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-Dawson City
Received: October 04, 2011
Report Date: November 28, 2011

CERTIFICATE OF ANALYSIS DAW11000506.1

CLIENT JOB INFORMATION

Project:	JPR
Shipment ID:	JPR2011-06
P.O. Number	NA
Number of Samples:	128

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
Dry at 60C	128	Dry at 60C			DAW
SS80	128	Dry at 60C sieve 100g to -80 mesh			DAW
RJSV	128	Saving all or part of Soil Reject			VAN
1DX2	128	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
1105758	Soil	1.2	11.6	9.5	44	<0.1	12.8	6.1	224	2.53	8.1	2.8	5.2	9	0.1	0.5	0.3	55	0.09	0.022	13
1105751	Soil	1.5	43.3	2.1	102	<0.1	9.3	19.0	1026	5.39	2.3	6.7	10.4	22	<0.1	0.2	0.2	141	0.59	0.125	24
1105942	Soil	1.6	18.5	3.9	94	0.2	8.2	15.6	772	4.04	2.6	68.5	7.6	21	<0.1	0.1	0.3	95	0.55	0.100	17
1105754	Soil	1.8	11.6	6.4	62	<0.1	6.6	7.6	550	2.71	2.8	17.7	15.9	13	0.1	0.2	0.2	36	0.34	0.052	21
1105756	Soil	1.2	16.8	11.0	61	<0.1	20.3	8.2	289	2.90	8.9	5.6	13.8	17	<0.1	0.5	0.2	51	0.23	0.031	25
1105757	Soil	1.6	12.0	8.9	53	<0.1	13.1	11.6	543	3.07	6.6	1.4	8.5	9	0.1	0.4	0.2	42	0.10	0.049	16
1105753	Soil	1.2	32.8	4.8	89	<0.1	12.3	15.0	800	4.17	4.9	17.3	9.6	29	<0.1	0.2	0.1	102	0.56	0.085	22
1105755	Soil	1.5	15.9	7.9	57	<0.1	16.2	11.0	680	3.62	6.9	1.8	5.4	11	0.1	0.4	0.3	43	0.14	0.047	15
1105759	Soil	0.5	53.9	9.2	82	<0.1	31.2	19.9	724	4.05	7.8	<0.5	7.9	226	<0.1	0.2	<0.1	86	0.71	0.062	51
1105761	Soil	1.2	11.8	12.5	81	<0.1	23.5	12.0	519	3.46	7.6	<0.5	6.2	13	0.2	0.3	0.2	60	0.19	0.047	26
1105760	Soil	1.4	16.9	8.8	74	<0.1	22.2	13.1	564	3.64	8.6	1.1	3.9	14	0.1	0.4	0.2	59	0.21	0.046	16
1103701	Soil	1.2	65.5	8.3	195	<0.1	8.3	9.2	559	4.81	5.7	0.8	2.4	6	0.2	0.2	0.1	44	0.07	0.049	10
1103702	Soil	1.8	38.8	9.4	205	<0.1	4.7	11.1	485	4.92	4.0	<0.5	2.3	11	0.1	0.1	<0.1	101	0.12	0.061	11
1103703	Soil	4.9	44.0	116.1	70	0.6	5.2	4.9	249	4.61	9.5	2.8	3.1	13	0.1	0.2	0.7	34	0.08	0.046	11
1103704	Soil	1.7	17.3	9.2	69	<0.1	11.6	7.1	345	3.40	8.2	2.3	2.9	11	0.1	0.3	0.2	57	0.13	0.049	10
1103705	Soil	0.9	27.8	8.5	83	<0.1	10.0	7.2	391	3.48	7.1	0.5	2.8	11	0.1	0.2	0.1	47	0.14	0.037	13
1103706	Soil	0.7	15.8	5.3	75	<0.1	11.1	8.0	431	3.32	5.6	5.1	2.9	11	<0.1	0.2	<0.1	43	0.15	0.026	11
1103707	Soil	1.1	21.6	5.9	97	<0.1	13.7	10.5	513	4.63	6.4	<0.5	2.6	11	<0.1	0.3	<0.1	58	0.18	0.045	12
1103708	Soil	1.0	16.9	6.3	64	<0.1	11.3	7.9	376	3.55	6.0	4.5	3.2	13	<0.1	0.2	0.1	57	0.16	0.027	12
1103709	Soil	0.9	23.0	7.0	55	<0.1	20.3	11.6	316	3.15	9.2	0.8	4.9	15	<0.1	0.4	0.1	70	0.17	0.022	11
1103710	Soil	0.8	24.7	6.9	72	<0.1	19.2	14.2	426	4.15	9.1	0.6	3.7	15	<0.1	0.3	0.1	107	0.19	0.030	8
1103711	Soil	0.7	19.8	6.4	50	<0.1	18.6	10.0	312	2.79	7.7	1.6	3.7	20	<0.1	0.3	<0.1	65	0.21	0.022	11
1103712	Soil	0.6	22.3	5.3	63	<0.1	16.7	12.6	355	3.48	5.1	<0.5	4.5	21	<0.1	0.1	<0.1	82	0.32	0.057	13
1103713	Soil	0.6	28.8	5.5	57	<0.1	23.3	11.9	296	3.26	6.1	0.8	7.0	44	<0.1	0.2	<0.1	71	0.31	0.036	39
1103714	Soil	0.5	34.2	7.6	63	0.1	32.9	15.3	364	3.86	3.4	<0.5	8.4	67	<0.1	<0.1	0.1	77	0.56	0.074	25
1103715	Soil	1.0	46.1	5.5	64	<0.1	72.7	16.2	462	3.53	5.3	4.0	4.5	37	<0.1	0.2	<0.1	89	0.34	0.054	19
1103716	Soil	1.0	49.9	5.1	63	<0.1	63.5	17.4	491	3.79	5.5	0.7	4.0	43	<0.1	0.2	0.1	93	0.44	0.085	17
1103717	Soil	0.7	86.0	2.3	29	<0.1	26.0	11.9	184	2.34	4.0	<0.5	1.2	19	<0.1	<0.1	<0.1	64	0.37	0.046	5
1103718	Soil	0.8	36.9	5.3	46	<0.1	30.9	12.3	330	2.87	6.2	1.1	2.9	25	<0.1	0.2	<0.1	70	0.41	0.054	11
1103719	Soil	0.5	22.2	2.8	30	<0.1	14.9	8.7	194	2.24	5.0	0.6	2.1	38	<0.1	0.1	<0.1	57	0.51	0.094	9

