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

Client: **Selene Holdings LP**
885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8 Canada

Submitted By: Jean-Pierre Londero
Receiving Lab: Canada-Whitehorse
Received: October 08, 2011
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

CLIENT JOB INFORMATION

Project: JPR
Shipment ID: JPR2011-08
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT-SOIL Store Soil Reject - RJSV Charges Apply

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	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
RJSV	320	Saving all or part of Soil Reject			WHI
1DX2	319	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Selene Holdings LP
885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8
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. Results apply to samples as submitted.
"*" 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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1139847	Soil	0.5	24.8	7.9	47	0.1	21.9	8.5	406	2.13	8.2	3.7	1.5	52	0.3	0.5	0.2	43	2.14	0.045	11
1139848	Soil	0.4	22.7	7.5	48	0.1	21.2	7.8	301	2.08	6.9	4.3	1.4	48	0.2	0.5	0.2	44	1.69	0.048	10
1139849	Soil	0.5	22.6	7.0	44	0.1	20.1	8.0	415	1.99	6.0	6.3	1.4	60	0.4	0.5	0.1	38	2.76	0.049	11
1139850	Soil	0.5	23.2	6.7	47	<0.1	20.0	8.0	391	2.01	6.8	5.5	1.0	54	0.3	0.6	0.2	39	2.11	0.053	10
1139951	Soil	0.5	20.8	7.1	47	<0.1	19.7	8.0	390	2.02	6.0	5.1	1.2	65	0.4	0.5	0.1	39	3.09	0.051	10
1139952	Soil	0.4	20.5	6.3	51	0.1	17.8	7.1	372	1.84	5.2	3.3	1.0	58	0.3	0.6	0.1	35	2.46	0.052	9
1139953	Soil	0.4	19.6	7.7	47	<0.1	17.3	7.2	369	1.84	5.2	4.9	1.1	64	0.4	0.5	0.1	35	3.10	0.052	10
1139954	Soil	0.5	18.0	6.5	44	<0.1	17.3	7.1	350	1.79	5.2	4.5	1.0	60	0.4	0.5	0.1	36	2.75	0.051	9
1139955	Soil	0.3	20.5	7.2	47	<0.1	17.4	7.0	246	1.81	4.8	3.9	1.0	53	0.3	0.5	0.1	37	2.27	0.051	9
1139956	Soil	0.4	21.0	6.9	53	0.1	18.7	7.7	387	1.91	5.7	4.5	1.0	50	0.5	0.5	0.1	37	2.12	0.056	10
1139957	Soil	0.3	21.6	7.8	53	0.1	18.0	7.0	316	1.75	4.3	3.6	0.8	66	0.4	0.6	0.1	36	3.27	0.061	9
1139836	Soil	0.7	17.3	9.9	54	<0.1	24.3	9.7	487	2.65	6.2	3.1	2.9	28	0.4	0.5	0.2	61	1.17	0.028	14
1139835	Soil	0.7	37.8	11.2	73	0.1	31.0	12.0	581	3.02	10.5	4.7	4.0	33	0.2	0.6	0.2	64	0.68	0.032	18
1139837	Soil	0.6	24.8	10.5	69	0.1	27.5	12.7	1490	2.92	6.4	3.1	1.9	39	1.2	0.5	0.2	62	1.35	0.040	16
1139838	Soil	0.6	23.3	8.4	45	0.1	22.1	9.0	590	2.32	6.7	2.7	1.1	57	0.6	0.5	0.2	46	2.54	0.059	12
1139839	Soil	0.7	30.9	10.5	58	0.1	27.2	10.5	484	2.66	10.2	6.6	3.0	42	0.2	0.6	0.2	58	1.42	0.043	15
1139840	Soil	0.6	22.7	9.8	58	0.1	25.0	10.2	475	2.65	9.1	3.7	1.9	43	0.3	0.5	0.2	55	1.56	0.046	14
1139841	Soil	0.6	30.4	9.9	55	0.2	26.9	10.7	513	2.71	10.2	5.3	2.0	56	0.2	0.6	0.2	55	2.11	0.051	15
1139842	Soil	0.5	21.2	9.1	49	0.1	23.0	9.5	407	2.44	7.7	3.9	1.9	55	0.4	0.5	0.2	49	2.36	0.046	13
1139843	Soil	0.6	22.1	9.4	57	<0.1	23.9	9.7	414	2.68	7.7	1.8	2.6	49	0.5	0.6	0.2	57	1.84	0.033	13
1139844	Soil	0.5	21.6	7.9	49	0.2	20.3	8.7	488	2.20	6.7	2.1	1.2	64	0.6	0.4	0.1	43	2.76	0.046	10
1139845	Soil	0.7	22.3	8.7	50	<0.1	24.0	9.0	413	2.42	7.2	3.6	1.4	57	0.5	0.6	0.2	48	2.47	0.045	12
1139846	Soil	0.7	27.4	9.0	52	0.1	25.5	9.8	548	2.55	9.1	3.6	1.6	63	0.3	0.6	0.2	49	2.72	0.056	14
1139970	Soil	0.9	19.3	8.0	73	0.2	11.8	12.5	484	3.78	4.6	2.3	16.1	17	<0.1	0.3	<0.1	42	0.27	0.058	26
1139969	Soil	0.6	20.6	179.2	284	0.4	6.2	11.0	1116	3.24	2.4	3.5	10.9	18	0.4	0.2	0.5	35	0.26	0.043	29
1139971	Soil	0.8	29.6	12.9	71	<0.1	13.7	11.1	517	3.71	6.7	5.8	16.9	17	<0.1	0.4	0.2	47	0.27	0.041	45
1139972	Soil	2.0	14.5	22.8	38	0.1	12.6	5.8	175	2.73	15.4	1.2	10.4	29	<0.1	0.3	0.3	33	0.18	0.023	22
1139965	Soil	0.9	24.8	9.5	120	0.1	8.6	13.0	690	5.99	4.7	3.3	21.2	24	<0.1	0.2	0.1	103	0.75	0.184	78
1139963	Soil	3.0	24.7	23.7	74	0.3	15.3	6.7	242	3.03	13.7	5.2	11.3	30	<0.1	0.7	0.2	36	0.18	0.028	37
1139964	Soil	1.3	11.9	8.6	48	<0.1	9.4	6.5	242	2.32	5.0	2.7	19.5	15	<0.1	0.4	0.1	33	0.17	0.038	31

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Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1139847	Soil	24	0.47	237	0.043	3	1.31	0.021	0.04	0.2	0.06	2.8	<0.1	<0.05	4	0.7	<0.2
1139848	Soil	23	0.50	226	0.047	3	1.26	0.024	0.04	0.1	0.04	2.5	<0.1	<0.05	4	1.2	<0.2
1139849	Soil	21	0.58	225	0.038	4	1.04	0.019	0.04	0.2	0.04	2.4	<0.1	<0.05	3	<0.5	<0.2
1139850	Soil	21	0.49	237	0.042	3	1.16	0.022	0.04	0.2	0.04	2.2	<0.1	0.08	4	0.9	<0.2
1139951	Soil	21	0.64	220	0.042	3	1.11	0.021	0.04	0.2	0.05	2.1	<0.1	0.06	3	0.7	<0.2
1139952	Soil	19	0.54	226	0.040	3	1.03	0.020	0.04	0.2	0.05	2.2	<0.1	<0.05	3	<0.5	<0.2
1139953	Soil	20	0.63	214	0.040	3	1.00	0.019	0.03	0.2	0.04	2.2	<0.1	0.06	3	0.7	<0.2
1139954	Soil	20	0.53	186	0.044	3	1.03	0.020	0.04	0.2	0.05	2.1	<0.1	<0.05	3	0.8	<0.2
1139955	Soil	21	0.48	211	0.042	2	1.06	0.020	0.04	0.1	0.04	2.0	<0.1	<0.05	3	1.2	<0.2
1139956	Soil	21	0.46	211	0.041	3	1.10	0.021	0.04	0.1	0.03	2.1	<0.1	<0.05	3	0.7	<0.2
1139957	Soil	21	0.55	224	0.036	3	1.07	0.018	0.04	0.1	0.05	1.9	<0.1	0.07	3	0.9	<0.2
1139836	Soil	32	0.54	196	0.057	2	1.89	0.020	0.04	0.2	0.04	4.1	<0.1	<0.05	6	0.9	<0.2
1139835	Soil	34	0.67	419	0.064	1	1.93	0.030	0.04	0.1	0.05	5.2	<0.1	<0.05	6	<0.5	<0.2
1139837	Soil	32	0.52	254	0.059	3	2.01	0.028	0.04	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1139838	Soil	26	0.51	210	0.042	2	1.48	0.023	0.04	0.2	0.05	3.0	<0.1	<0.05	5	1.3	<0.2
1139839	Soil	30	0.60	287	0.062	2	1.63	0.027	0.05	0.2	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
1139840	Soil	30	0.60	235	0.054	2	1.69	0.025	0.05	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1139841	Soil	30	0.64	277	0.052	2	1.68	0.026	0.05	0.2	0.06	3.8	<0.1	<0.05	5	<0.5	<0.2
1139842	Soil	26	0.55	241	0.043	2	1.52	0.022	0.04	0.1	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
1139843	Soil	29	0.54	226	0.056	2	1.75	0.022	0.04	0.1	0.05	4.0	<0.1	<0.05	6	0.5	<0.2
1139844	Soil	24	0.51	244	0.044	3	1.35	0.023	0.05	0.1	0.05	2.7	<0.1	0.05	4	1.1	<0.2
1139845	Soil	26	0.51	227	0.047	3	1.52	0.024	0.06	0.2	0.04	3.1	<0.1	0.05	5	0.7	<0.2
1139846	Soil	27	0.57	272	0.051	3	1.44	0.024	0.05	0.2	0.05	3.1	<0.1	<0.05	5	0.7	<0.2
1139970	Soil	15	0.76	176	0.153	<1	2.32	0.009	0.77	0.1	0.01	5.0	0.5	<0.05	8	<0.5	<0.2
1139969	Soil	9	0.80	153	0.140	<1	2.07	0.007	0.67	<0.1	0.02	3.3	0.8	<0.05	6	0.7	<0.2
1139971	Soil	16	0.76	204	0.150	<1	2.00	0.012	0.68	<0.1	0.03	5.2	0.5	<0.05	8	0.8	<0.2
1139972	Soil	19	0.30	183	0.035	<1	1.12	0.034	0.11	<0.1	<0.01	2.2	<0.1	0.07	4	<0.5	<0.2
1139965	Soil	11	2.06	197	0.202	<1	3.33	0.008	2.15	<0.1	<0.01	6.0	1.2	<0.05	9	<0.5	<0.2
1139963	Soil	23	0.49	127	0.012	<1	1.43	0.021	0.10	<0.1	0.02	3.2	0.1	<0.05	4	<0.5	<0.2
1139964	Soil	17	0.38	122	0.024	<1	1.62	0.006	0.11	<0.1	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1139962	Soil	1.6	16.0	67.8	110	0.3	9.7	8.1	452	2.75	5.4	2.3	4.9	13	0.3	0.4	0.3	47	0.14	0.016	10
1139961	Soil	0.6	17.4	57.0	47	0.1	11.7	7.5	295	2.27	6.8	4.1	11.9	23	<0.1	0.3	0.3	34	0.36	0.047	28
1139960	Soil	1.0	13.9	62.9	63	0.3	8.1	9.0	351	2.63	5.2	3.4	11.6	16	<0.1	0.3	0.5	30	0.34	0.034	20
1139959	Soil	1.0	25.4	36.2	80	0.3	11.2	9.9	634	2.98	5.8	4.0	11.9	23	0.2	0.4	0.2	36	0.61	0.044	32
1139958	Soil	0.7	25.1	37.4	58	0.2	20.7	9.4	532	2.35	11.0	3.0	3.0	42	0.4	0.5	0.4	45	1.87	0.051	19
1139966	Soil	0.5	18.4	24.6	62	0.2	15.3	8.4	276	2.80	5.7	2.3	3.3	16	<0.1	0.4	0.3	49	0.28	0.021	11
1139979	Soil	1.5	27.4	10.6	71	0.1	20.8	12.8	371	3.03	6.9	3.4	4.3	49	0.3	0.5	0.2	58	0.97	0.059	16
1139968	Soil	0.5	24.1	112.1	385	0.6	9.8	8.7	744	2.39	2.1	1.5	1.5	13	1.0	0.2	1.1	39	0.16	0.031	5
1139967	Soil	1.2	24.7	47.0	89	0.1	8.0	9.5	563	4.35	3.8	<0.5	5.0	15	0.3	0.3	0.5	55	0.19	0.059	11
1139978	Soil	1.0	27.7	6.7	89	<0.1	16.1	12.9	624	4.19	5.3	2.8	3.7	46	0.1	0.3	<0.1	87	0.51	0.086	15
1139977	Soil	1.2	24.7	14.2	55	0.1	14.6	6.8	286	2.18	4.4	4.7	20.1	13	<0.1	0.3	0.1	27	0.26	0.042	41
1139976	Soil	1.1	20.9	16.3	67	0.3	13.8	8.1	641	2.32	7.1	2.1	21.2	18	0.1	0.2	0.1	28	0.29	0.039	32
1139974	Soil	1.2	25.7	13.5	47	0.1	19.6	9.0	302	2.57	7.4	3.0	18.5	21	<0.1	0.4	0.2	45	0.28	0.037	42
1139973	Soil	1.1	24.1	8.4	79	0.1	19.4	16.4	454	3.83	6.8	<0.5	3.4	15	<0.1	0.3	0.1	83	0.29	0.052	8
1139975	Soil	1.3	21.9	17.3	68	0.2	13.8	8.3	662	2.37	8.7	2.8	21.2	19	<0.1	0.2	0.1	29	0.29	0.038	35
1106730	Soil	1.2	11.0	7.5	84	<0.1	10.1	13.8	643	3.61	4.6	32.0	9.4	20	0.1	0.2	0.3	73	0.26	0.044	23
1106729	Soil	1.2	11.2	8.5	83	<0.1	10.4	14.4	670	3.69	3.8	58.0	9.7	20	0.1	0.2	0.3	75	0.27	0.043	24
1106720	Soil	3.2	34.8	11.0	82	0.3	12.6	10.1	517	3.28	4.2	2.1	6.6	17	0.1	0.2	0.9	71	0.21	0.041	22
1106728	Soil	1.9	9.6	9.9	51	0.2	8.7	9.1	466	2.81	4.0	1.8	4.3	13	0.2	0.2	0.1	61	0.14	0.079	8
1106727	Soil	2.1	10.4	9.2	83	0.1	10.4	14.7	724	3.78	3.5	5.8	7.4	17	<0.1	0.2	0.2	75	0.25	0.038	17
1106719	Soil	1.5	23.7	9.3	95	0.1	10.6	12.7	742	3.52	2.8	2.1	9.3	13	<0.1	0.2	0.4	71	0.20	0.063	26
1106721	Soil	3.4	21.7	13.8	75	0.2	12.6	13.1	674	3.25	3.9	2.0	6.9	16	0.2	0.2	0.5	74	0.22	0.049	23
1106726	Soil	3.5	9.1	11.9	99	0.5	7.7	17.3	981	3.68	3.1	2.8	10.8	16	<0.1	0.1	0.2	62	0.24	0.055	25
1106725	Soil	2.2	9.1	12.0	75	<0.1	11.0	11.7	497	3.23	5.1	1.6	7.5	17	0.2	0.2	0.1	62	0.21	0.044	16
1106723	Soil	3.4	12.8	14.0	79	0.2	11.1	14.0	764	3.46	4.4	2.1	6.8	20	0.2	0.2	0.2	74	0.23	0.048	25
1106722	Soil	2.1	18.0	13.4	76	0.2	13.1	11.3	577	3.29	4.4	2.6	6.0	16	0.1	0.2	0.2	75	0.19	0.047	18
1106724	Soil	3.0	9.1	24.7	122	<0.1	8.3	16.1	817	3.83	1.2	1.0	14.1	16	0.2	<0.1	0.1	73	0.28	0.079	33
1106739	Soil	1.7	19.5	7.4	58	0.1	17.7	9.5	437	2.15	4.4	2.9	3.6	42	0.1	0.3	0.1	45	0.60	0.079	14
1106740	Soil	0.7	21.9	9.0	64	0.2	20.0	9.0	249	2.28	3.9	4.0	3.2	35	0.3	0.4	0.1	53	0.44	0.063	16
1106731	Soil	1.5	11.1	12.9	72	0.2	10.8	16.4	916	3.46	4.6	5.9	7.3	19	0.1	0.2	0.3	79	0.22	0.044	19

