1.3	29.1	6.8	52	<0.1	17.8	9.0	356	2.53	7.3	2.4	9.5	7.8	25	<0.1	0.4	0.1	52	0.36	0.045
JPR 87110	Soil	1.6	19.9	9.5	56	0.1	19.4	7.3	372	3.17	7.8	0.4	0.8	2.7	12	0.2	0.5	0.2	95	0.13	0.059
JPR 87111	Soil	1.4	22.1	10.9	54	0.2	24.6	10.5	562	3.24	10.5	0.6	1.8	4.4	15	<0.1	0.6	0.2	75	0.15	0.032
JPR 87112	Soil	0.8	25.0	9.6	52	<0.1	26.0	9.7	285	2.80	9.9	0.9	2.9	4.2	17	0.1	0.6	0.2	60	0.18	0.022
JPR 87113	Soil	1.7	55.6	7.2	76	<0.1	43.8	17.6	365	4.18	8.3	0.6	6.9	4.3	19	0.2	0.5	0.1	122	0.12	0.040
JPR 87114	Soil	1.9	53.7	9.9	78	<0.1	36.5	14.3	412	3.83	8.6	0.8	1.4	4.2	14	0.2	0.5	0.2	106	0.11	0.062
JPR 87115	Soil	1.0	31.6	7.9	55	<0.1	41.7	13.0	298	2.78	8.8	0.9	2.4	4.4	17	0.2	0.6	0.1	60	0.18	0.033
JPR 87116	Soil	1.2	34.6	9.6	60	<0.1	43.6	13.3	298	3.20	9.9	1.1	3.6	5.0	14	0.2	0.6	0.2	68	0.16	0.043
JPR 87117	Soil	1.6	69.3	7.7	74	0.2	74.4	16.4	353	3.64	7.1	1.5	2.3	5.1	12	0.2	0.4	0.1	96	0.20	0.067

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 86682	Soil	45	58	1.43	1064	0.098	<1	2.79	0.016	0.62	<0.1	0.02	6.1	0.2	<0.05	10	0.8
JPR 86683	Soil	41	49	0.40	280	0.028	<1	1.40	0.007	0.11	0.1	0.04	7.4	0.1	<0.05	5	1.0
JPR 86684	Soil	15	20	0.71	268	0.097	1	1.48	0.011	0.18	0.2	0.03	3.0	0.1	<0.05	5	0.6
JPR 86686	Soil	17	25	0.69	233	0.099	<1	1.62	0.009	0.18	0.1	0.03	3.3	0.1	<0.05	6	0.6
JPR 86687	Soil	26	21	1.20	301	0.135	<1	2.14	0.010	0.60	0.1	0.05	5.5	0.3	<0.05	6	0.7
JPR 86688	Soil	21	30	1.49	320	0.194	1	2.40	0.011	0.79	<0.1	0.05	6.5	0.3	<0.05	7	0.8
JPR 86689	Soil	61	43	1.09	347	0.105	1	2.14	0.012	0.47	0.1	0.06	6.6	0.4	<0.05	8	1.9
JPR 86692	Soil	21	26	0.70	308	0.094	1	1.73	0.015	0.20	0.1	0.05	4.5	0.2	<0.05	5	<0.5
JPR 86693	Soil	10	42	1.30	427	0.076	<1	2.25	0.010	0.46	<0.1	<0.01	5.7	0.3	0.15	7	1.3
JPR 86704	Soil	12	34	0.64	258	0.112	<1	1.75	0.010	0.15	0.2	0.03	4.4	0.1	<0.05	5	0.6
JPR 86736	Soil	20	14	1.10	300	0.196	<1	2.00	0.010	0.97	0.2	0.02	2.9	0.4	<0.05	6	<0.5
JPR 86738	Soil	14	19	0.69	229	0.112	1	1.61	0.011	0.17	0.2	0.03	2.7	0.1	<0.05	5	<0.5
JPR 86795	Soil	27	25	0.53	209	0.102	<1	1.48	0.016	0.16	0.2	0.03	4.1	0.1	<0.05	5	<0.5
JPR 86796	Soil	29	18	0.71	244	0.136	<1	1.90	0.010	0.52	0.2	0.02	4.0	0.3	<0.05	6	0.6
JPR 86797	Soil	41	11	0.96	166	0.164	<1	2.18	0.009	0.96	0.4	0.01	5.0	0.4	<0.05	9	<0.5
JPR 86798	Soil	48	19	0.61	157	0.098	<1	1.74	0.012	0.30	0.3	0.06	6.3	0.2	<0.05	6	<0.5
JPR 86799	Soil	14	35	0.57	146	0.101	<1	1.83	0.009	0.22	0.1	0.02	3.3	0.1	<0.05	6	<0.5
JPR 86800	Soil	20	13	0.93	151	0.151	<1	2.35	0.010	0.71	0.1	0.01	3.4	0.4	<0.05	7	0.6
JPR 86801	Soil	26	27	0.54	189	0.099	<1	1.53	0.013	0.26	0.2	0.03	5.3	0.1	<0.05	5	0.6
JPR 86802	Soil	32	21	0.66	171	0.104	<1	1.84	0.017	0.36	0.2	0.04	5.2	0.2	<0.05	7	0.6
JPR 86803	Soil	26	28	0.56	231	0.097	<1	1.71	0.015	0.11	0.1	0.04	4.7	0.1	<0.05	5	<0.5
JPR 86804	Soil	19	25	0.53	226	0.084	<1	1.41	0.015	0.12	0.2	0.04	4.8	<0.1	<0.05	5	0.6
JPR 87110	Soil	11	39	0.48	255	0.091	<1	1.83	0.010	0.08	0.2	0.02	2.6	0.1	<0.05	8	<0.5
JPR 87111	Soil	10	45	0.51	446	0.081	<1	2.31	0.015	0.07	0.1	0.02	3.6	0.2	<0.05	7	<0.5
JPR 87112	Soil	16	48	0.54	432	0.081	<1	1.89	0.011	0.05	0.1	0.03	5.2	0.1	<0.05	6	0.5
JPR 87113	Soil	15	77	1.01	495	0.180	1	2.89	0.009	0.47	0.2	0.02	5.4	0.3	<0.05	8	0.9
JPR 87114	Soil	12	60	0.84	569	0.135	1	2.70	0.008	0.39	0.1	0.02	5.1	0.3	<0.05	8	0.7
JPR 87115	Soil	12	59	0.69	363	0.091	<1	2.12	0.011	0.14	0.1	0.02	3.5	0.1	<0.05	5	<0.5
JPR 87116	Soil	12	57	0.71	365	0.087	2	2.31	0.014	0.13	0.1	0.03	3.9	0.2	<0.05	6	0.7
JPR 87117	Soil	11	116	1.35	431	0.169	<1	2.82	0.013	0.26	0.1	0.01	4.1	0.2	<0.05	8	1.0

