



Date Submitted: 25-Feb-13
Invoice No.: A13-02110
Invoice Date: 22-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02110**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02110

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	
WD13-003-001	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	1.79	< 0.1	0.1	< 10	8.71	0.02	0.08	0.058	21.22	28.75	< 0.01	0.01	0.01	0.01	< 0.003	39.99
WD13-003-002	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	214	0.06	3.62	0.8	0.3	30	60.20	15.94	6.59	0.097	4.60	6.78	2.45	0.75	0.46	0.10	0.019	1.81
WD13-003-003	0.8	< 0.1	0.2	< 0.05	15.3	< 0.001	5	0.07	2.42	1.1	0.3	20	69.82	12.52	5.09	0.091	2.28	3.73	3.07	1.04	0.62	0.14	0.019	1.61
WD13-003-004	1.1	0.2	0.2	< 0.05	0.1	< 0.001	< 5	0.04	1.69	1.2	0.2	< 10	52.41	14.19	13.05	0.204	5.55	8.35	3.28	0.63	0.86	0.08	0.043	1.54
WD13-003-005	1.6	0.2	0.3	< 0.05	0.2	< 0.001	6	0.04	1.90	1.0	0.2	< 10	51.60	13.32	14.30	0.230	4.79	8.58	3.01	0.54	1.02	0.10	0.054	2.11
WD13-003-006	1.2	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.03	1.68	1.3	0.2	< 10	49.17	11.67	14.23	0.250	8.28	9.43	2.44	0.64	0.84	0.11	0.046	2.45
WD13-003-007	1.4	0.2	0.3	< 0.05	0.3	< 0.001	< 5	0.04	1.89	0.9	0.2	< 10	51.53	13.74	13.17	0.244	4.69	9.91	2.60	1.05	0.89	0.09	0.047	2.09
WD13-003-008	0.9	0.1	0.4	< 0.05	0.2	< 0.001	< 5	0.03	1.56	2.0	0.4	< 10	51.72	11.65	11.59	0.195	9.44	8.57	3.14	1.34	0.73	0.13	0.044	1.43
WD13-003-009	0.4	< 0.1	0.3	< 0.05	< 0.1	< 0.001	< 5	0.02	0.67	1.7	0.4	< 10	48.78	7.43	11.56	0.198	17.72	10.01	0.96	0.43	0.44	0.13	0.024	2.73
WD13-003-010	0.4	< 0.1	0.3	< 0.05	< 0.1	< 0.001	< 5	0.02	0.80	1.6	0.4	< 10	47.93	7.39	11.67	0.202	17.92	10.15	0.84	0.40	0.43	0.12	0.023	2.59
WD13-003-011	0.9	0.1	0.3	< 0.05	0.3	< 0.001	< 5	0.02	1.26	1.2	0.3	90	48.77	10.89	12.77	0.216	11.39	10.36	1.98	0.61	0.70	0.11	0.038	2.25
WD13-003-012	1.4	0.2	0.3	< 0.05	0.4	< 0.001	< 5	0.03	3.55	1.5	0.3	< 10	51.34	12.82	12.44	0.218	7.98	9.18	2.83	0.73	0.85	0.12	0.047	1.92
WD13-003-013	1.6	0.2	0.2	< 0.05	0.6	0.009	< 5	0.05	3.55	0.7	0.1	< 10	49.77	13.89	13.46	0.231	6.09	10.00	2.90	0.69	0.94	0.08	0.052	2.33
WD13-003-014	1.4	0.2	0.2	< 0.05	0.4	0.013	< 5	0.04	2.71	0.5	0.1	< 10	48.98	14.35	13.86	0.215	6.04	11.09	1.93	0.59	0.92	0.08	0.048	1.87
WD13-003-015	1.6	0.2	0.2	< 0.05	0.3	0.013	< 5	0.06	2.92	0.9	0.1	< 10	50.01	13.83	14.79	0.228	5.64	9.24	2.84	0.46	1.06	0.09	0.057	1.84
WD13-003-016	1.9	0.3	0.2	< 0.05	0.2	0.020	< 5	0.08	1.80	0.6	0.1	< 10	48.59	13.41	14.12	0.239	4.57	10.91	1.74	1.28	1.13	0.09	0.055	3.78
WD13-003-017	0.5	< 0.1	0.2	< 0.05	0.3	0.025	< 5	0.04	1.00	0.7	0.1	< 10	40.51	5.99	16.15	0.236	12.87	15.72	0.30	0.13	1.30	0.08	0.043	6.10
WD13-003-018	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.03	0.60	0.6	< 0.1	< 10	38.65	5.78	16.27	0.241	13.62	15.74	0.30	0.07	1.28	0.09	0.040	7.92
WD13-003-019	0.6	< 0.1	0.1	< 0.05	0.1	0.001	< 5	0.03	0.66	0.7	< 0.1	80	39.82	5.78	16.29	0.233	14.95	13.05	0.33	0.07	1.32	0.09	0.041	6.53
WD13-003-020	0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	367	0.04	5.00	0.1	< 0.1	30	45.44	22.28	7.04	0.086	8.73	12.77	1.25	0.11	0.10	0.01	0.011	2.48
WD13-003-021	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.03	0.59	0.7	0.1	< 10	40.60	5.98	17.00	0.246	15.11	12.93	0.65	0.10	1.37	0.10	0.044	5.35
WD13-003-022	0.5	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.03	0.45	0.7	0.1	< 10	39.85	5.79	16.73	0.261	15.25	13.44	0.72	0.10	1.33	0.10	0.041	5.76
WD13-003-023	0.5	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.02	0.53	0.6	0.1	< 10	38.07	5.69	15.61	0.260	14.80	15.52	0.69	0.09	1.27	0.11	0.040	7.66
WD13-003-024	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	5	< 0.02	0.46	0.7	0.1	< 10	40.56	6.07	16.90	0.225	16.29	12.14	0.65	0.09	1.36	0.09	0.044	5.25
WD13-003-025	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	0.52	0.8	0.1	40	40.33	6.12	16.91	0.233	16.45	12.15	0.70	0.09	1.35	0.09	0.043	5.10
WD13-003-026	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.56	0.7	< 0.1	10	41.24	6.28	17.23	0.257	15.78	12.35	0.89	0.13	1.39	0.10	0.043	4.53
WD13-003-027	0.5	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.03	0.57	0.7	0.1	50	40.25	6.34	16.90	0.273	16.14	12.30	0.80	0.11	1.34	0.10	0.041	4.96
WD13-003-028	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	0.54	0.7	0.1	< 10	40.90	5.98	17.13	0.290	16.90	12.06	0.73	0.09	1.35	0.10	0.041	4.78
WD13-003-029	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.015	< 5	< 0.02	0.48	0.8	0.1	30	41.19	6.17	17.41	0.287	18.41	9.94	0.51	0.06	1.46	0.12	0.043	4.47
WD13-003-030	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.013	< 5	< 0.02	0.42	0.7	0.1	20	41.61	6.14	17.77	0.257	18.76	9.21	0.42	0.06	1.49	0.11	0.045	4.11
WD13-003-031	0.3	< 0.1	< 0.1	< 0.05	0.2	0.017	< 5	< 0.02	0.50	0.8	< 0.1	40	40.67	6.39	17.65	0.257	18.41	9.68	0.46	0.06	1.47	0.09	0.044	4.48
WD13-003-032	0.4	< 0.1	< 0.1	< 0.05	0.1	0.022	< 5	0.04	0.57	0.7	0.1	< 10	40.36	5.99	17.50	0.259	18.00	10.81	0.45	0.07	1.43	0.10	0.041	5.16
WD13-003-033	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.029	< 5	0.06	1.25	0.8	0.1	50	42.67	5.95	16.89	0.253	18.00	9.95	0.50	0.12	1.36	0.09	0.044	3.92
WD13-003-034	0.3	< 0.1	0.1	< 0.05	< 0.1	0.023	< 5	0.19	1.22	0.7	< 0.1	40	43.62	6.23	17.02	0.256	17.89	9.34	0.57	0.26	1.37	0.09	0.042	3.47
WD13-003-035	0.1	< 0.1	< 0.1	< 0.05	0.1	0.004	264	0.05	5.03	0.1	< 0.1	< 10	45.22	22.18	7.09	0.088	8.83	12.85	1.25	0.12	0.10	0.01	0.010	2.52

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 8 2013 7:31PM	Mar 18 2013 12:57PM	Mar 18 2013 12:57PM	Mar 18 2013 12:57PM
WD13-003-001	98.85	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-003-002	99.86	0.03	0.030	< 0.004	0.007	0.05	538	2040	530
WD13-003-003	100.0	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	1.2	0.5
WD13-003-004	100.2	0.01	0.030	0.006	0.010	0.04	< 1	7.8	6.7
WD13-003-005	99.68	< 0.01	0.003	0.006	0.013	0.62	2	9.3	9.7
WD13-003-006	99.63	0.05	0.012	0.006	0.008	0.51	2	8.6	9.1
WD13-003-007	100.1	< 0.01	0.009	0.004	0.010	0.46	1	10.4	11.5
WD13-003-008	100.1	0.05	0.020	0.005	0.012	0.24	< 1	6.4	7.7
WD13-003-009	100.6	0.17	0.046	0.010	< 0.004	0.02	< 1	3.8	6.0
WD13-003-010	99.88	0.16	0.045	0.007	0.004	0.03	< 1	3.7	5.0
WD13-003-011	100.2	0.09	0.029	0.007	0.006	0.41	< 1	6.9	8.8
WD13-003-012	100.6	0.05	0.023	0.006	0.006	0.09	< 1	7.7	8.2
WD13-003-013	100.5	< 0.01	0.007	0.004	0.013	0.24	< 1	9.2	9.7
WD13-003-014	100.0	0.01	0.008	0.006	0.013	0.04	< 1	8.6	8.8
WD13-003-015	100.1	< 0.01	0.020	0.006	0.014	0.09	2	9.7	10.4
WD13-003-016	99.96	0.02	0.011	0.006	0.014	0.15	2	7.4	8.4
WD13-003-017	99.70	0.14	0.094	0.011	0.020	0.22	1	5.7	6.0
WD13-003-018	100.3	0.14	0.095	0.011	0.017	0.08	2	5.3	5.5
WD13-003-019	98.77	0.14	0.093	0.010	0.018	0.08	2	5.3	6.4
WD13-003-020	100.5	0.08	0.064	0.004	0.018	0.10	1170	6030	1290
WD13-003-021	99.75	0.15	0.098	0.012	0.018	0.08	1	6.6	5.9
WD13-003-022	99.64	0.14	0.095	0.011	0.021	0.08	2	8.2	5.8
WD13-003-023	100.1	0.14	0.092	0.010	0.017	0.07	2	7.1	5.9
WD13-003-024	99.94	0.15	0.099	0.010	0.018	0.07	3	6.5	6.0
WD13-003-025	99.85	0.15	0.105	0.010	0.018	0.09	5	7.7	7.4
WD13-003-026	100.5	0.16	0.112	0.012	0.018	0.08	5	6.9	7.1
WD13-003-027	99.83	0.14	0.101	0.011	0.021	0.09	3	6.0	6.3
WD13-003-028	100.6	0.15	0.107	0.011	0.017	0.09	3	6.6	7.0
WD13-003-029	100.4	0.16	0.136	0.012	0.022	0.11	2	5.4	5.4
WD13-003-030	100.3	0.16	0.109	0.011	0.012	0.08	2	5.8	6.0
WD13-003-031	99.96	0.16	0.109	0.011	0.021	0.08	4	5.4	5.5
WD13-003-032	100.5	0.16	0.110	0.011	0.019	2.22	3	5.6	5.9
WD13-003-033	100.0	0.15	0.102	0.010	0.021	0.15	4	6.3	6.3
WD13-003-034	100.4	0.16	0.108	0.011	0.012	0.31	1	6.3	5.7
WD13-003-035	100.4	0.08	0.064	0.004	0.018	0.10	1180	6400	1430

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58
MICA-FE LABSTD													34.42	19.55	25.63	0.352	4.58	0.45	0.38	8.78	2.52	0.45	0.025	
CHR-BKG LABSTD													15.15	12.93	13.89	0.141	23.52	0.06			0.14			
AN-G LABSTD													46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
BE-N LABSTD													38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040	
AC-E LABSTD													70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.45	2.19				27.95						
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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WD13-003-002	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	246	0.06	3.56	0.8	0.3	40												
Replicate Original																								
WD13-003-002 LABDUP	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	183	0.07	3.67	0.8	0.3	30												
WD13-003-010																								
Replicate Original																								
WD13-003-010 LABDUP																								
WD13-003-020																								
Replicate Original																								
WD13-003-020 LABDUP																								
WD13-003-030													41.45	6.11	17.70	0.256	18.70	9.18	0.42	0.06	1.48	0.11	0.044	4.12
Replicate Original																								
WD13-003-030 LABDUP													41.77	6.18	17.84	0.258	18.83	9.24	0.42	0.06	1.49	0.11	0.046	4.10
WD13-003-031	0.3	< 0.1	< 0.1	< 0.05	0.1	0.019	< 5	< 0.02	0.57	0.8	0.1	60												
Replicate Original																								
WD13-003-031 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.2	0.015	< 5	< 0.02	0.43	0.8	< 0.1	20												
WD13-003-032	0.4	< 0.1	0.1	< 0.05	0.1	0.020	< 5	0.04	0.56	0.8	0.1	30												
Replicate Original																								
WD13-003-032 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.1	0.024	< 5	0.03	0.58	0.7	0.1	< 10												
WD13-003-034 Split	0.3	< 0.1	0.1	< 0.05	< 0.1	0.023	< 5	0.19	1.22	0.7	< 0.1	40	43.62	6.23	17.02	0.256	17.89	9.34	0.57	0.26	1.37	0.09	0.042	3.47
Original																								
WD13-003-034 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.015	< 5	0.19	1.30	0.7	< 0.1	< 10	43.67	5.95	16.92	0.250	17.42	9.15	0.54	0.25	1.32	0.09	0.041	3.43

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-08 19:31:02	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-002 Replicate Original									
WD13-003-002 LABDUP									
WD13-003-010 Replicate Original						0.03	1	3.8	5.0
WD13-003-010 LABDUP						0.03	< 1	3.7	5.0
WD13-003-020 Replicate Original						0.10	1230	6060	1310
WD13-003-020 LABDUP						0.10	1110	6010	1270
WD13-003-030 Replicate Original	99.92	0.16	0.108	0.011	0.012	0.08	2	6.1	6.2
WD13-003-030 LABDUP	100.6	0.16	0.110	0.011	0.012	0.08	2	5.6	5.8
WD13-003-031 Replicate Original									
WD13-003-031 LABDUP									
WD13-003-032 Replicate Original									
WD13-003-032 LABDUP									
WD13-003-034 Split Original	100.4	0.16	0.108	0.011	0.012	0.31	1	6.3	5.7
WD13-003-034 LABPREP	99.30	0.15	0.097	0.012	0.011	0.32	1	6.0	5.5



Date Submitted: 25-Feb-13
Invoice No.: A13-02114
Invoice Date: 25-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02114**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02114