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Vancouver BC V6C 3E8 Canada

Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1139962	Soil	17	0.51	140	0.102	<1	1.54	0.009	0.34	<0.1	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1139961	Soil	19	0.41	167	0.046	<1	1.44	0.013	0.12	<0.1	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1139960	Soil	12	0.59	142	0.095	<1	1.77	0.010	0.31	<0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1139959	Soil	16	0.60	161	0.049	1	1.69	0.013	0.15	<0.1	0.03	3.8	0.1	<0.05	5	0.5	<0.2
1139958	Soil	24	0.54	192	0.050	2	1.51	0.019	0.06	0.1	0.03	2.7	<0.1	<0.05	4	0.9	<0.2
1139966	Soil	17	0.89	160	0.040	<1	2.23	0.009	0.04	<0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1139979	Soil	26	0.78	380	0.076	2	1.79	0.021	0.16	0.2	0.04	3.7	0.1	0.07	5	0.9	<0.2
1139968	Soil	14	0.60	218	0.067	1	1.60	0.006	0.24	<0.1	0.01	1.3	0.3	<0.05	5	<0.5	<0.2
1139967	Soil	16	0.78	190	0.116	<1	2.46	0.009	0.64	0.2	0.01	5.6	0.6	<0.05	9	<0.5	<0.2
1139978	Soil	20	1.03	642	0.110	<1	2.32	0.021	0.40	<0.1	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1139977	Soil	16	0.47	137	0.045	1	1.28	0.008	0.28	0.1	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1139976	Soil	17	0.51	202	0.052	<1	1.47	0.009	0.34	0.1	0.02	3.0	0.3	<0.05	5	<0.5	<0.2
1139974	Soil	26	0.45	203	0.046	<1	1.66	0.006	0.20	0.2	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1139973	Soil	26	1.32	242	0.121	<1	2.29	0.010	0.79	<0.1	<0.01	5.3	0.3	<0.05	8	<0.5	<0.2
1139975	Soil	17	0.53	206	0.059	<1	1.58	0.008	0.34	0.1	0.02	3.0	0.4	<0.05	5	<0.5	<0.2
1106730	Soil	19	1.08	155	0.156	<1	2.15	0.011	0.70	0.2	0.01	2.6	0.3	<0.05	7	<0.5	<0.2
1106729	Soil	20	1.11	161	0.156	<1	2.19	0.013	0.74	0.2	0.02	2.7	0.3	<0.05	7	<0.5	<0.2
1106720	Soil	23	0.85	182	0.126	<1	1.95	0.010	0.37	0.2	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1106728	Soil	17	0.53	120	0.122	<1	1.52	0.009	0.31	0.2	0.03	1.6	0.2	<0.05	7	0.6	<0.2
1106727	Soil	20	1.11	133	0.163	<1	2.17	0.011	0.58	0.1	0.02	2.4	0.2	<0.05	8	<0.5	<0.2
1106719	Soil	20	0.95	132	0.128	<1	2.05	0.009	0.59	0.2	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1106721	Soil	23	0.91	142	0.140	<1	1.94	0.013	0.41	0.2	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1106726	Soil	16	1.08	119	0.120	<1	2.22	0.008	0.84	0.1	0.01	2.2	0.3	<0.05	7	<0.5	<0.2
1106725	Soil	22	0.78	127	0.108	<1	2.06	0.010	0.30	<0.1	0.02	2.0	0.2	<0.05	6	<0.5	<0.2
1106723	Soil	20	0.86	162	0.144	1	2.05	0.010	0.44	0.1	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1106722	Soil	25	0.84	131	0.129	<1	2.03	0.010	0.28	0.1	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1106724	Soil	18	1.30	120	0.182	<1	2.36	0.009	1.03	<0.1	0.01	1.7	0.4	<0.05	8	<0.5	<0.2
1106739	Soil	24	0.53	218	0.064	<1	1.08	0.016	0.12	0.2	0.03	2.6	<0.1	<0.05	3	0.5	<0.2
1106740	Soil	29	0.49	278	0.060	1	1.29	0.018	0.07	0.2	0.04	3.2	<0.1	<0.05	4	0.7	<0.2
1106731	Soil	21	0.88	137	0.143	<1	2.00	0.010	0.47	0.1	0.01	2.6	0.2	<0.05	8	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1106735	Soil	0.8	31.4	7.2	62	<0.1	28.4	11.0	445	2.52	7.0	5.6	3.3	61	0.2	0.6	0.1	54	2.18	0.074	12
1106733	Soil	0.9	34.6	8.0	63	0.2	27.4	11.2	477	2.62	8.4	5.5	3.9	45	0.3	0.6	0.1	57	1.10	0.069	13
1106734	Soil	1.0	23.6	8.0	66	0.1	22.3	10.6	481	2.43	7.6	6.3	3.6	34	0.2	0.5	0.1	52	0.61	0.069	13
1106738	Soil	2.4	50.3	10.1	59	0.2	18.8	11.2	776	2.60	5.4	2.0	4.3	49	0.2	0.4	0.2	59	0.85	0.070	18
1106736	Soil	0.8	29.1	7.4	65	<0.1	25.7	10.1	383	2.36	7.6	4.7	3.4	31	0.3	0.5	0.1	50	0.61	0.080	12
1106732	Soil	0.9	19.3	7.1	65	0.1	20.0	9.2	338	2.27	6.9	2.6	3.2	31	0.2	0.5	0.1	50	0.55	0.066	13
1106737	Soil	1.2	11.6	7.4	52	0.1	14.7	7.9	283	2.91	9.5	2.0	1.3	40	0.2	0.3	0.1	52	0.60	0.083	10
1111612	Soil	2.9	14.5	9.7	69	0.2	14.6	10.7	362	2.97	17.4	5.4	4.3	19	0.2	0.5	0.2	65	0.28	0.053	12
1111603	Soil	3.5	32.8	12.4	93	0.2	18.2	8.8	339	2.99	13.7	13.8	3.4	24	0.2	0.3	0.5	55	0.31	0.062	47
1111605	Soil	3.3	21.4	11.0	70	0.3	16.8	8.0	204	2.42	8.7	13.0	3.8	19	0.3	0.3	0.3	48	0.23	0.060	22
1111604	Soil	3.0	29.1	11.5	77	0.4	18.3	12.6	489	2.99	10.8	11.7	4.6	27	0.4	0.4	0.6	55	0.33	0.067	34
1111606	Soil	3.6	23.3	11.5	83	0.3	20.9	15.0	644	2.71	8.0	12.8	5.2	27	0.4	0.4	0.3	52	0.36	0.056	23
1111607	Soil	0.9	34.4	8.8	73	0.1	27.5	10.8	424	2.56	9.4	5.4	3.5	50	0.4	0.8	0.2	53	0.93	0.075	14
1111608	Soil	1.3	19.6	9.5	67	0.1	18.8	10.8	447	2.56	9.3	3.2	2.9	25	0.2	0.5	0.2	56	0.37	0.061	13
1111610	Soil	1.4	17.8	11.6	66	0.2	16.0	10.6	346	2.58	10.0	3.4	2.5	22	0.2	0.4	0.2	60	0.29	0.068	13
1111611	Soil	0.9	33.4	10.4	86	0.2	24.3	11.4	376	2.83	10.2	4.0	4.1	34	0.3	0.6	0.2	56	0.56	0.083	16
1111609	Soil	1.1	21.7	9.3	60	0.1	19.0	9.4	344	2.44	8.8	3.8	3.1	28	0.3	0.5	0.2	53	0.38	0.058	14
1111602	Soil	2.1	19.2	10.2	69	<0.1	17.8	7.9	194	2.41	8.0	7.0	4.1	19	0.2	0.4	0.2	51	0.24	0.051	14
1111600	Soil	3.0	39.4	8.1	121	<0.1	33.2	8.4	279	2.87	6.0	4.6	5.2	20	0.6	0.3	0.2	121	0.41	0.111	20
1111601	Soil	3.4	33.0	8.0	86	<0.1	27.8	9.3	320	2.66	5.2	4.3	6.2	19	0.4	0.3	0.2	59	0.23	0.058	17
1111599	Soil	2.3	19.9	14.2	65	<0.1	18.7	9.1	271	2.85	8.6	4.9	4.0	23	0.2	0.6	0.2	62	0.29	0.048	15
1111598	Soil	1.3	19.1	9.3	59	<0.1	14.7	8.2	238	2.73	8.2	5.7	4.0	22	0.1	0.4	0.1	60	0.32	0.047	17
1111597	Soil	1.5	16.2	9.2	62	<0.1	14.1	9.6	347	2.55	9.5	4.6	4.0	19	0.2	0.5	0.2	52	0.25	0.059	16
1111593	Soil	1.5	14.4	8.9	47	0.1	11.4	4.6	112	1.77	10.0	3.0	1.5	17	0.1	0.5	0.2	33	0.20	0.048	13
1111595	Soil	1.1	19.7	10.4	62	0.1	15.7	8.4	191	2.39	10.1	8.2	3.5	20	0.2	0.6	0.2	49	0.25	0.066	17
1111594	Soil	1.5	12.8	7.6	48	0.1	11.0	5.5	145	2.10	8.8	6.0	1.3	18	0.2	0.5	0.1	43	0.23	0.061	10
1111596	Soil	1.1	17.0	8.4	56	0.1	13.6	8.1	244	2.50	8.7	4.1	3.1	20	0.2	0.5	0.2	48	0.28	0.059	17
1111623	Soil	1.2	28.5	8.8	64	<0.1	19.8	7.4	256	2.44	8.9	8.5	4.8	29	0.1	0.5	0.2	53	0.40	0.066	16
1111622	Soil	1.3	28.6	9.6	64	0.1	19.6	7.5	259	2.45	8.7	6.5	5.1	29	0.2	0.5	0.2	54	0.40	0.061	16
1111621	Soil	2.0	24.7	7.6	64	<0.1	13.5	6.1	240	2.14	6.7	12.3	5.4	19	0.2	0.3	0.6	44	0.25	0.046	17

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1106735	Soil	28	0.82	311	0.073	1	1.15	0.030	0.10	0.2	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1106733	Soil	30	0.65	259	0.081	2	1.36	0.035	0.11	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1106734	Soil	27	0.56	250	0.066	2	1.26	0.021	0.08	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1106738	Soil	28	0.81	310	0.101	1	1.65	0.013	0.39	0.2	0.04	3.4	0.1	<0.05	5	0.5	<0.2
1106736	Soil	27	0.57	262	0.065	2	1.16	0.021	0.08	0.2	0.03	2.9	<0.1	<0.05	4	<0.5	<0.2
1106732	Soil	25	0.53	226	0.063	1	1.26	0.018	0.07	0.3	0.03	2.7	<0.1	<0.05	4	<0.5	<0.2
1106737	Soil	24	0.41	190	0.044	2	1.03	0.017	0.06	0.2	0.05	2.1	<0.1	<0.05	3	0.7	<0.2
1111612	Soil	27	0.58	160	0.071	<1	1.71	0.012	0.07	0.2	0.19	3.1	0.1	<0.05	6	0.5	<0.2
1111603	Soil	24	0.43	201	0.060	1	1.71	0.011	0.11	1.1	0.23	4.4	0.2	<0.05	7	0.7	<0.2
1111605	Soil	25	0.41	170	0.051	<1	1.50	0.010	0.07	0.2	0.20	3.2	0.1	<0.05	5	0.6	<0.2
1111604	Soil	26	0.44	291	0.056	1	1.88	0.011	0.10	0.6	0.18	4.7	0.1	<0.05	7	0.5	<0.2
1111606	Soil	24	0.43	261	0.056	<1	1.59	0.012	0.13	0.2	0.17	3.7	0.2	<0.05	6	<0.5	<0.2
1111607	Soil	28	0.63	324	0.070	3	1.30	0.024	0.08	0.3	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1111608	Soil	27	0.54	237	0.062	2	1.41	0.018	0.06	0.2	0.06	3.2	<0.1	<0.05	5	<0.5	<0.2
1111610	Soil	26	0.51	229	0.053	1	1.56	0.014	0.05	0.2	0.10	3.4	<0.1	<0.05	5	<0.5	<0.2
1111611	Soil	30	0.66	284	0.077	2	1.50	0.021	0.09	0.2	0.12	4.5	<0.1	<0.05	5	<0.5	<0.2
1111609	Soil	27	0.54	288	0.067	2	1.46	0.018	0.06	0.2	0.06	3.4	<0.1	<0.05	5	<0.5	<0.2
1111602	Soil	26	0.47	184	0.067	<1	1.54	0.009	0.06	0.2	0.07	2.8	<0.1	<0.05	5	<0.5	<0.2
1111600	Soil	42	0.86	352	0.100	<1	1.73	0.010	0.40	0.1	0.08	4.7	0.4	<0.05	6	<0.5	<0.2
1111601	Soil	24	0.65	254	0.083	<1	1.39	0.011	0.33	0.1	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1111599	Soil	30	0.49	216	0.071	<1	1.70	0.016	0.06	0.2	0.10	4.5	<0.1	<0.05	5	<0.5	<0.2
1111598	Soil	25	0.46	212	0.066	<1	1.57	0.012	0.06	0.2	0.12	4.5	<0.1	<0.05	5	<0.5	<0.2
1111597	Soil	24	0.43	183	0.066	1	1.50	0.012	0.06	0.2	0.10	3.7	<0.1	<0.05	5	<0.5	<0.2
1111593	Soil	18	0.32	132	0.046	1	1.16	0.009	0.04	0.2	0.23	2.3	0.1	<0.05	4	<0.5	<0.2
1111595	Soil	24	0.43	228	0.055	<1	1.58	0.011	0.05	0.2	0.19	4.2	0.1	<0.05	5	<0.5	<0.2
1111594	Soil	18	0.36	136	0.044	<1	1.19	0.011	0.04	0.2	0.18	2.6	<0.1	<0.05	4	<0.5	<0.2
1111596	Soil	22	0.41	180	0.064	1	1.41	0.012	0.05	0.2	0.13	3.6	0.1	<0.05	5	<0.5	<0.2
1111623	Soil	28	0.52	272	0.091	<1	1.38	0.023	0.08	0.2	0.06	4.0	<0.1	<0.05	4	<0.5	<0.2
1111622	Soil	28	0.53	282	0.092	1	1.43	0.016	0.09	0.2	0.07	4.1	0.1	<0.05	4	<0.5	<0.2
1111621	Soil	21	0.41	195	0.086	1	1.12	0.011	0.17	0.2	0.04	3.1	0.2	<0.05	4	<0.5	<0.2