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Client: **Underworld Resources, Inc.**
1500 - 409 Granville Street
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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 87118	Soil	0.5	56.6	3.1	38	<0.1	334.8	31.0	349	2.90	2.4	0.2	2.7	1.4	19	<0.1	0.1	0.1	51	0.30	0.010
JPR 87120	Soil	1.8	35.4	8.7	80	0.4	34.9	15.9	725	3.47	8.0	0.6	2.2	2.4	25	0.4	0.5	0.2	100	0.25	0.109
JPR 87121	Soil	1.5	27.8	9.7	58	<0.1	41.7	13.1	269	3.48	10.0	0.6	1.8	3.7	15	0.1	0.4	0.2	84	0.15	0.045
JPR 87122	Soil	1.7	32.9	9.5	63	0.2	30.9	10.9	279	3.47	10.1	0.7	7.2	3.7	14	0.1	0.6	0.2	81	0.14	0.040
JPR 87198	Soil	2.7	72.4	12.1	81	0.2	30.3	12.4	642	3.85	96.4	1.9	1.8	6.5	18	0.2	0.4	0.7	52	0.13	0.054
JPR 87199	Soil	3.6	102.5	24.2	197	0.3	53.0	35.2	2096	4.07	41.0	3.5	9.1	10.4	21	1.0	0.3	0.7	69	0.25	0.083
JPR 87200	Soil	4.7	110.2	25.1	196	0.4	58.1	44.0	2187	5.23	37.9	4.5	8.8	10.1	21	1.9	0.3	0.8	80	0.24	0.118
JPR 87201	Soil	2.2	65.4	4.2	92	0.2	46.2	38.9	1185	5.93	12.5	1.1	4.6	1.0	72	0.7	0.1	0.1	102	0.54	0.125
JPR 87202	Soil	1.7	89.3	7.4	80	0.3	27.5	12.4	437	4.47	8.0	2.0	7.0	1.9	53	0.5	0.2	0.2	74	0.53	0.099
JPR 87203	Soil	4.6	88.3	5.5	147	0.3	79.1	22.1	511	4.46	18.2	2.8	5.3	7.4	15	0.4	0.3	0.3	37	0.10	0.087
JPR 87204	Soil	2.2	69.8	11.9	189	0.1	46.1	9.7	694	5.00	8.4	3.0	1.2	13.6	16	0.4	0.2	0.2	127	0.28	0.057
JPR 87205	Soil	3.9	79.9	15.2	141	0.1	37.7	13.0	469	3.88	8.1	3.7	2.4	17.9	14	0.3	0.3	0.3	64	0.14	0.053
JPR 87206	Soil	0.6	16.5	4.0	105	<0.1	14.6	14.4	618	4.88	1.5	1.1	1.3	6.4	32	0.2	<0.1	<0.1	100	0.61	0.092
JPR 87207	Soil	0.4	24.8	6.3	91	<0.1	11.0	18.6	1113	4.86	1.0	0.9	1.7	5.6	28	0.4	<0.1	0.1	90	0.59	0.108
JPR 87208	Soil	0.4	22.0	6.1	82	<0.1	11.7	23.2	987	5.13	0.6	0.5	1.5	5.1	23	0.1	<0.1	<0.1	108	0.52	0.096
JPR 87209	Soil	2.4	23.5	14.4	96	0.1	11.2	23.1	1314	5.62	2.5	1.1	3.2	6.4	17	0.4	<0.1	0.1	104	0.48	0.089
JPR 87220	Soil	2.3	18.3	20.7	62	0.2	15.1	10.4	493	3.29	20.2	1.1	97.1	7.0	13	0.2	0.5	0.3	56	0.14	0.049
JPR 87221	Soil	1.7	20.9	13.7	62	<0.1	13.7	8.9	279	3.10	12.2	1.1	31.7	6.4	18	0.2	0.3	0.3	56	0.24	0.043
JPR 87222	Soil	2.0	28.0	56.1	105	<0.1	18.8	20.7	1028	5.70	2.7	1.3	4.0	5.7	31	0.4	0.1	1.0	132	0.65	0.099
JPR 87223	Soil	7.8	134.8	40.9	102	0.1	55.9	18.3	671	4.56	30.1	5.2	5.6	10.6	27	0.6	0.6	0.5	99	0.10	0.081
JPR 87224	Soil	4.2	44.1	27.3	106	0.7	29.2	12.0	407	3.82	24.7	2.2	8.6	5.7	24	0.3	0.5	0.4	108	0.28	0.097
JPR 87225	Soil	2.4	30.8	8.1	189	0.3	45.2	14.3	1157	4.00	11.6	1.5	2.9	5.8	31	2.2	0.2	0.2	70	0.56	0.085
JPR 87226	Soil	2.6	35.5	7.7	161	0.4	29.6	17.3	778	4.83	15.5	1.6	13.0	4.3	37	1.5	0.2	0.1	84	0.66	0.106
JPR 87313	Soil	0.6	51.7	6.1	42	<0.1	22.2	14.4	274	2.96	7.3	0.4	1.4	2.2	32	<0.1	0.4	0.1	65	0.33	0.044
JPR 87315	Soil	0.6	21.9	5.1	41	<0.1	14.2	10.6	243	2.52	4.8	0.5	1.1	2.6	17	<0.1	0.3	<0.1	57	0.31	0.042
JPR 87316	Soil	0.6	33.8	4.0	29	<0.1	18.9	11.9	157	2.55	5.6	0.3	1.6	1.3	34	<0.1	0.3	<0.1	52	0.37	0.031
JPR 87318	Soil	0.5	39.9	6.3	54	<0.1	24.5	14.8	409	3.55	5.6	0.7	2.2	2.5	27	<0.1	0.5	0.1	74	0.53	0.062
JPR 87319	Soil	0.5	48.3	3.9	80	<0.1	28.5	29.8	1050	6.27	4.1	0.3	1.5	1.7	27	<0.1	0.3	0.1	171	0.54	0.101
JPR 88035	Soil	0.7	24.6	10.3	51	<0.1	23.4	10.3	259	2.80	9.6	1.3	2.4	7.8	15	<0.1	0.5	0.2	55	0.14	0.028
JPR 88037	Soil	0.6	32.3	8.8	69	<0.1	36.0	16.4	296	3.78	6.6	2.3	1.2	15.9	12	0.2	0.4	0.2	50	0.12	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 87118	Soil	7	504	2.77	470	0.133	<1	2.41	0.009	0.14	<0.1	<0.01	3.5	0.2	<0.05	6	<0.5
JPR 87120	Soil	9	43	0.53	883	0.086	1	1.93	0.012	0.09	0.2	0.02	3.0	<0.1	<0.05	7	0.9
JPR 87121	Soil	10	66	0.80	344	0.105	<1	2.46	0.011	0.09	0.1	0.01	4.0	0.1	<0.05	7	0.6
JPR 87122	Soil	11	52	0.75	392	0.112	<1	2.34	0.008	0.17	0.1	0.02	4.1	0.1	<0.05	7	<0.5
JPR 87198	Soil	23	35	0.74	248	0.041	<1	1.83	0.010	0.08	<0.1	0.01	3.6	0.1	<0.05	6	1.4
JPR 87199	Soil	39	52	1.43	598	0.033	<1	2.42	0.007	0.22	<0.1	0.03	6.7	0.2	<0.05	10	2.8
JPR 87200	Soil	38	55	1.20	547	0.020	<1	2.16	0.006	0.17	<0.1	0.03	7.3	0.1	<0.05	9	3.4
JPR 87201	Soil	8	24	1.61	878	0.054	<1	3.36	0.020	0.46	<0.1	0.02	9.0	0.2	0.15	11	0.7
JPR 87202	Soil	11	21	1.12	422	0.035	<1	2.40	0.034	0.13	<0.1	0.02	8.6	<0.1	0.15	7	2.3
JPR 87203	Soil	22	17	0.12	125	0.007	<1	0.62	0.003	0.07	<0.1	0.05	3.9	<0.1	<0.05	2	1.3
JPR 87204	Soil	34	42	0.84	280	0.060	<1	1.64	0.008	0.34	<0.1	0.05	11.8	0.2	<0.05	6	1.3
JPR 87205	Soil	46	27	0.54	204	0.071	<1	1.21	0.006	0.37	<0.1	0.06	5.3	0.4	<0.05	5	1.0
JPR 87206	Soil	13	27	1.56	600	0.073	<1	2.94	0.012	0.74	<0.1	0.02	7.4	0.2	<0.05	9	<0.5
JPR 87207	Soil	12	22	1.44	507	0.033	<1	2.62	0.011	0.43	<0.1	0.02	7.3	0.1	<0.05	8	<0.5
JPR 87208	Soil	10	29	1.91	993	0.200	<1	2.84	0.011	1.36	<0.1	<0.01	5.7	0.4	<0.05	8	<0.5
JPR 87209	Soil	20	24	1.92	795	0.188	<1	2.84	0.009	1.34	<0.1	0.04	9.1	0.4	<0.05	9	<0.5
JPR 87220	Soil	14	28	0.52	195	0.072	<1	1.73	0.012	0.13	0.1	0.02	3.1	0.1	<0.05	6	<0.5
JPR 87221	Soil	15	24	0.63	219	0.089	<1	1.71	0.011	0.17	0.1	0.01	3.2	0.1	<0.05	5	<0.5
JPR 87222	Soil	14	31	1.55	509	0.115	<1	2.68	0.011	1.03	<0.1	0.03	10.3	0.3	<0.05	9	<0.5
JPR 87223	Soil	36	48	0.32	314	0.042	<1	1.13	0.004	0.17	<0.1	0.04	7.5	0.3	<0.05	6	2.1
JPR 87224	Soil	17	37	0.42	266	0.047	<1	1.86	0.009	0.06	0.2	0.09	4.1	0.1	<0.05	6	0.8
JPR 87225	Soil	21	21	1.14	300	0.032	<1	2.45	0.011	0.49	<0.1	0.09	7.0	0.2	<0.05	7	<0.5
JPR 87226	Soil	11	29	1.44	400	0.041	<1	2.98	0.011	0.40	<0.1	0.09	6.3	0.2	<0.05	9	0.6
JPR 87313	Soil	6	45	0.72	163	0.067	<1	1.90	0.019	0.05	0.1	<0.01	3.8	<0.1	<0.05	5	<0.5
JPR 87315	Soil	9	24	0.65	163	0.092	<1	1.68	0.021	0.04	0.1	<0.01	2.9	<0.1	<0.05	5	<0.5
JPR 87316	Soil	4	33	0.53	139	0.056	<1	1.84	0.017	0.02	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5
JPR 87318	Soil	10	49	0.81	188	0.062	<1	2.16	0.025	0.03	<0.1	0.02	7.2	<0.1	<0.05	6	<0.5
JPR 87319	Soil	7	61	2.43	227	0.082	<1	3.87	0.010	0.16	<0.1	<0.01	11.9	0.1	<0.05	10	<0.5
JPR 88035	Soil	21	34	0.55	187	0.094	1	2.15	0.009	0.12	0.1	0.03	4.2	0.2	<0.05	5	0.6
JPR 88037	Soil	40	37	0.73	188	0.122	<1	2.35	0.008	0.42	0.1	0.01	4.1	0.4	<0.05	6	<0.5