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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
1105758	Soil	26	0.29	134	0.038	2	1.62	0.009	0.05	0.2	0.01	2.0	<0.1	0.05	5	<0.5	<0.2
1105751	Soil	20	1.87	353	0.175	1	2.93	0.015	0.93	0.1	<0.01	9.4	0.3	<0.05	9	<0.5	<0.2
1105942	Soil	16	1.40	255	0.153	<1	2.29	0.009	0.68	0.1	<0.01	5.0	0.4	<0.05	7	<0.5	<0.2
1105754	Soil	9	0.56	158	0.053	1	1.38	0.008	0.35	<0.1	0.01	4.1	0.2	0.07	6	<0.5	<0.2
1105756	Soil	33	0.49	184	0.061	1	1.85	0.012	0.08	0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1105757	Soil	26	0.31	151	0.039	1	1.48	0.009	0.09	0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1105753	Soil	22	1.37	284	0.126	<1	2.38	0.015	0.39	0.1	<0.01	8.3	0.2	0.06	8	<0.5	<0.2
1105755	Soil	26	0.46	163	0.040	<1	2.06	0.009	0.08	0.2	0.02	3.8	<0.1	0.05	6	<0.5	<0.2
1105759	Soil	201	2.14	1093	0.073	<1	2.94	0.022	0.13	<0.1	<0.01	8.7	<0.1	<0.05	9	<0.5	<0.2
1105761	Soil	29	0.55	345	0.047	<1	2.70	0.011	0.08	0.2	0.03	3.7	0.1	0.06	8	<0.5	<0.2
1105760	Soil	31	0.55	273	0.051	1	2.64	0.011	0.06	0.2	0.03	3.6	<0.1	0.06	7	<0.5	<0.2
1103701	Soil	13	0.97	228	0.182	<1	2.30	0.008	0.72	0.1	<0.01	7.1	0.6	0.09	9	<0.5	<0.2
1103702	Soil	11	2.10	538	0.217	<1	3.10	0.032	1.17	<0.1	<0.01	13.0	1.7	0.25	11	<0.5	<0.2
1103703	Soil	12	0.73	301	0.107	<1	1.48	0.040	0.77	<0.1	0.03	3.7	2.6	0.87	6	1.0	<0.2
1103704	Soil	24	0.74	177	0.139	<1	1.86	0.010	0.27	0.1	0.02	3.6	0.5	0.11	8	<0.5	<0.2
1103705	Soil	18	0.98	213	0.154	<1	2.19	0.010	0.44	0.1	0.02	5.1	0.4	0.08	8	<0.5	<0.2
1103706	Soil	24	1.07	259	0.153	<1	2.15	0.009	0.44	0.1	<0.01	5.6	0.3	0.07	8	<0.5	<0.2
1103707	Soil	29	1.32	302	0.234	<1	2.65	0.009	0.72	0.1	0.01	9.0	0.4	0.06	10	<0.5	<0.2
1103708	Soil	26	0.90	261	0.174	<1	2.02	0.008	0.43	0.1	0.01	6.3	0.2	0.09	9	<0.5	<0.2
1103709	Soil	38	0.83	240	0.144	1	2.14	0.020	0.26	0.1	0.02	3.6	0.2	0.08	6	<0.5	<0.2
1103710	Soil	43	1.26	340	0.267	<1	3.18	0.020	0.70	0.2	0.01	6.5	0.2	0.08	10	<0.5	<0.2
1103711	Soil	41	0.82	226	0.139	<1	1.80	0.014	0.21	0.1	<0.01	3.1	0.1	0.07	6	<0.5	<0.2
1103712	Soil	34	1.13	321	0.204	<1	2.38	0.020	0.73	0.1	0.01	4.9	0.2	0.09	8	<0.5	<0.2
1103713	Soil	46	0.98	323	0.175	<1	2.01	0.013	0.50	0.2	0.01	5.2	0.3	0.08	7	<0.5	<0.2
1103714	Soil	69	1.24	346	0.153	<1	2.49	0.017	0.71	0.5	0.01	7.4	0.4	0.08	9	<0.5	<0.2
1103715	Soil	106	1.35	490	0.198	<1	2.34	0.011	0.56	0.1	0.01	5.6	0.3	0.07	9	<0.5	<0.2
1103716	Soil	88	1.23	443	0.189	<1	2.35	0.016	0.54	0.2	0.01	5.3	0.3	0.09	8	<0.5	<0.2
1103717	Soil	27	0.68	224	0.121	<1	1.53	0.020	0.28	0.1	<0.01	2.9	<0.1	0.08	5	<0.5	<0.2
1103718	Soil	58	0.85	312	0.138	<1	1.74	0.019	0.32	1.1	<0.01	4.0	0.1	0.08	6	<0.5	<0.2
1103719	Soil	22	0.67	235	0.108	<1	1.85	0.031	0.30	0.8	<0.01	3.7	<0.1	0.09	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
1103720	Soil	0.7	60.9	4.5	36	0.1	41.5	12.7	303	2.74	6.9	<0.5	4.3	59	<0.1	0.1	<0.1	78	0.73	0.108	29
1103721	Soil	0.8	57.5	4.5	55	0.1	43.2	16.9	385	3.40	5.6	2.8	4.8	42	0.1	0.1	0.1	80	0.58	0.088	25
1103722	Soil	0.9	17.9	5.3	78	<0.1	15.6	10.9	526	3.31	5.0	<0.5	3.8	21	0.1	0.1	<0.1	59	0.34	0.053	18
1103723	Soil	0.6	17.5	4.7	79	<0.1	11.9	8.2	371	3.08	4.7	<0.5	3.8	16	0.1	<0.1	<0.1	54	0.31	0.048	19
1103724	Soil	0.6	15.9	3.6	70	<0.1	10.3	6.4	346	2.70	3.8	<0.5	3.5	9	<0.1	0.1	<0.1	37	0.18	0.036	12
1103725	Soil	0.5	15.7	3.7	62	<0.1	9.7	5.3	280	2.60	3.8	<0.5	3.4	11	<0.1	0.1	<0.1	36	0.18	0.029	12
1103726	Soil	0.8	30.4	5.1	56	<0.1	20.2	6.7	220	2.52	2.5	3.4	3.3	16	<0.1	0.2	0.2	48	0.25	0.043	15
1103727	Soil	0.5	13.6	3.3	48	<0.1	11.4	4.8	198	2.06	1.9	2.4	2.7	12	<0.1	0.1	0.2	34	0.18	0.034	9
1123438	Soil	1.1	12.6	4.9	70	0.3	6.6	4.5	261	2.37	2.1	6.3	2.1	11	0.1	0.2	0.2	30	0.17	0.054	20
1123437	Soil	0.7	8.8	5.8	71	0.2	7.7	4.9	234	2.56	3.8	2.9	2.8	11	<0.1	0.2	0.2	36	0.16	0.038	14
1123439	Soil	1.4	24.7	6.8	77	0.3	10.3	7.3	448	2.89	4.0	1.9	1.1	15	0.2	0.2	0.2	48	0.19	0.053	25
1123440	Soil	1.2	17.0	8.0	72	0.1	9.9	8.3	447	2.90	4.9	4.6	3.7	14	0.1	0.2	0.2	50	0.21	0.043	20
1123446	Soil	0.6	17.4	5.9	68	<0.1	12.0	5.7	397	2.96	4.7	3.4	7.6	12	<0.1	0.3	0.2	42	0.15	0.018	45
1123442	Soil	0.5	13.4	3.4	80	<0.1	5.9	4.2	395	2.42	2.6	1.9	4.6	5	<0.1	0.2	0.1	17	0.08	0.024	10
1123441	Soil	1.2	10.0	5.4	121	<0.1	7.8	6.4	430	2.98	3.5	1.8	4.5	9	<0.1	0.2	0.1	23	0.14	0.026	16
1123444	Soil	0.3	7.3	2.9	88	<0.1	4.0	7.6	619	3.63	1.9	0.7	3.9	8	<0.1	0.1	<0.1	25	0.11	0.016	18
1123443	Soil	0.3	6.8	2.7	93	<0.1	3.5	6.7	630	3.60	1.5	0.7	4.8	9	<0.1	0.1	<0.1	22	0.12	0.018	20
1123445	Soil	0.7	19.1	4.0	73	<0.1	9.2	5.6	422	2.69	3.6	1.6	5.9	14	<0.1	0.2	0.1	30	0.21	0.017	36
1123447	Soil	0.9	22.4	6.6	78	<0.1	15.6	7.5	457	3.15	6.5	3.2	6.6	13	<0.1	0.4	0.1	42	0.14	0.014	46
1123448	Soil	0.7	22.2	6.4	67	<0.1	13.3	7.2	421	2.83	6.8	2.9	5.6	15	<0.1	0.3	0.1	38	0.16	0.015	25
1123449	Soil	2.0	20.8	10.7	112	<0.1	6.4	5.0	354	2.67	9.4	1.4	5.1	16	<0.1	0.2	0.1	25	0.16	0.031	26
1123450	Soil	0.6	14.7	4.9	71	<0.1	8.9	5.6	372	2.44	4.2	2.0	3.7	10	<0.1	0.2	0.1	29	0.19	0.035	10
1123398	Soil	0.9	15.8	6.2	78	<0.1	10.7	5.6	343	2.74	5.3	2.0	4.0	11	<0.1	0.2	0.1	38	0.13	0.018	15
1123338	Soil	0.9	10.7	6.4	71	<0.1	7.3	5.4	402	2.84	4.2	1.1	3.3	9	<0.1	0.2	0.1	40	0.15	0.035	15
1123339	Soil	0.6	12.4	4.3	78	<0.1	6.3	5.7	457	3.26	3.7	1.3	2.7	8	<0.1	0.2	<0.1	32	0.13	0.028	10
1123400	Soil	0.7	20.6	5.2	100	0.1	9.2	6.2	457	3.30	3.9	1.1	4.8	14	<0.1	0.1	<0.1	31	0.30	0.046	28
1123340	Soil	0.7	15.6	5.3	64	<0.1	10.3	6.2	352	2.77	4.3	1.6	3.3	11	<0.1	0.2	<0.1	42	0.14	0.017	14
1123401	Soil	0.7	13.8	4.6	77	<0.1	6.6	5.1	381	2.77	2.7	1.7	3.9	13	0.1	0.1	<0.1	33	0.21	0.029	21
1068339	Soil	0.7	17.8	7.4	88	<0.1	10.6	7.2	348	3.04	6.1	1.8	3.4	13	<0.1	0.2	0.1	44	0.16	0.022	15
1068336	Soil	0.7	14.4	6.3	73	<0.1	7.7	4.7	269	2.41	4.2	<0.5	3.4	11	<0.1	0.2	<0.1	32	0.14	0.020	16