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	
WD13-003-036	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 5	0.03	3.79	< 0.1	0.3	< 10	9.22	0.07	0.057	21.01	28.49	< 0.01	< 0.01	0.02	0.01	0.003	40.19	
WD13-003-037	0.6	< 0.1	0.1	< 0.05	0.1	0.001	< 5	0.06	3.55	0.8	0.2	< 10	59.98	15.76	6.55	0.097	4.60	6.73	2.43	0.75	0.45	0.10	0.019	2.10
WD13-003-038	0.8	0.1	0.2	< 0.05	15.6	< 0.001	< 5	0.06	2.63	1.1	0.3	< 10	68.71	12.29	5.03	0.089	2.22	3.67	3.01	1.05	0.61	0.14	0.020	1.86
WD13-003-039	0.3	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.38	1.41	0.6	< 0.1	< 10	44.58	6.38	16.05	0.251	17.42	8.41	0.59	0.31	1.21	0.07	0.040	4.03
WD13-003-040	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.67	0.6	< 0.1	< 10	42.07	5.88	17.19	0.249	17.95	9.99	0.47	0.06	1.40	0.10	0.044	4.79
WD13-003-041	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.33	0.6	< 0.1	< 10	41.87	5.99	18.12	0.242	18.69	8.60	0.39	0.05	1.45	0.10	0.043	4.18
WD13-003-042	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.35	0.74	0.7	< 0.1	< 10	43.87	5.78	17.28	0.283	17.74	8.60	0.48	0.15	1.34	0.09	0.042	3.94
WD13-003-043	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.35	2.12	0.8	< 0.1	< 10	46.98	7.03	15.89	0.248	16.14	7.97	0.71	0.22	1.15	0.07	0.038	3.81
WD13-003-044	1.3	0.2	0.4	< 0.05	0.2	< 0.001	< 5	0.16	4.55	1.0	0.2	< 10	52.72	14.13	13.93	0.294	3.19	5.99	3.27	1.22	0.93	0.08	0.044	4.27
WD13-003-045	1.7	0.3	0.3	< 0.05	0.2	0.003	< 5	0.15	4.12	0.8	0.2	< 10	51.84	14.83	15.30	0.292	2.67	6.02	2.58	1.49	0.94	0.08	0.049	3.57
WD13-003-046	1.9	0.3	0.7	< 0.05	0.4	0.015	< 5	0.17	5.86	3.1	0.5	20	56.78	13.98	14.96	0.405	1.94	3.51	2.36	2.02	0.85	0.30	0.022	2.89
WD13-003-047	1.9	0.3	0.4	< 0.05	0.3	0.004	< 5	0.13	5.86	3.3	0.5	< 10	60.50	15.90	9.07	0.421	1.92	3.49	2.73	2.22	1.01	0.40	0.023	2.21
WD13-003-048	1.5	0.2	0.2	< 0.05	0.2	0.008	< 5	0.09	1.45	3.0	0.4	< 10	58.99	16.18	9.10	0.442	1.86	5.10	2.65	2.22	1.25	0.48	0.027	1.96
WD13-003-049	1.3	0.2	0.4	< 0.05	0.2	0.011	< 5	0.08	1.76	2.9	0.4	< 10	61.46	16.43	7.72	0.338	1.89	3.96	2.77	2.33	1.02	0.30	0.031	2.21
WD13-003-050	0.4	< 0.1	0.3	< 0.05	0.2	0.014	< 5	1.08	47.1	0.7	0.2	< 10	23.50	3.91	49.68	0.934	2.76	1.71	0.19	0.46	0.21	0.04	0.009	17.03
WD13-003-051	0.8	0.1	0.7	< 0.05	0.5	0.028	< 5	0.20	26.5	4.3	0.7	20	55.34	13.65	16.64	0.122	3.18	1.56	2.57	1.52	0.40	0.11	0.009	5.21
WD13-003-052	0.4	< 0.1	0.2	< 0.05	0.3	0.022	< 5	0.09	2.63	5.0	0.9	20	68.46	16.43	3.47	0.047	1.37	2.77	3.99	1.67	0.44	0.11	0.008	1.61
WD13-003-053	0.6	< 0.1	0.6	< 0.05	0.3	0.010	< 5	0.08	7.70	5.1	1.0	< 10	66.36	15.21	4.44	0.071	2.32	2.25	2.45	3.36	0.42	0.12	0.011	2.25
WD13-003-054	0.6	< 0.1	0.4	< 0.05	0.3	0.011	< 5	0.06	5.03	5.0	0.9	< 10	67.00	15.32	4.33	0.069	1.88	3.07	3.19	2.40	0.42	0.11	0.010	1.82
WD13-003-055	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.007	109	0.04	5.28	0.2	< 0.1	< 10	44.92	21.95	6.97	0.083	8.59	12.63	1.22	0.11	0.09	0.01	0.010	2.69
WD13-003-056	0.4	< 0.1	< 0.1	< 0.05	0.2	0.009	< 5	0.05	3.20	3.7	0.7	< 10	66.94	15.62	3.66	0.057	1.38	3.43	3.96	2.35	0.43	0.15	0.010	1.62
WD13-003-057	0.7	< 0.1	0.5	< 0.05	0.3	0.016	< 5	0.09	5.36	3.9	0.7	< 10	53.84	14.76	10.11	0.174	5.19	8.10	1.90	1.22	0.56	0.20	0.024	3.19
WD13-003-058	0.5	< 0.1	0.5	< 0.05	0.2	0.015	< 5	0.12	6.90	3.1	0.6	< 10	61.28	15.91	8.84	0.128	2.26	3.89	2.45	1.74	0.39	0.09	0.007	3.30
WD13-003-059	0.4	< 0.1	0.4	< 0.05	0.3	0.031	< 5	0.07	3.05	2.7	0.6	50	64.48	17.05	5.77	0.120	1.76	3.87	3.67	1.48	0.40	0.09	0.008	1.83
WD13-003-060	0.3	< 0.1	0.3	< 0.05	0.1	0.021	< 5	0.10	3.10	3.0	0.5	< 10	63.01	20.15	2.98	0.066	1.05	3.90	4.48	2.05	0.43	0.09	0.006	1.81
WD13-003-061	0.5	< 0.1	0.6	< 0.05	0.2	0.017	< 5	0.10	4.35	3.6	0.6	< 10	64.24	16.66	6.61	0.132	1.81	2.74	3.43	1.59	0.45	0.07	0.009	2.36
WD13-003-062	0.6	< 0.1	0.8	< 0.05	0.3	0.030	66	0.10	3.14	3.5	0.6	10	64.91	15.82	6.72	0.145	1.93	3.14	3.04	1.57	0.47	0.09	0.013	1.87
WD13-003-063	0.4	< 0.1	0.5	< 0.05	0.2	0.024	< 5	0.07	3.09	3.7	0.7	30	65.98	16.47	1.91	0.026	0.90	2.69	3.52	1.89	0.42	0.09	0.008	6.12
WD13-003-064	0.5	< 0.1	0.5	0.12	0.1	0.009	< 5	0.13	63.3	2.1	0.4	< 10	67.32	15.73	5.68	0.133	1.17	2.70	3.06	1.85	0.47	0.09	0.014	1.92
WD13-003-065	0.4	< 0.1	0.6	< 0.05	0.1	0.013	< 5	0.10	3.40	1.9	0.4	< 10	70.04	14.98	4.34	0.105	1.07	2.66	2.80	1.94	0.42	0.06	0.011	1.81
WD13-003-066	0.2	< 0.1	0.4	< 0.05	0.1	0.019	< 5	0.07	4.59	1.5	0.3	< 10	71.79	14.95	2.47	0.074	0.92	2.41	2.97	2.93	0.32	0.08	0.005	1.58
WD13-003-067	0.2	< 0.1	0.4	< 0.05	0.1	< 0.001	17	0.05	2.07	1.4	0.3	60	71.10	14.68	3.15	0.093	1.08	2.42	2.71	3.52	0.30	0.08	0.004	1.50
WD13-003-068	0.3	< 0.1	0.3	< 0.05	0.1	0.007	40	0.08	2.53	1.4	0.3	70	65.15	14.05	8.57	0.239	1.80	2.87	2.64	1.88	0.31	0.07	0.007	2.27
WD13-003-069	0.2	< 0.1	0.4	< 0.05	0.1	0.003	81	0.06	1.64	1.4	0.3	80	71.00	15.18	2.51	0.071	1.08	2.50	3.31	2.77	0.30	0.07	0.006	1.59
WD13-003-070	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.009	372	0.03	4.20	0.1	< 0.1	90	45.28	22.20	6.97	0.085	8.66	12.65	1.25	0.12	0.09	0.01	0.009	2.51

Activation Laboratories Ltd. Report: A13-02114

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS	FUS-XRF
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb	%
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt	Cr2O3
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS) 4C (1-10)
Date Analyzed	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 8 2013 7:31PM	Mar 19 2013 2:51PM	Mar 19 2013 2:51PM	Mar 19 2013 2:51PM	Mar 19 2013 2:51PM
WD13-003-036	99.22	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	3.0	< 0.1	
WD13-003-037	99.62	0.03	0.023	< 0.004	0.008	0.06	499	2120	465	
WD13-003-038	98.71	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	0.7	0.5	
WD13-003-039	99.59	0.14	0.096	0.010	0.014	0.59	1	7.9	6.0	
WD13-003-040	100.5	0.16	0.104	0.011	0.021	0.13	3	7.0	6.1	
WD13-003-041	100.0	0.16	0.113	0.011	0.021	0.15	5	6.9	6.4	
WD13-003-042	99.88	0.15	0.104	0.010	0.017	0.46	1	6.8	6.9	
WD13-003-043	100.5	0.14	0.093	0.010	0.014	0.90	1	5.5	5.9	
WD13-003-044	100.1	0.02	0.026	0.006	0.013	4.55	2	< 0.1	0.5	
WD13-003-045	99.72	0.02	0.026	0.008	0.010	3.46	4	< 0.1	0.5	
WD13-003-046	100.1	0.02	0.012	0.004	0.005	2.77	2	< 0.1	0.2	
WD13-003-047	99.95	0.03	0.018	< 0.004	0.004	0.57	< 1	< 0.1	0.3	
WD13-003-048	100.3	0.04	0.035	0.004	< 0.004	0.25	< 1	< 0.1	0.5	
WD13-003-049	100.5	0.03	0.016	0.004	0.006	0.19	< 1	1.2	2.3	
WD13-003-050	100.5	< 0.01	0.028	0.018	0.042	28.0	15	< 0.1	1.5	
WD13-003-051	100.3	< 0.01	0.011	< 0.004	0.008	2.27	2	< 0.1	0.2	
WD13-003-052	100.4	< 0.01	0.005	< 0.004	< 0.004	0.06	< 1	< 0.1	0.1	
WD13-003-053	99.27	< 0.01	< 0.003	< 0.004	< 0.004	0.07	2	< 0.1	0.4	
WD13-003-054	99.62	< 0.01	< 0.003	< 0.004	< 0.004	0.03	< 1	< 0.1	0.2	
WD13-003-055	99.43	0.08	0.063	0.004	0.017	0.11	1140	6150	1320	
WD13-003-056	99.62	< 0.01	< 0.003	< 0.004	< 0.004	0.04	< 1	0.1	0.2	
WD13-003-057	99.29	0.01	0.007	< 0.004	0.007	1.02	1	2.4	1.1	
WD13-003-058	100.3	< 0.01	< 0.003	0.004	0.006	2.17	2	1.0	0.4	
WD13-003-059	100.5	< 0.01	0.009	< 0.004	< 0.004	0.15	< 1	0.7	0.3	
WD13-003-060	100.0	< 0.01	0.004	< 0.004	< 0.004	< 0.01	< 1	< 0.1	0.3	
WD13-003-061	100.1	< 0.01	0.004	< 0.004	0.008	0.69	2	< 0.1	0.3	
WD13-003-062	99.74	< 0.01	0.003	< 0.004	< 0.004	0.38	< 1	1.4	1.4	
WD13-003-063	100.0	< 0.01	< 0.003	< 0.004	< 0.004	0.08	< 1	< 0.1	0.2	
WD13-003-064	100.2	< 0.01	0.005	< 0.004	< 0.004	0.66	1	< 0.1	0.5	
WD13-003-065	100.2	< 0.01	0.003	< 0.004	< 0.004	0.44	< 1	0.6	0.5	
WD13-003-066	100.5	< 0.01	< 0.003	< 0.004	< 0.004	0.10	1	< 0.1	0.3	
WD13-003-067	100.6	< 0.01	< 0.003	< 0.004	< 0.004	0.13	1	< 0.1	0.3	
WD13-003-068	99.86	< 0.01	< 0.003	< 0.004	< 0.004	0.72	1	< 0.1	0.4	
WD13-003-069	100.4	< 0.01	0.006	< 0.004	< 0.004	0.04	1	< 0.1	0.3	
WD13-003-070	100.00	0.08	0.064	0.004	0.018	0.11	1190	5840	1380	

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	
GXR-1 LABSTD	5.9	0.9	13	0.038	0.17	0.42	0.03	1530	0.84	0.9	77	11.6	768	22.6	8.1	42.0	1180	856	4.53		410	17.5	2.1	206
GXR-1 LABSTD	6.4	1.1	12	0.036	0.17	0.38	0.04	1550	0.88	1.1	81	7.8	824	23.1	8.2	40.8	1180	893	4.99		427	17.9	2.1	175
MICA-FE LABSTD																								
GXR-4 LABSTD	10.2	1.5	5	0.108	1.60	2.82	1.63	20.3	0.81	6.0	73	53.1	125	2.58	13.6	39.3	6100	74.2	11.1		97.3	5.5	92.0	73.5
GXR-4 LABSTD	11.4	2.2	4	0.108	1.65	2.80	1.68	17.9	0.85	6.7	78	55.1	126	2.66	14.0	38.8	6320	76.9	11.3		97.5	6.4	90.7	66.1
CHR-BKG LABSTD																								
AN-G LABSTD																								
GXR-6 LABSTD	29.5	0.2	7	0.055	0.44	7.39	1.16	0.16	0.14	21.9	158	75.1	883	4.86	13.2	23.0	64.4	130	18.3		201	< 0.1	68.0	31.4
GXR-6 LABSTD	33.9	0.8	6	0.055	0.46	7.95	1.20	0.18	0.15	23.5	167	81.1	938	5.03	13.8	24.3	67.3	133	16.3		211	0.5	65.1	30.1
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	15.8	1.1		0.025	0.40	1.25	0.34	1.45	0.29	3.5	34	84.6	3320	2.53	9.4	41.7	289	874	6.07		32.4	0.6	29.9	30.2
SAR-M (U.S.G.S.) LABSTD	18.2	0.4		0.023	0.40	1.26	0.32	1.57	0.30	3.6	34	89.0	3410	2.50	9.6	43.8	301	876	5.76		33.5	1.8	26.4	28.3
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-044 Replicate Original																								
WD13-003-044 LABDUP																								
WD13-003-045 Replicate Original																								
WD13-003-045 LABDUP																								
WD13-003-053 Replicate Original	103	2.6	14	0.162	1.67	3.16	0.48	0.04	0.95	7.7	60	66.1	490	2.89	11.9	23.0	31.9	63.5	11.6	0.1	1.2	1.8	15.1	41.8
WD13-003-053 LABDUP	97.2	2.4	13	0.155	1.62	3.08	0.47	0.04	0.92	7.4	58	64.5	483	3.02	12.3	24.4	36.0	65.1	11.3	0.1	1.0	1.9	15.3	41.7
WD13-003-054 Replicate Original																								
WD13-003-054 LABDUP																								
WD13-003-055 Replicate Original																								
WD13-003-055 LABDUP																								
WD13-003-058 Replicate Original																								
WD13-003-058 LABDUP																								
WD13-003-064 Replicate Original																								
WD13-003-064 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

WD13-003-065 Replicate Original																								
WD13-003-065 Split Original	38.2	1.4	7	0.148	0.58	2.02	0.44	0.05	0.58	4.9	42	44.8	574	2.26	12.7	26.4	31.3	75.9	7.69	0.1	1.5	2.0	14.1	23.3
WD13-003-065 LABDUP																								
WD13-003-065 LABPREP	41.9	2.0	7	0.163	0.63	2.15	0.46	0.06	0.62	5.3	45	47.3	600	2.41	13.8	28.0	33.7	82.6	8.18	0.1	1.4	2.2	14.3	24.7
WD13-003-068 Replicate Original	58.2	1.7	6	0.167	1.00	2.49	0.33	0.04	0.90	4.2	37	30.5	1250	4.47	12.2	21.4	19.9	86.0	10.4	< 0.1	1.0	1.8	10.0	29.5
WD13-003-068 LABDUP																								
WD13-003-070 Replicate Original	58.5	1.9	6	0.166	0.97	2.40	0.33	0.04	0.86	4.0	36	29.4	1210	4.33	12.0	20.8	19.4	83.3	10.1	0.1	1.1	1.8	9.7	28.4
WD13-003-070 Replicate Original	2.5	1.5	3	0.580	2.44	8.43	0.04	0.09	5.94	2.1	16	130	259	2.54	24.3	429	165	20.6	8.23	< 0.1	3.0	2.3	1.2	68.6
WD13-003-070 LABDUP	3.0	1.3	3	0.645	2.76	9.50	0.05	0.09	6.64	2.3	17	145	287	2.77	26.7	467	180	22.7	9.13	< 0.1	3.1	2.1	1.3	74.7