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 88041	Soil	0.4	31.8	9.0	63	0.1	27.3	11.5	807	2.52	8.8	1.0	1.4	2.7	34	0.5	0.7	0.1	51	1.60	0.071
JPR 88044	Soil	0.2	28.1	9.3	54	0.1	25.0	10.2	438	2.30	8.5	0.8	2.9	2.9	34	0.3	0.7	0.2	52	1.42	0.075
JPR 88046	Soil	0.3	27.2	8.9	54	<0.1	22.2	9.0	246	2.25	7.9	1.1	3.2	3.5	31	0.3	0.6	0.2	52	0.99	0.063
JPR 88049	Soil	0.9	20.7	11.1	52	<0.1	15.0	11.3	397	2.13	8.2	1.5	1.7	2.2	41	0.2	0.5	0.2	48	0.49	0.073
JPR 88053	Soil	0.6	5.0	8.5	65	<0.1	8.3	11.2	2217	3.12	1.2	2.3	410.4	5.7	23	<0.1	0.2	0.1	29	0.34	0.049
JPR 88075	Soil	0.4	35.8	10.3	102	0.2	30.8	11.1	609	2.09	10.2	0.4	2.9	4.3	28	1.7	0.6	0.2	54	2.13	0.302
JPR 88076	Soil	0.6	22.8	10.7	47	<0.1	17.1	10.5	427	2.23	7.1	2.3	1.4	2.9	42	0.2	0.5	0.2	49	0.78	0.055
JPR 88078	Soil	0.3	34.0	10.4	63	0.1	28.3	10.8	476	2.61	10.2	0.6	4.7	2.3	31	0.4	0.6	0.2	55	1.46	0.061
JPR 88088	Soil	0.4	31.0	9.9	62	0.1	26.7	10.7	484	2.47	8.6	1.7	1.9	3.7	49	0.4	0.7	0.2	51	1.02	0.070
JPR 88089	Soil	0.5	31.5	10.1	65	0.1	26.5	10.4	335	2.62	9.5	1.3	2.0	3.1	46	0.5	0.7	0.2	53	1.11	0.059
JPR 88097	Soil	0.7	28.9	10.2	57	<0.1	28.7	11.6	384	3.08	8.9	0.8	4.5	4.5	20	<0.1	0.5	0.2	55	0.22	0.057
JPR 88098	Soil	0.6	28.6	8.1	64	<0.1	26.3	10.3	294	2.84	6.6	0.9	4.4	5.8	25	0.1	0.5	0.2	52	0.30	0.074
JPR 88099	Soil	0.6	23.4	12.4	45	<0.1	17.2	7.9	462	1.92	7.6	2.6	1.8	3.6	83	0.1	0.5	0.2	38	0.78	0.054
JPR 88100	Soil	0.4	23.3	9.8	53	0.1	20.3	9.5	505	2.07	8.8	1.5	3.1	3.1	57	0.3	0.7	0.2	45	0.97	0.053
JPR 88105	Soil	0.9	14.7	10.0	44	<0.1	15.4	7.1	179	2.73	9.5	1.4	4.0	13.9	13	<0.1	0.5	0.2	56	0.11	0.020
JPR 88106	Soil	0.1	16.3	5.1	77	<0.1	14.5	23.1	531	3.64	2.2	0.9	4.3	2.5	32	0.1	0.2	<0.1	69	0.81	0.093
JPR 88107	Soil	0.1	16.2	4.9	78	<0.1	14.6	23.7	496	3.80	2.1	0.9	3.5	2.5	33	<0.1	0.2	<0.1	69	0.84	0.096
JPR 88108	Soil	0.2	44.0	7.2	61	0.1	19.7	15.7	259	2.97	6.0	2.4	3.6	2.8	35	0.5	0.6	0.1	53	0.99	0.088
JPR 88109	Soil	0.3	42.3	6.5	108	<0.1	26.5	13.6	370	3.48	2.4	0.7	1.9	2.7	25	0.8	0.5	0.1	76	0.55	0.080
JPR 88110	Soil	0.5	35.9	8.7	186	0.5	66.5	16.1	916	2.84	6.4	1.2	2.6	3.0	32	11.6	1.1	0.1	76	0.92	0.110
JPR 88111	Soil	0.2	61.1	5.4	56	0.2	23.9	6.1	505	1.46	2.9	2.7	0.8	1.2	42	1.4	0.5	<0.1	35	2.25	0.077
JPR 88112	Soil	0.5	42.9	7.6	203	0.3	37.7	12.7	417	2.08	6.8	1.2	5.5	2.9	32	2.1	0.7	<0.1	103	1.13	0.197
JPR 88113	Soil	0.1	11.9	5.7	77	0.1	4.8	3.6	334	1.62	1.5	0.5	1.6	2.6	41	0.2	0.2	<0.1	19	0.65	0.082
JPR 88114	Soil	0.2	24.3	4.6	61	0.2	26.4	6.2	380	1.43	5.5	0.3	2.2	1.6	46	1.8	0.4	<0.1	48	9.49	0.176
JPR 88155	Soil	0.9	22.5	8.7	62	<0.1	22.8	9.7	393	3.02	7.4	1.5	2.6	6.2	20	0.1	0.5	0.2	54	0.20	0.044
JPR 88158	Soil	0.5	42.1	9.9	96	<0.1	38.3	14.3	395	4.23	3.3	1.7	0.8	11.5	33	0.1	0.2	0.2	63	0.31	0.046
JPR 88165	Soil	0.3	25.1	8.9	77	<0.1	30.0	14.5	300	3.65	1.8	2.8	2.0	18.9	11	<0.1	0.1	0.3	41	0.17	0.064
JPR 88169	Soil	0.5	22.0	6.2	37	<0.1	17.0	11.1	257	2.20	5.8	0.6	2.3	3.7	59	<0.1	0.3	<0.1	52	0.38	0.035
JPR 88170	Soil	0.2	19.4	6.4	28	<0.1	32.4	11.6	186	1.96	1.2	0.9	<0.5	5.0	66	<0.1	<0.1	<0.1	57	0.55	0.047
JPR 88177	Soil	1.3	24.2	12.3	70	0.2	23.5	14.9	344	3.72	8.5	1.6	2.0	8.3	13	0.1	0.5	0.3	74	0.12	0.032

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Project: JPR
Report Date: December 03, 2009