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

Project: JPR
Report Date: November 28, 2011

CERTIFICATE OF ANALYSIS DAW11000506.1

		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
1103720	Soil		58	0.72	362	0.110	<1	2.15	0.033	0.35	1.9	0.03	7.8	0.1	0.10	6	<0.5	<0.2
1103721	Soil		69	0.95	446	0.147	<1	2.02	0.020	0.40	2.4	0.05	6.6	0.2	0.10	7	<0.5	<0.2
1103722	Soil		37	0.83	344	0.157	<1	1.92	0.014	0.50	0.2	0.03	5.9	0.3	0.11	8	<0.5	<0.2
1103723	Soil		31	0.94	288	0.155	<1	2.13	0.014	0.54	0.1	0.03	6.5	0.2	0.12	8	<0.5	<0.2
1103724	Soil		21	0.71	179	0.132	<1	1.48	0.009	0.50	0.1	<0.01	4.8	0.2	0.08	6	<0.5	<0.2
1103725	Soil		18	0.67	189	0.129	<1	1.42	0.009	0.43	0.1	0.01	4.9	0.2	0.08	6	<0.5	<0.2
1103726	Soil		36	0.67	241	0.121	2	1.57	0.010	0.26	0.2	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1103727	Soil		20	0.57	142	0.109	2	1.24	0.008	0.32	0.2	0.01	3.8	0.2	<0.05	5	<0.5	<0.2
1123438	Soil		14	0.71	173	0.090	2	1.57	0.009	0.33	0.1	0.06	5.3	0.2	<0.05	7	<0.5	<0.2
1123437	Soil		15	0.80	131	0.113	2	1.67	0.009	0.31	0.1	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1123439	Soil		18	0.88	227	0.107	2	1.99	0.011	0.43	0.1	0.04	5.4	0.2	<0.05	8	<0.5	<0.2
1123440	Soil		19	0.78	160	0.097	2	1.88	0.008	0.26	0.1	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1123446	Soil		18	1.02	218	0.113	1	1.96	0.007	0.32	0.3	<0.01	5.7	0.2	<0.05	8	<0.5	<0.2
1123442	Soil		10	0.61	154	0.101	1	1.38	0.006	0.39	0.1	<0.01	5.9	0.2	<0.05	7	<0.5	<0.2
1123441	Soil		12	1.22	146	0.095	<1	2.68	0.009	0.58	0.1	<0.01	5.3	0.2	<0.05	9	<0.5	<0.2
1123444	Soil		7	2.20	263	0.221	1	3.15	0.013	1.20	<0.1	<0.01	3.5	0.4	<0.05	10	<0.5	<0.2
1123443	Soil		7	2.22	277	0.204	<1	3.01	0.014	1.28	<0.1	<0.01	3.2	0.4	<0.05	9	<0.5	<0.2
1123445	Soil		14	1.33	151	0.138	<1	2.14	0.008	0.54	<0.1	<0.01	4.8	0.2	<0.05	7	<0.5	<0.2
1123447	Soil		25	1.12	186	0.134	2	2.38	0.009	0.29	0.2	0.03	5.8	0.2	<0.05	8	<0.5	<0.2
1123448	Soil		22	0.92	223	0.117	1	2.03	0.008	0.34	0.1	0.02	6.4	0.2	<0.05	7	<0.5	<0.2
1123449	Soil		11	0.86	198	0.129	<1	1.72	0.012	0.52	<0.1	<0.01	5.0	0.8	<0.05	7	<0.5	<0.2
1123450	Soil		14	0.85	149	0.093	1	1.60	0.007	0.41	0.1	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1123398	Soil		20	0.76	152	0.107	1	1.85	0.007	0.26	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1123338	Soil		15	0.77	141	0.140	<1	1.83	0.008	0.42	0.1	<0.01	4.2	0.2	<0.05	8	<0.5	<0.2
1123339	Soil		11	0.94	163	0.179	<1	1.88	0.008	0.75	0.1	0.01	5.8	0.3	<0.05	8	<0.5	<0.2
1123400	Soil		22	0.94	357	0.107	<1	1.98	0.011	0.76	<0.1	0.02	8.5	0.3	<0.05	8	<0.5	<0.2
1123340	Soil		18	0.85	161	0.141	<1	1.76	0.008	0.37	<0.1	0.01	4.4	0.2	<0.05	7	<0.5	<0.2
1123401	Soil		13	1.00	214	0.145	<1	1.95	0.009	0.64	0.1	0.02	5.2	0.2	<0.05	8	<0.5	<0.2
1068339	Soil		21	0.89	252	0.142	<1	1.87	0.009	0.38	0.1	0.01	5.2	0.2	<0.05	6	<0.5	<0.2
1068336	Soil		13	0.70	151	0.120	<1	1.60	0.007	0.35	0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2