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	
GXR-1 LABSTD	27.1	8.8	< 0.1	17.5	33.6	2.48	0.71	24.2	61.9	13.1	2.53	196	5.7	11.5		6.66	2.3	0.5	3.5	0.7	4.7		0.4	
GXR-1 LABSTD	26.6	8.7	< 0.1	17.4	32.9	2.54	0.73	23.2	79.4	14.0	2.53	104	5.3	10.3		6.34	2.2	0.5	3.3	0.7	4.5		0.4	
MICA-FE LABSTD																								
GXR-4 LABSTD	11.3	8.4	0.2	300	3.19	0.19	0.18	4.90	1.58	0.65	2.26	8.2	46.4	88.3		34.6	5.3	1.2	3.9	0.5	2.5		0.1	
GXR-4 LABSTD	10.7	7.6	0.4	292	3.94	0.25	0.19	4.97	2.89	1.10	2.13	8.5	39.1	75.8		30.2	4.6	1.1	3.4	0.4	2.2		0.1	
CHR-BKG LABSTD																								
AN-G LABSTD																								
GXR-6 LABSTD	6.67	5.4	< 0.1	0.67	0.271	< 0.01	0.04	0.83	0.47	< 0.02	3.38	869	11.1	31.4		11.1	2.2	0.6	1.9	0.3	1.6		0.1	
GXR-6 LABSTD	6.43	5.5	< 0.1	1.47	0.396	0.11	0.05	0.88	1.31	< 0.02	3.18	822	10.4	29.5		10.6	2.1	0.5	1.8	0.3	1.5		0.1	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	22.4		3.1	10.6	3.39	3.97	0.80	1.75	1.70	0.60	2.18	169	49.2	105										
SAR-M (U.S.G.S.) LABSTD	21.4		2.4	10.8	2.87	4.04	0.82	1.84	2.71	0.70	1.90	156	47.6	99.1										
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-044 Replicate Original																								
WD13-003-044 LABDUP																								
WD13-003-045 Replicate Original																								
WD13-003-045 LABDUP																								
WD13-003-053 Replicate Original	6.42	27.5	0.3	1.35	0.275	0.18	0.02	0.79	0.08	0.91	2.97	55.0	18.6	36.7	4.1	14.7	2.4	0.6	2.0	0.3	1.5	0.3	0.7	0.1
WD13-003-053 LABDUP	6.38	25.3	0.3	1.32	0.175	0.21	< 0.02	0.76	0.09	0.78	3.06	55.5	18.4	35.2	4.0	14.4	2.4	0.6	2.0	0.3	1.5	0.3	0.7	< 0.1
WD13-003-054 Replicate Original																								
WD13-003-054 LABDUP																								
WD13-003-055 Replicate Original																								
WD13-003-055 LABDUP																								
WD13-003-058 Replicate Original																								
WD13-003-058 LABDUP																								
WD13-003-064 Replicate Original																								
WD13-003-064 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

WD13-003-065 Replicate Original																								
WD13-003-065 Split Original	4.48	24.7	0.2	1.60	0.140	0.21	< 0.02	0.37	0.09	0.83	2.56	52.8	11.5	21.7	2.4	9.06	1.6	0.4	1.4	0.2	1.0	0.2	0.5	< 0.1
WD13-003-065 LABDUP																								
WD13-003-065 LABPREP	4.66	25.5	0.2	1.62	0.154	0.24	< 0.02	0.38	0.10	1.00	2.61	55.0	12.0	23.1	2.6	9.54	1.7	0.4	1.4	0.2	1.0	0.2	0.5	< 0.1
WD13-003-068 Replicate Original	3.65	13.0	0.1	0.93	0.093	0.21	< 0.02	0.35	0.13	0.58	3.39	40.0	8.6	16.2	1.8	7.11	1.3	0.3	1.1	0.1	0.7	0.1	0.4	< 0.1
WD13-003-068 LABDUP	3.55	12.6	0.1	0.92	0.097	0.19	< 0.02	0.32	0.15	0.68	3.24	37.9	8.3	15.6	1.7	6.63	1.3	0.3	1.1	0.1	0.7	0.1	0.4	< 0.1
WD13-003-070 Replicate Original	0.66	0.7	< 0.1	6.53	0.178	0.14	< 0.02	1.31	0.76	1.04	0.11	13.6	1.2	4.87	0.2	0.73	0.1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1
WD13-003-070 LABDUP	0.73	0.7	< 0.1	6.81	0.217	0.14	< 0.02	1.37	0.81	0.82	0.12	14.9	1.3	5.22	0.2	0.78	0.1	0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.1

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	
GXR-1 LABSTD	2.1	0.3	0.2	< 0.05	157		3430	0.38	734	1.9	31.4	3390													
GXR-1 LABSTD	2.0	0.3	0.2	< 0.05	139		3280	0.37	693	1.7	31.0	3800													
MICA-FE LABSTD																									
GXR-4 LABSTD	0.7	< 0.1	0.2	< 0.05	13.8			2.64	41.2	16.9	4.2														
GXR-4 LABSTD	0.8	< 0.1	0.2	< 0.05	9.5			2.48	37.5	15.2	4.0														
CHR-BKG LABSTD																									
AN-G LABSTD														15.15	12.93	13.89	0.141	23.52	0.06						
GXR-6 LABSTD	0.8	0.1	< 0.1	< 0.05	< 0.1			1.77	95.2	3.9	1.1														
GXR-6 LABSTD	0.7	0.1	< 0.1	< 0.05	< 0.1			1.77	90.7	4.4	0.7														
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040	
AC-E LABSTD														70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
OREAS 13P LABSTD																									
OREAS 14P LABSTD																									
Oreas 74a (Fusion) LABSTD														32.45	2.19				27.95						
SAR-M (U.S.G.S.) LABSTD					2.2			1.21	814	11.8	1.9														
SAR-M (U.S.G.S.) LABSTD					1.9			1.22	786	11.0	1.8														
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-044 Replicate Original																									
WD13-003-044 LABDUP																									
WD13-003-045 Replicate Original																									
WD13-003-045 LABDUP																									
WD13-003-053 Replicate Original	0.6	< 0.1	0.6	< 0.05	0.3	0.014	< 5	0.08	7.76	5.0	1.0	< 10													
WD13-003-053 LABDUP	0.6	< 0.1	0.6	< 0.05	0.3	0.005	< 5	0.07	7.64	5.1	1.0	< 10													
WD13-003-054 Replicate Original																									
WD13-003-054 LABDUP																									
WD13-003-055 Replicate Original																									
WD13-003-055 LABDUP																									
WD13-003-058 Replicate Original														61.28	15.91	8.79	0.126	2.25	3.88	2.44	1.73	0.39	0.09	0.007	3.33
WD13-003-058 LABDUP														61.28	15.92	8.88	0.131	2.28	3.90	2.46	1.75	0.40	0.08	0.007	3.28
WD13-003-064 Replicate Original																									
WD13-003-064 LABDUP																									

Activation Laboratories Ltd. Report: A13-02114

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58

WD13-003-065 Replicate Original	0.4	< 0.1	0.6	< 0.05	0.1	0.013	< 5	0.10	3.40	1.9	0.4	< 10	70.04	14.98	4.34	0.105	1.07	2.66	2.80	1.94	0.42	0.06	0.011	1.81
WD13-003-065 LABDUP	0.4	< 0.1	0.6	< 0.05	0.1	0.012	< 5	0.09	3.61	2.0	0.4	< 10	70.10	14.60	4.27	0.104	1.05	2.62	2.77	1.89	0.41	0.06	0.011	1.67
WD13-003-065 LABPREP	0.4	< 0.1	0.6	< 0.05	0.1	0.012	< 5	0.09	3.61	2.0	0.4	< 10	70.10	14.60	4.27	0.104	1.05	2.62	2.77	1.89	0.41	0.06	0.011	1.67
WD13-003-068 Replicate Original	0.3	< 0.1	0.3	< 0.05	0.2	0.007	29	0.07	2.60	1.5	0.3	90												
WD13-003-068 LABDUP	0.3	< 0.1	0.3	< 0.05	0.1	0.006	51	0.08	2.45	1.4	0.3	50												
WD13-003-070 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.008	372	0.03	4.01	0.2	< 0.1	90												
WD13-003-070 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.3	0.009	373	0.04	4.40	0.1	< 0.1	90												

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-08 19:31:02	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

GXR-1 LABSTD									
GXR-1 LABSTD									
MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
GXR-4 LABSTD									
GXR-4 LABSTD									
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
GXR-6 LABSTD									
GXR-6 LABSTD									
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
OREAS 13P LABSTD			0.224		0.248				
OREAS 14P LABSTD			2.11	0.076	0.998				
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
SAR-M (U.S.G.S.) LABSTD									
SAR-M (U.S.G.S.) LABSTD									
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-044 Replicate Original							2	< 0.1	0.4
WD13-003-044 LABDUP							2	< 0.1	0.5
WD13-003-045 Replicate Original						3.47			
WD13-003-045 LABDUP						3.44			
WD13-003-053 Replicate Original									
WD13-003-053 LABDUP									
WD13-003-054 Replicate Original						< 1	< 0.1	0.3	
WD13-003-054 LABDUP						< 1	< 0.1	0.2	
WD13-003-055 Replicate Original						0.11			
WD13-003-055 LABDUP						0.11			
WD13-003-058 Replicate Original	100.2	< 0.01	0.003	0.004	0.006				
WD13-003-058 LABDUP	100.4	< 0.01	< 0.003	0.004	0.006				
WD13-003-064 Replicate Original							1	< 0.1	0.5
WD13-003-064 LABDUP							1	< 0.1	0.5

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-08 19:31:02	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

WD13-003-065 Replicate Original						0.44			
WD13-003-065 Split Original	100.2	< 0.01	0.003	< 0.004	< 0.004	0.44	< 1	0.6	0.5
WD13-003-065 LABDUP						0.44			
WD13-003-065 LABPREP	99.57	< 0.01	< 0.003	< 0.004	< 0.004	0.42	1	0.5	0.5
WD13-003-068 Replicate Original									
WD13-003-068 LABDUP									
WD13-003-070 Replicate Original									
WD13-003-070 LABDUP									



Date Submitted: 25-Feb-13
Invoice No.: A13-02115
Invoice Date: 26-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02115**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02115 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	
WD13-003-071	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	3.66	< 0.1	0.3	< 10	7.72	0.10	0.14	0.047	22.04	27.92	< 0.01	< 0.01	0.01	0.02	< 0.003	40.65
WD13-003-072	0.6	< 0.1	0.1	< 0.05	0.1	0.001	13	0.05	3.61	0.8	0.3	40	60.12	15.87	6.56	0.097	4.55	6.70	2.37	0.75	0.45	0.10	0.017	1.93
WD13-003-073	0.7	< 0.1	0.2	< 0.05	13.0	< 0.001	< 5	0.06	2.41	1.0	0.3	< 10	68.89	12.20	5.00	0.088	2.21	3.65	2.98	1.04	0.61	0.14	0.019	1.88
WD13-003-074	0.1	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.07	5.05	1.5	0.3	< 10	71.25	14.65	0.83	0.016	0.89	2.28	3.09	3.58	0.30	0.07	0.004	1.58
WD13-003-075	0.9	0.1	0.3	< 0.05	0.3	< 0.001	< 5	0.09	86.8	1.3	0.3	< 10	59.53	14.06	9.04	0.191	4.55	2.61	2.55	1.98	0.61	0.10	0.023	3.73
WD13-003-076	1.3	0.2	0.5	< 0.05	0.7	< 0.001	< 5	0.11	97.7	1.5	0.4	< 10	54.39	11.99	10.98	0.224	7.46	6.05	1.00	1.65	0.84	0.16	0.040	4.02
WD13-003-077	1.1	0.2	< 0.1	< 0.05	0.5	< 0.001	< 5	0.15	11.1	0.4	< 0.1	< 10	59.17	14.77	9.94	0.223	4.84	4.40	1.27	1.46	1.02	0.08	0.056	2.78
WD13-003-078	1.0	0.2	< 0.1	< 0.05	0.5	< 0.001	< 5	0.15	12.7	0.3	< 0.1	< 10	59.71	12.74	10.39	0.213	5.21	5.81	0.91	0.89	0.88	0.06	0.049	2.70
WD13-003-079	1.4	0.2	< 0.1	< 0.05	0.9	< 0.001	< 5	0.08	7.80	1.2	0.1	< 10	54.04	16.04	10.20	0.221	5.21	6.69	1.94	1.36	1.17	0.14	0.051	3.02
WD13-003-080	1.8	0.3	< 0.1	< 0.05	0.4	0.001	< 5	0.07	3.98	0.6	< 0.1	50	48.95	14.12	13.37	0.293	7.29	9.30	1.38	1.66	1.35	0.12	0.063	1.96
WD13-003-081	1.7	0.2	0.2	< 0.05	0.4	0.004	6	0.09	6.63	0.9	0.2	80	47.83	17.21	12.88	0.205	6.13	8.48	2.30	1.54	1.04	0.11	0.056	2.92
WD13-003-082	1.8	0.3	< 0.1	0.08	0.3	0.008	14	0.10	4.86	0.3	< 0.1	40	42.23	17.99	13.99	0.180	6.41	9.93	1.91	1.31	1.14	0.09	0.061	4.70
WD13-003-083	1.3	0.2	< 0.1	< 0.05	0.2	0.005	7	0.07	3.48	0.2	< 0.1	50	47.07	14.83	13.13	0.252	7.13	11.08	1.23	2.07	0.94	0.07	0.050	2.43
WD13-003-084	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	3.51	0.3	< 0.1	< 10	49.88	15.31	12.84	0.206	5.83	9.44	0.65	2.30	0.96	0.08	0.055	2.41
WD13-003-085	1.3	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	4.01	0.2	< 0.1	20	50.21	15.33	13.77	0.195	5.60	9.11	1.19	1.82	0.98	0.07	0.054	2.06
WD13-003-086	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	6.70	0.2	< 0.1	< 10	49.47	14.56	13.24	0.215	7.40	8.91	3.03	0.81	0.91	0.07	0.055	1.27
WD13-003-087	1.2	0.2	0.1	< 0.05	0.1	< 0.001	23	0.03	6.42	0.2	< 0.1	80	49.40	15.23	12.97	0.218	8.09	7.57	3.26	0.50	0.99	0.08	0.056	1.98
WD13-003-088	1.1	0.2	< 0.1	< 0.05	0.2	0.001	< 5	0.02	3.37	0.2	< 0.1	50	48.82	14.37	13.04	0.207	7.82	8.34	2.50	0.81	0.91	0.07	0.052	1.84
WD13-003-089	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.78	0.2	< 0.1	20	48.63	15.81	12.74	0.199	7.63	8.94	2.66	0.68	0.92	0.07	0.048	1.46
WD13-003-090	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	144	0.03	4.43	0.2	0.1	< 10	45.12	21.94	6.93	0.081	8.59	12.56	1.16	0.11	0.10	0.01	0.011	2.57
WD13-003-091	1.3	0.2	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.87	0.3	< 0.1	< 10	48.70	14.92	13.09	0.195	7.44	8.89	2.44	0.76	0.99	0.08	0.053	1.36
WD13-003-092	1.2	0.2	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.16	0.3	< 0.1	< 10	48.05	15.20	13.17	0.178	7.76	8.33	2.41	0.75	0.95	0.08	0.052	1.67
WD13-003-093	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.64	0.3	< 0.1	20	47.52	14.98	13.36	0.170	8.32	8.04	2.22	0.84	0.99	0.08	0.055	2.12
WD13-003-094	1.2	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	2.59	0.3	< 0.1	30	45.08	15.04	14.01	0.224	9.16	11.04	1.11	0.90	1.13	0.10	0.056	2.37
WD13-003-095	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	2.97	0.3	< 0.1	< 10	45.90	15.54	14.68	0.232	7.90	8.93	1.08	1.64	1.17	0.09	0.058	2.34
WD13-003-096	1.5	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	4.92	1.6	0.3	< 10	48.16	15.37	14.48	0.201	7.62	7.73	1.29	1.36	0.99	0.12	0.062	2.12
WD13-003-097	1.5	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.05	4.13	0.2	< 0.1	< 10	47.22	15.55	14.85	0.248	7.51	9.25	1.26	0.88	1.00	0.08	0.063	2.49
WD13-003-098	1.1	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.12	4.90	1.9	0.3	< 10	62.19	13.92	7.57	0.150	4.19	6.19	1.20	1.18	0.73	0.10	0.032	2.18
WD13-003-099	0.7	0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.10	4.33	1.9	0.3	< 10	67.58	12.28	6.19	0.104	3.46	5.45	1.00	1.13	0.49	0.09	0.021	1.73
WD13-003-100	0.7	0.1	0.7	< 0.05	0.2	< 0.001	< 5	0.11	6.50	3.6	0.5	< 10	69.60	12.01	5.53	0.088	2.40	4.01	1.34	1.61	0.42	0.09	0.013	2.32
WD13-003-101	2.3	0.3	0.2	< 0.05	0.6	< 0.001	< 5	0.10	6.15	1.5	0.2	< 10	53.70	12.40	13.53	0.226	5.42	6.62	0.80	1.30	1.45	0.15	0.058	2.86
WD13-003-102	2.4	0.4	0.1	< 0.05	0.2	< 0.001	< 5	0.04	3.64	0.8	0.2	< 10	57.44	10.48	15.13	0.221	4.50	6.31	0.86	0.48	1.44	0.12	0.062	2.01
WD13-003-103	1.3	0.2	0.2	< 0.05	0.3	< 0.001	< 5	0.09	4.21	1.3	0.2	< 10	54.71	14.50	10.96	0.209	5.94	7.73	0.82	1.23	0.81	0.10	0.044	2.62
WD13-003-104	0.8	0.1	0.3	< 0.05	0.2	< 0.001	< 5	0.11	4.07	1.8	0.2	< 10	63.65	16.21	5.94	0.113	3.17	4.44	1.49	1.74	0.79	0.14	0.028	2.57
WD13-003-105	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	460	0.03	4.51	0.1	< 0.1	40	45.17	22.21	7.01	0.083	8.64	12.62	1.15	0.12	0.09	0.01	0.010	2.58