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 88041	Soil	13	29	0.48	292	0.057	2	1.50	0.016	0.04	0.2	0.03	3.6	<0.1	<0.05	4	0.9
JPR 88044	Soil	14	28	0.48	278	0.064	2	1.50	0.016	0.04	0.2	0.04	3.6	<0.1	<0.05	4	1.0
JPR 88046	Soil	13	27	0.42	267	0.060	2	1.49	0.014	0.04	0.2	0.04	3.7	0.1	<0.05	4	<0.5
JPR 88049	Soil	14	27	0.36	268	0.043	1	1.55	0.012	0.04	<0.1	0.04	3.6	0.1	<0.05	5	<0.5
JPR 88053	Soil	36	9	0.51	362	0.015	2	1.21	0.006	0.42	<0.1	0.02	5.5	0.5	<0.05	6	<0.5
JPR 88075	Soil	43	33	1.16	202	0.005	7	2.05	0.006	0.12	<0.1	0.05	6.0	0.2	<0.05	6	0.7
JPR 88076	Soil	14	26	0.37	323	0.044	2	1.65	0.012	0.04	<0.1	0.04	3.7	<0.1	<0.05	5	0.5
JPR 88078	Soil	13	30	0.48	276	0.053	2	1.70	0.015	0.04	0.1	0.05	3.6	<0.1	<0.05	5	0.8
JPR 88088	Soil	14	28	0.48	343	0.055	3	1.58	0.016	0.05	<0.1	0.04	4.1	<0.1	<0.05	5	<0.5
JPR 88089	Soil	17	30	0.50	321	0.032	2	1.65	0.013	0.04	0.1	0.06	3.9	0.1	<0.05	5	0.7
JPR 88097	Soil	15	35	0.58	209	0.109	<1	1.83	0.010	0.17	0.2	0.02	3.7	0.2	<0.05	6	<0.5
JPR 88098	Soil	22	33	0.61	201	0.112	<1	1.51	0.012	0.22	0.2	0.02	3.5	0.3	<0.05	5	<0.5
JPR 88099	Soil	16	22	0.37	559	0.035	3	1.45	0.017	0.06	<0.1	0.03	3.3	0.1	<0.05	4	0.6
JPR 88100	Soil	14	23	0.42	387	0.041	3	1.45	0.015	0.05	<0.1	0.05	3.7	<0.1	<0.05	4	<0.5
JPR 88105	Soil	26	26	0.44	129	0.066	1	1.94	0.008	0.06	0.1	<0.01	2.6	0.1	<0.05	6	<0.5
JPR 88106	Soil	6	10	1.34	206	0.054	3	2.72	0.011	0.35	<0.1	<0.01	5.5	0.1	<0.05	6	<0.5
JPR 88107	Soil	7	10	1.42	216	0.058	4	2.92	0.011	0.39	<0.1	<0.01	5.6	0.1	<0.05	6	<0.5
JPR 88108	Soil	12	20	0.69	236	0.043	4	1.75	0.013	0.13	0.1	0.04	4.4	<0.1	<0.05	5	<0.5
JPR 88109	Soil	19	26	0.71	221	0.017	4	2.17	0.008	0.22	<0.1	0.03	12.2	0.2	<0.05	7	<0.5
JPR 88110	Soil	18	50	1.43	344	0.049	4	2.16	0.017	0.15	0.1	0.07	5.4	0.3	<0.05	5	0.9
JPR 88111	Soil	12	14	0.38	285	0.006	6	1.35	0.008	0.02	<0.1	0.04	2.4	<0.1	<0.05	3	0.6
JPR 88112	Soil	18	38	0.89	193	0.008	4	2.34	0.007	0.13	<0.1	0.05	5.8	0.3	<0.05	6	<0.5
JPR 88113	Soil	14	3	0.46	129	0.002	3	1.55	0.006	0.11	<0.1	0.01	1.6	<0.1	<0.05	6	<0.5
JPR 88114	Soil	9	31	1.92	153	0.021	3	1.58	0.010	0.04	<0.1	0.03	3.2	0.1	<0.05	4	<0.5
JPR 88155	Soil	27	33	0.55	245	0.113	1	1.88	0.011	0.24	0.1	0.04	4.1	0.3	<0.05	6	0.5
JPR 88158	Soil	30	54	0.82	360	0.164	<1	3.97	0.015	0.52	<0.1	0.02	5.2	0.4	<0.05	11	<0.5
JPR 88165	Soil	42	36	0.88	195	0.152	<1	2.36	0.011	0.83	<0.1	<0.01	3.9	0.7	<0.05	7	<0.5
JPR 88169	Soil	14	26	0.54	203	0.069	<1	2.71	0.033	0.04	0.1	0.03	3.3	<0.1	<0.05	6	<0.5
JPR 88170	Soil	17	101	0.95	415	0.150	<1	3.79	0.089	0.23	<0.1	<0.01	2.4	0.1	<0.05	8	<0.5
JPR 88177	Soil	25	44	0.60	225	0.131	2	2.80	0.007	0.22	0.1	0.03	4.7	0.3	<0.05	8	<0.5

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 88179	Soil	0.9	26.7	13.1	74	<0.1	27.3	14.5	341	3.74	8.3	1.9	1.2	13.8	15	<0.1	0.5	0.3	57	0.14	0.037
JPR 88180	Soil	1.0	22.3	10.6	64	<0.1	27.2	12.6	227	3.87	7.1	1.3	0.6	10.1	11	0.1	0.3	0.3	60	0.11	0.033
JPR 88181	Soil	0.7	32.1	11.2	89	<0.1	39.3	15.1	307	4.02	5.2	1.5	1.1	13.1	25	<0.1	0.3	0.4	74	0.18	0.028
JPR 88182	Soil	0.6	27.2	10.5	62	<0.1	38.5	14.0	241	3.70	6.1	1.4	6.8	11.9	13	<0.1	0.4	0.3	52	0.13	0.025
JPR 88183	Soil	0.8	34.4	9.5	75	<0.1	36.6	16.9	345	3.92	6.5	1.6	1.2	11.7	15	<0.1	0.3	0.2	58	0.14	0.042
JPR 88184	Soil	1.1	24.9	11.4	77	<0.1	31.3	13.0	306	4.08	8.0	0.9	1.0	6.2	12	<0.1	0.4	0.2	75	0.11	0.026
JPR 88185	Soil	0.6	27.2	9.7	73	<0.1	30.5	13.8	345	3.64	5.6	1.5	1.3	9.3	20	<0.1	0.3	0.2	60	0.19	0.023
JPR 88186	Soil	0.9	27.0	10.3	66	<0.1	27.5	11.1	349	3.13	8.6	1.4	2.5	6.4	30	<0.1	0.5	0.2	59	0.35	0.046
JPR 88187	Soil	0.6	27.7	9.9	67	<0.1	28.9	11.8	369	3.17	7.9	1.5	5.9	7.0	28	<0.1	0.4	0.2	57	0.33	0.046
JPR 88189	Soil	0.6	32.2	9.7	75	<0.1	27.8	13.0	370	3.76	6.4	1.5	5.9	10.6	26	<0.1	0.4	0.2	55	0.18	0.021
JPR 88206	Soil	0.4	23.3	10.2	83	<0.1	39.6	18.4	344	4.35	3.8	1.0	<0.5	9.1	12	<0.1	0.2	0.1	53	0.12	0.031
JPR 88212	Soil	0.8	20.2	10.2	49	<0.1	24.0	9.7	248	3.35	9.4	0.9	2.2	5.8	13	0.1	0.5	0.2	67	0.14	0.031
JPR 88215	Soil	0.5	40.0	8.7	67	<0.1	36.9	15.5	275	4.25	1.7	3.6	3.0	23.9	9	<0.1	0.1	0.4	37	0.14	0.055
JPR 88219	Soil	1.1	20.2	11.6	47	<0.1	20.8	8.0	235	3.31	6.6	1.3	2.2	3.4	12	0.1	0.4	0.4	65	0.11	0.043
JPR 88220	Soil	0.8	24.8	10.1	60	<0.1	31.0	12.8	255	3.98	6.7	1.4	2.3	10.3	16	<0.1	0.4	0.3	61	0.13	0.039
JPR 88221	Soil	1.0	22.3	12.7	62	<0.1	22.4	10.2	246	3.60	7.0	1.6	0.9	6.7	14	<0.1	0.3	0.3	63	0.13	0.045
JPR 88222	Soil	0.9	30.4	9.9	72	<0.1	35.4	14.7	273	3.47	5.1	1.7	1.2	10.0	20	0.1	0.3	0.3	57	0.21	0.060
JPR 88223	Soil	0.5	31.2	8.0	58	<0.1	32.2	14.1	557	3.05	4.5	2.3	1.0	11.7	52	<0.1	0.3	0.2	52	0.65	0.072
JPR 88224	Soil	0.5	26.5	9.6	73	0.1	27.7	14.5	869	2.83	5.9	1.8	2.2	3.1	118	0.2	0.4	0.2	54	1.34	0.087
JPR 88227	Soil	0.8	40.7	11.2	48	<0.1	40.3	16.7	140	4.10	2.7	1.8	0.7	14.9	40	<0.1	0.1	0.4	55	0.22	0.070
JPR 88228	Soil	1.0	24.5	11.1	58	<0.1	27.3	11.9	289	3.25	10.4	1.1	3.1	8.2	19	<0.1	0.6	0.2	64	0.15	0.025
JPR 88280	Soil	0.9	33.6	9.6	69	0.1	27.3	10.4	414	2.76	9.2	0.7	2.0	5.1	27	0.3	0.7	0.2	52	0.41	0.072
JPR 88282	Soil	0.8	22.0	8.7	51	<0.1	20.4	8.5	184	2.41	5.9	0.9	2.9	3.6	24	0.1	0.4	0.2	45	0.29	0.048
JPR 88467	Soil	11.4	71.8	14.5	125	<0.1	41.9	12.3	282	3.87	5.0	3.2	3.1	13.5	34	0.1	0.2	0.3	76	0.16	0.040
JPR 88632	Soil	0.5	23.0	8.2	61	<0.1	29.1	12.2	280	2.97	6.6	0.8	2.1	6.5	52	<0.1	0.3	0.1	50	0.40	0.060
JPR 88633	Soil	0.4	41.8	4.7	42	<0.1	37.9	13.6	268	2.98	4.3	1.1	1.3	7.9	66	<0.1	0.3	<0.1	45	0.62	0.068
JPR 88634	Soil	0.1	23.2	5.8	111	<0.1	38.0	19.4	647	4.71	1.6	1.1	<0.5	12.4	37	<0.1	0.1	<0.1	91	0.66	0.070
JPR 88635	Soil	0.5	32.8	7.6	65	<0.1	23.0	11.8	259	3.27	5.7	1.8	1.3	7.8	42	<0.1	0.4	0.1	63	0.52	0.047
JPR 88636	Soil	0.5	41.8	11.2	72	<0.1	35.2	12.8	446	3.59	7.6	1.3	2.1	8.4	83	0.1	0.5	0.1	58	0.99	0.082
JPR 88637	Soil	0.3	52.0	14.5	109	0.1	56.7	20.9	907	5.04	6.2	2.1	3.4	15.5	230	0.1	0.2	0.2	62	3.27	0.118