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CERTIFICATE OF ANALYSIS DAW11000535.1

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1111620	Soil	1.7	26.1	7.7	61	<0.1	15.8	6.1	246	2.16	7.8	21.9	5.8	21	0.2	0.4	0.2	44	0.28	0.056	20
1111619	Soil	1.1	16.2	8.0	48	<0.1	13.0	5.9	172	1.92	6.3	4.1	3.2	18	0.1	0.3	0.1	42	0.22	0.047	13
1111618	Soil	1.2	17.8	9.8	58	<0.1	15.8	8.4	224	2.38	8.0	6.6	4.3	22	0.1	0.4	0.1	53	0.29	0.062	15
1111615	Soil	1.0	14.8	9.3	54	0.1	13.0	8.8	291	2.23	7.9	4.9	2.7	20	0.1	0.3	0.1	49	0.27	0.053	13
1111617	Soil	1.1	15.4	9.6	53	0.1	14.0	6.9	184	2.29	7.9	3.9	2.9	20	0.2	0.4	0.2	51	0.26	0.051	13
1111616	Soil	1.5	13.6	9.3	55	0.1	13.5	7.7	266	2.47	8.7	9.4	4.0	22	0.2	0.4	0.1	54	0.29	0.060	14
1111614	Soil	1.2	16.9	9.2	54	0.2	13.6	6.8	191	2.21	7.9	6.0	1.8	24	0.2	0.3	0.2	46	0.28	0.061	14
1111613	Soil	1.0	14.4	9.9	54	<0.1	11.8	6.8	200	2.24	8.4	4.8	3.0	20	0.2	0.4	0.2	48	0.26	0.052	14
1062319	Soil	0.9	14.0	10.9	42	<0.1	13.4	6.2	203	2.38	7.3	3.4	6.0	17	<0.1	0.4	0.4	50	0.17	0.014	16
1062320	Soil	1.0	30.4	12.5	58	<0.1	11.8	8.2	378	3.36	6.2	3.1	10.5	15	<0.1	0.5	1.5	48	0.14	0.030	25
1062317	Soil	1.0	12.8	12.4	104	<0.1	6.5	9.2	724	3.15	3.9	<0.5	8.0	13	0.2	0.2	0.2	40	0.21	0.056	12
1062311	Soil	1.5	34.9	11.0	66	<0.1	7.6	10.6	383	3.01	4.7	2.2	11.3	18	<0.1	0.2	0.6	44	0.56	0.076	18
1062318	Soil	1.2	9.3	11.6	48	<0.1	10.4	9.7	764	2.73	7.1	1.1	2.5	13	0.1	0.4	0.2	60	0.14	0.056	8
1062325	Soil	1.7	31.2	18.5	53	0.3	16.0	6.7	233	2.82	10.8	1.6	12.4	24	<0.1	0.5	0.5	35	0.28	0.038	28
1062326	Soil	1.5	21.2	16.2	49	0.1	14.1	7.1	267	2.06	7.4	0.9	16.0	22	<0.1	0.4	0.1	35	0.28	0.042	21
1062322	Soil	1.5	25.6	19.2	58	0.3	7.5	10.8	615	3.00	5.0	1.3	8.3	12	<0.1	0.5	2.0	41	0.10	0.028	23
1062324	Soil	1.2	35.8	21.7	107	0.3	17.9	10.1	726	2.70	8.0	8.4	13.2	20	0.3	0.6	0.2	39	0.37	0.039	36
1062321	Soil	1.6	62.5	10.3	54	0.2	15.6	9.9	339	3.90	5.6	0.7	10.1	7	0.1	0.5	1.8	53	0.06	0.026	15
1062323	Soil	15.9	41.5	531.7	449	0.6	7.6	9.5	924	2.84	3.4	2.6	8.1	24	0.8	0.3	1.9	34	0.40	0.085	20
1062331	Soil	1.3	28.2	9.9	62	0.1	22.8	15.2	588	3.46	3.8	2.8	6.1	26	<0.1	0.3	0.2	61	0.39	0.038	13
1062313	Soil	4.0	16.9	50.9	44	1.2	4.4	5.2	248	3.44	11.5	34.1	23.0	46	0.1	0.3	0.6	11	0.12	0.043	33
1062329	Soil	0.8	40.7	3.7	96	<0.1	27.2	25.2	833	5.13	1.0	5.4	5.3	24	<0.1	0.1	<0.1	93	0.51	0.105	15
1062315	Soil	0.9	22.6	38.4	53	0.8	20.8	8.7	338	2.84	7.8	5.5	7.2	25	0.1	0.6	0.6	53	0.28	0.037	22
1062312	Soil	2.2	36.3	64.4	95	2.0	13.4	9.9	495	2.50	4.7	34.8	10.2	37	0.7	0.4	0.4	36	0.95	0.061	49
1062314	Soil	1.0	22.6	115.0	142	0.4	17.6	9.3	456	3.07	7.4	9.9	8.1	23	0.2	0.6	0.5	55	0.28	0.059	22
1062316	Soil	0.9	13.1	12.2	54	0.1	16.2	9.3	719	2.49	4.6	4.2	5.4	19	0.1	0.5	0.2	48	0.16	0.055	12
1062309	Soil	2.3	38.4	10.6	90	<0.1	27.5	17.8	676	4.51	5.7	5.2	9.4	27	<0.1	0.5	0.1	57	0.44	0.064	27
1062306	Soil	1.2	27.1	10.6	64	0.1	21.6	12.8	454	3.15	5.8	5.4	6.0	35	0.1	0.4	0.2	57	0.72	0.054	19
1062310	Soil	1.8	25.9	7.8	67	<0.1	51.3	19.5	795	4.62	4.2	4.1	18.1	23	<0.1	0.7	0.2	78	0.35	0.050	61
1062308	Soil	1.2	33.5	9.8	61	<0.1	29.4	16.0	539	3.47	5.2	3.8	6.3	35	<0.1	0.5	0.2	69	0.59	0.031	21

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885 W. Georgia Street, Suite 1380
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Project: JPR
Report Date: December 08, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1111620	Soil	22	0.43	210	0.082	<1	1.16	0.012	0.15	0.2	0.07	3.7	0.2	<0.05	4	<0.5	<0.2
1111619	Soil	21	0.39	161	0.061	<1	1.21	0.009	0.05	0.1	0.05	2.7	<0.1	<0.05	4	<0.5	<0.2
1111618	Soil	26	0.48	206	0.076	1	1.42	0.011	0.06	0.2	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1111615	Soil	23	0.45	162	0.063	1	1.44	0.011	0.05	0.2	0.07	2.9	<0.1	<0.05	5	<0.5	<0.2
1111617	Soil	23	0.46	184	0.068	2	1.45	0.013	0.06	0.2	0.08	3.1	<0.1	<0.05	5	<0.5	<0.2
1111616	Soil	24	0.48	189	0.073	1	1.45	0.011	0.09	0.2	0.07	3.2	0.1	<0.05	5	<0.5	<0.2
1111614	Soil	22	0.43	206	0.056	<1	1.47	0.011	0.06	0.2	0.08	3.0	<0.1	<0.05	5	<0.5	<0.2
1111613	Soil	22	0.45	176	0.064	<1	1.52	0.010	0.05	0.2	0.08	3.0	0.1	<0.05	5	<0.5	<0.2
1062319	Soil	26	0.45	152	0.052	<1	1.55	0.013	0.05	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1062320	Soil	20	0.51	180	0.043	<1	1.92	0.011	0.10	0.1	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1062317	Soil	12	0.68	127	0.086	<1	1.81	0.008	0.38	<0.1	<0.01	2.0	0.3	<0.05	7	<0.5	<0.2
1062311	Soil	10	1.09	137	0.109	<1	1.98	0.011	0.46	0.1	<0.01	2.6	0.4	<0.05	6	<0.5	<0.2
1062318	Soil	22	0.41	137	0.058	<1	1.51	0.007	0.08	0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1062325	Soil	21	0.37	155	0.046	<1	1.11	0.016	0.14	0.1	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
1062326	Soil	21	0.39	150	0.041	<1	1.38	0.007	0.15	0.1	0.02	3.5	0.1	<0.05	4	<0.5	<0.2
1062322	Soil	17	0.29	200	0.022	<1	1.90	0.010	0.10	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1062324	Soil	21	0.48	175	0.055	<1	1.33	0.012	0.14	0.1	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1062321	Soil	19	0.55	143	0.117	<1	2.67	0.008	0.25	0.2	0.02	4.0	0.3	<0.05	8	<0.5	<0.2
1062323	Soil	13	0.50	223	0.049	2	1.71	0.010	0.30	<0.1	0.01	2.3	0.3	<0.05	6	0.5	0.2
1062331	Soil	43	1.02	231	0.150	2	2.13	0.015	0.44	0.1	<0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1062313	Soil	6	0.19	189	0.012	<1	0.62	0.053	0.27	<0.1	0.01	1.6	0.1	0.47	2	1.2	0.3
1062329	Soil	60	2.58	333	0.255	1	2.93	0.016	1.26	0.1	0.01	2.5	0.5	<0.05	8	<0.5	<0.2
1062315	Soil	30	0.49	175	0.077	1	1.54	0.013	0.11	0.1	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2
1062312	Soil	18	0.61	120	0.059	2	1.35	0.019	0.17	<0.1	0.05	3.1	0.1	0.05	4	1.4	<0.2
1062314	Soil	28	0.63	173	0.112	<1	1.72	0.012	0.26	0.2	0.03	4.2	0.3	<0.05	6	<0.5	<0.2
1062316	Soil	26	0.51	204	0.076	<1	1.53	0.014	0.11	0.1	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1062309	Soil	50	1.36	180	0.100	<1	2.54	0.015	0.22	0.1	0.02	4.4	0.2	<0.05	8	<0.5	<0.2
1062306	Soil	29	0.71	322	0.084	1	1.75	0.017	0.17	0.1	0.03	4.1	<0.1	<0.05	5	0.8	<0.2
1062310	Soil	133	1.43	171	0.032	<1	2.59	0.011	0.13	0.1	0.01	8.2	<0.1	<0.05	9	0.6	<0.2
1062308	Soil	48	0.97	250	0.096	<1	2.36	0.018	0.09	0.1	0.02	5.6	<0.1	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1062307	Soil	1.3	25.2	13.8	56	<0.1	19.8	12.7	388	2.92	3.6	4.7	8.4	22	<0.1	0.4	0.1	52	0.41	0.038	15
1062305	Soil	0.8	29.6	21.9	73	0.2	16.3	12.1	404	3.27	5.5	3.7	10.6	27	0.1	0.4	0.3	61	0.58	0.062	27
1062328	Soil	2.6	48.7	4.6	77	0.3	18.5	18.6	718	5.43	1.5	8.9	2.0	22	<0.1	0.3	<0.1	151	0.59	0.073	12
1062333	Soil	1.2	26.5	10.6	53	0.1	21.2	9.0	245	2.46	7.0	4.2	3.7	57	0.2	0.7	0.2	48	0.92	0.052	14
1062332	Soil	1.5	27.7	9.1	65	<0.1	22.3	11.8	405	2.98	5.3	4.1	5.5	39	0.2	0.4	0.1	57	0.59	0.046	15
1062327	Soil	0.7	23.6	7.2	84	<0.1	24.2	18.6	727	4.49	3.6	2.2	17.4	26	<0.1	0.3	<0.1	60	0.44	0.104	39
1062330	Soil	0.8	39.9	3.2	83	<0.1	25.1	21.7	692	4.50	1.1	6.4	5.4	27	<0.1	0.1	<0.1	90	0.49	0.088	15
1109344	Soil	1.9	27.2	9.6	66	0.1	19.1	9.2	331	2.61	6.3	5.7	7.9	31	0.2	0.5	0.2	54	0.35	0.060	32
1109343	Soil	1.3	24.6	9.2	65	0.1	20.0	8.5	345	2.51	6.5	3.0	5.8	33	0.2	0.6	0.2	52	0.41	0.059	20
1109345	Soil	1.1	25.5	9.7	59	0.1	20.9	9.9	381	2.41	6.9	5.5	5.3	36	0.2	0.6	0.2	51	0.49	0.061	18
1109346	Soil	1.5	20.8	8.9	56	<0.1	15.8	8.4	310	2.39	5.3	5.2	6.0	30	0.1	0.5	0.2	50	0.34	0.053	19
1109347	Soil	1.0	30.8	9.4	67	0.1	25.7	10.4	413	2.46	9.1	3.0	4.0	58	0.3	0.9	0.2	50	1.15	0.073	14
1109348	Soil	0.9	22.4	7.9	59	<0.1	20.8	9.2	353	2.34	8.4	3.4	3.7	44	0.2	0.7	0.1	51	0.71	0.065	14
1109349	Soil	0.8	30.9	9.2	78	0.1	27.5	10.8	473	2.50	7.9	4.6	3.7	50	0.4	0.7	0.2	51	0.94	0.071	14
1109350	Soil	1.3	15.7	8.9	57	<0.1	14.5	7.8	350	2.27	6.7	4.4	3.4	26	0.2	0.5	0.2	54	0.33	0.057	14
1109332	Soil	1.0	23.1	9.9	64	0.3	14.0	7.8	277	2.45	5.7	15.9	5.8	21	0.1	0.4	0.2	50	0.25	0.058	25
1109342	Soil	1.7	21.9	6.6	49	<0.1	9.4	6.3	296	2.14	2.5	3.2	10.8	18	<0.1	0.2	0.6	42	0.22	0.037	34
1109331	Soil	0.9	22.2	11.0	65	0.2	14.5	8.1	308	2.47	5.3	8.0	7.1	22	0.2	0.4	0.1	50	0.27	0.061	21
1109333	Soil	0.7	16.2	8.7	59	0.1	12.6	6.7	226	2.11	4.2	6.5	5.1	23	0.2	0.3	0.2	42	0.26	0.062	21
1109334	Soil	0.7	17.2	9.7	59	0.2	12.1	6.0	201	2.15	4.4	5.3	4.6	21	0.1	0.3	0.1	46	0.24	0.061	22
1109335	Soil	0.7	15.3	8.4	49	0.2	10.9	4.8	166	1.89	3.9	19.4	3.1	22	0.1	0.3	0.1	38	0.24	0.055	21
1109336	Soil	0.9	15.0	9.1	52	0.2	10.4	5.5	196	1.94	3.5	20.2	3.2	21	0.1	0.3	0.2	42	0.23	0.054	19
1109337	Soil	4.0	25.8	8.4	71	0.2	9.6	10.4	648	3.14	3.6	8.7	14.2	21	0.1	0.3	0.2	57	0.30	0.054	56
1109338	Soil	1.8	24.7	9.4	63	0.2	10.0	7.6	436	2.48	3.0	9.2	13.0	23	0.1	0.3	0.2	44	0.28	0.052	44
1109339	Soil	0.9	21.8	6.5	60	<0.1	9.5	7.0	364	2.46	3.0	3.5	11.4	20	0.1	0.2	0.2	50	0.27	0.046	32
1109341	Soil	1.7	21.7	5.9	47	<0.1	9.2	6.1	294	2.07	3.4	2.2	10.7	17	<0.1	0.2	0.7	41	0.21	0.037	33
1109340	Soil	1.4	25.5	8.7	61	<0.1	12.8	7.3	301	2.55	6.0	3.9	9.6	24	0.1	0.3	0.2	53	0.29	0.044	30
1128550	Soil	1.2	13.1	8.3	59	<0.1	13.3	7.6	280	2.65	7.2	5.2	5.1	19	0.1	0.3	0.2	57	0.22	0.047	19
1128549	Soil	1.3	42.8	5.8	138	<0.1	14.6	18.3	620	4.33	1.5	6.5	9.6	15	0.1	0.1	0.2	78	0.22	0.048	24
1128541	Soil	1.0	72.8	5.1	65	<0.1	9.9	11.9	479	3.25	3.2	1.9	6.8	17	<0.1	0.2	0.1	65	0.26	0.044	17