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 11 2013 1:48PM	Mar 19 2013 3:20PM	Mar 19 2013 3:20PM	Mar 19 2013 3:20PM
WD13-003-071	98.56	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	2	2.4	< 0.1
WD13-003-072	99.58	0.03	0.029	< 0.004	0.007	0.06	454	2040	417
WD13-003-073	98.71	< 0.01	< 0.003	< 0.004	< 0.004	0.04	5	4.6	0.5
WD13-003-074	98.53	< 0.01	< 0.003	< 0.004	< 0.004	0.02	< 1	1.0	0.3
WD13-003-075	99.00	0.01	0.004	0.004	0.004	0.93	1	0.9	0.9
WD13-003-076	98.86	0.03	0.018	0.004	0.007	0.89	2	1.2	1.8
WD13-003-077	100.1	0.02	0.022	0.007	0.012	0.35	1	2.9	1.2
WD13-003-078	99.66	0.03	0.046	0.007	0.019	0.69	3	< 0.1	0.3
WD13-003-079	100.1	0.02	0.035	0.004	0.006	0.14	1	< 0.1	1.3
WD13-003-080	99.91	0.02	0.024	0.007	0.010	0.15	2	0.7	1.8
WD13-003-081	100.8	0.02	0.015	0.005	0.019	0.13	3	2.2	1.9
WD13-003-082	100.0	0.03	0.014	0.005	0.050	0.14	7	3.6	2.6
WD13-003-083	100.3	0.03	0.012	0.005	0.014	0.04	65	1.9	1.5
WD13-003-084	100.1	0.03	0.046	0.006	0.021	0.06	14	2.7	2.1
WD13-003-085	100.5	0.03	0.020	0.006	0.022	0.03	8	3.2	2.4
WD13-003-086	100.0	0.03	0.027	0.006	0.021	0.11	8	3.0	2.3
WD13-003-087	100.4	0.03	0.053	0.006	0.007	0.40	4	0.9	1.5
WD13-003-088	98.82	0.02	0.010	0.005	0.007	0.07	2	2.3	1.5
WD13-003-089	99.84	0.03	0.009	0.006	0.011	0.11	< 1	< 0.1	1.3
WD13-003-090	99.34	0.08	0.063	0.004	0.017	0.10	1180	6310	1360
WD13-003-091	98.97	0.03	0.012	0.005	0.014	0.16	1	1.1	1.1
WD13-003-092	98.65	0.03	0.007	0.004	0.009	0.08	< 1	1.2	1.1
WD13-003-093	98.73	0.02	0.006	0.005	0.009	0.15	1	0.8	0.9
WD13-003-094	100.3	0.03	0.013	0.004	0.007	0.11	1	1.5	1.8
WD13-003-095	99.62	0.03	0.015	0.007	0.009	0.11	1	1.4	2.1
WD13-003-096	99.61	0.04	0.038	0.006	0.022	0.07	4	0.8	1.1
WD13-003-097	100.6	0.05	0.094	0.007	0.009	0.12	2	0.9	1.2
WD13-003-098	99.66	0.01	0.005	< 0.004	0.007	0.24	< 1	0.7	0.7
WD13-003-099	99.54	< 0.01	< 0.003	< 0.004	0.004	0.09	1	3.5	3.3
WD13-003-100	99.44	< 0.01	0.005	< 0.004	0.007	0.96	1	2.5	1.7
WD13-003-101	98.56	< 0.01	0.007	0.004	0.021	0.95	1	0.2	0.1
WD13-003-102	99.09	0.01	< 0.003	0.006	0.018	0.56	2	0.6	0.4
WD13-003-103	99.72	0.02	0.008	0.004	0.013	0.18	1	3.5	2.6
WD13-003-104	100.3	0.01	0.007	< 0.004	0.006	0.08	< 1	1.3	0.9
WD13-003-105	99.85	0.08	0.064	0.004	0.018	0.10	1190	6390	1390

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

MICA-FE LABSTD

CHR-BKG LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

OREAS 13P LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-003-071

Replicate Original

WD13-003-071 LABDUP

WD13-003-078

Replicate Original

WD13-003-078 LABDUP

WD13-003-080

Replicate Original

WD13-003-080 LABDUP

WD13-003-086

Replicate Original

WD13-003-086 LABDUP

WD13-003-088

Replicate Original

WD13-003-088 LABDUP

WD13-003-090

Replicate Original

WD13-003-090 LABDUP

WD13-003-098

Replicate Original

WD13-003-098 LABDUP

WD13-003-100

Replicate Original

WD13-003-100 Split Original

WD13-003-100 LABDUP

WD13-003-100 LABPREP

5.7	0.8	22	0.008	> 10.0	0.04	0.01	0.04	16.9	< 0.1	2	4.3	300	0.08	0.6	7.4	1.90	18.2	< 0.02	< 0.1	1.1	0.9	0.6	162
5.7	0.2	23	0.007	> 10.0	0.04	0.01	0.04	15.8	< 0.1	2	2.9	285	0.08	0.6	7.2	2.04	16.9	< 0.02	< 0.1	1.2	1.0	0.6	163
36.2	1.0	7	0.130	1.04	2.56	0.51	0.14	1.29	6.9	45	27.5	356	2.77	19.0	48.0	72.5	57.0	7.36	< 0.1	0.8	1.2	13.8	19.2
39.6	0.7	7	0.141	1.13	2.75	0.54	0.14	1.37	7.3	48	30.4	380	2.93	19.8	50.8	78.4	64.3	7.83	< 0.1	0.9	1.3	14.6	20.6

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	
MICA-FE LABSTD														34.42	19.55	25.63	0.352	4.58	0.45	0.38	8.78	2.52	0.45	0.025	
CHR-BKG LABSTD														15.15	12.93	13.89	0.141	23.52	0.06			0.14			
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040	
AC-E LABSTD														70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
OREAS 13P LABSTD																									
Oreas 74a (Fusion) LABSTD														32.45	2.19				27.95						
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
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CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-071	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	3.50	< 0.1	0.3	< 10													
Replicate Original																									
WD13-003-071 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	3.82	< 0.1	0.3	< 10													
Replicate Original																									
WD13-003-078																									
Replicate Original																									
WD13-003-078 LABDUP																									
Replicate Original																									
WD13-003-080																									
Replicate Original																									
WD13-003-080 LABDUP																									
Replicate Original																									
WD13-003-086														49.70	14.55	13.21	0.213	7.39	8.88	3.03	0.81	0.91	0.07	0.055	1.28
Replicate Original																									
WD13-003-086 LABDUP														49.23	14.57	13.27	0.217	7.42	8.94	3.03	0.81	0.91	0.07	0.055	1.27
Replicate Original																									
WD13-003-088																									
Replicate Original																									
WD13-003-088 LABDUP																									
Replicate Original																									
WD13-003-090																									
Replicate Original																									
WD13-003-090 LABDUP																									
Replicate Original																									
WD13-003-098																									
Replicate Original																									
WD13-003-098 LABDUP																									
Replicate Original																									
WD13-003-100																									
Replicate Original																									
WD13-003-100 Split Original	0.7	0.1	0.7	< 0.05	0.2	< 0.001	< 5	0.11	6.50	3.6	0.5	< 10	69.60	12.01	5.53	0.088	2.40	4.01	1.34	1.61	0.42	0.09	0.013	2.32	
Replicate Original																									
WD13-003-100 LABDUP																									
Replicate Original																									
WD13-003-100 LABPREP	0.7	0.1	0.7	< 0.05	0.2	< 0.001	< 5	0.11	6.71	3.7	0.5	< 10	70.34	12.11	5.51	0.085	2.49	4.03	1.39	1.62	0.42	0.09	0.012	2.29	

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-11 13:48:53	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						13.9			
OREAS 13P LABSTD			0.224		0.248				
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-071 Replicate Original									
WD13-003-071 LABDUP									
WD13-003-078 Replicate Original							3	< 0.1	0.3
WD13-003-078 LABDUP							3	< 0.1	0.3
WD13-003-080 Replicate Original						0.15			
WD13-003-080 LABDUP						0.15			
WD13-003-086 Replicate Original	100.2	0.03	0.027	0.006	0.022				
WD13-003-086 LABDUP	99.87	0.03	0.026	0.006	0.021				
WD13-003-088 Replicate Original							2	2.4	1.5
WD13-003-088 LABDUP							2	2.2	1.5
WD13-003-090 Replicate Original						0.10			
WD13-003-090 LABDUP						0.10			
WD13-003-098 Replicate Original							< 1	0.7	0.7
WD13-003-098 LABDUP							< 1	0.7	0.7
WD13-003-100 Replicate Original						0.99			
WD13-003-100 Split Original	99.44	< 0.01	0.005	< 0.004	0.007	0.96	1	2.5	1.7
WD13-003-100 LABDUP						0.93			
WD13-003-100 LABPREP	100.4	< 0.01	0.004	< 0.004	0.007	0.94	1	2.4	1.7



Date Submitted: 25-Feb-13
Invoice No.: A13-02116
Invoice Date: 22-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02116**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Activation Laboratories Ltd. Report: A13-02116

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	
WD13-003-106	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.41	< 0.1	0.3	< 10	6.43	< 0.01	0.09	0.053	22.02	28.80	< 0.01	< 0.01	0.01	0.01	< 0.003	41.46
WD13-003-107	0.5	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	3.40	0.9	0.3	< 10	59.88	15.70	6.52	0.093	4.52	6.70	2.37	0.74	0.45	0.10	0.018	1.76
WD13-003-108	0.6	< 0.1	0.2	< 0.05	12.4	< 0.001	< 5	0.05	2.24	0.9	0.3	< 10	69.58	12.17	5.06	0.091	2.21	3.73	2.96	1.05	0.62	0.14	0.019	1.47
WD13-003-109	0.9	0.1	0.3	< 0.05	0.1	< 0.001	< 5	0.10	2.35	3.0	0.4	< 10	69.49	13.56	5.91	0.082	2.43	2.85	0.84	2.08	0.66	0.15	0.013	2.02
WD13-003-110	1.5	0.2	0.3	< 0.05	< 0.1	< 0.001	< 5	0.08	2.38	2.0	0.3	< 10	60.97	13.88	9.74	0.133	3.85	5.05	0.77	1.77	0.99	0.13	0.039	1.98
WD13-003-111	1.8	0.3	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	3.27	0.7	0.1	< 10	50.16	15.00	15.79	0.240	6.34	6.92	0.78	1.32	1.47	0.13	0.064	2.21
WD13-003-112	2.1	0.3	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	3.03	1.0	0.1	< 10	51.12	14.65	14.97	0.212	6.02	7.67	0.87	1.24	1.58	0.17	0.060	1.57
WD13-003-113	1.7	0.2	0.1	< 0.05	0.3	< 0.001	< 5	0.06	2.41	1.7	0.2	< 10	50.67	12.97	12.39	0.242	6.80	11.95	0.75	1.06	1.34	0.22	0.044	1.54
WD13-003-114	1.3	0.2	0.1	< 0.05	0.4	< 0.001	< 5	0.06	2.62	1.4	0.2	< 10	50.76	14.76	11.41	0.208	6.42	10.77	1.14	1.71	1.21	0.19	0.042	1.67
WD13-003-115	1.6	0.2	0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	2.63	2.0	0.2	< 10	52.93	14.99	12.33	0.188	5.15	7.54	3.17	0.50	1.50	0.24	0.049	1.28
WD13-003-116	1.4	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	2.12	0.4	< 0.1	< 10	49.95	14.10	15.16	0.229	6.99	8.51	2.21	0.52	1.09	0.09	0.062	1.33
WD13-003-117	1.5	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.38	0.4	< 0.1	< 10	48.16	14.47	14.90	0.220	8.30	7.98	1.99	0.96	1.09	0.13	0.062	2.12
WD13-003-118	0.9	0.1	0.3	< 0.05	0.3	< 0.001	< 5	< 0.02	1.80	1.5	0.3	< 10	50.80	13.03	10.74	0.162	9.14	6.81	2.70	2.47	1.11	0.32	0.034	2.42
WD13-003-119	0.6	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.03	1.60	1.5	0.3	30	52.78	11.05	9.56	0.159	10.88	7.85	1.97	2.71	0.98	0.32	0.022	2.22
WD13-003-120	0.8	0.1	< 0.1	< 0.05	0.4	< 0.001	7	0.04	3.34	1.8	0.4	30	50.64	13.09	10.12	0.150	10.17	7.06	2.50	1.56	1.15	0.40	0.031	3.26
WD13-003-121	0.6	< 0.1	0.1	< 0.05	0.2	< 0.001	18	0.03	4.90	1.7	0.3	30	51.88	11.30	9.79	0.158	11.13	8.44	2.24	1.15	1.01	0.33	0.028	2.56
WD13-003-122	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	5.75	1.6	0.4	< 10	51.35	11.31	9.92	0.162	10.89	8.07	2.34	1.53	0.99	0.33	0.027	2.48
WD13-003-123	0.9	0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.04	5.05	2.5	0.4	< 10	58.64	12.77	7.42	0.122	7.05	5.50	2.03	1.78	0.86	0.27	0.018	2.29
WD13-003-124	1.3	0.2	0.5	< 0.05	0.3	< 0.001	< 5	0.04	4.31	2.7	0.4	< 10	68.58	13.90	5.05	0.077	2.50	2.69	2.27	2.09	0.60	0.12	0.017	2.51
WD13-003-125	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	55	0.02	3.62	0.1	< 0.1	50	45.01	22.07	6.91	0.083	8.59	12.50	1.17	0.11	0.10	0.01	0.010	2.76
WD13-003-126	1.5	0.2	0.7	< 0.05	0.3	< 0.001	< 5	0.05	4.69	3.3	0.6	50	65.21	15.06	5.70	0.090	2.94	3.87	2.77	1.72	0.78	0.11	0.022	2.36
WD13-003-127	1.7	0.3	0.2	< 0.05	0.2	< 0.001	< 5	0.03	2.41	1.6	0.2	< 10	55.76	13.09	13.30	0.184	4.95	6.49	1.80	1.12	1.35	0.17	0.053	1.67
WD13-003-128	0.7	0.1	0.6	< 0.05	0.2	< 0.001	< 5	0.10	2.37	3.3	0.4	< 10	71.17	14.02	4.13	0.062	2.07	3.19	1.57	1.86	0.54	0.13	0.012	1.88
WD13-003-129	0.8	0.1	0.8	< 0.05	0.1	< 0.001	< 5	0.12	2.57	3.7	0.4	< 10	68.55	14.99	4.77	0.084	2.50	3.49	1.12	2.15	0.60	0.13	0.012	1.90
WD13-003-130	1.4	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.06	2.64	2.6	0.4	< 10	59.51	13.70	7.80	0.170	4.79	8.45	0.70	1.72	0.71	0.11	0.024	2.26
WD13-003-131	1.6	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.60	0.8	0.1	< 10	52.04	14.28	14.73	0.211	6.50	7.38	1.57	0.64	1.26	0.12	0.062	1.35
WD13-003-132	0.6	< 0.1	0.3	< 0.05	< 0.1	< 0.001	< 5	0.13	1.71	2.4	0.3	< 10	69.73	15.85	3.73	0.050	2.10	2.34	1.45	2.38	0.74	0.19	0.018	1.85
WD13-003-133	0.6	< 0.1	0.4	< 0.05	< 0.1	< 0.001	< 5	0.15	2.42	2.4	0.3	< 10	69.50	14.82	3.21	0.077	3.07	3.18	0.85	2.29	0.68	0.17	0.014	1.99
WD13-003-134	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	2.81	2.9	0.4	< 10	71.51	15.02	2.55	0.046	2.09	2.33	0.78	2.94	0.68	0.17	0.014	2.12
WD13-003-135	0.7	0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.15	2.70	2.5	0.3	10	70.68	15.53	2.71	0.049	2.21	2.46	0.79	3.04	0.73	0.18	0.018	2.10
WD13-003-136	0.7	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.15	2.19	2.7	0.3	< 10	71.90	14.99	2.91	0.045	1.82	1.82	0.75	3.00	0.84	0.24	0.013	1.89
WD13-003-137	1.0	0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	2.36	3.0	0.5	< 10	68.22	15.79	3.56	0.054	1.73	2.65	1.89	2.58	0.76	0.22	0.017	2.00
WD13-003-138	1.4	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.04	4.88	3.1	0.9	< 10	59.59	15.40	8.21	0.124	3.02	5.43	2.79	1.48	0.90	0.25	0.021	1.58
WD13-003-139	1.4	0.2	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	5.99	3.5	0.8	< 10	70.74	15.50	2.75	0.048	2.17	2.50	0.78	3.06	0.75	0.18	0.017	1.87
WD13-003-140	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	109	0.02	4.75	0.1	< 0.1	< 10	44.96	22.05	6.92	0.085	8.63	12.53	1.18	0.11	0.10	0.01	0.009	2.51