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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
JPR 88179	Soil	32	40	0.74	198	0.149	1	2.66	0.010	0.46	<0.1	0.02	4.1	0.4	<0.05	7	<0.5
JPR 88180	Soil	14	39	0.70	135	0.141	<1	2.68	0.007	0.33	<0.1	0.02	3.2	0.3	<0.05	7	<0.5
JPR 88181	Soil	41	55	1.03	241	0.177	1	3.25	0.011	0.61	<0.1	0.03	6.2	0.5	<0.05	10	<0.5
JPR 88182	Soil	32	41	0.89	188	0.143	<1	2.81	0.009	0.46	<0.1	0.02	4.0	0.5	<0.05	7	<0.5
JPR 88183	Soil	31	44	0.94	189	0.177	<1	2.97	0.011	0.57	0.1	0.02	4.2	0.5	<0.05	7	<0.5
JPR 88184	Soil	14	48	0.78	198	0.177	<1	2.82	0.009	0.41	0.1	<0.01	4.2	0.4	<0.05	10	<0.5
JPR 88185	Soil	31	43	0.86	242	0.185	1	2.53	0.011	0.46	0.1	0.01	5.7	0.5	<0.05	7	<0.5
JPR 88186	Soil	21	41	0.72	287	0.121	2	2.05	0.015	0.19	0.2	0.02	4.9	0.2	<0.05	6	<0.5
JPR 88187	Soil	22	40	0.75	276	0.129	1	2.04	0.016	0.22	0.1	0.02	4.7	0.2	<0.05	6	<0.5
JPR 88189	Soil	34	42	0.81	269	0.180	<1	2.47	0.013	0.50	<0.1	0.02	5.6	0.4	<0.05	7	<0.5
JPR 88206	Soil	22	49	1.01	199	0.217	<1	2.65	0.009	0.89	<0.1	<0.01	4.3	0.7	<0.05	8	<0.5
JPR 88212	Soil	19	37	0.53	192	0.100	1	2.22	0.009	0.17	0.1	0.02	3.8	0.1	<0.05	7	<0.5
JPR 88215	Soil	56	35	0.67	134	0.149	<1	1.86	0.010	0.71	<0.1	0.14	4.2	0.6	<0.05	6	<0.5
JPR 88219	Soil	22	32	0.53	93	0.088	1	1.77	0.009	0.28	<0.1	0.02	2.2	0.3	<0.05	8	<0.5
JPR 88220	Soil	24	38	0.76	125	0.139	<1	2.40	0.009	0.43	0.1	0.01	3.6	0.4	<0.05	8	<0.5
JPR 88221	Soil	27	29	0.54	110	0.109	1	1.88	0.008	0.25	<0.1	0.02	2.4	0.3	<0.05	7	<0.5
JPR 88222	Soil	39	36	0.72	149	0.154	1	2.27	0.009	0.46	0.1	0.02	3.3	0.4	<0.05	7	<0.5
JPR 88223	Soil	37	39	0.70	187	0.137	<1	2.06	0.017	0.26	0.1	0.02	4.3	0.3	<0.05	6	<0.5
JPR 88224	Soil	30	36	0.57	251	0.073	2	2.15	0.016	0.05	0.2	0.03	3.9	0.1	0.07	5	<0.5
JPR 88227	Soil	37	50	1.11	181	0.176	1	2.79	0.018	0.84	<0.1	<0.01	3.9	0.7	0.11	8	<0.5
JPR 88228	Soil	15	40	0.63	160	0.114	2	2.20	0.010	0.14	0.2	0.02	3.2	0.2	<0.05	6	0.6
JPR 88280	Soil	15	30	0.59	301	0.093	1	1.48	0.021	0.11	0.2	0.03	3.4	0.1	<0.05	4	<0.5
JPR 88282	Soil	14	29	0.51	224	0.083	1	1.51	0.012	0.07	0.2	0.02	2.8	0.1	<0.05	5	<0.5
JPR 88467	Soil	34	37	1.08	299	0.126	<1	1.80	0.010	0.50	<0.1	0.01	4.9	0.4	0.05	6	1.5
JPR 88632	Soil	15	39	0.74	197	0.053	1	1.91	0.009	0.05	0.1	0.02	3.1	<0.1	<0.05	6	<0.5
JPR 88633	Soil	21	37	0.80	233	0.052	<1	1.81	0.011	0.03	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5
JPR 88634	Soil	27	167	1.53	318	0.194	<1	2.71	0.016	0.66	<0.1	0.01	8.3	0.3	<0.05	12	<0.5
JPR 88635	Soil	27	45	0.70	234	0.102	<1	2.16	0.013	0.07	0.1	0.03	5.6	<0.1	<0.05	7	0.5
JPR 88636	Soil	29	45	0.60	284	0.054	2	1.99	0.015	0.05	0.1	0.04	6.6	<0.1	<0.05	6	0.7
JPR 88637	Soil	44	63	1.02	286	0.064	4	2.76	0.026	0.27	0.1	0.03	10.1	0.4	<0.05	9	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 88638	Soil	0.2	49.2	12.1	106	<0.1	53.7	21.4	564	4.01	4.8	0.9	1.5	8.3	128	<0.1	0.2	0.1	47	1.88	0.078
JPR 88639	Soil	0.4	37.0	11.2	66	<0.1	30.0	11.8	380	2.56	6.8	0.8	1.6	4.7	84	0.3	0.6	0.1	46	1.60	0.065
JPR 88640	Soil	0.3	29.9	9.8	53	<0.1	27.6	12.0	383	2.58	8.1	0.8	1.7	4.2	98	0.3	0.5	0.1	47	1.52	0.073
JPR 88641	Soil	0.3	31.5	9.4	56	<0.1	25.7	10.8	359	2.52	8.3	0.9	2.0	4.3	66	0.3	0.6	0.2	50	1.11	0.059
JPR 88642	Soil	0.3	38.4	8.5	100	<0.1	46.4	22.0	468	4.75	1.2	1.5	1.2	24.7	26	<0.1	<0.1	0.2	46	0.43	0.081
JPR 88643	Soil	0.3	32.7	8.3	92	<0.1	43.1	19.6	403	4.27	1.7	1.3	<0.5	22.5	30	<0.1	0.1	0.2	43	0.49	0.078
JPR 88684	Soil	1.9	21.0	10.8	48	0.1	20.2	9.6	259	2.96	9.9	0.6	2.1	5.6	19	0.1	0.6	0.2	64	0.16	0.018
JPR 88685	Soil	1.4	36.4	9.6	57	<0.1	27.3	10.4	315	2.81	10.2	1.4	4.5	7.0	20	<0.1	0.7	0.2	63	0.21	0.020
JPR 88784	Soil	0.4	16.1	8.9	81	<0.1	11.3	12.6	718	4.38	4.9	2.0	1.2	15.7	24	<0.1	0.3	0.1	74	0.37	0.092
JPR 88790	Soil	0.7	23.3	7.3	50	<0.1	21.2	8.5	259	2.68	9.8	1.0	3.0	6.6	22	0.1	0.6	0.1	54	0.24	0.034
JPR 88810	Soil	1.2	27.0	9.4	45	<0.1	22.9	9.4	278	2.81	9.8	1.1	3.5	5.5	20	<0.1	0.6	0.2	60	0.18	0.011
JPR 88811	Soil	1.8	30.7	9.7	50	<0.1	23.9	9.0	293	2.63	10.0	0.9	47.9	5.8	26	<0.1	0.7	0.2	57	0.27	0.019
JPR 88812	Soil	1.5	39.1	11.0	53	0.2	25.7	11.7	408	2.86	9.9	1.6	2.8	5.3	26	0.1	0.7	0.2	65	0.27	0.021
JPR 88813	Soil	6.4	25.3	15.8	60	<0.1	13.9	8.8	473	2.48	12.4	2.2	11.1	10.7	13	0.2	0.8	0.2	52	0.13	0.030
JPR 88818	Soil	3.2	19.1	11.1	46	<0.1	17.9	7.7	189	3.00	17.6	0.5	4.4	4.7	14	0.1	0.8	0.2	69	0.16	0.028
JPR 88819	Soil	9.3	54.9	22.0	71	0.4	26.1	33.8	2560	4.50	33.8	7.4	19.9	21.0	30	0.2	1.3	0.4	88	0.31	0.046
JPR 88820	Soil	1.7	16.9	9.8	57	<0.1	17.9	11.0	518	2.96	12.8	1.1	3.5	9.5	13	<0.1	0.5	0.2	59	0.15	0.032
JPR 88821	Soil	4.4	9.6	7.1	79	0.1	9.7	10.4	736	4.31	5.8	1.4	1.7	4.7	11	0.2	0.4	0.6	98	0.12	0.044
JPR 88822	Soil	1.0	20.1	6.6	73	<0.1	8.3	17.7	801	5.61	3.9	1.3	<0.5	7.8	11	<0.1	0.5	0.7	123	0.15	0.016
JPR 88823	Soil	1.4	12.9	9.0	70	<0.1	12.3	11.2	532	3.42	8.6	0.8	3.7	7.2	13	<0.1	0.4	0.1	61	0.14	0.020
JPR 88939	Soil	1.4	32.3	11.4	58	<0.1	30.6	14.6	674	3.95	12.8	0.6	1.6	3.0	12	0.2	0.7	0.2	78	0.12	0.048
JPR 88940	Soil	1.3	47.7	11.5	77	0.3	35.4	14.6	674	3.75	11.3	0.9	2.5	4.0	17	0.2	0.9	0.2	81	0.15	0.029
JPR 88941	Soil	1.0	48.0	11.4	64	0.1	27.9	11.6	670	3.15	10.3	0.9	5.4	3.4	16	0.1	0.6	0.2	69	0.15	0.045
JPR 88942	Soil	0.9	91.6	12.1	89	<0.1	46.4	22.0	1349	3.75	10.2	0.6	34.5	2.7	16	0.2	0.7	0.2	87	0.20	0.048
JPR 88943	Soil	1.0	22.4	11.0	54	<0.1	38.3	10.4	359	2.98	9.8	0.6	2.6	3.4	13	0.1	0.5	0.2	69	0.13	0.029
JPR 88944	Soil	1.2	56.3	10.2	68	<0.1	36.1	15.8	654	3.92	13.5	0.5	2.6	3.0	11	0.1	0.5	0.2	97	0.11	0.050
JPR 88945	Soil	1.0	48.5	8.9	70	<0.1	47.8	14.0	540	3.28	10.8	0.7	2.8	3.7	17	0.1	0.6	0.2	75	0.18	0.036
JPR 88946	Soil	0.8	57.8	9.6	62	0.1	31.9	11.3	568	2.93	10.5	1.1	6.3	4.4	17	<0.1	0.7	0.2	64	0.16	0.022
JPR 88947	Soil	1.1	29.0	11.3	52	<0.1	23.4	9.0	377	2.82	10.5	1.0	3.5	3.4	15	<0.1	0.6	0.2	67	0.13	0.027
JPR 88948	Soil	1.2	47.0	10.6	81	<0.1	36.6	13.3	941	3.62	12.4	0.7	1.9	2.3	10	0.2	0.7	0.2	76	0.10	0.060