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1062307	Soil	36	0.80	159	0.075	<1	1.66	0.018	0.10	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1062305	Soil	24	0.74	244	0.123	1	1.99	0.015	0.32	0.1	0.03	4.0	0.2	<0.05	6	0.8	<0.2
1062328	Soil	37	1.75	148	0.080	<1	2.93	0.026	0.57	0.1	0.03	14.3	0.4	<0.05	9	0.5	<0.2
1062333	Soil	27	0.56	264	0.084	1	1.44	0.021	0.06	0.2	0.04	3.1	<0.1	0.07	4	1.0	<0.2
1062332	Soil	37	0.79	228	0.140	2	1.98	0.025	0.26	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1062327	Soil	47	1.53	109	0.159	<1	2.61	0.010	0.70	0.1	0.01	3.8	0.4	<0.05	9	<0.5	<0.2
1062330	Soil	50	2.18	307	0.248	<1	2.60	0.018	1.05	0.1	0.01	3.0	0.4	<0.05	8	<0.5	<0.2
1109344	Soil	26	0.53	238	0.106	2	1.73	0.018	0.12	0.2	0.05	3.7	0.1	<0.05	5	<0.5	<0.2
1109343	Soil	27	0.56	262	0.101	1	1.58	0.027	0.09	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1109345	Soil	27	0.54	275	0.092	2	1.47	0.033	0.07	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1109346	Soil	25	0.50	243	0.096	<1	1.52	0.017	0.07	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1109347	Soil	26	0.69	338	0.084	2	1.24	0.035	0.08	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1109348	Soil	25	0.50	304	0.082	2	1.23	0.030	0.06	0.2	0.04	3.0	<0.1	<0.05	4	0.6	<0.2
1109349	Soil	28	0.66	325	0.088	3	1.27	0.036	0.07	0.2	0.03	3.3	<0.1	<0.05	4	1.0	<0.2
1109350	Soil	24	0.49	179	0.082	1	1.36	0.018	0.06	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1109332	Soil	25	0.51	163	0.085	1	1.63	0.014	0.08	0.4	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
1109342	Soil	18	0.51	136	0.108	<1	1.32	0.012	0.19	0.2	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1109331	Soil	27	0.52	149	0.094	1	1.56	0.019	0.10	0.4	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1109333	Soil	23	0.48	148	0.079	2	1.40	0.015	0.08	0.3	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2
1109334	Soil	23	0.49	168	0.074	1	1.42	0.013	0.07	0.4	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1109335	Soil	21	0.44	154	0.063	1	1.28	0.013	0.06	0.3	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1109336	Soil	20	0.49	134	0.072	1	1.37	0.016	0.09	0.3	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
1109337	Soil	16	0.63	177	0.131	<1	2.02	0.013	0.37	0.1	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1109338	Soil	19	0.51	176	0.109	<1	1.65	0.013	0.23	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1109339	Soil	19	0.61	151	0.116	2	1.53	0.013	0.26	0.2	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1109341	Soil	17	0.50	134	0.100	1	1.25	0.012	0.20	0.2	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1109340	Soil	24	0.60	183	0.106	<1	1.60	0.013	0.15	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1128550	Soil	23	0.51	145	0.086	1	1.60	0.009	0.13	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1128549	Soil	45	1.43	247	0.195	<1	2.50	0.012	1.04	<0.1	<0.01	4.5	0.4	<0.05	7	0.6	<0.2
1128541	Soil	18	0.97	179	0.165	1	1.90	0.010	0.69	0.1	<0.01	2.8	0.3	<0.05	5	0.9	<0.2

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Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1128542	Soil	1.8	19.2	10.1	80	<0.1	10.0	14.4	518	3.08	3.8	2.0	5.1	19	<0.1	0.2	0.1	69	0.28	0.039	12
1128547	Soil	2.2	33.7	5.4	72	0.3	14.4	15.9	480	3.84	1.9	4.4	3.9	26	0.1	0.1	0.1	81	0.37	0.049	13
1128543	Soil	1.2	16.1	29.0	141	<0.1	5.6	16.3	777	4.25	0.7	1.5	8.5	15	0.1	0.1	<0.1	93	0.27	0.042	11
1128544	Soil	0.8	36.4	8.3	124	<0.1	16.7	22.2	704	4.24	0.6	0.7	3.1	19	0.2	0.1	<0.1	83	0.39	0.075	9
1128545	Soil	1.1	32.8	8.7	111	<0.1	15.4	18.0	597	3.82	1.6	2.0	2.9	20	0.1	0.2	0.1	83	0.39	0.067	7
1128546	Soil	2.2	26.6	4.8	67	0.2	14.5	13.8	378	3.53	2.1	2.3	2.6	25	0.1	0.2	<0.1	80	0.37	0.040	9
1128548	Soil	1.0	45.8	3.9	120	<0.1	20.6	18.5	615	4.39	1.2	1.5	3.9	19	<0.1	0.1	0.4	74	0.22	0.028	5
1128540	Soil	0.7	22.8	3.6	77	<0.1	9.5	18.4	749	4.54	1.4	1.3	7.2	17	<0.1	0.2	<0.1	82	0.33	0.066	12
1128539	Soil	1.3	20.8	6.2	71	0.1	10.3	13.4	520	3.73	2.2	2.8	6.3	19	0.1	0.3	<0.1	77	0.42	0.044	15
1128538	Soil	2.0	37.6	6.3	77	<0.1	9.9	13.3	546	3.78	2.0	3.6	7.6	18	<0.1	0.3	0.1	79	0.29	0.040	16
1139582	Soil	1.3	19.5	8.0	62	0.1	13.1	11.2	427	2.96	4.3	18.2	6.8	21	<0.1	0.4	0.1	66	0.29	0.030	23
1139585	Soil	2.1	37.9	8.4	62	1.0	13.1	11.3	398	3.11	3.0	203.8	4.8	48	0.1	0.2	0.5	63	0.69	0.040	42
1139584	Soil	2.8	38.2	6.5	68	0.2	17.3	19.9	552	4.08	2.8	19.2	6.5	31	<0.1	0.2	0.2	87	0.50	0.059	24
1139581	Soil	1.7	17.3	13.5	87	<0.1	12.4	10.4	393	2.97	4.7	4.7	5.2	19	<0.1	0.4	0.2	60	0.26	0.033	18
1061900	Soil	0.8	23.0	11.7	60	<0.1	19.1	8.9	370	2.51	5.1	6.6	9.0	23	0.2	0.5	0.4	46	0.33	0.053	23
1139587	Soil	1.9	31.4	8.0	92	0.3	17.3	16.4	664	3.99	3.3	10.7	8.3	48	0.1	0.2	0.3	79	0.53	0.051	42
1139586	Soil	2.4	16.0	8.4	62	0.1	10.8	8.7	365	3.03	4.8	23.8	6.1	22	<0.1	0.3	0.3	62	0.36	0.021	13
1139583	Soil	3.0	38.5	5.9	68	0.2	16.8	21.4	555	4.32	2.3	15.7	6.2	37	0.1	0.2	0.2	90	0.54	0.060	24
1062302	Soil	0.9	24.4	17.8	76	0.1	18.2	9.4	369	2.67	7.7	2.7	7.3	24	0.2	0.4	0.6	47	0.37	0.059	21
1061886	Soil	1.2	29.5	33.8	75	<0.1	25.1	12.3	469	3.22	7.8	7.0	8.4	18	0.2	0.5	0.2	63	0.17	0.022	29
1062301	Soil	0.7	20.7	17.2	63	<0.1	17.5	8.3	310	2.34	5.4	15.5	8.1	19	0.1	0.5	0.6	46	0.24	0.040	18
1062304	Soil	1.0	27.7	8.9	62	0.2	19.5	13.0	423	2.88	4.0	6.7	4.9	39	0.2	0.3	0.1	57	0.66	0.069	21
1061894	Soil	1.0	29.8	32.7	83	0.2	27.0	12.4	474	3.20	8.6	88.4	12.1	17	0.4	0.5	0.8	60	0.21	0.049	53
1061887	Soil	1.3	19.1	78.7	100	0.2	16.6	10.4	531	2.75	8.8	20.5	4.7	15	0.4	0.5	0.4	51	0.15	0.038	18
1061885	Soil	1.2	17.0	20.5	61	<0.1	15.0	9.4	362	2.93	7.3	6.6	5.7	13	0.2	0.6	0.2	59	0.12	0.028	12
1062303	Soil	1.4	21.0	10.3	63	0.2	15.1	12.5	647	2.85	3.7	3.4	5.7	30	0.2	0.3	0.3	51	0.58	0.084	22
1061897	Soil	0.8	36.2	15.2	82	<0.1	17.2	20.1	637	3.85	4.6	4.4	7.5	25	0.2	0.3	0.5	78	0.48	0.109	26
1061895	Soil	0.8	25.9	12.6	66	<0.1	21.1	10.4	374	2.77	5.1	4.0	9.0	23	<0.1	0.5	0.3	55	0.28	0.047	26
1061899	Soil	0.8	46.8	9.9	61	0.3	18.1	20.7	569	3.45	2.3	30.4	3.9	34	0.2	0.2	0.2	96	0.64	0.059	15
1061898	Soil	0.8	21.2	19.5	67	<0.1	17.5	7.9	300	2.46	6.3	2.8	4.6	19	0.2	0.4	0.7	49	0.22	0.040	14

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1128542	Soil	21	0.93	204	0.153	<1	1.80	0.010	0.50	0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1128547	Soil	48	1.36	426	0.150	1	2.39	0.014	0.72	0.1	0.02	4.4	0.3	<0.05	7	0.5	<0.2
1128543	Soil	8	1.34	267	0.218	1	2.41	0.010	1.36	<0.1	<0.01	3.7	0.3	<0.05	7	<0.5	<0.2
1128544	Soil	46	1.96	519	0.285	<1	2.92	0.012	1.59	0.1	<0.01	2.3	0.4	<0.05	6	<0.5	<0.2
1128545	Soil	45	1.76	378	0.214	<1	2.62	0.016	1.10	0.1	0.01	2.7	0.3	<0.05	6	<0.5	<0.2
1128546	Soil	38	1.51	382	0.213	<1	2.47	0.014	0.79	0.1	0.02	2.3	0.3	<0.05	6	0.7	<0.2
1128548	Soil	59	1.69	455	0.196	<1	3.06	0.013	0.97	0.1	<0.01	2.4	0.4	<0.05	7	<0.5	0.3
1128540	Soil	18	1.56	176	0.242	<1	2.88	0.009	1.51	0.1	<0.01	2.3	0.5	<0.05	7	<0.5	<0.2
1128539	Soil	18	1.12	203	0.176	<1	2.26	0.010	0.87	0.1	<0.01	3.2	0.3	<0.05	7	0.5	<0.2
1128538	Soil	18	1.18	202	0.186	<1	2.26	0.010	0.79	0.1	0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1139582	Soil	25	0.74	228	0.135	1	1.75	0.014	0.16	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1139585	Soil	30	0.80	384	0.118	1	1.97	0.015	0.23	0.2	0.04	3.8	0.2	<0.05	7	0.7	<0.2
1139584	Soil	39	1.53	408	0.197	<1	2.39	0.014	0.80	0.1	<0.01	3.7	0.4	<0.05	6	<0.5	<0.2
1139581	Soil	21	0.73	136	0.124	<1	1.79	0.012	0.20	0.1	<0.01	2.8	0.1	<0.05	5	0.6	<0.2
1061900	Soil	31	0.62	211	0.105	1	1.45	0.013	0.11	0.2	0.01	2.8	0.2	<0.05	5	0.5	<0.2
1139587	Soil	49	1.19	400	0.163	1	2.23	0.021	0.49	0.3	0.03	4.7	0.2	0.07	7	<0.5	<0.2
1139586	Soil	22	0.67	125	0.122	1	1.66	0.015	0.14	0.2	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1139583	Soil	43	1.70	456	0.214	1	2.46	0.018	0.99	0.2	0.02	3.8	0.5	0.06	7	<0.5	<0.2
1062302	Soil	28	0.59	208	0.098	1	1.36	0.013	0.12	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
1061886	Soil	35	0.62	228	0.092	2	2.02	0.011	0.09	<0.1	0.04	5.3	0.1	<0.05	5	0.9	<0.2
1062301	Soil	27	0.52	194	0.090	1	1.41	0.011	0.09	0.2	0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1062304	Soil	32	0.82	202	0.098	<1	1.67	0.019	0.15	0.1	0.02	3.6	<0.1	<0.05	5	0.8	<0.2
1061894	Soil	45	0.75	160	0.102	<1	1.96	0.011	0.12	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1061887	Soil	26	0.49	160	0.063	1	1.57	0.009	0.08	0.2	0.03	2.6	0.1	<0.05	5	0.7	<0.2
1061885	Soil	31	0.54	144	0.088	2	1.85	0.009	0.10	0.2	0.02	3.2	0.1	<0.05	6	0.6	<0.2
1062303	Soil	28	0.74	216	0.085	1	1.58	0.015	0.18	0.1	0.05	3.3	0.1	<0.05	5	0.8	<0.2
1061897	Soil	33	1.29	206	0.178	<1	2.23	0.025	0.61	0.1	0.01	4.0	0.3	<0.05	6	<0.5	<0.2
1061895	Soil	35	0.73	187	0.116	<1	1.65	0.014	0.12	0.1	0.01	3.2	0.2	<0.05	5	0.7	<0.2
1061899	Soil	37	1.43	219	0.159	<1	2.16	0.026	0.26	0.1	0.01	4.9	0.2	<0.05	6	<0.5	<0.2
1061898	Soil	27	0.55	164	0.090	<1	1.56	0.010	0.08	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1109240	Soil	2.6	25.5	10.2	72	<0.1	11.3	14.4	963	3.60	7.1	4.1	21.2	12	<0.1	0.4	0.2	54	0.16	0.058	27
1109241	Soil	1.9	19.8	8.6	54	<0.1	11.2	6.2	345	2.83	6.5	4.6	14.8	15	<0.1	0.3	0.2	56	0.15	0.027	30
1109242	Soil	5.4	23.5	7.4	74	<0.1	12.5	13.5	797	3.29	5.7	5.0	18.9	15	0.1	0.3	0.1	54	0.18	0.047	30
1061896	Soil	1.2	22.6	14.6	59	0.3	15.4	10.5	354	2.78	6.9	7.5	6.3	20	0.2	0.3	0.6	57	0.35	0.048	19
1109222	Soil	0.8	43.0	5.7	73	0.1	17.6	13.2	579	2.97	4.9	2.6	8.4	33	0.3	0.4	0.1	63	0.59	0.081	18
1109225	Soil	7.1	25.6	8.7	55	0.1	13.6	11.0	376	2.94	7.2	6.7	10.4	17	<0.1	0.4	0.1	55	0.23	0.029	16
1109220	Soil	0.5	21.7	16.3	68	1.6	19.9	10.2	419	2.35	7.4	13.6	5.0	32	0.3	0.6	0.2	49	0.58	0.065	17
1109244	Soil	9.9	22.5	7.3	72	0.1	11.7	13.2	611	3.40	4.5	2.8	10.4	25	<0.1	0.2	0.1	76	0.30	0.062	69
1109224	Soil	5.2	20.2	5.0	56	0.1	9.0	9.7	561	2.80	3.8	3.3	11.2	14	<0.1	0.2	<0.1	48	0.22	0.044	23
1109223	Soil	1.9	70.5	2.7	64	0.1	5.9	14.5	661	3.60	<0.5	2.1	13.0	19	<0.1	0.1	<0.1	78	0.47	0.062	13
1109227	Soil	1.2	26.5	14.1	82	<0.1	7.2	10.8	746	3.22	2.3	17.7	20.5	17	<0.1	0.3	0.3	34	0.45	0.027	39
1109221	Soil	0.7	22.7	10.3	71	0.1	20.3	10.9	457	2.77	7.8	10.9	5.9	32	0.2	0.5	0.2	56	0.51	0.066	18
1109234	Soil	4.6	29.4	48.0	75	0.2	16.0	10.1	740	3.08	4.4	36.7	12.6	15	0.3	0.3	<0.1	59	0.23	0.041	24
1109226	Soil	1.6	22.2	14.7	71	<0.1	7.0	10.4	784	2.99	2.3	19.0	21.8	13	<0.1	0.3	0.2	32	0.40	0.038	41
1109228	Soil	2.0	41.4	44.6	94	0.1	15.5	9.3	547	2.99	6.3	19.5	14.7	24	0.4	0.4	0.3	50	0.42	0.023	63
1109229	Soil	0.3	14.3	10.0	103	<0.1	7.8	16.9	1265	4.40	1.0	4.1	17.8	18	0.7	0.1	<0.1	90	0.53	0.073	28
1109230	Soil	2.9	47.2	13.7	86	<0.1	15.8	14.2	971	4.51	4.2	7.7	16.7	19	<0.1	0.4	<0.1	69	0.34	0.049	24
1109243	Soil	32.6	28.4	9.4	94	<0.1	9.5	12.5	798	4.04	4.5	1.4	14.8	13	<0.1	0.2	0.1	82	0.19	0.056	36
1109231	Soil	5.6	36.9	9.7	87	<0.1	25.9	14.1	1050	4.30	3.3	15.4	24.2	21	<0.1	0.4	0.1	60	0.37	0.042	58
1109237	Soil	0.9	53.0	9.1	118	<0.1	10.6	19.1	1468	6.28	1.5	5.0	21.5	22	<0.1	0.2	0.2	158	0.49	0.101	33
1109235	Soil	1.3	19.6	11.1	55	<0.1	17.2	11.5	627	3.08	5.1	10.8	14.3	23	<0.1	0.5	<0.1	52	0.33	0.038	23
1109239	Soil	1.4	17.1	6.4	95	<0.1	11.2	11.9	851	4.26	5.5	2.5	14.1	14	<0.1	0.3	<0.1	68	0.18	0.043	24
1109232	Soil	7.8	108.8	12.2	98	0.1	5.4	19.6	1263	5.02	2.4	8.7	21.8	25	0.2	0.3	0.2	52	0.46	0.084	26
1109236	Soil	2.0	20.6	25.1	88	0.4	9.7	13.6	354	3.84	4.5	18.9	10.9	9	0.2	0.5	0.3	55	0.09	0.013	19
1109249	Soil	1.2	13.6	7.9	58	0.1	12.1	6.9	213	2.10	4.1	3.5	3.8	20	0.1	0.3	0.1	46	0.23	0.050	19
1109247	Soil	2.9	21.7	8.0	71	0.1	12.8	10.0	361	2.95	5.3	2.2	9.7	22	0.1	0.3	0.1	70	0.28	0.054	37
1109233	Soil	3.3	47.0	10.9	106	0.1	33.7	13.0	1228	4.34	1.3	10.5	28.4	14	<0.1	0.3	0.2	49	0.60	0.133	54
1109238	Soil	1.0	23.3	8.6	58	<0.1	15.7	9.1	383	2.91	7.9	3.9	11.9	19	<0.1	0.4	0.2	59	0.16	0.021	21
1109248	Soil	1.7	17.8	8.0	61	0.1	11.6	7.6	238	2.27	4.7	2.7	5.3	19	<0.1	0.3	0.1	56	0.22	0.048	25
1139735	Soil	1.2	26.9	8.8	62	0.1	23.3	10.9	444	2.42	7.9	3.1	4.0	35	0.2	0.6	0.2	53	0.44	0.067	16