Activation Laboratories Ltd. Report: A13-02116

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 11 2013 1:48PM	Mar 19 2013 3:11PM	Mar 19 2013 3:11PM	Mar 19 2013 3:11PM
WD13-003-106	98.74	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	1.1	< 0.1
WD13-003-107	98.91	0.03	0.020	< 0.004	0.007	0.05	419	1970	413
WD13-003-108	99.12	< 0.01	0.008	< 0.004	< 0.004	0.04	2	1.2	0.5
WD13-003-109	100.1	< 0.01	0.012	< 0.004	< 0.004	0.16	< 1	0.6	< 0.1
WD13-003-110	99.31	< 0.01	< 0.003	0.004	0.006	0.16	1	< 0.1	< 0.1
WD13-003-111	100.5	0.02	0.009	0.006	0.016	0.26	1	< 0.1	0.7
WD13-003-112	100.2	0.02	0.011	0.005	0.008	0.08	< 1	< 0.1	0.7
WD13-003-113	100.00	< 0.01	0.006	0.004	< 0.004	0.03	1	< 0.1	0.1
WD13-003-114	100.3	< 0.01	0.007	0.004	< 0.004	0.05	< 1	< 0.1	< 0.1
WD13-003-115	99.89	< 0.01	< 0.003	0.005	0.007	0.16	< 1	< 0.1	< 0.1
WD13-003-116	100.3	0.02	0.007	0.005	0.015	0.31	1	< 0.1	0.8
WD13-003-117	100.4	0.02	0.006	0.005	0.009	0.11	< 1	< 0.1	0.9
WD13-003-118	99.82	0.04	0.026	0.004	0.010	0.24	< 1	< 0.1	1.1
WD13-003-119	100.6	0.06	0.036	0.005	< 0.004	0.07	< 1	0.7	1.9
WD13-003-120	100.2	0.05	0.039	0.004	0.006	0.23	1	0.1	1.4
WD13-003-121	100.1	0.06	0.054	0.004	0.006	0.19	< 1	0.6	1.9
WD13-003-122	99.50	0.05	0.035	0.004	0.008	0.32	< 1	0.6	1.8
WD13-003-123	98.81	0.03	0.020	0.004	0.006	0.24	< 1	< 0.1	1.1
WD13-003-124	100.5	0.04	0.057	< 0.004	< 0.004	0.27	< 1	< 0.1	< 0.1
WD13-003-125	99.48	0.08	0.063	0.004	0.018	0.10	1090	6080	1320
WD13-003-126	100.7	< 0.01	0.005	< 0.004	< 0.004	0.19	< 1	0.5	0.1
WD13-003-127	100.1	0.04	0.121	0.007	0.006	0.20	1	1.1	0.2
WD13-003-128	100.7	< 0.01	0.008	< 0.004	< 0.004	0.04	1	0.1	< 0.1
WD13-003-129	100.3	< 0.01	< 0.003	< 0.004	< 0.004	0.04	< 1	< 0.1	0.3
WD13-003-130	99.96	< 0.01	< 0.003	< 0.004	0.004	0.06	< 1	< 0.1	< 0.1
WD13-003-131	100.2	< 0.01	0.006	0.006	0.011	0.11	< 1	< 0.1	< 0.1
WD13-003-132	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.01	< 1	< 0.1	0.2
WD13-003-133	99.88	< 0.01	0.020	< 0.004	< 0.004	0.01	< 1	< 0.1	0.1
WD13-003-134	100.3	< 0.01	0.003	< 0.004	0.007	0.02	< 1	< 0.1	< 0.1
WD13-003-135	100.6	0.01	0.032	< 0.004	< 0.004	0.05	< 1	< 0.1	0.3
WD13-003-136	100.2	< 0.01	< 0.003	< 0.004	< 0.004	0.03	< 1	< 0.1	0.1
WD13-003-137	99.48	< 0.01	< 0.003	< 0.004	< 0.004	0.04	< 1	< 0.1	< 0.1
WD13-003-138	98.80	< 0.01	< 0.003	< 0.004	< 0.004	0.09	2	< 0.1	0.2
WD13-003-139	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.10	< 1	< 0.1	< 0.1
WD13-003-140	99.25	0.07	0.062	0.004	0.018	0.11	1090	6270	1340

Activation Laboratories Ltd. Report: A13-02116

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr			
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

MICA-FE LABSTD																												
CHR-BKG LABSTD																												
AN-G LABSTD																												
BE-N LABSTD																												
AC-E LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
Oreas 74a (Fusion) LABSTD																												
CDN-PGMS-22 LABSTD																												
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WD13-003-112 Replicate Original																												
WD13-003-112 LABDUP																												
WD13-003-114 Replicate Original																												
WD13-003-114 LABDUP																												
WD13-003-115 Replicate Original																												
WD13-003-115 LABDUP																												
WD13-003-122 Replicate Original																												
WD13-003-122 LABDUP																												
WD13-003-125 Replicate Original																												
WD13-003-125 LABDUP																												
WD13-003-132 Replicate Original																												
WD13-003-132 LABDUP																												
WD13-003-135 Replicate Original																												
WD13-003-135 Split Original	49.0	1.4	5	0.237	1.17	3.86	0.97	0.02	1.43	9.7	44	29.7	288	1.46	15.5	23.0	36.6	57.4	9.48	< 0.1	0.7	0.7	35.6	23.1				
WD13-003-135 LABDUP																												
WD13-003-135 LABPREP	52.0	0.3	6	0.250	1.18	3.92	0.99	< 0.02	1.43	9.5	44	29.1	285	1.46	15.2	22.4	36.7	56.2	9.56	< 0.1	1.0	0.6	36.3	23.2				

Activation Laboratories Ltd. Report: A13-02116

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	
MICA-FE LABSTD													34.42	19.55	25.63	0.352	4.58	0.45	0.38	8.78	2.52	0.45	0.025		
CHR-BKG LABSTD													15.15	12.93	13.89	0.141	23.52	0.06			0.14				
AN-G LABSTD													46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011		
BE-N LABSTD													38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040		
AC-E LABSTD													70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11				
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD													32.45	2.19			27.95								
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
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CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-112 Replicate Original																									
WD13-003-112 LABDUP																									
WD13-003-114 Replicate Original													50.33	14.77	11.43	0.210	6.43	10.78	1.13	1.71	1.21	0.19	0.043	1.66	
WD13-003-114 LABDUP													51.19	14.75	11.39	0.207	6.41	10.77	1.15	1.70	1.21	0.18	0.041	1.68	
WD13-003-115 Replicate Original																									
WD13-003-115 LABDUP																									
WD13-003-122 Replicate Original																									
WD13-003-122 LABDUP																									
WD13-003-125 Replicate Original																									
WD13-003-125 LABDUP																									
WD13-003-132 Replicate Original																									
WD13-003-132 LABDUP																									
WD13-003-135 Replicate Original																									
WD13-003-135 Split Original	0.7	0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.15	2.70	2.5	0.3	10	70.68	15.53	2.71	0.049	2.21	2.46	0.79	3.04	0.73	0.18	0.018	2.10	
WD13-003-135 LABDUP																									
WD13-003-135 LABPREP	0.7	0.1	0.3	< 0.05	< 0.1	< 0.001	< 5	0.15	2.69	2.3	0.3	< 10	70.80	15.63	2.70	0.050	2.19	2.45	0.78	3.02	0.74	0.18	0.016	1.94	

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-11 13:48:53	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.9			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-112 Replicate Original						< 1	< 0.1	0.7	
WD13-003-112 LABDUP						< 1	< 0.1	0.7	
WD13-003-114 Replicate Original	99.92	0.01	0.006	0.004	< 0.004				
WD13-003-114 LABDUP	100.7	< 0.01	0.007	0.004	< 0.004				
WD13-003-115 Replicate Original						0.16			
WD13-003-115 LABDUP						0.16			
WD13-003-122 Replicate Original						< 1	0.7	1.8	
WD13-003-122 LABDUP						< 1	0.5	1.7	
WD13-003-125 Replicate Original						0.10			
WD13-003-125 LABDUP						0.10			
WD13-003-132 Replicate Original						< 1	< 0.1	0.2	
WD13-003-132 LABDUP						< 1	< 0.1	0.1	
WD13-003-135 Replicate Original						0.05			
WD13-003-135 Split Original	100.6	0.01	0.032	< 0.004	< 0.004	0.05	< 1	< 0.1	0.3
WD13-003-135 LABDUP						0.05			
WD13-003-135 LABPREP	100.5	< 0.01	0.003	< 0.004	< 0.004	0.05	< 1	< 0.1	0.4



Date Submitted: 27-Feb-13
Invoice No.: A13-02119
Invoice Date: 26-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02119**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02119 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	
WD13-003-141	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	2.70	< 0.1	0.4	< 10	6.46	0.08	0.18	0.051	20.86	29.44	< 0.01	0.01	0.02	0.01	< 0.003	41.98
WD13-003-142	0.6	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.04	3.75	0.8	0.2	< 10	59.92	15.77	6.51	0.097	4.55	6.65	2.38	0.77	0.45	0.10	0.016	1.85
WD13-003-143	0.7	0.1	0.2	< 0.05	16.0	< 0.001	< 5	0.05	2.47	1.0	0.3	< 10	69.15	12.30	5.02	0.090	2.20	3.66	2.96	1.06	0.61	0.14	0.020	1.57
WD13-003-144	1.3	0.2	0.3	< 0.05	0.3	< 0.001	< 5	0.03	3.72	2.0	0.3	< 10	53.26	16.65	9.90	0.146	4.55	6.99	2.81	1.09	1.07	0.20	0.032	2.25
WD13-003-145	1.3	0.2	0.3	< 0.05	0.4	< 0.001	< 5	0.04	3.94	2.1	0.3	< 10	52.79	15.97	10.57	0.183	5.28	7.96	2.26	1.85	1.00	0.21	0.031	1.96
WD13-003-146	1.5	0.2	0.1	< 0.05	0.3	< 0.001	< 5	0.04	2.93	1.8	0.2	< 10	52.48	16.00	11.48	0.202	5.55	6.89	2.39	1.43	1.35	0.21	0.041	2.39
WD13-003-147	1.0	0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.02	1.44	0.2	< 0.1	< 10	46.05	13.38	13.16	0.220	10.44	9.69	1.28	1.07	1.06	0.09	0.050	2.58
WD13-003-148	0.8	0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.02	3.57	0.2	< 0.1	< 10	48.57	14.15	12.48	0.185	9.46	8.16	2.09	1.16	1.04	0.07	0.050	2.14
WD13-003-149	1.0	0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	2.35	0.2	< 0.1	< 10	48.00	14.97	13.31	0.194	9.21	7.37	2.17	0.70	1.12	0.08	0.055	2.20
WD13-003-150	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	3.03	0.2	< 0.1	< 10	47.31	14.86	13.76	0.193	8.54	8.51	1.45	0.96	1.17	0.09	0.055	2.14
WD13-003-151	1.2	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.06	3.04	1.9	0.3	< 10	53.69	13.40	11.13	0.191	6.89	8.24	0.81	1.70	1.02	0.12	0.042	2.10
WD13-003-152	0.5	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.09	2.43	3.0	0.5	< 10	60.53	14.77	6.70	0.097	4.73	5.96	1.78	1.75	0.51	0.10	0.022	2.05
WD13-003-153	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.22	0.9	0.2	< 10	51.44	14.94	11.83	0.188	7.64	8.16	2.35	0.74	0.82	0.08	0.048	1.69
WD13-003-154	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	0.85	0.2	< 0.1	< 10	49.31	14.19	13.43	0.212	8.28	9.55	1.99	0.90	0.90	0.06	0.051	1.35
WD13-003-155	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	0.99	0.2	< 0.1	< 10	48.67	14.95	13.15	0.234	8.35	9.82	2.21	0.62	0.85	0.09	0.051	1.38
WD13-003-156	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.59	0.3	0.1	< 10	50.67	14.24	12.60	0.223	8.07	9.20	2.37	0.85	0.83	0.09	0.048	1.52
WD13-003-157	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.16	0.2	< 0.1	< 10	48.31	14.79	13.10	0.207	7.85	10.54	2.22	0.71	0.81	0.06	0.049	1.27
WD13-003-158	1.3	0.2	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.49	0.4	0.1	< 10	48.25	14.29	13.14	0.220	7.92	10.91	2.51	0.51	0.84	0.10	0.048	1.11
WD13-003-159	1.2	0.2	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	2.15	1.0	0.2	< 10	48.37	13.97	11.93	0.204	8.35	11.92	2.20	0.59	0.82	0.15	0.046	1.61
WD13-003-160	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	218	0.02	4.61	0.1	< 0.1	< 10	45.66	22.27	7.04	0.084	8.77	12.73	1.18	0.11	0.09	0.01	0.009	2.50
WD13-003-161	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.09	0.3	0.1	< 10	49.90	14.90	12.93	0.216	7.04	10.23	2.34	0.65	0.86	0.07	0.051	1.25
WD13-003-162	1.2	0.2	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.53	0.5	0.5	< 10	52.00	14.19	12.13	0.211	6.37	9.74	2.33	0.51	0.78	0.07	0.049	1.38
WD13-003-163	0.7	< 0.1	0.8	< 0.05	< 0.1	< 0.001	< 5	< 0.02	4.36	2.0	2.6	< 10	71.72	13.70	3.19	0.113	1.59	3.49	4.89	0.24	0.23	0.02	0.010	0.85
WD13-003-164	1.1	0.2	0.3	< 0.05	< 0.1	< 0.001	< 5	< 0.02	2.56	1.2	1.2	< 10	59.27	13.74	9.02	0.176	5.23	7.23	2.97	0.66	0.76	0.06	0.046	1.21
WD13-003-165	1.4	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.27	0.4	< 0.1	< 10	51.16	13.20	15.79	0.248	7.68	7.26	1.85	0.49	1.15	0.09	0.065	1.56
WD13-003-166	1.6	0.2	0.2	< 0.05	0.2	< 0.001	< 5	< 0.02	1.18	1.0	0.2	< 10	49.48	14.81	14.46	0.233	6.71	7.76	2.41	1.03	1.21	0.15	0.057	1.53
WD13-003-167	1.7	0.3	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	1.13	0.4	< 0.1	< 10	48.83	13.89	16.43	0.247	7.28	8.04	2.32	0.61	1.33	0.12	0.065	1.45
WD13-003-168	1.5	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.70	0.3	< 0.1	< 10	48.86	14.07	15.43	0.229	7.92	8.37	2.08	0.59	1.19	0.09	0.063	1.52
WD13-003-169	1.0	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	0.41	0.1	< 0.1	< 10	48.79	14.17	13.88	0.215	9.20	8.92	1.93	0.70	0.84	0.06	0.055	1.50
WD13-003-170	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.76	0.1	< 0.1	< 10	49.81	13.73	13.81	0.208	8.84	8.76	1.85	0.97	0.86	0.06	0.054	1.28
WD13-003-171	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.34	0.1	< 0.1	< 10	49.66	14.17	13.03	0.195	8.53	9.55	1.99	0.60	0.82	0.06	0.054	1.22
WD13-003-172	1.0	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.65	0.4	0.1	< 10	48.19	14.63	12.49	0.217	9.20	9.94	2.16	0.76	0.80	0.08	0.051	1.84
WD13-003-173	1.5	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.07	1.99	0.2	< 0.1	< 10	48.92	14.66	13.36	0.202	6.60	10.19	1.32	0.93	1.03	0.08	0.056	1.62
WD13-003-174	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	6.58	0.5	0.1	< 10	48.62	14.25	14.35	0.240	7.96	8.00	1.29	1.01	1.02	0.10	0.052	2.46
WD13-003-175	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	95	0.02	4.82	0.1	< 0.1	< 10	45.12	21.99	6.94	0.082	8.66	12.56	1.19	0.12	0.10	0.01	0.009	2.52