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Project: JPR
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CERTIFICATE OF ANALYSIS DAW11000506.1

	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
1068337	Soil	0.7	15.0	7.3	113	<0.1	5.5	4.6	380	2.59	5.0	0.6	4.6	10	<0.1	0.1	<0.1	22	0.14	0.019	20
1068338	Soil	0.5	14.9	5.6	119	<0.1	5.2	5.3	473	3.75	4.8	0.8	3.2	10	<0.1	0.1	<0.1	26	0.21	0.046	14
1068340	Soil	1.2	17.6	9.6	91	<0.1	10.4	9.2	531	3.48	7.9	1.2	3.1	13	<0.1	0.2	0.1	54	0.17	0.033	12
1068344	Soil	0.8	52.4	3.9	56	<0.1	55.9	12.4	265	2.92	14.0	0.8	3.7	45	<0.1	0.2	<0.1	91	0.43	0.063	17
1123399	Soil	2.6	22.7	6.6	116	<0.1	4.9	3.4	361	3.01	17.8	0.6	4.1	9	<0.1	0.3	0.2	22	0.10	0.019	17
1068341	Soil	0.7	26.1	4.8	75	<0.1	43.8	10.6	483	3.21	6.2	0.5	3.2	19	<0.1	0.1	<0.1	55	0.29	0.056	15
1068342	Soil	0.9	46.7	6.6	46	<0.1	30.3	11.4	304	2.75	8.1	0.5	2.2	17	<0.1	0.2	0.1	62	0.29	0.046	10
1068343	Soil	0.9	54.3	5.5	59	<0.1	54.4	13.6	285	3.11	14.7	2.6	4.3	45	<0.1	0.2	0.2	92	0.44	0.058	19
1123418	Soil	0.7	38.8	5.4	74	<0.1	15.6	20.1	700	3.74	5.2	1.6	3.4	26	0.1	0.1	0.1	96	0.35	0.048	9
1123417	Soil	0.6	26.6	4.6	97	<0.1	8.1	10.8	665	4.66	3.6	0.8	3.9	37	0.1	0.1	0.1	62	0.29	0.044	16
1123420	Soil	0.5	38.3	12.9	85	<0.1	16.9	17.0	582	4.85	5.6	0.7	11.4	64	<0.1	0.2	<0.1	116	0.60	0.058	34
1123419	Soil	0.4	34.8	16.1	84	<0.1	15.9	16.7	601	4.85	5.0	5.2	11.6	60	<0.1	0.2	<0.1	109	0.60	0.065	33
1123424	Soil	0.5	20.1	5.7	78	0.1	14.6	10.4	349	2.72	3.4	1.0	4.6	23	0.1	<0.1	0.1	56	0.38	0.055	20
1123425	Soil	0.5	15.8	5.0	65	0.1	8.1	5.6	231	2.51	3.4	1.6	3.4	14	<0.1	<0.1	0.1	42	0.25	0.052	22
1123426	Soil	0.3	21.7	4.4	63	<0.1	20.1	10.7	308	3.11	1.9	1.0	6.7	16	<0.1	<0.1	<0.1	71	0.27	0.053	23
1123421	Soil	0.7	29.5	6.5	82	<0.1	24.7	13.9	338	3.73	3.3	<0.5	10.3	25	<0.1	<0.1	0.1	72	0.30	0.067	34
1123422	Soil	0.7	49.8	4.6	69	<0.1	56.5	18.1	463	3.26	6.7	1.7	5.0	46	<0.1	0.2	<0.1	82	0.46	0.107	27
1123423	Soil	1.1	51.1	8.5	76	<0.1	30.8	11.3	416	3.23	5.6	1.3	3.8	28	0.1	0.2	0.1	81	0.36	0.066	17
1123405	Soil	1.0	12.9	8.2	64	<0.1	10.4	5.5	294	2.54	5.9	1.7	2.8	12	<0.1	0.2	0.1	40	0.15	0.029	14
1123406	Soil	1.1	7.1	5.3	71	<0.1	4.5	5.7	481	2.29	3.3	0.8	3.3	6	0.1	0.1	<0.1	28	0.08	0.030	11
1123407	Soil	0.8	18.9	7.2	78	<0.1	13.8	8.5	380	2.86	7.1	4.7	3.6	14	<0.1	0.3	0.1	42	0.17	0.035	11
1123408	Soil	0.9	26.0	7.5	72	<0.1	11.3	5.4	195	2.45	5.9	2.0	3.1	9	<0.1	0.3	0.1	35	0.10	0.038	15
1123409	Soil	1.5	36.7	12.3	98	<0.1	8.6	5.1	315	2.89	5.2	1.0	4.4	13	<0.1	0.2	0.1	26	0.08	0.025	16
1123410	Soil	1.2	157.4	30.6	86	0.3	1.4	1.9	336	3.84	4.4	2.6	4.5	26	<0.1	0.2	0.4	20	0.06	0.041	16
1123411	Soil	0.5	64.2	11.1	122	<0.1	7.2	4.9	331	3.35	4.7	2.2	3.2	14	<0.1	0.2	0.1	32	0.10	0.023	15
1123412	Soil	0.9	42.0	18.6	92	0.3	5.8	5.5	355	3.43	10.4	1.5	2.0	12	<0.1	0.2	0.2	35	0.08	0.046	11
1123413	Soil	0.8	29.4	9.9	72	0.2	14.2	8.0	305	2.78	6.8	2.5	2.6	13	<0.1	0.4	0.1	55	0.13	0.021	10
1123414	Soil	0.9	25.2	8.1	104	0.1	8.3	7.6	695	3.11	4.6	1.0	2.0	12	0.2	0.2	0.1	38	0.15	0.042	10
1123429	Soil	1.0	53.8	5.6	56	<0.1	39.5	11.6	217	3.02	5.4	1.6	3.9	34	<0.1	0.2	0.1	93	0.38	0.052	16
1123430	Soil	0.7	29.0	4.8	43	<0.1	24.1	8.0	180	2.22	4.4	1.9	2.4	35	<0.1	0.1	<0.1	51	0.37	0.057	12