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1500 - 409 Granville Street
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Project: JPR
Report Date: December 03, 2009

CERTIFICATE OF ANALYSIS VAN09005531.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		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
JPR 88638	Soil	25	47	0.83	243	0.082	3	2.38	0.041	0.26	0.1	0.03	4.4	0.3	<0.05	7	<0.5
JPR 88639	Soil	16	30	0.43	266	0.058	3	1.29	0.017	0.06	0.1	0.12	4.1	<0.1	<0.05	4	<0.5
JPR 88640	Soil	17	27	0.38	246	0.046	2	1.36	0.015	0.03	0.1	0.09	4.0	<0.1	<0.05	4	0.5
JPR 88641	Soil	16	29	0.41	266	0.054	2	1.47	0.017	0.04	0.1	0.09	4.0	<0.1	<0.05	4	<0.5
JPR 88642	Soil	57	41	0.86	140	0.146	1	2.01	0.008	0.82	<0.1	<0.01	4.5	0.7	<0.05	7	<0.5
JPR 88643	Soil	47	39	0.79	156	0.141	2	1.97	0.008	0.77	<0.1	0.01	4.4	0.7	<0.05	7	<0.5
JPR 88684	Soil	9	35	0.46	236	0.072	<1	2.10	0.009	0.06	0.1	0.03	3.1	0.1	<0.05	5	<0.5
JPR 88685	Soil	19	38	0.53	294	0.084	<1	1.89	0.011	0.06	0.1	0.04	6.6	<0.1	<0.05	5	<0.5
JPR 88784	Soil	38	16	0.91	277	0.147	2	2.21	0.008	0.67	0.2	0.10	6.4	0.4	<0.05	7	<0.5
JPR 88790	Soil	23	32	0.49	222	0.083	<1	1.45	0.010	0.07	0.1	0.04	4.7	<0.1	<0.05	4	0.7
JPR 88810	Soil	15	39	0.48	244	0.080	<1	1.83	0.012	0.06	<0.1	0.03	5.6	<0.1	<0.05	5	<0.5
JPR 88811	Soil	17	35	0.51	310	0.087	1	1.66	0.014	0.05	0.1	0.07	5.8	<0.1	<0.05	4	<0.5
JPR 88812	Soil	16	40	0.51	358	0.083	1	1.97	0.013	0.05	0.1	0.04	6.0	<0.1	<0.05	5	<0.5
JPR 88813	Soil	14	21	0.39	136	0.104	1	1.38	0.011	0.18	0.2	0.21	4.1	0.2	<0.05	4	<0.5
JPR 88818	Soil	9	32	0.48	141	0.078	1	1.92	0.008	0.06	0.1	0.02	2.9	<0.1	<0.05	6	<0.5
JPR 88819	Soil	53	44	0.46	530	0.048	1	3.14	0.010	0.13	0.1	0.68	11.6	0.4	<0.05	9	1.0
JPR 88820	Soil	11	28	0.43	254	0.069	1	1.74	0.009	0.15	0.1	0.06	4.0	0.1	<0.05	5	<0.5
JPR 88821	Soil	5	15	0.72	205	0.162	<1	1.93	0.010	0.29	0.2	0.02	5.8	0.2	<0.05	10	<0.5
JPR 88822	Soil	8	17	1.49	168	0.182	3	3.42	0.007	0.93	0.3	<0.01	8.7	0.5	<0.05	9	<0.5
JPR 88823	Soil	9	20	0.70	193	0.113	<1	2.02	0.009	0.36	0.4	0.02	3.8	0.2	<0.05	6	<0.5
JPR 88939	Soil	11	44	0.59	164	0.090	1	2.32	0.009	0.09	0.2	0.02	3.4	0.1	0.05	7	0.5
JPR 88940	Soil	13	43	0.66	277	0.098	1	2.42	0.012	0.09	0.2	0.04	5.1	0.1	<0.05	7	<0.5
JPR 88941	Soil	16	40	0.56	256	0.081	1	2.10	0.011	0.08	0.2	0.04	4.6	0.1	<0.05	6	<0.5
JPR 88942	Soil	16	61	0.79	338	0.115	2	2.06	0.009	0.18	0.1	0.01	5.3	0.1	<0.05	8	<0.5
JPR 88943	Soil	12	60	0.63	199	0.108	1	2.06	0.010	0.08	0.2	0.02	3.3	0.1	<0.05	7	<0.5
JPR 88944	Soil	12	56	0.74	173	0.135	1	2.31	0.008	0.14	0.1	0.01	4.2	0.1	<0.05	10	<0.5
JPR 88945	Soil	15	54	0.79	325	0.110	2	2.15	0.012	0.13	0.1	0.02	4.6	0.1	<0.05	7	<0.5
JPR 88946	Soil	19	41	0.57	284	0.072	1	1.79	0.010	0.08	0.1	0.03	5.1	0.1	<0.05	6	0.5
JPR 88947	Soil	16	37	0.53	208	0.065	1	2.04	0.011	0.06	0.1	0.03	4.5	0.1	<0.05	6	0.5
JPR 88948	Soil	14	48	0.56	147	0.044	2	1.94	0.010	0.10	<0.1	0.02	3.2	0.1	<0.05	7	<0.5