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885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8 Canada

Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1109240	Soil	20	0.60	155	0.125	2	2.15	0.008	0.38	0.3	0.02	2.8	0.4	<0.05	8	<0.5	<0.2
1109241	Soil	19	0.50	139	0.118	<1	2.07	0.008	0.20	0.2	0.02	2.6	0.2	<0.05	8	<0.5	<0.2
1109242	Soil	20	0.66	148	0.117	<1	2.29	0.008	0.33	0.2	0.03	2.5	0.3	<0.05	7	<0.5	<0.2
1061896	Soil	27	0.71	177	0.090	1	1.71	0.013	0.10	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1109222	Soil	23	0.90	223	0.106	1	1.63	0.017	0.35	0.3	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1109225	Soil	25	0.59	160	0.091	1	1.88	0.010	0.11	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1109220	Soil	24	0.53	285	0.076	1	1.44	0.016	0.07	0.2	0.06	3.6	<0.1	<0.05	4	<0.5	<0.2
1109244	Soil	20	0.97	251	0.165	1	2.24	0.012	0.61	0.1	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1109224	Soil	16	0.62	143	0.099	<1	1.52	0.009	0.25	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1109223	Soil	8	1.32	221	0.132	<1	2.33	0.010	1.25	<0.1	<0.01	2.9	0.4	<0.05	7	<0.5	<0.2
1109227	Soil	11	0.76	150	0.006	<1	1.86	0.007	0.14	<0.1	0.02	5.4	<0.1	<0.05	5	<0.5	<0.2
1109221	Soil	28	0.68	277	0.096	1	1.65	0.017	0.13	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1109234	Soil	29	0.61	142	0.093	<1	1.57	0.008	0.21	0.2	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1109226	Soil	10	0.64	128	0.005	<1	1.52	0.007	0.13	<0.1	0.01	5.4	<0.1	<0.05	5	<0.5	<0.2
1109228	Soil	25	0.65	233	0.064	<1	1.85	0.011	0.14	0.2	0.03	4.8	0.1	<0.05	5	<0.5	<0.2
1109229	Soil	15	1.60	195	0.241	<1	2.72	0.008	1.20	0.1	<0.01	4.0	0.6	<0.05	9	<0.5	<0.2
1109230	Soil	28	1.22	161	0.142	<1	2.54	0.009	0.63	0.2	0.02	6.0	0.3	<0.05	8	<0.5	<0.2
1109243	Soil	17	1.19	190	0.201	<1	2.52	0.009	0.83	0.1	0.02	6.2	0.3	<0.05	9	<0.5	<0.2
1109231	Soil	40	1.26	192	0.137	<1	2.28	0.009	0.40	0.2	0.02	5.2	0.3	<0.05	7	<0.5	<0.2
1109237	Soil	18	2.08	234	0.278	<1	3.44	0.010	1.83	0.2	0.01	9.7	0.4	<0.05	12	<0.5	<0.2
1109235	Soil	27	0.81	218	0.103	<1	1.82	0.014	0.20	0.2	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1109239	Soil	18	1.10	155	0.194	<1	2.78	0.009	0.71	0.3	0.01	3.1	0.5	<0.05	9	<0.5	<0.2
1109232	Soil	9	1.06	188	0.004	<1	2.36	0.006	0.11	<0.1	<0.01	5.2	<0.1	<0.05	10	<0.5	<0.2
1109236	Soil	17	0.76	116	0.106	<1	2.20	0.007	0.34	0.3	0.02	4.5	0.3	<0.05	5	<0.5	<0.2
1109249	Soil	21	0.58	137	0.106	<1	1.50	0.012	0.18	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1109247	Soil	22	0.83	200	0.148	1	2.08	0.013	0.38	0.2	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1109233	Soil	46	1.24	197	0.139	<1	2.23	0.008	0.81	<0.1	0.02	6.3	0.4	<0.05	8	<0.5	<0.2
1109238	Soil	27	0.59	172	0.103	<1	2.07	0.009	0.20	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1109248	Soil	20	0.59	170	0.111	<1	1.58	0.011	0.19	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1139735	Soil	28	0.50	306	0.074	1	1.41	0.017	0.07	0.2	0.04	3.3	<0.1	<0.05	4	<0.5	<0.2

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885 W. Georgia Street, Suite 1380
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Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1139736	Soil	1.3	15.5	7.8	69	0.1	16.1	9.6	388	2.12	6.4	3.9	3.6	46	0.2	0.4	0.1	47	0.60	0.075	13
1139737	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1128743	Soil	0.9	13.4	8.8	64	0.1	11.9	8.0	214	2.25	4.7	3.4	2.3	19	<0.1	0.3	0.2	49	0.23	0.059	11
1128536	Soil	1.5	12.5	8.2	56	0.1	10.6	7.9	353	2.42	5.0	4.4	2.6	18	<0.1	0.3	0.2	61	0.24	0.052	11
1128741	Soil	1.4	13.7	8.2	60	0.1	11.7	7.6	236	2.28	5.8	3.8	3.0	19	0.1	0.3	0.2	54	0.24	0.056	11
1109246	Soil	2.9	13.9	3.4	57	<0.1	8.0	10.5	476	2.68	2.0	2.4	8.2	17	<0.1	0.2	<0.1	63	0.27	0.062	26
1128744	Soil	1.4	13.7	9.0	59	0.1	10.4	7.3	287	2.28	3.6	3.5	2.4	17	<0.1	0.2	0.2	58	0.21	0.044	10
1128537	Soil	1.1	34.9	8.8	77	0.1	15.6	9.6	338	2.41	5.2	4.0	5.4	30	0.2	0.4	0.2	51	0.43	0.067	20
1128740	Soil	1.0	15.0	7.8	49	0.2	10.8	5.3	177	1.85	4.8	7.0	1.7	21	0.1	0.3	0.2	34	0.25	0.053	11
1128742	Soil	1.1	13.2	8.9	61	0.1	11.4	7.2	245	2.31	6.0	6.5	2.0	17	0.1	0.4	0.1	51	0.20	0.055	10
1105866	Soil	1.1	17.5	13.3	68	<0.1	17.5	12.5	710	3.15	5.0	3.0	6.3	27	0.2	0.2	0.2	62	0.44	0.072	16
1105868	Soil	1.0	21.3	9.3	59	0.2	22.8	11.8	646	2.70	5.4	2.1	5.1	28	0.2	0.3	0.2	53	0.37	0.058	19
1105867	Soil	1.1	21.7	10.2	60	0.2	23.4	12.1	667	2.75	5.6	7.9	5.3	28	0.2	0.3	0.2	54	0.41	0.060	19
1109245	Soil	5.0	16.3	7.5	80	<0.1	9.9	11.2	617	3.22	4.3	2.1	7.2	14	0.1	0.2	<0.1	74	0.20	0.060	17
1105862	Soil	2.1	33.3	20.9	58	0.2	26.1	9.9	584	2.63	5.8	7.0	4.8	34	0.2	0.4	0.2	52	0.59	0.043	20
1105860	Soil	2.3	57.0	18.6	129	<0.1	65.3	20.5	816	4.95	22.8	3.9	6.7	56	<0.1	0.4	0.2	125	0.66	0.108	17
1105864	Soil	1.1	37.6	12.2	82	<0.1	22.2	11.0	452	3.30	2.9	7.9	7.7	21	0.2	0.2	0.2	60	0.30	0.049	18
1105865	Soil	1.1	19.7	13.7	58	0.2	17.1	10.7	403	2.58	6.4	3.7	5.6	24	0.1	0.3	0.4	54	0.33	0.045	19
1105863	Soil	1.0	16.2	20.1	54	<0.1	17.2	9.6	296	2.62	6.4	3.2	4.0	24	0.2	0.3	0.2	56	0.33	0.038	11
1105861	Soil	1.3	63.0	8.0	146	<0.1	38.8	11.3	408	4.07	2.2	2.2	11.7	28	0.2	<0.1	0.1	119	0.43	0.100	28
1105853	Soil	0.6	29.0	12.4	88	<0.1	17.2	18.7	770	4.45	4.4	1.1	3.1	33	<0.1	0.1	<0.1	159	0.37	0.040	16
1105854	Soil	2.2	58.9	6.1	117	<0.1	42.8	17.3	584	4.37	1.7	2.0	6.3	31	0.2	<0.1	<0.1	147	0.42	0.087	23
1105852	Soil	1.0	45.5	7.2	68	<0.1	32.9	12.8	459	3.30	6.0	2.9	5.6	37	<0.1	0.4	<0.1	92	0.39	0.066	20
1105850	Soil	3.4	149.5	7.1	160	0.2	97.8	22.4	673	5.64	7.5	2.5	7.9	20	0.2	0.2	<0.1	155	0.37	0.118	10
1105851	Soil	2.9	80.8	22.0	140	<0.1	135.8	20.7	905	4.91	17.0	6.9	7.2	34	0.3	0.4	0.2	113	0.26	0.057	27
1105848	Soil	2.0	75.3	4.7	121	<0.1	77.3	20.4	468	4.30	1.3	3.3	9.0	16	0.1	<0.1	0.1	119	0.45	0.139	16
1105849	Soil	2.7	81.5	10.0	103	0.2	45.2	10.9	367	3.50	4.6	3.3	7.3	13	0.2	0.3	0.2	84	0.17	0.070	12
1105846	Soil	2.7	57.4	9.3	112	0.2	44.4	14.1	434	3.65	4.4	4.1	6.1	43	0.3	0.2	0.2	104	0.51	0.118	23
1105847	Soil	8.1	97.9	16.5	302	0.3	143.7	26.8	705	4.02	7.1	3.6	4.1	28	1.7	0.6	0.3	82	0.23	0.068	14
1105845	Soil	2.9	91.3	13.5	121	0.1	89.3	27.5	771	4.80	7.9	51.0	5.0	45	0.3	0.3	0.1	132	0.59	0.093	13