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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
1068337	Soil	9	0.91	182	0.144	<1	1.94	0.008	0.59	<0.1	<0.01	4.5	0.4	<0.05	7	<0.5	<0.2
1068338	Soil	11	1.31	382	0.191	<1	2.26	0.010	1.12	<0.1	<0.01	7.0	0.4	<0.05	8	<0.5	<0.2
1068340	Soil	22	0.94	256	0.172	<1	2.17	0.010	0.46	0.1	0.02	6.1	0.3	<0.05	8	<0.5	<0.2
1068344	Soil	81	0.90	513	0.146	<1	2.04	0.021	0.36	<0.1	0.01	5.6	0.2	<0.05	6	<0.5	<0.2
1123399	Soil	8	0.87	138	0.112	<1	1.79	0.012	0.52	<0.1	<0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1068341	Soil	60	1.24	326	0.179	<1	2.12	0.009	0.53	0.1	<0.01	6.3	0.3	<0.05	8	<0.5	<0.2
1068342	Soil	44	0.71	243	0.132	<1	1.84	0.018	0.28	0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1068343	Soil	79	0.94	516	0.149	<1	2.15	0.028	0.35	<0.1	0.01	6.1	0.3	<0.05	7	<0.5	<0.2
1123418	Soil	54	1.34	386	0.200	<1	2.54	0.021	0.76	0.2	0.01	5.9	0.3	<0.05	8	<0.5	<0.2
1123417	Soil	24	1.23	596	0.260	<1	2.87	0.014	1.02	0.1	0.02	10.2	0.4	<0.05	11	<0.5	<0.2
1123420	Soil	41	1.18	440	0.206	<1	2.87	0.027	0.51	0.1	<0.01	8.1	0.1	<0.05	12	<0.5	<0.2
1123419	Soil	37	1.18	448	0.179	<1	2.79	0.026	0.52	<0.1	<0.01	8.1	0.1	<0.05	11	<0.5	<0.2
1123424	Soil	34	0.78	285	0.128	2	1.80	0.013	0.47	0.2	0.03	5.4	0.2	<0.05	6	<0.5	<0.2
1123425	Soil	21	0.73	245	0.100	1	1.71	0.010	0.48	0.1	0.03	5.5	0.2	<0.05	6	<0.5	<0.2
1123426	Soil	47	1.06	403	0.181	<1	2.42	0.015	1.08	<0.1	<0.01	7.7	0.3	<0.05	8	<0.5	<0.2
1123421	Soil	41	1.09	283	0.170	1	2.55	0.014	0.92	0.1	0.01	6.0	0.5	<0.05	8	<0.5	<0.2
1123422	Soil	99	1.05	523	0.139	<1	1.83	0.015	0.62	<0.1	<0.01	6.7	0.3	<0.05	6	<0.5	<0.2
1123423	Soil	61	0.79	321	0.125	2	1.81	0.010	0.45	0.2	0.02	4.8	0.3	<0.05	6	<0.5	<0.2
1123405	Soil	18	0.63	133	0.083	1	1.66	0.007	0.19	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1123406	Soil	10	0.83	138	0.105	1	1.67	0.007	0.54	<0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1123407	Soil	21	0.64	153	0.092	1	1.88	0.009	0.25	0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1123408	Soil	19	0.51	132	0.077	1	1.53	0.007	0.13	<0.1	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1123409	Soil	13	0.72	196	0.098	1	1.70	0.017	0.42	<0.1	0.02	3.8	0.4	0.20	6	<0.5	<0.2
1123410	Soil	3	0.93	350	0.117	<1	2.07	0.025	0.85	<0.1	0.02	8.4	1.1	0.39	8	<0.5	<0.2
1123411	Soil	11	1.01	408	0.142	1	2.34	0.010	0.74	0.1	0.02	8.7	0.7	0.06	8	<0.5	<0.2
1123412	Soil	10	0.75	279	0.143	<1	1.89	0.010	0.55	0.1	0.02	8.1	0.8	0.10	9	<0.5	<0.2
1123413	Soil	23	0.66	227	0.093	1	1.81	0.008	0.14	0.1	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1123414	Soil	14	0.92	258	0.129	<1	1.94	0.007	0.64	<0.1	0.01	4.1	0.4	<0.05	7	<0.5	<0.2
1123429	Soil	65	0.87	429	0.128	1	1.95	0.015	0.28	0.6	0.02	5.3	0.1	<0.05	6	0.5	<0.2
1123430	Soil	37	0.59	264	0.089	<1	1.47	0.014	0.20	0.3	0.01	4.1	0.1	<0.05	5	<0.5	<0.2