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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
JPR 88949	Soil	1.1	34.6	10.8	61	<0.1	27.5	13.9	514	3.09	12.5	1.3	4.2	4.6	19	0.1	0.6	0.2	69	0.18	0.055
JPR 88950	Soil	1.1	45.0	11.6	63	0.1	35.5	13.0	611	3.20	12.8	1.0	2.7	4.1	20	0.1	0.7	0.2	73	0.18	0.034

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		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
JPR 88949	Soil	18	42	0.60	261	0.081	<1	2.02	0.016	0.09	0.1	0.04	5.6	0.1	<0.05	6	0.9
JPR 88950	Soil	18	45	0.61	338	0.088	<1	2.14	0.013	0.09	0.2	0.03	5.5	0.1	<0.05	6	0.6

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QUALITY CONTROL REPORT VAN09005531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	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																					
JPR 79725	Soil	0.6	19.2	7.0	54	<0.1	15.3	11.2	295	2.54	4.6	0.8	4.2	2.5	30	<0.1	0.3	0.1	55	0.43	0.084
REP JPR 79725	QC	0.5	19.3	7.4	54	0.1	15.9	11.6	293	2.57	4.7	0.8	2.3	2.5	32	0.1	0.3	0.1	55	0.42	0.088
JPR 79842	Soil	1.5	38.3	12.9	65	<0.1	32.6	11.7	672	3.13	7.8	0.8	<0.5	2.1	10	0.3	0.4	0.3	63	0.09	0.093
REP JPR 79842	QC	1.5	37.4	12.9	63	<0.1	32.9	11.8	659	3.10	7.7	0.8	<0.5	2.1	9	0.3	0.3	0.2	61	0.09	0.094
JPR 80998	Soil	2.1	88.7	12.9	112	0.2	69.7	18.9	1017	4.76	19.8	1.5	4.0	5.8	26	0.1	0.6	0.1	111	0.20	0.068
REP JPR 80998	QC	2.0	92.6	12.5	115	0.2	72.1	18.4	978	4.79	20.4	1.4	2.3	5.8	26	0.2	0.6	0.1	110	0.20	0.070
JPR 82058	Soil	2.0	40.9	7.9	62	<0.1	25.1	15.7	493	3.49	6.8	0.6	1.6	2.3	52	<0.1	0.4	0.1	81	0.46	0.066
REP JPR 82058	QC	2.2	40.2	7.6	61	<0.1	26.0	16.1	482	3.45	6.9	0.7	1.5	2.2	50	<0.1	0.4	0.1	80	0.45	0.066
JPR 82355	Soil	0.3	27.3	2.7	44	<0.1	16.1	11.8	306	2.59	2.6	0.4	2.5	2.1	21	<0.1	0.2	<0.1	60	0.53	0.069
REP JPR 82355	QC	0.4	27.3	2.7	41	<0.1	16.0	11.4	290	2.47	2.4	0.4	<0.5	1.9	21	<0.1	0.2	<0.1	58	0.49	0.067
JPR 82487	Soil	0.5	15.8	4.6	97	<0.1	4.3	7.3	486	3.80	2.2	0.7	0.5	3.3	9	<0.1	0.2	<0.1	30	0.15	0.032
REP JPR 82487	QC	0.6	15.8	4.6	96	<0.1	4.6	7.7	505	3.89	2.4	0.7	1.4	3.3	10	<0.1	0.2	0.1	31	0.16	0.034
JPR 86101	Soil	0.2	11.6	4.1	54	<0.1	6.3	13.9	579	3.68	1.3	1.1	<0.5	9.2	16	<0.1	<0.1	<0.1	91	0.27	0.076
REP JPR 86101	QC	0.2	11.3	4.0	54	<0.1	6.0	13.8	575	3.61	1.3	1.0	<0.5	8.8	16	<0.1	<0.1	<0.1	90	0.26	0.071
JPR 86233	Soil	1.1	47.0	10.5	98	<0.1	56.0	16.8	477	3.36	33.1	1.1	<0.5	2.1	7	0.2	0.2	2.8	107	0.18	0.083
REP JPR 86233	QC	1.1	48.2	10.7	98	<0.1	56.6	17.1	492	3.38	34.0	1.2	0.6	2.1	7	0.2	0.3	2.9	108	0.19	0.081
JPR 86687	Soil	1.7	40.3	14.4	187	0.3	14.1	16.1	1151	3.78	3.8	1.9	4.4	8.6	23	0.9	0.2	0.3	79	0.45	0.078
REP JPR 86687	QC	1.8	40.2	14.0	188	0.3	13.8	16.6	1193	3.92	4.0	1.8	3.7	8.4	24	0.9	0.2	0.3	79	0.47	0.079
JPR 87110	Soil	1.6	19.9	9.5	56	0.1	19.4	7.3	372	3.17	7.8	0.4	0.8	2.7	12	0.2	0.5	0.2	95	0.13	0.059
REP JPR 87110	QC	1.6	19.7	9.7	54	0.1	19.3	7.4	366	3.08	7.8	0.4	3.4	2.5	12	0.2	0.5	0.2	94	0.13	0.055
JPR 87225	Soil	2.4	30.8	8.1	189	0.3	45.2	14.3	1157	4.00	11.6	1.5	2.9	5.8	31	2.2	0.2	0.2	70	0.56	0.085
REP JPR 87225	QC	2.5	31.3	8.3	195	0.3	45.6	14.8	1190	4.08	11.5	1.5	4.1	5.9	32	1.9	0.2	0.2	69	0.56	0.087
JPR 88099	Soil	0.6	23.4	12.4	45	<0.1	17.2	7.9	462	1.92	7.6	2.6	1.8	3.6	83	0.1	0.5	0.2	38	0.78	0.054
REP JPR 88099	QC	0.7	22.8	11.9	44	<0.1	17.0	7.9	458	1.86	7.4	2.6	2.5	3.6	84	0.1	0.5	0.2	37	0.76	0.053
JPR 88110	Soil	0.5	35.9	8.7	186	0.5	66.5	16.1	916	2.84	6.4	1.2	2.6	3.0	32	11.6	1.1	0.1	76	0.92	0.110
REP JPR 88110	QC	0.5	35.5	8.8	188	0.5	66.8	17.1	936	2.89	6.7	1.2	2.6	2.9	33	11.2	1.1	0.1	79	0.94	0.106
JPR 88224	Soil	0.5	26.5	9.6	73	0.1	27.7	14.5	869	2.83	5.9	1.8	2.2	3.1	118	0.2	0.4	0.2	54	1.34	0.087
REP JPR 88224	QC	0.6	26.5	9.2	70	0.1	27.8	14.6	856	2.86	5.8	1.7	0.8	3.5	121	0.2	0.3	0.2	56	1.36	0.082

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Project: JPR
Report Date: December 03, 2009