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1139736	Soil	24	0.54	210	0.067	1	1.12	0.019	0.09	0.2	0.03	2.8	<0.1	<0.05	4	0.6	<0.2
1139737	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1128743	Soil	21	0.54	132	0.081	2	1.49	0.010	0.07	0.2	0.05	2.4	0.1	<0.05	5	<0.5	<0.2
1128536	Soil	22	0.52	131	0.081	1	1.38	0.011	0.06	0.3	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
1128741	Soil	22	0.52	131	0.084	<1	1.48	0.010	0.08	0.2	0.03	2.3	0.1	<0.05	4	<0.5	<0.2
1109246	Soil	15	0.91	139	0.156	<1	1.76	0.010	0.64	0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1128744	Soil	19	0.57	118	0.089	1	1.43	0.010	0.08	0.2	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
1128537	Soil	23	0.69	209	0.106	1	1.48	0.018	0.24	0.2	0.04	3.8	0.1	<0.05	5	0.6	<0.2
1128740	Soil	20	0.45	129	0.068	<1	1.29	0.012	0.06	0.1	0.05	2.4	0.1	<0.05	4	0.6	<0.2
1128742	Soil	21	0.51	118	0.072	<1	1.52	0.012	0.06	0.2	0.03	2.3	0.1	<0.05	5	0.5	<0.2
1105866	Soil	33	0.79	228	0.083	<1	1.82	0.014	0.19	<0.1	0.02	4.2	0.1	<0.05	6	0.7	<0.2
1105868	Soil	35	0.63	259	0.060	<1	1.62	0.012	0.07	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1105867	Soil	36	0.66	262	0.066	<1	1.66	0.013	0.07	0.1	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1109245	Soil	17	0.92	120	0.174	<1	1.93	0.016	0.55	0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1105862	Soil	37	0.50	237	0.056	2	1.39	0.014	0.07	0.2	0.06	4.6	<0.1	<0.05	5	0.8	<0.2
1105860	Soil	74	1.15	401	0.042	<1	2.49	0.013	0.23	<0.1	0.01	7.7	0.1	<0.05	10	0.7	<0.2
1105864	Soil	33	0.64	280	0.107	<1	1.78	0.011	0.34	<0.1	0.03	5.0	0.3	<0.05	6	<0.5	<0.2
1105865	Soil	32	0.56	237	0.077	<1	1.65	0.016	0.06	0.1	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1105863	Soil	28	0.57	207	0.072	<1	1.63	0.014	0.06	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1105861	Soil	54	1.20	508	0.153	<1	2.24	0.013	0.80	<0.1	<0.01	6.3	0.6	<0.05	9	0.7	<0.2
1105853	Soil	19	1.78	445	0.121	<1	3.43	0.033	0.56	<0.1	<0.01	11.5	0.4	<0.05	10	<0.5	<0.2
1105854	Soil	51	1.56	713	0.180	<1	2.96	0.024	0.99	<0.1	<0.01	8.6	0.5	<0.05	10	1.2	<0.2
1105852	Soil	54	0.94	381	0.122	<1	1.93	0.018	0.26	0.1	0.02	5.5	0.2	<0.05	6	<0.5	<0.2
1105850	Soil	117	1.64	432	0.100	<1	3.29	0.007	0.62	<0.1	<0.01	7.5	0.3	<0.05	12	1.0	<0.2
1105851	Soil	115	0.71	496	0.076	1	1.59	0.011	0.22	<0.1	0.04	10.6	0.2	<0.05	7	1.3	<0.2
1105848	Soil	80	1.46	601	0.156	<1	2.64	0.011	1.05	<0.1	<0.01	7.8	0.4	<0.05	11	<0.5	<0.2
1105849	Soil	47	0.60	245	0.080	<1	1.70	0.008	0.37	<0.1	0.02	3.6	0.2	<0.05	5	0.7	<0.2
1105846	Soil	76	1.00	716	0.124	<1	2.08	0.019	0.48	0.1	0.03	5.8	0.2	0.06	8	1.2	<0.2
1105847	Soil	75	0.47	450	0.047	<1	1.26	0.008	0.14	0.1	0.06	3.9	0.2	<0.05	5	2.3	<0.2
1105845	Soil	120	1.27	685	0.097	<1	2.37	0.013	0.38	<0.1	0.01	9.2	0.2	<0.05	9	<0.5	<0.2

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Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1105843	Soil	1.1	20.9	11.3	60	<0.1	19.7	9.6	364	2.60	5.3	3.6	5.9	23	0.1	0.3	0.3	52	0.34	0.057	16
1105842	Soil	0.9	23.7	19.8	71	0.2	15.2	9.1	335	2.56	7.5	13.4	7.8	23	0.3	0.4	0.5	45	0.33	0.057	20
1105844	Soil	1.3	26.1	13.1	72	0.2	22.9	12.5	508	3.36	5.3	5.0	6.8	32	0.1	0.2	0.2	67	0.53	0.074	25
1105841	Soil	0.9	23.6	10.9	57	0.2	22.5	9.8	314	2.47	4.6	3.5	5.4	29	0.2	0.3	0.2	49	0.40	0.051	22
1105869	Soil	0.7	29.5	7.5	61	0.2	62.5	13.2	349	2.69	5.1	4.1	5.3	36	0.1	0.3	0.2	51	0.52	0.058	18
1105875	Soil	0.9	23.0	16.5	66	0.3	20.3	9.1	366	2.57	6.5	7.1	6.8	28	0.2	0.4	0.6	48	0.36	0.043	20
1105874	Soil	0.9	18.4	17.5	69	0.2	16.5	9.0	361	2.41	7.6	4.5	7.3	21	0.2	0.3	0.7	44	0.29	0.045	19
1105872	Soil	1.2	20.4	18.5	73	0.3	17.0	8.9	273	2.42	7.1	9.2	6.8	28	0.3	0.3	0.8	42	0.41	0.060	22
1105873	Soil	1.2	13.5	6.1	65	<0.1	13.7	14.6	512	3.40	3.8	1.0	4.0	28	<0.1	0.1	0.1	68	0.44	0.032	9
1105943	Soil	0.9	21.9	9.4	54	<0.1	16.8	8.6	346	2.33	6.8	7.4	7.1	25	0.1	0.4	0.2	45	0.36	0.054	19
1105871	Soil	0.8	21.4	6.1	88	<0.1	18.9	16.3	701	4.34	3.0	3.1	6.3	34	<0.1	0.2	0.1	77	0.67	0.112	18
1105870	Soil	1.2	20.6	14.6	68	0.3	21.3	11.1	444	2.68	6.6	12.3	7.0	30	0.3	0.3	0.4	49	0.43	0.052	23
1128954	Soil	1.3	26.4	39.8	59	0.2	15.6	9.0	343	2.62	6.5	3.5	10.3	25	<0.1	0.4	0.5	46	0.80	0.050	32
1128950	Soil	1.1	26.7	15.8	53	0.2	15.5	10.1	378	2.52	7.9	3.3	11.0	28	<0.1	0.4	0.2	36	0.52	0.110	27
1128957	Soil	1.2	17.2	9.3	47	<0.1	18.1	8.9	248	2.43	6.7	1.4	6.8	22	<0.1	0.5	0.2	45	0.28	0.019	16
1128958	Soil	0.8	28.2	9.3	47	<0.1	21.4	8.0	307	2.40	8.7	3.9	4.7	26	<0.1	0.6	0.2	46	0.35	0.042	16
1128959	Soil	1.8	14.6	10.9	60	<0.1	17.3	10.0	557	2.93	12.0	1.6	7.3	23	0.1	0.5	0.3	50	0.31	0.027	12
1128953	Soil	0.8	30.4	16.6	69	<0.1	23.6	12.4	540	3.12	6.3	4.6	5.5	24	<0.1	0.4	0.2	62	0.58	0.053	19
1128952	Soil	0.6	31.2	24.3	69	0.2	17.7	15.1	489	2.88	5.8	2.4	3.4	28	<0.1	0.3	0.2	62	0.60	0.060	12
1128956	Soil	0.9	15.5	9.7	49	<0.1	17.4	9.2	248	2.61	5.3	4.4	3.9	20	<0.1	0.4	0.1	54	0.39	0.017	10
1128955	Soil	1.4	32.8	16.3	57	<0.1	25.1	11.4	451	3.27	7.9	4.0	9.4	26	<0.1	0.6	0.2	60	0.43	0.026	29
1128951	Soil	0.6	20.4	18.0	47	0.2	14.3	7.6	315	2.12	6.4	8.7	4.6	28	<0.1	0.3	0.2	40	0.41	0.047	18
1128962	Soil	0.8	31.2	8.2	75	0.1	26.9	9.9	342	2.41	9.3	5.6	3.3	42	0.4	0.7	0.2	48	0.86	0.086	12
1128961	Soil	0.9	22.4	13.7	57	0.1	18.3	8.1	254	2.23	11.6	3.7	1.8	29	0.2	0.5	0.2	45	0.42	0.067	13
1128963	Soil	1.2	29.4	10.3	60	0.1	22.3	10.6	417	2.77	10.1	5.4	7.7	43	0.2	0.6	0.3	47	0.64	0.053	25
1128965	Soil	1.2	28.2	8.7	59	0.2	18.4	9.7	449	2.81	5.7	2.8	8.4	42	0.1	0.4	0.2	51	0.58	0.054	32
1128966	Soil	1.7	13.4	6.8	69	<0.1	9.1	6.3	378	3.10	3.8	3.2	11.6	20	<0.1	0.3	0.2	35	0.22	0.025	34
1128968	Soil	0.9	29.0	9.7	51	<0.1	23.2	9.0	307	2.60	9.5	3.3	7.5	23	<0.1	0.7	0.2	48	0.29	0.026	26
1128949	Soil	0.5	17.8	147.0	70	0.2	8.1	9.0	504	2.86	3.8	7.7	11.8	22	<0.1	0.3	0.8	31	0.38	0.056	34
1128964	Soil	1.3	25.5	10.3	68	0.1	18.7	8.1	491	2.63	6.1	2.8	11.2	40	0.3	0.5	0.2	37	0.62	0.042	38

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Project: JPR
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CERTIFICATE OF ANALYSIS DAW11000535.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	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	0.2
1105843	Soil		34	0.57	229	0.082	<1	1.56	0.014	0.10	0.1	0.02	3.6	0.1	<0.05	5	<0.5	<0.2
1105842	Soil		26	0.51	198	0.100	<1	1.56	0.013	0.07	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1105844	Soil		37	0.75	265	0.079	<1	2.09	0.016	0.15	0.1	0.06	5.5	0.1	<0.05	6	0.5	<0.2
1105841	Soil		33	0.60	276	0.063	<1	1.58	0.014	0.06	0.1	0.04	3.9	<0.1	<0.05	5	0.6	<0.2
1105869	Soil		83	0.93	258	0.072	<1	1.84	0.022	0.06	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1105875	Soil		30	0.59	267	0.074	<1	1.63	0.014	0.07	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1105874	Soil		25	0.50	240	0.079	<1	1.48	0.012	0.07	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1105872	Soil		25	0.53	230	0.071	<1	1.54	0.014	0.09	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1105873	Soil		29	1.01	244	0.124	<1	1.92	0.015	0.38	<0.1	0.01	3.2	0.1	<0.05	6	0.5	<0.2
1105943	Soil		26	0.52	227	0.079	<1	1.31	0.018	0.08	0.2	0.03	3.6	0.1	<0.05	4	<0.5	<0.2
1105871	Soil		34	1.32	376	0.101	<1	2.80	0.017	0.40	<0.1	0.01	5.1	0.2	<0.05	8	<0.5	<0.2
1105870	Soil		32	0.61	274	0.074	<1	1.71	0.016	0.09	0.2	0.04	3.9	0.1	<0.05	5	<0.5	<0.2
1128954	Soil		24	0.61	174	0.070	2	1.66	0.010	0.21	0.1	0.03	3.9	0.2	0.05	5	0.7	<0.2
1128950	Soil		20	0.59	225	0.062	1	1.41	0.012	0.22	<0.1	0.03	3.2	0.3	<0.05	4	<0.5	<0.2
1128957	Soil		27	0.45	185	0.075	<1	1.61	0.011	0.08	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1128958	Soil		30	0.52	254	0.068	2	1.34	0.021	0.06	0.1	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1128959	Soil		31	0.48	318	0.076	2	1.79	0.010	0.18	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1128953	Soil		40	0.94	244	0.112	1	1.87	0.013	0.31	0.1	0.03	5.4	0.2	<0.05	6	<0.5	<0.2
1128952	Soil		20	1.16	258	0.121	1	1.90	0.022	0.31	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1128956	Soil		31	0.58	225	0.069	<1	1.66	0.013	0.07	0.1	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1128955	Soil		43	0.72	261	0.086	1	2.19	0.013	0.13	0.1	0.03	6.1	0.1	<0.05	6	0.6	<0.2
1128951	Soil		22	0.47	243	0.060	<1	1.28	0.016	0.06	0.2	0.03	3.1	<0.1	<0.05	4	<0.5	<0.2
1128962	Soil		26	0.69	338	0.069	2	1.14	0.026	0.10	0.2	0.03	3.2	<0.1	<0.05	4	0.7	<0.2
1128961	Soil		24	0.44	265	0.052	2	1.36	0.015	0.04	0.2	0.05	2.6	<0.1	<0.05	4	0.8	<0.2
1128963	Soil		26	0.49	274	0.066	1	1.52	0.021	0.08	0.2	0.04	4.1	<0.1	<0.05	5	0.7	<0.2
1128965	Soil		24	0.54	353	0.081	2	1.76	0.021	0.18	0.1	0.03	4.8	0.1	<0.05	5	<0.5	<0.2
1128966	Soil		13	0.45	164	0.086	<1	1.50	0.009	0.44	<0.1	0.02	3.9	0.3	<0.05	6	<0.5	<0.2
1128968	Soil		30	0.51	192	0.078	<1	1.45	0.015	0.11	0.1	0.04	5.0	<0.1	<0.05	4	<0.5	<0.2
1128949	Soil		11	0.72	163	0.099	<1	1.83	0.009	0.39	<0.1	0.02	4.0	0.3	<0.05	5	<0.5	<0.2
1128964	Soil		21	0.45	268	0.064	<1	1.75	0.015	0.19	0.1	0.03	4.4	0.1	<0.05	6	0.7	<0.2