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

Project: JPR
Report Date: November 28, 2011

CERTIFICATE OF ANALYSIS DAW11000506.1

	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
1123432	Soil	0.4	28.6	2.9	33	<0.1	21.3	7.7	131	1.89	2.3	<0.5	2.5	34	<0.1	<0.1	<0.1	45	0.50	0.093	12
1123431	Soil	0.5	27.4	2.8	33	<0.1	20.7	7.4	125	1.83	2.3	0.5	2.4	35	<0.1	<0.1	<0.1	44	0.52	0.095	12
1123433	Soil	0.7	31.9	4.9	41	0.1	24.7	8.5	157	2.05	3.9	10.0	2.8	29	<0.1	0.1	<0.1	54	0.36	0.049	13
1123416	Soil	0.9	20.6	7.2	73	0.2	8.2	8.6	632	2.65	5.2	1.8	2.3	11	0.2	0.2	0.1	54	0.13	0.029	10
1123427	Soil	0.6	17.1	4.7	63	<0.1	19.4	8.8	305	2.82	3.3	0.9	5.6	15	<0.1	<0.1	<0.1	45	0.23	0.042	23
1123428	Soil	1.0	108.4	2.4	74	<0.1	95.1	18.1	232	3.33	2.0	0.6	4.7	48	<0.1	<0.1	<0.1	120	0.54	0.130	19
1123415	Soil	0.8	22.0	6.3	93	<0.1	9.5	6.8	381	2.99	6.2	1.5	2.2	9	<0.1	0.2	0.1	40	0.11	0.025	9
1105694	Soil	0.8	32.3	4.8	91	<0.1	14.9	17.2	903	4.31	4.4	6.5	7.9	13	<0.1	0.2	<0.1	99	0.25	0.049	18
1105692	Soil	1.1	40.1	3.5	76	<0.1	9.5	15.5	775	3.86	3.2	5.3	6.8	12	<0.1	0.1	<0.1	88	0.24	0.041	10
1105695	Soil	1.0	29.6	4.8	80	<0.1	10.1	18.3	939	4.90	3.8	1.3	9.3	11	<0.1	0.1	<0.1	105	0.22	0.051	10
1105693	Soil	0.8	73.6	6.4	60	<0.1	21.7	11.8	400	3.10	8.1	5.3	6.1	15	<0.1	0.4	0.1	68	0.21	0.025	20
1105697	Soil	2.9	33.8	15.4	120	<0.1	11.5	16.7	2146	4.74	2.1	9.6	11.3	11	0.6	0.2	0.2	113	0.26	0.061	31
1105696	Soil	0.8	35.4	5.3	85	<0.1	9.2	16.9	929	4.67	2.3	7.2	10.7	10	<0.1	0.1	0.3	111	0.27	0.066	22
1105698	Soil	0.9	31.8	11.1	65	0.1	23.5	10.9	494	2.79	8.5	4.2	4.4	28	0.1	0.6	0.2	59	0.54	0.045	14
1105699	Soil	1.4	28.0	11.0	83	<0.1	11.3	18.0	907	4.55	3.1	11.0	14.7	14	<0.1	0.2	<0.1	94	0.27	0.048	28
1211695	Soil	2.2	35.0	7.7	50	0.2	16.9	12.8	712	3.18	7.7	5.7	6.2	30	<0.1	0.3	0.2	68	0.55	0.062	38
1105700	Soil	0.7	22.2	3.6	84	<0.1	8.3	18.4	1065	4.84	1.8	3.9	10.2	14	<0.1	0.1	<0.1	112	0.27	0.058	23
1211696	Soil	1.3	28.6	7.2	49	0.2	15.1	11.9	808	2.83	5.0	3.4	4.5	29	<0.1	0.3	0.1	64	0.52	0.046	17
1211697	Soil	1.3	22.7	8.0	58	0.1	13.2	17.2	1339	2.86	4.3	3.4	5.1	22	<0.1	0.4	0.2	65	0.36	0.034	14
1211797	Soil	6.0	42.7	13.4	113	0.3	28.5	10.0	381	2.82	7.1	7.0	3.6	20	0.5	0.4	0.2	98	0.24	0.074	15
1211798	Soil	12.4	41.5	21.6	160	0.6	33.7	8.6	347	2.58	8.1	8.2	4.0	28	1.0	0.3	0.3	91	0.38	0.095	17
1211799	Soil	1.2	32.7	6.7	69	0.1	19.1	11.3	434	3.35	5.6	6.1	4.1	23	<0.1	0.3	0.2	73	0.33	0.040	29
1211691	Soil	12.7	33.3	20.6	108	0.6	24.6	7.0	251	2.25	8.8	5.6	4.2	31	0.8	0.3	0.3	86	0.36	0.104	17
1211692	Soil	16.9	60.3	18.6	226	0.3	46.6	15.9	545	4.21	9.6	3.5	4.9	20	0.8	0.4	0.2	146	0.25	0.096	18
1211693	Soil	6.4	75.4	13.3	160	0.1	44.5	13.0	509	3.66	9.1	5.9	5.6	33	0.3	0.4	0.2	122	0.30	0.055	19
1211694	Soil	10.9	137.5	6.4	336	0.2	79.4	7.4	299	2.15	14.5	2.8	8.0	72	1.1	0.5	0.2	283	0.25	0.125	23
1105687	Soil	3.2	16.3	10.4	78	1.2	24.4	9.5	243	2.51	6.9	0.6	3.1	17	0.6	0.4	0.2	64	0.23	0.111	11
1105688	Soil	8.2	93.5	13.7	209	0.2	52.4	10.0	684	3.84	6.1	2.6	7.1	29	0.5	0.3	0.2	144	0.47	0.152	26
1105689	Soil	2.4	30.3	6.4	98	<0.1	19.0	20.2	902	4.53	4.6	4.9	10.1	22	0.2	0.2	<0.1	109	0.62	0.082	19
1105690	Soil	1.5	28.8	8.5	66	<0.1	21.2	11.0	480	2.98	7.4	4.8	5.1	21	<0.1	0.5	0.1	72	0.32	0.065	14

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Project: JPR
Report Date: November 28, 2011