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)
Date Analyzed	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 14 2013 1:10PM	Mar 11 2013 4:36PM	Mar 19 2013 2:37PM	Mar 19 2013 2:37PM	Mar 19 2013 2:37PM
WD13-003-141	99.03	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	1.3	0.8
WD13-003-142	99.13	0.03	0.021	< 0.004	0.007	0.05	469	2070	461
WD13-003-143	98.78	< 0.01	< 0.003	< 0.004	< 0.004	0.04	10	1.1	0.5
WD13-003-144	98.96	< 0.01	0.005	< 0.004	< 0.004	0.04	< 1	0.6	< 0.1
WD13-003-145	100.1	< 0.01	0.006	0.004	< 0.004	0.05	< 1	0.2	< 0.1
WD13-003-146	100.4	< 0.01	0.009	0.004	0.004	0.06	< 1	< 0.1	< 0.1
WD13-003-147	99.12	0.03	0.009	0.005	0.006	0.05	< 1	1.5	3.1
WD13-003-148	99.61	0.03	0.011	0.004	0.008	0.06	1	1.9	3.9
WD13-003-149	99.43	0.03	0.010	0.005	0.007	0.04	< 1	1.6	3.1
WD13-003-150	99.10	0.03	0.017	0.005	0.007	0.05	1	1.7	3.6
WD13-003-151	99.36	< 0.01	0.004	0.004	0.004	0.07	< 1	< 0.1	0.9
WD13-003-152	99.02	0.01	0.006	< 0.004	0.006	0.06	1	4.8	5.5
WD13-003-153	100.00	0.03	0.030	0.005	0.007	0.08	6	0.7	2.5
WD13-003-154	100.3	0.03	0.011	0.006	0.009	0.11	1	< 0.1	1.9
WD13-003-155	100.4	0.03	0.013	0.005	0.005	0.05	< 1	0.3	2.5
WD13-003-156	100.8	0.03	0.014	0.005	0.008	0.14	1	0.1	2.2
WD13-003-157	99.97	0.03	0.011	0.007	0.013	0.16	1	< 0.1	2.1
WD13-003-158	99.91	0.03	0.013	0.005	0.009	0.06	1	< 0.1	1.7
WD13-003-159	100.2	0.03	0.014	0.004	0.010	0.11	< 1	0.4	2.2
WD13-003-160	100.6	0.08	0.064	0.004	0.020	0.10	1170	6040	1290
WD13-003-161	100.5	0.03	0.009	0.005	0.011	0.10	1	1.0	2.0
WD13-003-162	99.83	0.04	0.016	0.004	0.009	0.09	1	0.6	1.8
WD13-003-163	100.1	< 0.01	0.006	< 0.004	< 0.004	0.03	< 1	1.0	0.3
WD13-003-164	100.4	0.02	0.035	0.004	0.010	0.11	< 1	0.1	0.4
WD13-003-165	100.6	< 0.01	0.016	0.006	0.015	0.33	2	< 0.1	0.3
WD13-003-166	99.92	0.03	0.035	0.005	0.010	0.20	1	< 0.1	0.9
WD13-003-167	100.7	0.02	0.019	0.007	0.014	0.30	2	< 0.1	1.4
WD13-003-168	100.5	0.04	0.057	0.007	0.012	0.10	1	3.7	4.9
WD13-003-169	100.4	0.05	0.064	0.007	0.016	0.09	4	24.6	22.7
WD13-003-170	100.4	0.05	0.073	0.007	0.016	0.10	4	20.5	19.5
WD13-003-171	100.00	0.04	0.046	0.007	0.013	0.06	5	14.4	12.8
WD13-003-172	100.4	0.04	0.038	0.005	0.006	0.09	4	4.9	3.9
WD13-003-173	99.03	0.03	0.018	0.005	0.006	0.06	2	4.5	3.2
WD13-003-174	99.40	0.02	0.008	0.006	0.011	0.87	< 1	1.6	2.0
WD13-003-175	99.47	0.08	0.065	0.004	0.017	0.10	1140	6210	1300

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	
GXR-1 LABSTD	5.9	0.9	13	0.038	0.17	0.42	0.03	1530	0.84	0.9	77	11.6	768	22.6	8.1	42.0	1180	856	4.53		410	17.5	2.1	206
GXR-1 LABSTD	6.4	1.1	12	0.036	0.17	0.38	0.04	1550	0.88	1.1	81	7.8	824	23.1	8.2	40.8	1180	893	4.99		427	17.9	2.1	175
MICA-FE LABSTD																								
GXR-4 LABSTD	10.2	1.5	5	0.108	1.60	2.82	1.63	20.3	0.81	6.0	73	53.1	125	2.58	13.6	39.3	6100	74.2	11.1		97.3	5.5	92.0	73.5
GXR-4 LABSTD	11.4	2.2	4	0.108	1.65	2.80	1.68	17.9	0.85	6.7	78	55.1	126	2.66	14.0	38.8	6320	76.9	11.3		97.5	6.4	90.7	66.1
CHR-BKG LABSTD																								
AN-G LABSTD																								
GXR-6 LABSTD	29.5	0.2	7	0.055	0.44	7.39	1.16	0.16	0.14	21.9	158	75.1	883	4.86	13.2	23.0	64.4	130	18.3		201	< 0.1	68.0	31.4
GXR-6 LABSTD	33.9	0.8	6	0.055	0.46	7.95	1.20	0.18	0.15	23.5	167	81.1	938	5.03	13.8	24.3	67.3	133	16.3		211	0.5	65.1	30.1
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	15.8	1.1		0.025	0.40	1.25	0.34	1.45	0.29	3.5	34	84.6	3320	2.53	9.4	41.7	289	874	6.07		32.4	0.6	29.9	30.2
SAR-M (U.S.G.S.) LABSTD	18.2	0.4		0.023	0.40	1.26	0.32	1.57	0.30	3.6	34	89.0	3410	2.50	9.6	43.8	301	876	5.76		33.5	1.8	26.4	28.3
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-142 Replicate Original																								
WD13-003-142 LABDUP																								
WD13-003-146 Replicate Original																								
WD13-003-146 LABDUP																								
WD13-003-150 Replicate Original																								
WD13-003-150 LABDUP																								
WD13-003-156 Replicate Original	24.3	0.3	4	0.274	2.62	2.72	0.14	0.16	2.93	17.5	135	117	732	4.23	28.6	75.2	77.7	55.4	8.32	< 0.1	0.4	< 0.1	4.3	18.0
WD13-003-156 LABDUP	24.5	0.2	4	0.264	2.54	2.63	0.14	0.15	2.82	17.0	130	111	699	4.16	28.1	73.4	77.2	52.1	8.18	< 0.1	0.5	< 0.1	4.4	17.7
WD13-003-157 Replicate Original	16.0	< 0.1	4	0.290	2.38	2.64	0.17	0.06	3.14	17.9	130	113	650	4.11	29.2	71.6	139	50.5	7.42	< 0.1	0.5	0.5	5.0	23.8
WD13-003-157 LABDUP	15.5	< 0.1	4	0.292	2.42	2.66	0.17	0.06	3.16	18.3	132	115	668	4.16	29.3	72.4	133	50.9	7.34	< 0.1	0.4	0.1	4.9	23.7
WD13-003-160 Replicate Original																								
WD13-003-160 LABDUP																								
WD13-003-164 Replicate Original	19.3	0.3	3	0.222	1.88	2.29	0.15	0.03	2.27	18.6	146	35.5	598	3.35	23.0	36.9	107	50.4	7.16	< 0.1	0.6	0.8	4.9	13.0
WD13-003-164 LABDUP	19.3	< 0.1	4	0.227	1.91	2.28	0.15	0.02	2.28	18.6	145	37.5	605	3.40	23.5	37.5	109	51.2	7.15	< 0.1	0.4	0.1	5.1	13.6

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

WD13-003-166

Replicate Original

WD13-003-166 LABDUP

WD13-003-170

Replicate Original

WD13-003-170 LABDUP

WD13-003-171

Replicate Original

WD13-003-171 LABDUP

WD13-003-174 Split

Original

WD13-003-174

LABPREP

18.5	< 0.1	4	0.322	2.63	2.95	0.14	0.03	3.06	19.9	153	107	579	4.08	28.1	70.6	141	54.8	8.02	< 0.1	< 0.1	< 0.1	4.3	21.6
17.6	< 0.1	4	0.294	2.47	2.80	0.13	0.03	2.84	18.6	143	99.4	536	3.79	26.2	65.4	137	45.4	7.37	< 0.1	0.6	0.4	4.0	19.8

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	
GXR-1 LABSTD	27.1	8.8	< 0.1	17.5	33.6	2.48	0.71	24.2	61.9	13.1	2.53	196	5.7	11.5		6.66	2.3	0.5	3.5	0.7	4.7		0.4	
GXR-1 LABSTD	26.6	8.7	< 0.1	17.4	32.9	2.54	0.73	23.2	79.4	14.0	2.53	104	5.3	10.3		6.34	2.2	0.5	3.3	0.7	4.5		0.4	
MICA-FE LABSTD																								
GXR-4 LABSTD	11.3	8.4	0.2	300	3.19	0.19	0.18	4.90	1.58	0.65	2.26	8.2	46.4	88.3		34.6	5.3	1.2	3.9	0.5	2.5		0.1	
GXR-4 LABSTD	10.7	7.6	0.4	292	3.94	0.25	0.19	4.97	2.89	1.10	2.13	8.5	39.1	75.8		30.2	4.6	1.1	3.4	0.4	2.2		0.1	
CHR-BKG LABSTD																								
AN-G LABSTD																								
GXR-6 LABSTD	6.67	5.4	< 0.1	0.67	0.271	< 0.01	0.04	0.83	0.47	< 0.02	3.38	869	11.1	31.4		11.1	2.2	0.6	1.9	0.3	1.6		0.1	
GXR-6 LABSTD	6.43	5.5	< 0.1	1.47	0.396	0.11	0.05	0.88	1.31	< 0.02	3.18	822	10.4	29.5		10.6	2.1	0.5	1.8	0.3	1.5		0.1	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	22.4		3.1	10.6	3.39	3.97	0.80	1.75	1.70	0.60	2.18	169	49.2	105										
SAR-M (U.S.G.S.) LABSTD	21.4		2.4	10.8	2.87	4.04	0.82	1.84	2.71	0.70	1.90	156	47.6	99.1										
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-142 Replicate Original																								
WD13-003-142 LABDUP																								
WD13-003-146 Replicate Original																								
WD13-003-146 LABDUP																								
WD13-003-150 Replicate Original																								
WD13-003-150 LABDUP																								
WD13-003-156 Replicate Original	10.7	2.2	< 0.1	2.64	0.041	< 0.01	< 0.02	0.31	< 0.02	< 0.02	0.56	10.7	3.2	7.61	1.1	4.84	1.2	0.4	1.6	0.3	2.1	0.5	1.3	0.2
WD13-003-156 LABDUP	10.4	2.2	< 0.1	2.56	0.035	< 0.01	< 0.02	0.29	< 0.02	< 0.02	0.57	10.2	3.1	7.39	1.0	4.57	1.2	0.4	1.6	0.3	2.0	0.4	1.3	0.2
WD13-003-157 Replicate Original	9.91	1.7	< 0.1	0.17	0.035	< 0.01	< 0.02	0.20	< 0.02	< 0.02	0.62	18.0	2.3	5.44	0.8	3.68	1.0	0.4	1.4	0.3	1.9	0.4	1.3	0.2
WD13-003-157 LABDUP	10.0	1.7	< 0.1	0.14	0.042	< 0.01	< 0.02	0.19	< 0.02	< 0.02	0.59	16.1	2.3	5.34	0.8	3.73	1.0	0.4	1.4	0.3	1.9	0.4	1.3	0.2
WD13-003-160 Replicate Original																								
WD13-003-160 LABDUP																								
WD13-003-164 Replicate Original	11.3	5.2	< 0.1	0.58	0.041	< 0.01	< 0.02	0.30	0.06	0.11	0.71	27.3	4.4	10.9	1.5	6.52	1.7	0.4	2.0	0.4	2.3	0.5	1.3	0.2
WD13-003-164 LABDUP	11.7	5.6	< 0.1	0.64	0.030	< 0.01	< 0.02	0.29	0.04	< 0.02	0.72	28.5	4.5	10.8	1.5	6.55	1.7	0.4	2.0	0.3	2.3	0.5	1.4	0.2