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1128967	Soil	1.5	13.3	10.7	61	0.2	11.8	7.2	407	2.67	4.9	1.3	9.4	22	<0.1	0.4	0.3	36	0.29	0.037	23
1128960	Soil	0.3	15.6	22.6	53	0.1	13.2	6.1	177	1.67	3.2	2.2	3.9	26	0.2	0.3	0.2	34	0.80	0.073	16
1108434	Soil	6.8	56.3	12.1	91	<0.1	8.1	9.1	548	4.34	7.4	28.3	13.2	9	0.2	0.5	0.2	54	0.08	0.059	12
1108436	Soil	0.9	22.3	7.8	52	<0.1	13.9	8.4	335	2.50	5.8	5.8	11.5	17	<0.1	0.4	0.1	42	0.17	0.016	34
1108437	Soil	1.4	30.5	11.0	66	<0.1	21.2	9.4	406	2.87	7.4	8.3	10.0	23	<0.1	0.6	0.2	54	0.34	0.037	36
1108438	Soil	1.2	32.5	10.9	69	<0.1	22.1	10.0	501	2.96	7.3	9.1	10.5	24	<0.1	0.6	0.2	56	0.36	0.038	38
1108431	Soil	3.4	63.4	7.3	82	<0.1	11.2	11.8	791	4.15	5.2	10.9	14.1	22	<0.1	0.3	0.3	66	0.27	0.043	17
1108439	Soil	14.5	75.4	9.3	83	0.8	19.3	12.4	1173	3.70	13.5	140.2	17.0	17	0.2	0.4	0.3	61	0.34	0.042	147
1108433	Soil	1.3	22.6	8.5	48	0.2	13.3	8.0	285	2.37	9.5	9.7	7.9	19	<0.1	0.4	0.1	42	0.22	0.032	18
1108435	Soil	1.3	23.5	9.1	50	<0.1	14.5	7.1	301	2.49	6.7	5.0	9.2	16	<0.1	0.4	0.1	44	0.18	0.023	20
1108430	Soil	7.8	111.2	4.8	94	0.2	13.2	15.2	1259	5.29	4.0	95.7	25.6	23	<0.1	0.2	0.1	98	0.39	0.072	104
1108432	Soil	3.2	50.6	5.2	73	0.4	10.3	9.6	826	3.53	2.5	8.1	16.4	22	<0.1	0.2	<0.1	55	0.47	0.049	57
1108429	Soil	3.6	22.7	9.0	50	0.4	16.5	8.3	358	2.80	8.3	5.3	10.3	17	<0.1	0.4	0.1	53	0.19	0.028	20
1108428	Soil	5.2	37.3	4.6	81	<0.1	6.3	9.1	825	3.30	1.9	3.8	21.8	21	<0.1	0.2	<0.1	43	0.33	0.060	77
1108449	Soil	2.3	20.8	5.7	71	<0.1	10.7	9.4	522	3.04	4.5	1.6	11.8	17	<0.1	0.2	0.1	53	0.23	0.057	32
1108448	Soil	2.4	14.8	8.2	55	<0.1	12.4	7.2	313	2.78	6.7	2.4	5.4	20	<0.1	0.3	0.1	59	0.23	0.041	22
1108450	Soil	3.4	33.4	7.8	61	0.3	10.4	7.4	374	2.68	3.3	5.2	7.2	23	0.2	0.2	0.2	46	0.24	0.065	50
1108451	Soil	3.5	33.4	7.8	61	0.4	9.8	7.7	382	2.72	3.3	8.7	7.1	23	0.2	0.2	0.2	47	0.25	0.067	50
1108444	Soil	1.2	27.0	9.2	55	<0.1	21.8	10.8	303	2.92	8.8	4.6	8.1	18	<0.1	0.4	0.2	68	0.21	0.026	23
1108445	Soil	2.3	54.8	5.4	92	<0.1	15.2	15.3	784	4.42	5.2	1.7	10.9	14	<0.1	0.3	<0.1	78	0.16	0.031	10
1108446	Soil	1.6	39.5	4.6	85	<0.1	8.8	11.8	677	3.81	3.1	1.5	20.8	17	<0.1	0.2	<0.1	61	0.24	0.050	59
1108447	Soil	1.3	26.0	7.0	61	<0.1	15.9	10.5	405	3.10	5.8	1.4	8.1	17	<0.1	0.3	0.1	63	0.18	0.023	22
1108441	Soil	1.0	10.4	7.0	67	<0.1	12.0	19.9	799	3.99	5.5	1.3	7.4	16	<0.1	0.3	<0.1	79	0.28	0.058	8
1108440	Soil	0.8	27.7	10.1	76	<0.1	21.4	14.0	602	3.61	6.5	7.4	9.7	27	<0.1	0.4	0.2	70	0.44	0.047	25
1108442	Soil	1.2	19.2	10.6	49	0.1	21.6	10.4	234	2.91	9.1	3.8	4.9	15	0.1	0.5	0.1	62	0.16	0.026	14
1108443	Soil	1.6	18.0	8.2	45	<0.1	6.9	6.1	382	2.55	3.4	1.5	4.1	12	0.1	0.2	0.1	64	0.13	0.047	13
1108453	Soil	2.9	22.9	7.9	75	0.1	15.5	10.5	426	3.02	5.8	20.1	7.4	19	0.1	0.3	0.2	67	0.27	0.065	25
1105897	Soil	1.6	43.1	25.3	72	0.4	24.0	12.4	673	3.00	10.0	8.7	8.6	24	<0.1	0.5	0.4	59	0.42	0.046	21
1105899	Soil	1.5	35.4	15.1	71	0.2	23.1	13.6	547	3.50	8.2	5.4	9.6	28	<0.1	0.4	0.2	71	0.56	0.048	29
1108452	Soil	4.1	22.4	7.8	57	<0.1	12.2	7.3	293	2.79	5.0	6.1	5.7	15	<0.1	0.2	0.3	70	0.18	0.029	20

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Project: JPR
Report Date: December 08, 2011

CERTIFICATE OF ANALYSIS DAW11000535.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
1128967	Soil	20	0.35	207	0.046	<1	1.55	0.008	0.17	0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1128960	Soil	18	0.47	161	0.056	1	1.13	0.014	0.07	0.2	0.03	2.5	<0.1	<0.05	3	0.6	<0.2
1108434	Soil	16	0.60	132	0.039	<1	2.55	0.006	0.24	0.5	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1108436	Soil	24	0.49	199	0.053	<1	1.80	0.010	0.07	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1108437	Soil	34	0.61	261	0.074	<1	1.91	0.014	0.09	0.2	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
1108438	Soil	34	0.68	271	0.088	<1	1.94	0.013	0.12	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1108431	Soil	20	1.09	209	0.141	<1	2.44	0.009	0.70	<0.1	0.02	6.1	0.4	<0.05	9	<0.5	<0.2
1108439	Soil	45	1.06	237	0.073	<1	1.82	0.012	0.31	0.2	0.03	7.2	0.3	<0.05	8	0.6	<0.2
1108433	Soil	23	0.44	169	0.045	1	1.51	0.010	0.06	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
1108435	Soil	22	0.48	182	0.054	<1	1.67	0.016	0.10	0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1108430	Soil	25	1.58	294	0.229	<1	2.94	0.010	1.03	0.1	0.01	11.7	0.4	<0.05	11	<0.5	<0.2
1108432	Soil	20	1.18	169	0.097	<1	2.24	0.006	0.51	<0.1	0.02	4.4	0.3	<0.05	8	<0.5	<0.2
1108429	Soil	25	0.52	179	0.081	<1	1.80	0.010	0.11	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1108428	Soil	8	0.86	180	0.139	<1	1.96	0.007	0.78	<0.1	0.01	4.7	0.5	<0.05	6	<0.5	<0.2
1108449	Soil	17	0.69	138	0.137	<1	1.86	0.010	0.41	0.1	0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1108448	Soil	20	0.54	141	0.117	1	1.71	0.009	0.20	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1108450	Soil	17	0.62	182	0.095	2	1.84	0.011	0.30	0.1	0.05	4.9	0.1	<0.05	7	<0.5	<0.2
1108451	Soil	17	0.64	188	0.098	<1	1.84	0.011	0.31	<0.1	0.05	5.2	0.1	<0.05	7	<0.5	<0.2
1108444	Soil	35	0.55	246	0.087	2	2.31	0.017	0.09	0.2	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1108445	Soil	21	1.07	181	0.195	1	2.87	0.011	0.91	0.1	0.01	5.1	0.5	<0.05	9	<0.5	<0.2
1108446	Soil	14	0.85	185	0.151	2	2.15	0.011	0.87	<0.1	<0.01	3.7	0.4	<0.05	8	<0.5	<0.2
1108447	Soil	26	0.62	163	0.111	2	2.01	0.011	0.26	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1108441	Soil	23	1.16	163	0.173	1	2.69	0.016	0.70	0.1	0.01	2.2	0.3	<0.05	8	0.6	<0.2
1108440	Soil	32	0.92	263	0.117	2	2.29	0.013	0.19	0.2	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1108442	Soil	32	0.51	189	0.075	1	2.12	0.014	0.06	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1108443	Soil	15	0.45	99	0.116	1	1.75	0.008	0.25	<0.1	0.02	1.9	0.2	<0.05	7	0.5	<0.2
1108453	Soil	27	0.68	163	0.117	2	1.88	0.014	0.22	0.2	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1105897	Soil	27	0.70	247	0.070	2	1.60	0.022	0.13	0.2	0.04	4.6	0.1	<0.05	5	0.6	<0.2
1105899	Soil	35	0.87	240	0.084	1	2.09	0.022	0.14	0.1	0.03	5.2	0.1	<0.05	7	<0.5	<0.2
1108452	Soil	24	0.59	116	0.128	2	1.79	0.012	0.14	0.2	0.03	3.0	0.1	<0.05	7	<0.5	<0.2

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Project: JPR
Report Date: December 08, 2011

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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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
1105890	Soil	3.8	24.1	16.0	67	0.2	16.9	9.9	391	2.85	14.7	4.9	11.3	20	<0.1	0.5	0.2	48	0.25	0.047	24
1105889	Soil	2.0	24.2	11.7	61	<0.1	15.8	8.0	261	2.64	6.2	3.5	14.9	20	<0.1	0.4	0.2	45	0.23	0.023	41
1105888	Soil	4.2	18.9	12.8	57	<0.1	8.7	9.7	378	2.46	4.7	2.1	25.3	13	<0.1	0.3	0.1	25	0.14	0.038	42
1105898	Soil	1.6	50.0	25.4	83	0.3	24.1	16.9	658	3.82	7.4	7.4	12.9	25	<0.1	0.5	0.3	72	0.51	0.043	34
1058955	Soil	1.1	35.4	9.1	62	0.2	35.3	16.1	468	3.51	8.2	4.0	4.8	18	<0.1	0.4	0.1	80	0.22	0.026	16
1061888	Soil	1.1	27.3	61.1	205	0.2	25.0	16.4	720	3.22	10.0	9.9	5.8	16	0.5	0.3	1.3	54	0.20	0.043	21
1061889	Soil	1.8	19.1	36.9	100	0.7	11.2	6.0	288	3.25	9.4	40.1	3.2	12	0.4	0.4	3.0	78	0.11	0.032	10
1058954	Soil	0.3	58.1	3.9	87	<0.1	13.0	24.0	1019	5.48	<0.5	1.4	2.1	13	0.2	<0.1	<0.1	181	0.37	0.099	14
1058960	Soil	1.4	26.3	16.5	72	<0.1	21.8	12.5	494	3.45	7.6	4.3	7.4	18	<0.1	0.5	0.2	67	0.18	0.026	25
1058961	Soil	1.3	24.9	14.2	64	0.2	27.1	12.6	465	3.19	8.2	3.7	7.1	22	0.1	0.5	0.2	69	0.21	0.032	19
1058959	Soil	1.3	26.4	12.0	58	<0.1	18.9	10.9	431	3.00	6.6	6.6	8.3	18	0.1	0.4	0.2	54	0.21	0.045	31
1058958	Soil	1.1	25.0	79.9	94	0.1	19.3	10.9	477	2.83	6.2	11.5	9.9	14	0.3	0.4	0.2	52	0.17	0.027	33
1058956	Soil	1.2	20.3	21.9	67	<0.1	16.6	11.0	482	2.76	4.2	30.6	13.8	13	0.2	0.3	0.1	47	0.19	0.050	27
1058953	Soil	1.2	34.8	8.2	70	0.3	14.2	17.1	1096	3.73	5.0	1.9	2.1	12	0.1	0.3	0.1	72	0.18	0.072	10
1058957	Soil	1.1	22.7	18.5	81	<0.1	15.2	12.7	596	3.28	2.1	4.6	7.4	18	0.2	0.2	0.3	50	0.24	0.040	24
1058962	Soil	0.9	22.1	5.9	69	<0.1	76.7	20.9	529	3.83	5.3	3.7	1.6	15	<0.1	0.3	<0.1	91	0.29	0.041	5
1061893	Soil	0.9	29.8	17.4	64	<0.1	23.4	10.4	405	2.88	10.2	10.1	7.8	22	0.1	0.4	0.5	59	0.25	0.020	31
1061890	Soil	0.9	26.7	12.4	68	0.2	26.5	11.7	444	3.03	6.2	19.5	6.3	20	0.1	0.4	0.4	63	0.25	0.029	28
1061891	Soil	0.8	24.2	21.8	70	<0.1	20.5	9.2	299	2.58	6.9	2.8	4.7	19	0.1	0.4	0.8	55	0.25	0.039	19
1061892	Soil	1.6	27.3	44.2	97	0.6	20.5	10.5	558	3.34	17.9	10.3	6.3	18	0.6	0.3	1.5	64	0.23	0.100	35

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	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	0.2
1105890	Soil		25	0.50	140	0.064	1	1.56	0.017	0.12	0.1	0.02	2.8	0.1	<0.05	5	0.6	<0.2
1105889	Soil		25	0.49	177	0.077	<1	1.54	0.018	0.14	0.1	0.03	4.1	0.2	<0.05	5	<0.5	<0.2
1105888	Soil		12	0.42	144	0.025	<1	1.70	0.007	0.15	<0.1	0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1105898	Soil		36	1.02	219	0.071	1	2.10	0.019	0.17	0.1	0.04	5.6	0.2	<0.05	6	0.6	<0.2
1058955	Soil		56	0.82	225	0.111	2	2.50	0.016	0.09	0.2	0.04	6.1	0.2	<0.05	6	<0.5	<0.2
1061888	Soil		34	0.75	162	0.107	1	2.04	0.012	0.29	0.1	0.04	3.4	0.4	<0.05	5	<0.5	0.2
1061889	Soil		25	0.41	105	0.071	<1	1.73	0.007	0.13	0.1	0.02	2.0	0.2	<0.05	8	<0.5	<0.2
1058954	Soil		15	2.02	355	0.269	<1	3.15	0.013	1.12	<0.1	0.01	9.5	0.7	<0.05	11	0.5	<0.2
1058960	Soil		32	0.67	273	0.098	2	2.30	0.015	0.15	0.1	0.04	5.7	0.2	<0.05	6	0.7	<0.2
1058961	Soil		47	0.62	298	0.087	2	2.10	0.021	0.09	0.2	0.03	6.3	0.2	<0.05	6	<0.5	<0.2
1058959	Soil		28	0.58	232	0.069	2	1.89	0.014	0.12	0.1	0.03	5.1	0.2	<0.05	5	<0.5	<0.2
1058958	Soil		30	0.51	190	0.058	<1	2.01	0.011	0.11	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
1058956	Soil		23	0.44	167	0.069	1	1.49	0.012	0.19	0.1	0.03	4.1	0.2	<0.05	4	<0.5	<0.2
1058953	Soil		23	0.77	183	0.066	<1	2.29	0.010	0.16	0.1	0.03	4.4	0.2	<0.05	8	0.7	<0.2
1058957	Soil		21	0.88	470	0.126	1	2.01	0.012	0.30	<0.1	0.01	3.1	0.3	<0.05	6	0.9	<0.2
1058962	Soil		167	1.20	107	0.185	<1	2.23	0.016	0.21	0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1061893	Soil		35	0.63	248	0.085	1	1.93	0.012	0.08	0.2	0.04	5.3	0.1	<0.05	5	<0.5	<0.2
1061890	Soil		43	0.74	189	0.107	2	1.91	0.011	0.15	0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1061891	Soil		32	0.59	188	0.086	2	1.71	0.012	0.10	0.1	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1061892	Soil		35	0.61	245	0.082	1	2.22	0.014	0.15	0.2	0.03	4.6	0.2	<0.05	8	<0.5	<0.2

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Report Date: December 08, 2011