CERTIFICATE OF ANALYSIS DAW11000506.1

	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
1123432	Soil	39	0.59	206	0.076	<1	1.36	0.016	0.16	1.2	0.01	4.3	<0.1	<0.05	4	<0.5	<0.2
1123431	Soil	39	0.59	212	0.077	<1	1.38	0.017	0.16	1.1	0.01	4.4	<0.1	<0.05	4	<0.5	<0.2
1123433	Soil	41	0.58	261	0.095	<1	1.45	0.015	0.13	0.5	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1123416	Soil	19	0.64	238	0.124	<1	1.44	0.007	0.33	<0.1	0.02	4.7	0.2	<0.05	6	<0.5	<0.2
1123427	Soil	47	0.91	217	0.133	<1	1.84	0.009	0.65	0.1	0.01	5.1	0.3	<0.05	6	<0.5	<0.2
1123428	Soil	122	1.32	1003	0.174	<1	2.32	0.019	0.72	0.4	0.01	6.4	0.2	<0.05	8	<0.5	<0.2
1123415	Soil	15	0.76	184	0.123	<1	1.76	0.006	0.42	<0.1	0.01	5.2	0.3	<0.05	6	<0.5	<0.2
1105694	Soil	18	1.56	300	0.213	<1	2.64	0.014	1.44	0.2	0.02	3.7	0.4	<0.05	7	<0.5	<0.2
1105692	Soil	14	1.46	187	0.212	<1	2.45	0.008	1.43	0.2	<0.01	2.9	0.4	<0.05	7	<0.5	<0.2
1105695	Soil	11	1.83	268	0.281	<1	3.01	0.009	1.78	0.1	<0.01	2.2	0.5	<0.05	7	<0.5	<0.2
1105693	Soil	26	0.89	192	0.129	1	1.83	0.013	0.43	0.3	0.04	5.9	0.2	<0.05	5	<0.5	<0.2
1105697	Soil	11	1.60	540	0.177	<1	2.68	0.008	1.84	<0.1	0.03	12.2	0.4	<0.05	9	<0.5	<0.2
1105696	Soil	13	1.62	252	0.219	<1	2.85	0.008	1.77	0.2	0.01	5.1	0.4	<0.05	7	<0.5	<0.2
1105698	Soil	25	0.72	292	0.095	2	1.66	0.019	0.26	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1105699	Soil	12	1.46	245	0.192	<1	2.75	0.008	1.50	0.1	0.01	6.7	0.4	<0.05	8	<0.5	<0.2
1211695	Soil	18	0.73	330	0.101	<1	1.74	0.012	0.50	0.2	0.07	4.8	0.2	<0.05	5	<0.5	<0.2
1105700	Soil	11	1.71	291	0.226	<1	2.87	0.011	1.69	0.2	<0.01	5.1	0.5	<0.05	8	<0.5	<0.2
1211696	Soil	20	0.78	296	0.106	<1	1.66	0.012	0.48	0.2	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1211697	Soil	23	0.88	236	0.137	1	1.80	0.014	0.57	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1211797	Soil	37	0.82	234	0.084	<1	1.55	0.012	0.18	0.1	0.02	5.3	0.1	<0.05	6	1.3	<0.2
1211798	Soil	34	0.68	269	0.082	<1	1.40	0.011	0.13	0.2	0.03	4.1	0.1	0.07	5	1.5	<0.2
1211799	Soil	22	0.94	539	0.135	<1	2.08	0.018	0.21	0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1211691	Soil	33	0.52	254	0.073	<1	1.20	0.010	0.10	0.2	0.04	3.5	0.1	<0.05	4	1.6	<0.2
1211692	Soil	38	1.08	289	0.086	<1	2.14	0.008	0.24	<0.1	0.03	10.6	0.2	<0.05	8	1.5	<0.2
1211693	Soil	54	1.06	323	0.102	<1	1.70	0.014	0.33	<0.1	0.04	9.4	0.2	0.08	7	1.3	<0.2
1211694	Soil	47	0.78	167	0.025	<1	1.02	0.005	0.18	<0.1	0.04	6.0	0.3	<0.05	5	2.6	<0.2
1105687	Soil	34	0.44	162	0.054	<1	1.72	0.009	0.07	0.2	0.02	3.1	0.1	<0.05	5	0.5	<0.2
1105688	Soil	51	1.41	443	0.139	<1	2.29	0.011	0.66	<0.1	0.03	6.8	0.5	<0.05	9	1.5	<0.2
1105689	Soil	17	1.63	292	0.206	<1	2.57	0.012	1.40	<0.1	0.02	3.9	0.4	<0.05	8	<0.5	<0.2
1105690	Soil	29	0.76	228	0.117	<1	1.52	0.014	0.49	0.2	0.03	4.0	0.2	<0.05	5	<0.5	<0.2

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Project: JPR
Report Date: November 28, 2011

CERTIFICATE OF ANALYSIS DAW11000506.1

	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
1105691	Soil	1.3	27.2	12.6	103	<0.1	23.3	10.8	485	2.86	7.2	4.2	5.4	25	0.1	0.4	<0.1	65	0.39	0.080	15
1074139	Soil	3.8	38.2	44.7	144	0.5	30.1	9.3	294	2.55	18.0	5.0	4.0	24	0.8	0.5	0.2	79	0.39	0.067	17
1211699	Soil	0.8	17.7	7.1	54	<0.1	19.8	9.5	420	2.12	5.5	9.1	2.9	37	0.2	0.3	<0.1	47	0.51	0.065	13
1074141	Soil	2.1	33.5	12.3	89	0.4	28.0	10.1	391	2.37	9.3	2.7	3.5	33	0.8	0.6	0.1	60	0.59	0.061	16
1074138	Soil	1.7	30.5	14.9	105	0.5	25.1	8.7	247	2.04	11.7	7.1	3.0	25	0.8	0.6	0.1	55	0.39	0.068	14
1074140	Soil	2.2	32.9	12.0	90	0.5	28.2	10.8	387	2.43	9.2	2.2	3.5	34	0.8	0.6	0.1	60	0.59	0.061	16
1211698	Soil	0.7	18.9	9.7	58	0.1	17.4	6.9	225	2.29	5.4	1.6	2.4	26	0.2	0.4	0.1	51	0.34	0.061	13
1074137	Soil	1.8	19.6	10.1	66	0.2	16.0	6.6	282	1.87	8.0	3.2	1.4	19	0.4	0.3	0.1	56	0.27	0.056	10

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CERTIFICATE OF ANALYSIS DAW11000506.1

		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
1105691	Soil		23	0.78	209	0.116	<1	1.48	0.019	0.40	0.2	0.03	4.1	0.2	<0.05	4	<0.5	<0.2
1074139	Soil		35	0.62	255	0.083	<1	1.72	0.015	0.08	0.2	0.04	4.2	0.1	<0.05	5	0.6	<0.2
1211699	Soil		28	0.52	210	0.063	1	1.07	0.018	0.05	0.3	0.02	2.7	<0.1	<0.05	3	<0.5	<0.2
1074141	Soil		28	0.50	333	0.081	<1	1.52	0.016	0.07	0.2	0.05	3.9	<0.1	<0.05	5	<0.5	<0.2
1074138	Soil		28	0.51	233	0.065	<1	1.33	0.015	0.06	0.3	0.05	3.3	<0.1	<0.05	4	0.5	<0.2
1074140	Soil		29	0.49	332	0.087	<1	1.54	0.017	0.07	0.2	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1211698	Soil		30	0.44	203	0.055	1	1.40	0.014	0.05	0.1	0.06	3.3	<0.1	<0.05	4	<0.5	<0.2
1074137	Soil		26	0.43	141	0.058	<1	1.18	0.012	0.05	0.2	0.04	2.3	<0.1	<0.05	4	<0.5	<0.2

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QUALITY CONTROL REPORT DAW11000506.1