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	

WD13-003-166

Replicate Original

WD13-003-166 LABDUP

WD13-003-170

Replicate Original

WD13-003-170 LABDUP

WD13-003-171

Replicate Original

WD13-003-171 LABDUP

WD13-003-174 Split

Original

WD13-003-174

LABPREP

9.61	1.6	< 0.1	0.22	0.097	< 0.01	< 0.02	0.19	0.04	< 0.02	0.62	16.0	1.9	4.45	0.7	3.37	1.0	0.4	1.5	0.3	2.0	0.4	1.3	0.2
8.93	1.6	< 0.1	0.23	0.079	< 0.01	< 0.02	0.17	0.03	< 0.02	0.60	14.2	1.7	3.99	0.6	2.95	0.8	0.4	1.3	0.2	1.7	0.4	1.2	0.2

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	2013-03- 14 13:10:58	
GXR-1 LABSTD	2.1	0.3	0.2	< 0.05	157		3430	0.38	734	1.9	31.4	3390													
GXR-1 LABSTD	2.0	0.3	0.2	< 0.05	139		3280	0.37	693	1.7	31.0	3800													
MICA-FE LABSTD																									
GXR-4 LABSTD	0.7	< 0.1	0.2	< 0.05	13.8			2.64	41.2	16.9	4.2														
GXR-4 LABSTD	0.8	< 0.1	0.2	< 0.05	9.5			2.48	37.5	15.2	4.0														
CHR-BKG LABSTD																									
AN-G LABSTD																									
GXR-6 LABSTD	0.8	0.1	< 0.1	< 0.05	< 0.1			1.77	95.2	3.9	1.1														
GXR-6 LABSTD	0.7	0.1	< 0.1	< 0.05	< 0.1			1.77	90.7	4.4	0.7														
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
OREAS 13P LABSTD																									
OREAS 14P LABSTD																									
Oreas 74a (Fusion) LABSTD																									
SAR-M (U.S.G.S.) LABSTD					2.2			1.21	814	11.8	1.9														
SAR-M (U.S.G.S.) LABSTD					1.9			1.22	786	11.0	1.8														
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
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CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-142 Replicate Original																									
WD13-003-142 LABDUP																									
WD13-003-146 Replicate Original																									
WD13-003-146 LABDUP																									
WD13-003-150 Replicate Original																									
WD13-003-150 LABDUP																									
WD13-003-156 Replicate Original	1.2	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.67	0.3	0.1	< 10													
WD13-003-156 LABDUP	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.50	0.3	0.1	< 10													
WD13-003-157 Replicate Original	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.18	0.2	< 0.1	< 10													
WD13-003-157 LABDUP	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.14	0.2	< 0.1	< 10													
WD13-003-160 Replicate Original																									
WD13-003-160 LABDUP																									
WD13-003-164 Replicate Original	1.1	0.2	0.3	< 0.05	< 0.1	< 0.001	< 5	0.03	2.59	1.2	1.2	< 10													
WD13-003-164 LABDUP	1.2	0.2	0.3	< 0.05	< 0.1	< 0.001	< 5	< 0.02	2.52	1.2	1.2	< 10													

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58

WD13-003-166 Replicate Original																									
WD13-003-166 LABDUP																									
WD13-003-170 Replicate Original																									
WD13-003-170 LABDUP																									
WD13-003-171 Replicate Original	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.43	0.1	< 0.1	< 10	49.91	14.24	13.09	0.195	8.60	9.60	2.01	0.57	0.83	0.06	0.054	1.22	
WD13-003-171 LABDUP	1.0	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.25	0.1	< 0.1	< 10	49.41	14.11	12.98	0.196	8.47	9.49	1.97	0.62	0.82	0.06	0.054	1.22	
WD13-003-174 Split Original													48.62	14.25	14.35	0.240	7.96	8.00	1.29	1.01	1.02	0.10	0.052	2.46	
WD13-003-174 LABPREP													48.82	13.98	14.16	0.240	7.95	8.27	1.25	0.91	0.99	0.06	0.055	2.13	

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-11 16:36:56	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

GXR-1 LABSTD									
GXR-1 LABSTD									
MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
GXR-4 LABSTD									
GXR-4 LABSTD									
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
GXR-6 LABSTD									
GXR-6 LABSTD									
LKSD-4 LABSTD						1.02			
LKSD-4 LABSTD						0.98			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.2			
OREAS 13P LABSTD			0.224		0.248				
OREAS 14P LABSTD			2.11	0.076	0.998				
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
SAR-M (U.S.G.S.) LABSTD									
SAR-M (U.S.G.S.) LABSTD									
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-142 Replicate Original	98.95	0.03	0.022	< 0.004	0.007				
WD13-003-142 LABDUP	99.31	0.03	0.021	< 0.004	0.007				
WD13-003-146 Replicate Original						< 1	< 0.1	< 0.1	
WD13-003-146 LABDUP						< 1	< 0.1	< 0.1	
WD13-003-150 Replicate Original						0.05			
WD13-003-150 LABDUP						0.05			
WD13-003-156 Replicate Original									
WD13-003-156 LABDUP						1	0.1	2.2	
WD13-003-157 Replicate Original									
WD13-003-157 LABDUP									
WD13-003-160 Replicate Original						0.10			
WD13-003-160 LABDUP						0.10			
WD13-003-164 Replicate Original									
WD13-003-164 LABDUP									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-14 13:10:58	2013-03-11 16:36:56	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

WD13-003-166 Replicate Original							1	< 0.1	0.9
WD13-003-166 LABDUP							1	< 0.1	0.9
WD13-003-170 Replicate Original						0.10			
WD13-003-170 LABDUP						0.10			
WD13-003-171 Replicate Original	100.5	0.04	0.046	0.007	0.013				
WD13-003-171 LABDUP	99.51	0.04	0.047	0.006	0.013				
WD13-003-174 Split Original	99.40	0.02	0.008	0.006	0.011	0.87	< 1	1.6	2.0
WD13-003-174 LABPREP	98.87	0.02	0.010	0.007	0.013	0.10	1	1.8	2.4



Date Submitted: 25-Feb-13
Invoice No.: A13-02122
Invoice Date: 19-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

35 Core samples were submitted for analysis.

The following analytical package was requested:

Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02122**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in blue ink, appearing to read "Elitsa Hrischeva".

Elitsa Hrischeva, Ph.D.
Quality Control

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Activation Laboratories Ltd. Report: A13-02122

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 15 2013 7:41PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	
WD13-003-176	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.014	< 5	0.04	3.07	< 0.1	0.3	< 10	7.74	0.16	0.19	0.057	21.52	28.56	< 0.01	0.01	0.02	0.01	< 0.003	42.46
WD13-003-177	0.6	< 0.1	0.2	< 0.05	0.2	0.011	169	0.07	4.08	0.9	0.3	10	59.62	15.69	6.50	0.095	4.48	6.70	2.34	0.77	0.45	0.10	0.017	1.91
WD13-003-178	0.8	0.1	0.2	< 0.05	0.4	0.013	< 5	0.07	2.70	1.2	0.4	< 10	69.55	12.42	5.46	0.109	2.39	3.26	3.19	1.13	0.62	0.15	0.021	1.51
WD13-003-179	1.1	0.2	0.4	< 0.05	0.3	0.012	21	0.09	21.0	2.4	0.5	< 10	67.53	12.11	6.22	0.142	3.33	5.10	1.91	0.69	0.62	0.13	0.024	1.97
WD13-003-180	0.5	< 0.1	0.6	< 0.05	0.4	0.011	< 5	0.13	35.6	1.4	0.5	< 10	64.09	9.50	13.40	0.088	2.55	3.74	1.10	0.96	0.24	0.06	0.008	3.96
WD13-003-181	0.2	< 0.1	0.3	< 0.05	0.3	0.003	< 5	0.19	5.94	3.0	0.5	< 10	71.60	13.86	2.92	0.070	2.58	3.45	1.33	1.80	0.25	0.05	0.004	2.18
WD13-003-182	1.2	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.06	4.68	1.7	0.3	< 10	52.44	15.61	10.94	0.170	6.89	7.71	1.89	1.36	0.73	0.14	0.036	2.59
WD13-003-183	2.3	0.4	0.8	< 0.05	0.2	0.002	< 5	0.05	3.72	5.0	0.9	< 10	64.79	14.00	6.55	0.111	3.58	5.14	2.26	0.85	0.52	0.11	0.023	2.32
WD13-003-184	0.7	0.1	0.5	< 0.05	0.2	0.010	43	0.05	3.42	3.7	0.6	< 10	72.37	12.84	3.06	0.069	2.61	4.09	2.34	1.03	0.18	0.04	0.003	1.92
WD13-003-185	1.2	0.2	0.2	< 0.05	0.3	0.001	< 5	0.06	4.95	4.3	0.9	< 10	57.77	13.46	9.06	0.171	7.23	6.74	1.73	0.55	0.91	0.25	0.034	2.65
WD13-003-186	0.3	< 0.1	0.2	< 0.05	0.1	0.016	< 5	0.14	1.50	4.0	0.5	< 10	72.67	16.15	2.58	0.040	1.83	1.79	1.15	1.80	0.29	0.09	0.009	2.07
WD13-003-187	0.7	< 0.1	0.2	< 0.05	0.2	0.010	< 5	0.11	2.22	2.0	0.3	< 10	72.08	13.34	4.74	0.086	2.46	2.69	0.82	1.52	0.41	0.06	0.019	2.02
WD13-003-188	1.0	0.2	0.1	< 0.05	0.9	0.006	< 5	0.08	2.48	1.1	0.2	< 10	55.72	14.89	9.62	0.225	5.99	8.00	0.81	1.25	0.65	0.09	0.033	2.72
WD13-003-189	1.6	0.2	< 0.1	< 0.05	2.0	0.008	< 5	0.05	1.39	0.6	< 0.1	< 10	50.08	12.23	17.16	0.332	7.92	8.02	0.70	0.62	1.19	0.10	0.062	1.57
WD13-003-190	0.8	0.1	0.1	< 0.05	0.4	0.010	20	0.05	1.90	1.7	0.3	< 10	52.13	13.30	11.27	0.209	7.52	9.61	1.08	0.85	0.79	0.11	0.044	1.76
WD13-003-191	1.3	0.2	0.1	< 0.05	1.4	0.017	< 5	0.04	1.79	1.1	0.2	< 10	52.48	13.70	13.03	0.275	6.64	9.18	1.60	0.59	1.01	0.10	0.051	1.54
WD13-003-192	1.4	0.2	< 0.1	< 0.05	0.6	0.017	< 5	0.05	1.88	0.9	0.1	< 10	47.80	15.69	14.11	0.273	6.74	9.19	1.98	0.67	0.97	0.08	0.055	2.34
WD13-003-193	1.1	0.2	0.2	< 0.05	0.5	0.005	< 5	0.04	1.26	1.4	0.2	< 10	46.58	13.16	10.05	0.289	9.15	15.31	0.46	0.72	0.83	0.15	0.032	2.30
WD13-003-194	1.2	0.2	0.1	< 0.05	1.6	0.004	< 5	< 0.02	0.85	0.9	0.2	< 10	30.78	8.01	10.74	0.344	11.87	22.74	0.31	0.19	0.64	0.13	0.025	13.78
WD13-003-195	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.011	338	0.03	4.87	0.1	< 0.1	< 10	45.00	21.96	6.92	0.081	8.60	12.53	1.17	0.16	0.10	0.01	0.008	2.61
WD13-003-196	1.0	0.1	0.1	< 0.05	0.8	0.008	15	< 0.02	0.75	0.7	0.2	< 10	38.24	7.06	10.38	0.391	11.99	22.67	0.13	0.15	0.46	0.07	0.024	8.77
WD13-003-197	1.2	0.2	< 0.1	< 0.05	0.5	0.010	< 5	0.02	1.42	0.6	0.1	< 10	18.92	6.29	10.51	0.413	13.12	25.70	0.03	0.28	0.30	0.05	0.025	24.63
WD13-003-198	0.8	0.1	0.1	< 0.05	0.4	0.011	< 5	< 0.02	0.75	0.1	0.1	< 10	37.48	6.10	10.21	0.396	12.71	22.17	0.11	0.12	0.50	0.05	0.029	10.53
WD13-003-199	0.9	0.1	0.1	< 0.05	0.4	0.010	< 5	0.02	0.71	0.2	< 0.1	< 10	44.19	10.13	9.82	0.355	10.51	18.31	0.50	0.40	0.72	0.06	0.037	4.18
WD13-003-200	0.9	0.1	< 0.1	< 0.05	0.9	0.001	< 5	0.03	0.82	0.2	< 0.1	< 10	37.28	8.61	10.27	0.386	11.51	20.32	0.40	0.51	0.43	0.04	0.034	10.52
WD13-003-201	1.1	0.2	< 0.1	< 0.05	1.4	< 0.001	< 5	0.04	1.33	0.5	0.2	< 10	45.69	12.85	11.58	0.292	9.90	13.95	0.87	0.81	0.82	0.09	0.047	2.33
WD13-003-202	1.5	0.2	< 0.1	< 0.05	0.4	< 0.001	< 5	0.05	1.76	0.3	< 0.1	< 10	48.99	14.87	13.19	0.273	6.83	8.83	1.46	1.37	1.11	0.09	0.065	2.52
WD13-003-203	1.2	0.2	< 0.1	< 0.05	0.3	0.002	< 5	0.05	1.72	0.4	< 0.1	< 10	45.69	16.13	13.02	0.249	7.63	10.64	1.02	1.59	1.10	0.08	0.058	2.41
WD13-003-204	1.9	0.3	< 0.1	< 0.05	0.3	0.004	< 5	0.03	2.03	0.5	< 0.1	< 10	47.53	14.21	16.37	0.227	7.43	7.98	1.05	1.38	1.76	0.15	0.069	1.89
WD13-003-205	1.3	0.2	< 0.1	< 0.05	0.4	0.008	< 5	0.05	3.35	1.2	0.2	< 10	52.08	15.83	11.35	0.160	6.64	7.84	1.42	1.76	0.75	0.09	0.038	2.53
WD13-003-206	1.7	0.2	0.2	< 0.05	0.2	0.020	42	0.04	2.31	1.4	0.3	30	50.66	14.93	14.28	0.203	6.36	8.29	2.29	0.72	1.05	0.12	0.053	1.31
WD13-003-207	2.0	0.3	0.2	< 0.05	1.0	0.016	< 5	< 0.02	1.47	1.0	0.2	30	50.96	13.52	16.56	0.229	6.78	6.62	2.78	0.25	1.30	0.13	0.064	1.19
WD13-003-208	1.3	0.2	< 0.1	< 0.05	0.2	0.016	< 5	0.03	1.57	0.3	< 0.1	40	48.99	14.21	13.62	0.210	8.54	9.05	2.28	0.61	0.98	0.08	0.054	1.65
WD13-003-209	2.1	0.3	0.2	< 0.05	0.5	0.020	< 5	0.03	2.56	0.8	0.2	20	49.85	13.87	14.86	0.230	6.08	9.19	2.00	0.80	1.26	0.11	0.058	1.86
WD13-003-210	0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.021	640	0.05	5.09	0.2	0.1	20	45.68	22.13	7.07	0.085	8.81	12.48	1.19	0.12	0.09	0.01	0.011	2.67