QUALITY CONTROL REPORT VAN09005531.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	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																	
JPR 79725	Soil	10	28	0.56	199	0.051	<1	1.67	0.015	0.04	0.1	0.03	4.2	<0.1	<0.05	5	<0.5
REP JPR 79725	QC	11	29	0.60	208	0.050	1	1.70	0.016	0.04	0.1	0.03	4.2	<0.1	<0.05	5	<0.5
JPR 79842	Soil	15	33	0.49	210	0.079	1	1.46	0.007	0.23	0.1	0.01	2.7	0.2	<0.05	7	<0.5
REP JPR 79842	QC	15	32	0.48	213	0.078	1	1.46	0.010	0.23	0.1	<0.01	2.6	0.1	<0.05	7	<0.5
JPR 80998	Soil	21	95	1.07	421	0.160	2	2.44	0.011	0.41	<0.1	0.01	5.9	0.3	<0.05	8	0.9
REP JPR 80998	QC	22	97	1.11	429	0.160	2	2.59	0.011	0.43	<0.1	0.02	6.3	0.3	<0.05	8	1.5
JPR 82058	Soil	12	36	0.72	240	0.087	1	2.20	0.018	0.11	0.1	0.02	4.5	<0.1	<0.05	7	<0.5
REP JPR 82058	QC	12	37	0.72	245	0.085	<1	2.17	0.018	0.12	<0.1	0.02	4.3	0.1	<0.05	7	<0.5
JPR 82355	Soil	8	31	0.76	188	0.105	<1	1.52	0.028	0.13	<0.1	0.01	4.0	<0.1	<0.05	5	<0.5
REP JPR 82355	QC	8	29	0.74	181	0.095	<1	1.46	0.025	0.13	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5
JPR 82487	Soil	7	9	1.12	298	0.227	<1	2.26	0.012	1.07	0.1	<0.01	7.2	0.4	<0.05	9	<0.5
REP JPR 82487	QC	7	10	1.13	307	0.234	<1	2.34	0.011	1.12	0.1	<0.01	7.5	0.4	<0.05	9	<0.5
JPR 86101	Soil	12	9	1.01	246	0.211	<1	2.66	0.013	0.89	0.2	<0.01	5.2	0.4	<0.05	9	<0.5
REP JPR 86101	QC	12	9	0.96	232	0.206	<1	2.52	0.012	0.87	<0.1	<0.01	5.3	0.4	<0.05	9	<0.5
JPR 86233	Soil	6	102	1.19	330	0.160	<1	2.59	0.017	0.34	<0.1	<0.01	4.7	0.2	<0.05	9	0.8
REP JPR 86233	QC	6	103	1.19	338	0.161	<1	2.57	0.016	0.34	<0.1	<0.01	4.8	0.2	<0.05	9	0.8
JPR 86687	Soil	26	21	1.20	301	0.135	<1	2.14	0.010	0.60	0.1	0.05	5.5	0.3	<0.05	6	0.7
REP JPR 86687	QC	27	22	1.24	297	0.147	<1	2.19	0.011	0.61	0.2	0.04	5.8	0.3	<0.05	7	0.5
JPR 87110	Soil	11	39	0.48	255	0.091	<1	1.83	0.010	0.08	0.2	0.02	2.6	0.1	<0.05	8	<0.5
REP JPR 87110	QC	10	38	0.47	248	0.089	<1	1.81	0.007	0.08	0.2	0.01	2.6	0.1	<0.05	8	<0.5
JPR 87225	Soil	21	21	1.14	300	0.032	<1	2.45	0.011	0.49	<0.1	0.09	7.0	0.2	<0.05	7	<0.5
REP JPR 87225	QC	21	20	1.13	303	0.031	<1	2.36	0.009	0.48	<0.1	0.09	7.0	0.2	<0.05	8	<0.5
JPR 88099	Soil	16	22	0.37	559	0.035	3	1.45	0.017	0.06	<0.1	0.03	3.3	0.1	<0.05	4	0.6
REP JPR 88099	QC	15	22	0.36	554	0.034	2	1.42	0.016	0.06	<0.1	0.03	3.3	0.1	<0.05	4	<0.5
JPR 88110	Soil	18	50	1.43	344	0.049	4	2.16	0.017	0.15	0.1	0.07	5.4	0.3	<0.05	5	0.9
REP JPR 88110	QC	18	49	1.49	346	0.051	4	2.19	0.018	0.15	<0.1	0.07	5.4	0.3	<0.05	6	1.0
JPR 88224	Soil	30	36	0.57	251	0.073	2	2.15	0.016	0.05	0.2	0.03	3.9	0.1	0.07	5	<0.5
REP JPR 88224	QC	29	34	0.54	248	0.062	<1	1.99	0.015	0.05	0.1	0.03	3.6	0.2	0.06	5	<0.5

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1500 - 409 Granville Street
Vancouver BC V6C 1T2 Canada

Project: JPR
Report Date: December 03, 2009

QUALITY CONTROL REPORT VAN09005531.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
JPR 88633	Soil	0.4	41.8	4.7	42	<0.1	37.9	13.6	268	2.98	4.3	1.1	1.3	7.9	66	<0.1	0.3	<0.1	45	0.62	0.068
REP JPR 88633	QC	0.4	42.0	4.9	44	<0.1	39.9	14.4	272	3.06	4.4	1.2	2.9	7.9	65	<0.1	0.3	0.1	46	0.61	0.066
JPR 88790	Soil	0.7	23.3	7.3	50	<0.1	21.2	8.5	259	2.68	9.8	1.0	3.0	6.6	22	0.1	0.6	0.1	54	0.24	0.034
REP JPR 88790	QC	0.7	22.7	7.8	50	<0.1	21.2	8.8	256	2.64	9.5	1.1	2.3	6.4	23	<0.1	0.6	0.1	56	0.24	0.034
JPR 88944	Soil	1.2	56.3	10.2	68	<0.1	36.1	15.8	654	3.92	13.5	0.5	2.6	3.0	11	0.1	0.5	0.2	97	0.11	0.050
REP JPR 88944	QC	1.3	54.8	9.5	67	<0.1	37.0	16.0	668	3.94	13.1	0.5	1.2	2.9	10	0.2	0.6	0.2	97	0.11	0.046
Reference Materials																					
STD DS7	Standard	19.5	110.9	69.3	411	0.8	56.5	9.2	586	2.25	51.0	4.6	57.2	4.3	70	6.5	6.0	4.7	81	0.93	0.082
STD DS7	Standard	21.1	115.8	69.7	406	0.8	58.2	9.3	603	2.40	51.8	5.2	83.8	4.7	72	6.5	6.1	4.7	82	0.95	0.076
STD DS7	Standard	21.4	114.6	75.9	410	0.8	57.0	9.9	597	2.37	52.1	5.3	95.5	4.8	70	6.6	5.8	4.8	85	0.94	0.081
STD DS7	Standard	19.4	105.0	71.5	392	0.8	51.9	8.5	575	2.25	49.4	5.1	72.4	4.7	71	5.9	5.7	4.6	79	0.91	0.079
STD DS7	Standard	22.1	111.9	71.7	405	0.9	56.6	9.2	623	2.36	51.6	5.1	67.5	4.6	78	6.2	6.3	4.9	84	1.00	0.078
STD DS7	Standard	19.1	103.4	69.4	383	0.8	53.8	8.4	569	2.19	49.0	4.9	67.4	4.4	68	6.0	5.7	4.5	78	0.88	0.075
STD DS7	Standard	19.4	109.0	69.2	384	0.8	54.6	8.9	570	2.18	52.3	5.0	64.0	4.5	69	6.6	6.4	4.8	81	0.97	0.082
STD DS7	Standard	19.7	107.2	65.8	377	0.8	53.6	8.3	567	2.12	51.2	4.9	61.1	4.7	72	6.2	6.0	4.5	78	0.92	0.074
STD DS7	Standard	20.8	106.4	71.9	378	0.8	52.9	8.9	575	2.20	49.0	5.1	74.7	4.6	73	6.1	5.5	4.7	80	0.94	0.077
STD DS7	Standard	20.2	105.8	68.6	397	0.8	52.0	8.6	584	2.24	48.2	4.9	62.8	4.6	71	6.1	5.9	4.6	78	0.97	0.073
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
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	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5
JPR 88633	Soil	21	37	0.80	233	0.052	<1	1.81	0.011	0.03	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5
REP JPR 88633	QC	22	38	0.79	233	0.053	<1	1.77	0.010	0.03	<0.1	0.02	3.9	<0.1	<0.05	5	<0.5
JPR 88790	Soil	23	32	0.49	222	0.083	<1	1.45	0.010	0.07	0.1	0.04	4.7	<0.1	<0.05	4	0.7
REP JPR 88790	QC	22	32	0.51	221	0.083	1	1.52	0.010	0.07	0.1	0.04	5.1	<0.1	<0.05	4	<0.5
JPR 88944	Soil	12	56	0.74	173	0.135	1	2.31	0.008	0.14	0.1	0.01	4.2	0.1	<0.05	10	<0.5
REP JPR 88944	QC	12	58	0.72	171	0.134	2	2.34	0.008	0.14	0.1	<0.01	4.2	0.1	<0.05	9	<0.5
Reference Materials																	
STD DS7	Standard	13	181	1.01	392	0.120	37	0.96	0.093	0.41	4.1	0.18	2.3	4.0	0.28	4	3.6
STD DS7	Standard	13	193	0.96	385	0.120	50	0.97	0.095	0.40	4.2	0.20	2.4	4.6	0.19	5	4.0
STD DS7	Standard	13	196	0.95	384	0.120	39	0.94	0.091	0.39	4.0	0.19	2.3	4.4	0.21	5	3.6
STD DS7	Standard	12	182	0.95	365	0.117	38	0.92	0.085	0.40	4.0	0.18	2.2	4.3	0.21	4	3.2
STD DS7	Standard	14	201	0.98	388	0.140	40	1.03	0.095	0.41	3.8	0.19	2.6	4.2	0.23	4	3.4
STD DS7	Standard	12	179	0.91	353	0.111	40	0.86	0.088	0.38	3.8	0.19	2.1	4.2	0.16	4	3.6
STD DS7	Standard	12	189	1.00	393	0.122	39	0.93	0.089	0.39	3.7	0.18	2.2	4.1	0.17	4	3.1
STD DS7	Standard	13	181	0.92	376	0.119	36	0.94	0.089	0.37	3.5	0.17	2.3	4.0	0.18	4	3.5
STD DS7	Standard	13	186	0.94	367	0.124	37	0.93	0.088	0.39	4.0	0.18	2.3	4.4	0.20	5	3.8
STD DS7	Standard	12	189	0.92	370	0.117	34	0.90	0.085	0.38	4.0	0.19	2.3	4.0	0.16	4	3.6
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
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

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