	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																					
1103704	Soil	1.7	17.3	9.2	69	<0.1	11.6	7.1	345	3.40	8.2	2.3	2.9	11	0.1	0.3	0.2	57	0.13	0.049	10
REP 1103704	QC	1.7	16.6	9.3	68	<0.1	11.7	6.9	333	3.33	8.0	4.4	2.9	11	0.1	0.3	0.2	56	0.13	0.048	10
1103721	Soil	0.8	57.5	4.5	55	0.1	43.2	16.9	385	3.40	5.6	2.8	4.8	42	0.1	0.1	0.1	80	0.58	0.088	25
REP 1103721	QC	0.9	58.6	4.8	56	0.1	44.2	17.5	392	3.46	5.3	2.2	5.0	42	<0.1	0.1	0.1	82	0.60	0.090	26
1123398	Soil	0.9	15.8	6.2	78	<0.1	10.7	5.6	343	2.74	5.3	2.0	4.0	11	<0.1	0.2	0.1	38	0.13	0.018	15
REP 1123398	QC	1.0	15.5	5.8	75	<0.1	10.3	5.4	334	2.64	5.0	0.8	3.9	10	<0.1	0.2	0.1	37	0.12	0.016	14
1068342	Soil	0.9	46.7	6.6	46	<0.1	30.3	11.4	304	2.75	8.1	0.5	2.2	17	<0.1	0.2	0.1	62	0.29	0.046	10
REP 1068342	QC	0.8	45.9	6.8	47	<0.1	29.9	11.4	305	2.71	7.6	<0.5	2.3	17	<0.1	0.2	<0.1	63	0.28	0.046	10
1123411	Soil	0.5	64.2	11.1	122	<0.1	7.2	4.9	331	3.35	4.7	2.2	3.2	14	<0.1	0.2	0.1	32	0.10	0.023	15
REP 1123411	QC	0.5	65.6	11.4	122	<0.1	7.6	4.9	325	3.35	4.5	2.6	3.2	14	<0.1	0.3	0.2	31	0.09	0.021	16
1105696	Soil	0.8	35.4	5.3	85	<0.1	9.2	16.9	929	4.67	2.3	7.2	10.7	10	<0.1	0.1	0.3	111	0.27	0.066	22
REP 1105696	QC	0.7	34.1	5.3	87	<0.1	9.1	16.6	925	4.53	2.4	8.1	10.8	10	<0.1	0.1	0.3	108	0.27	0.065	22
1074139	Soil	3.8	38.2	44.7	144	0.5	30.1	9.3	294	2.55	18.0	5.0	4.0	24	0.8	0.5	0.2	79	0.39	0.067	17
REP 1074139	QC	3.9	37.9	45.1	142	0.5	29.9	10.1	297	2.57	18.2	2.8	4.0	24	0.8	0.5	0.1	79	0.39	0.067	17
Reference Materials																					
STD DS8	Standard	12.4	104.5	120.0	293	1.8	36.2	7.3	565	2.31	21.8	112.6	6.1	58	2.0	5.1	5.8	39	0.61	0.077	13
STD DS8	Standard	14.3	122.7	133.0	326	1.8	44.1	8.5	655	2.69	25.9	112.0	7.1	63	2.3	5.4	6.0	47	0.73	0.084	15
STD DS8	Standard	12.2	102.7	111.4	291	1.7	35.6	7.1	574	2.28	24.4	113.9	5.6	53	2.4	4.4	5.4	39	0.62	0.071	13
STD DS8	Standard	12.7	106.8	122.2	310	1.8	37.9	7.5	612	2.52	26.1	117.1	6.5	63	2.3	5.2	6.3	41	0.69	0.080	14
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

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Project: JPR
Report Date: November 28, 2011

QUALITY CONTROL REPORT DAW11000506.1

	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																	
1103704	Soil	24	0.74	177	0.139	<1	1.86	0.010	0.27	0.1	0.02	3.6	0.5	0.11	8	<0.5	<0.2
REP 1103704	QC	23	0.73	172	0.135	<1	1.81	0.010	0.27	0.1	0.02	3.6	0.5	0.11	8	<0.5	<0.2
1103721	Soil	69	0.95	446	0.147	<1	2.02	0.020	0.40	2.4	0.05	6.6	0.2	0.10	7	<0.5	<0.2
REP 1103721	QC	71	0.97	462	0.149	<1	2.08	0.020	0.40	2.1	0.05	6.8	0.2	0.09	7	<0.5	<0.2
1123398	Soil	20	0.76	152	0.107	1	1.85	0.007	0.26	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
REP 1123398	QC	19	0.73	149	0.103	<1	1.69	0.007	0.25	<0.1	0.01	3.8	0.2	<0.05	6	<0.5	<0.2
1068342	Soil	44	0.71	243	0.132	<1	1.84	0.018	0.28	0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2
REP 1068342	QC	46	0.69	247	0.124	<1	1.75	0.017	0.28	0.1	<0.01	3.6	0.1	<0.05	6	<0.5	<0.2
1123411	Soil	11	1.01	408	0.142	1	2.34	0.010	0.74	0.1	0.02	8.7	0.7	0.06	8	<0.5	<0.2
REP 1123411	QC	11	1.03	412	0.138	<1	2.38	0.010	0.72	0.1	0.02	8.2	0.7	<0.05	8	<0.5	<0.2
1105696	Soil	13	1.62	252	0.219	<1	2.85	0.008	1.77	0.2	0.01	5.1	0.4	<0.05	7	<0.5	<0.2
REP 1105696	QC	12	1.61	249	0.220	<1	2.80	0.008	1.72	0.1	0.02	5.1	0.4	<0.05	8	<0.5	<0.2
1074139	Soil	35	0.62	255	0.083	<1	1.72	0.015	0.08	0.2	0.04	4.2	0.1	<0.05	5	0.6	<0.2
REP 1074139	QC	34	0.64	248	0.085	<1	1.74	0.014	0.08	0.2	0.05	4.2	0.1	<0.05	5	0.5	<0.2
Reference Materials																	
STD DS8	Standard	111	0.56	240	0.104	2	0.84	0.088	0.42	2.8	0.21	2.4	5.3	0.13	4	4.5	4.7
STD DS8	Standard	131	0.67	274	0.120	3	0.99	0.095	0.42	3.3	0.20	2.4	5.7	0.19	5	5.4	5.3
STD DS8	Standard	110	0.56	248	0.097	2	0.82	0.077	0.39	2.6	0.17	2.3	5.0	0.16	4	4.4	4.2
STD DS8	Standard	118	0.61	271	0.106	3	0.89	0.100	0.43	3.0	0.18	2.0	5.4	0.20	5	5.2	4.8
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

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