QUALITY CONTROL REPORT DAW11000535.1

	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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	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	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
1139839	Soil	0.7	30.9	10.5	58	0.1	27.2	10.5	484	2.66	10.2	6.6	3.0	42	0.2	0.6	0.2	58	1.42	0.043	15
REP 1139839	QC	0.7	30.2	10.5	57	0.1	27.7	10.6	486	2.72	10.4	5.1	3.0	42	0.1	0.6	0.2	58	1.43	0.044	15
1139958	Soil	0.7	25.1	37.4	58	0.2	20.7	9.4	532	2.35	11.0	3.0	3.0	42	0.4	0.5	0.4	45	1.87	0.051	19
REP 1139958	QC	0.6	24.7	36.8	57	0.2	19.3	9.0	512	2.26	10.7	3.0	2.8	41	0.4	0.5	0.4	44	1.83	0.050	18
1106720	Soil	3.2	34.8	11.0	82	0.3	12.6	10.1	517	3.28	4.2	2.1	6.6	17	0.1	0.2	0.9	71	0.21	0.041	22
REP 1106720	QC	3.3	36.6	10.7	85	0.3	12.9	10.4	522	3.33	4.5	3.2	6.5	18	0.2	0.2	0.9	72	0.21	0.039	21
1106734	Soil	1.0	23.6	8.0	66	0.1	22.3	10.6	481	2.43	7.6	6.3	3.6	34	0.2	0.5	0.1	52	0.61	0.069	13
REP 1106734	QC	1.0	22.6	7.6	64	0.1	22.2	10.1	472	2.34	7.1	2.1	3.4	32	0.2	0.4	0.1	49	0.59	0.066	12
1111611	Soil	0.9	33.4	10.4	86	0.2	24.3	11.4	376	2.83	10.2	4.0	4.1	34	0.3	0.6	0.2	56	0.56	0.083	16
REP 1111611	QC	0.9	33.4	10.7	85	0.2	24.6	11.3	386	2.82	10.2	7.0	4.2	34	0.5	0.6	0.2	56	0.55	0.082	16
1111615	Soil	1.0	14.8	9.3	54	0.1	13.0	8.8	291	2.23	7.9	4.9	2.7	20	0.1	0.3	0.1	49	0.27	0.053	13
REP 1111615	QC	0.8	14.9	9.2	56	0.1	12.7	8.8	293	2.25	8.1	6.5	2.7	20	0.1	0.4	0.2	50	0.27	0.053	13
1062313	Soil	4.0	16.9	50.9	44	1.2	4.4	5.2	248	3.44	11.5	34.1	23.0	46	0.1	0.3	0.6	11	0.12	0.043	33
REP 1062313	QC	4.0	16.0	46.4	43	1.2	4.3	5.0	235	3.21	10.1	24.4	21.5	43	<0.1	0.3	0.6	10	0.12	0.039	32
1109332	Soil	1.0	23.1	9.9	64	0.3	14.0	7.8	277	2.45	5.7	15.9	5.8	21	0.1	0.4	0.2	50	0.25	0.058	25
REP 1109332	QC	0.9	22.3	9.5	65	0.3	13.0	7.3	264	2.34	4.7	6.5	5.5	22	0.1	0.3	0.1	47	0.24	0.055	24
1109339	Soil	0.9	21.8	6.5	60	<0.1	9.5	7.0	364	2.46	3.0	3.5	11.4	20	0.1	0.2	0.2	50	0.27	0.046	32
REP 1109339	QC	1.0	21.8	6.5	62	<0.1	10.0	7.3	373	2.53	3.4	4.1	11.8	19	<0.1	0.3	0.2	52	0.27	0.046	33
1062302	Soil	0.9	24.4	17.8	76	0.1	18.2	9.4	369	2.67	7.7	2.7	7.3	24	0.2	0.4	0.6	47	0.37	0.059	21
REP 1062302	QC	0.9	23.4	18.2	76	0.1	17.9	9.4	360	2.62	7.6	3.8	7.3	25	0.2	0.5	0.6	48	0.38	0.058	21
1109244	Soil	9.9	22.5	7.3	72	0.1	11.7	13.2	611	3.40	4.5	2.8	10.4	25	<0.1	0.2	0.1	76	0.30	0.062	69
REP 1109244	QC	10.0	22.3	7.3	73	0.1	12.3	13.2	632	3.47	4.7	1.8	10.5	25	<0.1	0.2	0.1	79	0.29	0.063	69
1109235	Soil	1.3	19.6	11.1	55	<0.1	17.2	11.5	627	3.08	5.1	10.8	14.3	23	<0.1	0.5	<0.1	52	0.33	0.038	23
REP 1109235	QC	1.4	19.7	10.9	58	<0.1	17.1	11.4	652	3.12	5.0	12.1	14.5	23	<0.1	0.5	<0.1	54	0.35	0.036	23
1128742	Soil	1.1	13.2	8.9	61	0.1	11.4	7.2	245	2.31	6.0	6.5	2.0	17	0.1	0.4	0.1	51	0.20	0.055	10
REP 1128742	QC	1.0	13.3	8.8	60	0.1	11.2	7.1	234	2.29	5.7	2.4	2.0	17	<0.1	0.3	0.2	51	0.19	0.054	10
1105849	Soil	2.7	81.5	10.0	103	0.2	45.2	10.9	367	3.50	4.6	3.3	7.3	13	0.2	0.3	0.2	84	0.17	0.070	12
REP 1105849	QC	2.5	79.8	9.8	102	0.2	44.3	10.7	364	3.42	4.6	2.0	7.2	12	0.2	0.3	0.2	84	0.16	0.066	12

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885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8 Canada

Project: JPR
Report Date: December 08, 2011

QUALITY CONTROL REPORT DAW11000535.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	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	0.2
Pulp Duplicates																	
1139839	Soil	30	0.60	287	0.062	2	1.63	0.027	0.05	0.2	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
REP 1139839	QC	30	0.61	286	0.062	2	1.65	0.029	0.05	0.2	0.05	4.1	<0.1	<0.05	5	<0.5	<0.2
1139958	Soil	24	0.54	192	0.050	2	1.51	0.019	0.06	0.1	0.03	2.7	<0.1	<0.05	4	0.9	<0.2
REP 1139958	QC	23	0.54	186	0.049	2	1.46	0.018	0.06	0.1	0.03	2.7	<0.1	<0.05	4	0.7	<0.2
1106720	Soil	23	0.85	182	0.126	<1	1.95	0.010	0.37	0.2	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
REP 1106720	QC	23	0.87	179	0.131	<1	1.96	0.011	0.37	0.2	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1106734	Soil	27	0.56	250	0.066	2	1.26	0.021	0.08	0.2	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1106734	QC	25	0.56	247	0.060	2	1.23	0.024	0.08	0.2	0.04	2.8	<0.1	<0.05	4	<0.5	<0.2
1111611	Soil	30	0.66	284	0.077	2	1.50	0.021	0.09	0.2	0.12	4.5	<0.1	<0.05	5	<0.5	<0.2
REP 1111611	QC	30	0.68	288	0.077	1	1.54	0.021	0.10	0.2	0.11	4.6	<0.1	<0.05	5	0.5	<0.2
1111615	Soil	23	0.45	162	0.063	1	1.44	0.011	0.05	0.2	0.07	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1111615	QC	23	0.46	160	0.062	<1	1.46	0.011	0.05	0.2	0.08	2.9	<0.1	<0.05	5	<0.5	<0.2
1062313	Soil	6	0.19	189	0.012	<1	0.62	0.053	0.27	<0.1	0.01	1.6	0.1	0.47	2	1.2	0.3
REP 1062313	QC	6	0.18	178	0.010	<1	0.57	0.050	0.26	<0.1	0.01	1.5	<0.1	0.43	2	1.0	0.4
1109332	Soil	25	0.51	163	0.085	1	1.63	0.014	0.08	0.4	0.04	2.8	0.1	<0.05	5	<0.5	<0.2
REP 1109332	QC	24	0.49	163	0.079	<1	1.56	0.013	0.08	0.4	0.04	2.7	<0.1	<0.05	5	<0.5	<0.2
1109339	Soil	19	0.61	151	0.116	2	1.53	0.013	0.26	0.2	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
REP 1109339	QC	18	0.61	152	0.121	2	1.57	0.013	0.26	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1062302	Soil	28	0.59	208	0.098	1	1.36	0.013	0.12	0.2	0.03	3.1	0.1	<0.05	4	<0.5	<0.2
REP 1062302	QC	28	0.58	213	0.101	1	1.38	0.016	0.13	0.1	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1109244	Soil	20	0.97	251	0.165	1	2.24	0.012	0.61	0.1	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
REP 1109244	QC	20	0.99	256	0.173	<1	2.29	0.012	0.63	0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1109235	Soil	27	0.81	218	0.103	<1	1.82	0.014	0.20	0.2	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
REP 1109235	QC	28	0.79	218	0.104	<1	1.83	0.014	0.21	0.2	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1128742	Soil	21	0.51	118	0.072	<1	1.52	0.012	0.06	0.2	0.03	2.3	0.1	<0.05	5	0.5	<0.2
REP 1128742	QC	21	0.49	119	0.068	<1	1.44	0.011	0.05	0.2	0.04	2.2	<0.1	<0.05	5	0.5	<0.2
1105849	Soil	47	0.60	245	0.080	<1	1.70	0.008	0.37	<0.1	0.02	3.6	0.2	<0.05	5	0.7	<0.2
REP 1105849	QC	47	0.58	247	0.081	<1	1.66	0.008	0.36	<0.1	0.01	3.7	0.2	<0.05	6	1.1	<0.2

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QUALITY CONTROL REPORT DAW11000535.1

		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 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	1DX15 La ppm 1
1128958	Soil	0.8	28.2	9.3	47	<0.1	21.4	8.0	307	2.40	8.7	3.9	4.7	26	<0.1	0.6	0.2	46	0.35	0.042	16
REP 1128958	QC	0.8	27.4	9.2	46	<0.1	21.1	7.5	304	2.35	8.7	3.0	4.5	27	<0.1	0.6	0.2	46	0.35	0.040	16
1108438	Soil	1.2	32.5	10.9	69	<0.1	22.1	10.0	501	2.96	7.3	9.1	10.5	24	<0.1	0.6	0.2	56	0.36	0.038	38
REP 1108438	QC	1.2	33.0	11.5	72	<0.1	21.7	10.1	512	3.05	7.6	10.1	10.9	25	<0.1	0.5	0.2	56	0.35	0.040	37
1108446	Soil	1.6	39.5	4.6	85	<0.1	8.8	11.8	677	3.81	3.1	1.5	20.8	17	<0.1	0.2	<0.1	61	0.24	0.050	59
REP 1108446	QC	1.4	38.9	4.6	84	<0.1	8.6	11.2	673	3.74	1.7	1.2	20.1	16	<0.1	0.2	<0.1	59	0.23	0.050	57
1058958	Soil	1.1	25.0	79.9	94	0.1	19.3	10.9	477	2.83	6.2	11.5	9.9	14	0.3	0.4	0.2	52	0.17	0.027	33
REP 1058958	QC	1.2	25.2	78.7	94	<0.1	19.7	11.0	490	2.82	5.9	6.6	10.1	14	0.3	0.4	0.2	51	0.18	0.026	32
Reference Materials																					
STD DS8	Standard	12.4	99.8	126.5	292	1.7	35.0	7.0	583	2.28	23.3	111.8	7.1	73	2.0	5.6	6.8	40	0.67	0.075	16
STD DS8	Standard	12.9	111.8	123.9	321	1.9	37.5	7.6	622	2.49	27.9	115.3	6.6	70	2.7	5.9	6.7	42	0.71	0.083	15
STD DS8	Standard	13.9	112.8	121.7	321	1.9	38.6	7.7	635	2.54	27.6	112.1	7.5	74	2.3	5.8	7.5	43	0.71	0.082	16
STD DS8	Standard	12.6	106.9	130.3	314	1.8	37.2	7.3	609	2.48	25.2	109.5	6.9	76	2.3	6.2	7.0	42	0.69	0.078	15
STD DS8	Standard	13.7	111.7	121.0	305	1.9	39.1	7.8	625	2.45	25.6	118.3	6.6	70	2.2	5.0	6.1	44	0.71	0.078	16
STD DS8	Standard	12.5	101.6	119.7	300	1.8	34.5	6.9	584	2.34	26.1	112.2	6.8	74	2.2	6.0	6.9	38	0.67	0.077	16
STD DS8	Standard	13.5	108.6	128.7	313	1.9	39.8	8.0	629	2.56	26.8	114.9	5.9	68	2.4	4.9	6.3	42	0.69	0.078	14
STD DS8	Standard	12.1	103.6	119.5	290	1.7	35.1	7.1	572	2.32	25.0	123.5	6.4	70	2.1	5.5	6.6	39	0.64	0.074	15
STD DS8	Standard	12.6	102.2	123.1	299	1.8	35.0	7.1	591	2.35	26.0	126.2	7.0	77	2.2	5.9	6.9	40	0.67	0.077	16
STD DS8	Standard	13.8	104.5	122.8	297	1.7	36.3	7.3	604	2.39	25.6	112.7	7.0	82	2.4	6.2	6.2	41	0.72	0.078	18
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: JPR
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QUALITY CONTROL REPORT DAW11000535.1

		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	1DX15 Te ppm 0.2
1128958	Soil	30	0.52	254	0.068	2	1.34	0.021	0.06	0.1	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
REP 1128958	QC	29	0.51	255	0.071	2	1.37	0.019	0.05	0.2	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
1108438	Soil	34	0.68	271	0.088	<1	1.94	0.013	0.12	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
REP 1108438	QC	35	0.70	278	0.088	1	1.96	0.017	0.12	0.2	0.04	5.8	0.1	<0.05	6	<0.5	<0.2
1108446	Soil	14	0.85	185	0.151	2	2.15	0.011	0.87	<0.1	<0.01	3.7	0.4	<0.05	8	<0.5	<0.2
REP 1108446	QC	14	0.82	179	0.145	<1	2.04	0.012	0.84	<0.1	<0.01	3.7	0.4	<0.05	8	<0.5	<0.2
1058958	Soil	30	0.51	190	0.058	<1	2.01	0.011	0.11	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
REP 1058958	QC	29	0.52	188	0.061	1	2.01	0.011	0.11	0.1	0.03	4.0	0.2	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	111	0.57	269	0.126	2	0.91	0.104	0.40	2.9	0.19	2.4	5.1	0.10	5	4.8	4.3
STD DS8	Standard	117	0.64	287	0.122	2	0.97	0.104	0.44	2.9	0.19	2.3	5.4	0.16	5	5.6	5.1
STD DS8	Standard	120	0.63	290	0.124	3	0.98	0.105	0.46	3.1	0.18	2.2	5.5	0.16	5	5.5	5.3
STD DS8	Standard	118	0.59	286	0.127	3	0.93	0.102	0.42	3.0	0.18	2.5	5.5	0.16	5	5.7	4.8
STD DS8	Standard	117	0.60	287	0.111	3	0.99	0.093	0.44	3.0	0.21	2.7	5.6	0.14	5	4.9	5.2
STD DS8	Standard	108	0.58	282	0.121	2	0.89	0.100	0.42	2.9	0.17	3.0	5.5	0.09	5	4.7	4.5
STD DS8	Standard	120	0.63	279	0.121	4	1.00	0.104	0.47	3.1	0.20	2.3	5.7	0.14	5	5.0	5.6
STD DS8	Standard	109	0.57	276	0.111	3	0.91	0.106	0.42	3.0	0.21	2.4	5.3	0.14	5	4.8	4.6
STD DS8	Standard	111	0.58	276	0.119	2	0.92	0.107	0.42	2.9	0.19	3.1	5.5	<0.05	5	5.2	4.9
STD DS8	Standard	112	0.61	277	0.139	2	0.95	0.099	0.42	3.1	0.17	2.4	5.1	0.17	5	4.6	4.9
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2
BLK	Blank	<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	<0.2

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.

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885 W. Georgia Street, Suite 1380
Vancouver BC V6C 3E8 Canada

Project: JPR
Report Date: December 08, 2011

QUALITY CONTROL REPORT DAW11000535.1

		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	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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QUALITY CONTROL REPORT DAW11000535.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		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	0.2
BLK	Blank	<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	<0.2

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