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 14 2013 2:19PM	Mar 11 2013 2:39PM	Mar 18 2013 12:57PM	Mar 18 2013 12:57PM	Mar 18 2013 12:57PM
WD13-003-176	100.7	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.9	0.2
WD13-003-177	98.74	0.03	0.024	< 0.004	0.007	0.06	481	2110	492
WD13-003-178	99.83	< 0.01	0.008	< 0.004	0.004	0.04	2	0.6	0.6
WD13-003-179	99.79	< 0.01	0.006	< 0.004	0.006	0.41	1	1.6	1.1
WD13-003-180	99.77	< 0.01	0.017	0.012	0.038	5.55	3	0.5	1.1
WD13-003-181	100.1	< 0.01	0.008	< 0.004	< 0.004	0.04	< 1	< 0.1	< 0.1
WD13-003-182	100.6	0.02	0.019	0.004	0.010	0.17	3	10.2	9.9
WD13-003-183	100.3	< 0.01	0.005	< 0.004	< 0.004	0.08	< 1	< 0.1	0.2
WD13-003-184	100.6	< 0.01	0.011	< 0.004	< 0.004	0.01	237	< 0.1	< 0.1
WD13-003-185	100.6	0.05	0.028	< 0.004	0.005	0.21	2	1.5	1.5
WD13-003-186	100.5	< 0.01	0.006	< 0.004	< 0.004	0.04	< 1	< 0.1	0.1
WD13-003-187	100.3	< 0.01	0.004	< 0.004	0.005	0.06	2	2.5	3.3
WD13-003-188	100.0	< 0.01	0.003	< 0.004	0.006	0.07	1	1.9	2.3
WD13-003-189	100.0	< 0.01	0.006	0.005	0.006	0.12	1	< 0.1	0.6
WD13-003-190	98.70	0.03	0.004	0.004	< 0.004	0.02	2	0.8	2.4
WD13-003-191	100.2	0.01	0.013	0.004	0.006	0.11	2	0.3	1.5
WD13-003-192	99.96	0.01	0.005	0.006	0.034	0.70	3	< 0.1	0.5
WD13-003-193	99.06	0.02	0.005	< 0.004	< 0.004	< 0.01	< 1	0.3	1.1
WD13-003-194	99.58	0.01	0.005	< 0.004	< 0.004	0.03	< 1	1.8	1.6
WD13-003-195	99.30	0.08	0.062	0.004	0.018	0.10	1150	6100	1340
WD13-003-196	100.4	0.01	0.005	< 0.004	< 0.004	0.02	1	0.3	0.4
WD13-003-197	100.3	< 0.01	< 0.003	< 0.004	< 0.004	0.03	1	0.5	0.8
WD13-003-198	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.04	1	0.9	0.4
WD13-003-199	99.23	0.02	< 0.003	< 0.004	< 0.004	0.01	< 1	0.7	0.8
WD13-003-200	100.3	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	< 0.1	0.1
WD13-003-201	99.26	0.02	0.008	< 0.004	< 0.004	0.02	< 1	0.9	1.9
WD13-003-202	99.62	< 0.01	< 0.003	0.004	0.014	0.08	2	< 0.1	< 0.1
WD13-003-203	99.65	0.01	0.007	0.004	0.008	0.08	1	1.2	1.9
WD13-003-204	100.1	0.01	0.007	0.006	0.008	0.10	< 1	< 0.1	0.6
WD13-003-205	100.5	0.02	0.011	0.005	0.007	0.07	< 1	3.5	4.0
WD13-003-206	100.3	< 0.01	0.003	0.005	0.010	0.20	2	1.0	1.2
WD13-003-207	100.4	< 0.01	0.004	0.007	0.010	0.19	2	3.2	2.1
WD13-003-208	100.3	0.03	0.009	0.006	0.010	0.06	1	0.4	0.9
WD13-003-209	100.2	0.01	0.010	0.006	0.011	0.20	1	0.7	1.3
WD13-003-210	100.5	0.08	0.065	< 0.004	0.020	0.10	1220	6320	1360

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	
GXR-1 LABSTD	6.2	2.1	12	0.053	0.16	0.41	0.04	1530	0.86	1.1	77	6.7	834	24.0	7.8	39.1	1110	931	4.78		422	17.0	2.1	192	
MICA-FE LABSTD																									
GXR-4 LABSTD	11.7	2.6	3	0.158	1.62	2.92	1.95	18.7	0.82	6.1	75	50.8	133	2.79	13.3	36.5	5850	78.1	10.5		91.2	5.0	89.2	72.6	
CHR-BKG LABSTD																									
AN-G LABSTD																									
GXR-6 LABSTD	28.2	2.5	3	0.068	0.41	7.45	1.36	0.18	0.14	22.7	164	77.7	1010	5.41	13.3	23.6	66.7	146	13.7		216	0.7	66.4	28.3	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
OREAS 13P LABSTD																									
OREAS 14P LABSTD																									
Oreas 73a (Fusion) LABSTD																									
SAR-M (U.S.G.S.) LABSTD	16.6	2.4		0.038	0.38	1.29	0.38	1.88	0.30	3.5	34	82.0	4170	2.77	9.9	41.0	318	1080	5.36		35.4	1.1	26.1	28.8	
CDN-PGMS-22 LABSTD																									
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CDN-PGMS-23 LABSTD																									
WD13-003-176 Replicate Original	3.9	0.9	24	0.026	> 10.0	0.05	0.01	0.02	17.9	< 0.1	3	0.5	383	0.10	0.6	5.0	2.33	16.9	< 0.02	< 0.1	0.4	0.2	0.7	135	
WD13-003-176 LABDUP	3.7	1.3	23	0.024	> 10.0	0.04	0.01	0.02	18.0	< 0.1	2	< 0.5	389	0.10	0.5	4.8	2.17	16.7	< 0.02	< 0.1	0.4	< 0.1	0.6	133	
WD13-003-178 Replicate Original	10.5	1.0	2	0.154	0.80	1.85	0.18	0.06	1.22	6.1	69	35.0	461	2.89	8.1	28.9	40.8	51.0	5.82	< 0.1	4.5	0.5	5.3	63.1	
WD13-003-178 LABDUP	11.3	1.2	3	0.169	0.87	2.02	0.20	0.06	1.33	6.6	73	37.8	490	3.02	8.7	31.2	42.8	53.1	6.19	< 0.1	4.6	0.5	5.7	67.1	
WD13-003-180 Replicate Original	26.8	1.1	3	0.144	0.92	1.98	0.25	0.86	0.63	4.2	36	14.4	364	7.74	95.9	132	362	417	6.30	< 0.1	1.0	2.1	8.3	9.9	
WD13-003-180 LABDUP	25.7	1.1	3	0.140	0.87	1.85	0.23	0.81	0.73	4.0	35	13.9	349	7.41	91.8	125	340	390	5.97	0.1	1.1	2.3	8.1	10.4	
WD13-003-185 Replicate Original																									
WD13-003-185 LABDUP																									
WD13-003-190 Replicate Original																									
WD13-003-190 LABDUP																									
WD13-003-195 Replicate Original																									
WD13-003-195 LABDUP																									
WD13-003-200 Replicate Original																									
WD13-003-200 LABDUP																									
WD13-003-205 Replicate Original																									
WD13-003-205 LABDUP																									
WD13-003-209 Split Original	28.5	1.5	3	0.332	2.26	3.33	0.16	0.06	3.64	23.0	202	82.3	940	6.64	35.1	54.1	111	100	11.0	0.1	0.9	0.9	2.1	35.8	

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	
WD13-003-209 LABPREP	29.2	1.6	3	0.342	2.41	3.53	0.17	0.06	3.86	23.6	208	83.6	971	6.81	35.5	55.1	113	102	11.1	0.1	0.6	1.5	2.2	37.7

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	
GXR-1 LABSTD	26.0	9.5	< 0.1	17.7	35.1	2.63	0.73	24.1	82.3	15.6	2.51	140	5.8	11.1		6.67	2.3	0.5	3.5	0.7	4.7		0.4	
MICA-FE LABSTD																								
GXR-4 LABSTD	10.5	8.5	0.4	289	3.35	0.09	0.19	5.09	3.04	1.23	2.15	52.1	44.8	86.5		34.3	5.3	1.2	4.0	0.5	2.5		0.1	
CHR-BKG LABSTD																								
AN-G LABSTD																								
GXR-6 LABSTD	6.55	5.7	< 0.1	1.69	0.276	0.19	0.07	1.00	1.65	0.74	3.48	822	11.5	32.4		11.6	2.3	0.6	1.9	0.3	1.7		0.1	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 73a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	20.2		2.5	11.7	2.89	5.07	1.03	1.90	3.32	1.54	2.12	173	49.5	103										
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-176 Replicate Original	0.41	0.4	< 0.1	0.10	0.017	0.16	< 0.02	0.07	0.11	0.63	0.26	160	< 0.5	0.62	< 0.1	0.33	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-003-176 LABDUP	0.39	0.3	< 0.1	0.08	0.032	0.12	< 0.02	0.06	0.09	0.52	0.24	158	< 0.5	0.60	< 0.1	0.33	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-003-178 Replicate Original	8.54	5.8	0.3	6.43	0.084	0.19	0.03	1.15	0.52	0.66	0.34	103	6.0	12.6	1.8	7.54	1.7	0.5	1.8	0.3	1.8	0.4	1.0	0.1
WD13-003-178 LABDUP	9.12	6.2	0.3	6.73	0.084	0.16	0.03	1.20	0.53	0.52	0.37	109	6.4	13.4	1.9	7.91	1.8	0.5	1.9	0.3	1.9	0.4	1.1	0.1
WD13-003-180 Replicate Original	4.72	22.9	0.2	4.03	0.538	5.02	0.02	0.45	0.19	0.72	1.77	5.8	8.3	15.4	1.7	6.17	1.1	0.3	1.0	0.1	0.9	0.2	0.6	< 0.1
WD13-003-180 LABDUP	4.63	22.2	0.2	3.73	0.575	4.89	< 0.02	0.43	0.17	0.34	1.67	4.9	8.1	15.2	1.7	6.36	1.1	0.3	1.0	0.2	0.9	0.2	0.5	< 0.1
WD13-003-185 Replicate Original																								
WD13-003-185 LABDUP																								
WD13-003-190 Replicate Original																								
WD13-003-190 LABDUP																								
WD13-003-195 Replicate Original																								
WD13-003-195 LABDUP																								
WD13-003-200 Replicate Original																								
WD13-003-200 LABDUP																								
WD13-003-205 Replicate Original																								
WD13-003-205 LABDUP																								
WD13-003-209 Split Original	17.2	3.8	< 0.1	0.51	0.147	0.28	0.05	0.54	0.11	0.51	0.62	18.6	6.3	14.7	2.0	8.88	2.3	0.7	2.8	0.5	3.6	0.8	2.3	0.3

Activation Laboratories Ltd. Report: A13-02122

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	2013-03- 15 19:41:45	
WD13-003-209 LABPREP	18.1	3.7	< 0.1	0.52	0.180	0.28	0.06	0.54	0.11	0.60	0.63	19.4	6.4	14.7	2.0	8.91	2.4	0.8	2.9	0.5	3.7	0.8	2.4	0.4

Activation Laboratories Ltd. Report: A13-02122

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46
GXR-1 LABSTD	2.0	0.3	0.2	< 0.05	158			0.35	725	1.7	29.8													
MICA-FE LABSTD													34.42	19.55	25.63	0.352	4.58	0.45	0.38	8.78	2.52	0.45	0.025	
GXR-4 LABSTD	0.8	0.1	0.2	< 0.05	11.3			2.52	42.3	15.2	4.3													
CHR-BKG LABSTD													15.15	12.93	13.89	0.141	23.52	0.06			0.14			
AN-G LABSTD													46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
GXR-6 LABSTD	0.8	0.1	0.1	< 0.05	< 0.1			1.83	101	4.1	0.8													
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040	
AC-E LABSTD													70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 13P LABSTD																								
OREAS 14P LABSTD																								
Oreas 73a (Fusion) LABSTD													36.38	2.45			32.48							
SAR-M (U.S.G.S.) LABSTD					4.1			1.12	959	12.0	2.0													
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-176	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.014	< 5	0.04	2.98	< 0.1	0.3	< 10												
Replicate Original																								
WD13-003-176 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.015	< 5	0.04	3.16	< 0.1	0.3	< 10												
WD13-003-178	0.8	0.1	0.2	< 0.05	0.3	0.013	< 5	0.07	2.66	1.2	0.4	< 10												
Replicate Original																								
WD13-003-178 LABDUP	0.8	0.1	0.2	< 0.05	0.4	0.013	< 5	0.07	2.75	1.3	0.4	< 10												
WD13-003-180	0.5	< 0.1	0.6	< 0.05	0.4	0.010	< 5	0.13	36.2	1.4	0.5	< 10												
Replicate Original																								
WD13-003-180 LABDUP	0.5	< 0.1	0.6	< 0.05	0.4	0.012	< 5	0.14	35.1	1.4	0.5	< 10												
WD13-003-185																								
Replicate Original																								
WD13-003-185 LABDUP																								
WD13-003-190																								
Replicate Original																								
WD13-003-190 LABDUP																								
WD13-003-195																								
Replicate Original																								
WD13-003-195 LABDUP																								
WD13-003-200																								
Replicate Original																								
WD13-003-200 LABDUP																								
WD13-003-205													52.21	15.81	11.41	0.161	6.64	7.87	1.41	1.75	0.76	0.10	0.037	2.55
Replicate Original																								
WD13-003-205 LABDUP													51.96	15.84	11.30	0.160	6.63	7.80	1.43	1.77	0.75	0.09	0.038	2.52
WD13-003-209 Split Original	2.1	0.3	0.2	< 0.05	0.5	0.020	< 5	0.03	2.56	0.8	0.2	20	49.85	13.87	14.86	0.230	6.08	9.19	2.00	0.80	1.26	0.11	0.058	1.86

Activation Laboratories Ltd. Report: A13-02122

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-15 19:41:45	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	
WD13-003-209 LABPREP	2.2	0.3	0.2	< 0.05	0.4	0.020	< 5	0.04	2.58	0.8	0.2	30	49.67	13.95	14.81	0.228	6.10	9.16	2.00	0.80	1.26	0.11	0.059	1.77

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-11 14:39:43	2013-03-19 14:37:17	2013-03-19 14:37:17	2013-03-19 14:37:17

GXR-1 LABSTD									
MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
GXR-4 LABSTD									
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
GXR-6 LABSTD									
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.3			
OREAS 13P LABSTD			0.224		0.248				
OREAS 14P LABSTD			2.11	0.076	0.998				
Oreas 73a (Fusion) LABSTD		0.19	1.44	0.031	0.093				
SAR-M (U.S.G.S.) LABSTD									
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-176									
Replicate Original									
WD13-003-176 LABDUP									
WD13-003-178									
Replicate Original									
WD13-003-178 LABDUP									
WD13-003-180							3	0.5	1.1
Replicate Original									
WD13-003-180 LABDUP							3	0.6	1.0
WD13-003-185						0.21			
Replicate Original									
WD13-003-185 LABDUP						0.21			
WD13-003-190							1	0.6	2.4
Replicate Original									
WD13-003-190 LABDUP							2	0.9	2.4
WD13-003-195						0.10			
Replicate Original									
WD13-003-195 LABDUP						0.10			
WD13-003-200							1	< 0.1	0.1
Replicate Original									
WD13-003-200 LABDUP							2	< 0.1	0.1
WD13-003-205	100.7	0.01	0.010	0.005	0.007	0.07			
Replicate Original									
WD13-003-205 LABDUP	100.3	0.02	0.012	0.005	0.006	0.07			
WD13-003-209 Split	100.2	0.01	0.010	0.006	0.011	0.20	1	0.7	1.3
Original									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)
Date Analyzed	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-14 14:19:46	2013-03-11 14:39:43	2013-03-19 14:37:17	2013-03-19 14:37:17	2013-03-19 14:37:17

WD13-003-209 LABPREP	99.96	0.01	0.011	0.005	0.010	0.20	1	1.1	1.2
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Date Submitted: 25-Feb-13
Invoice No.: A13-02124
Invoice Date: 22-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02124**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

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Activation Laboratories Ltd. Report: A13-02124

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	
WD13-003-211	3.8	< 0.1	19	0.005	> 10.0	0.03	< 0.01	< 0.02	16.5	< 0.1	1	< 0.5	314	0.06	0.4	7.5	0.77	12.0	< 0.02	< 0.1	< 0.1	< 0.1	0.4	121	
WD13-003-212	10.0	< 0.1	5	0.275	1.54	4.47	0.11	0.07	2.89	4.7	51	70.6	387	2.93	15.2	180	87.9	41.5	7.35	< 0.1	4.0	< 0.1	4.1	63.8	
WD13-003-213	13.1	< 0.1	6	0.135	0.96	2.11	0.17	0.06	1.30	6.3	75	39.6	475	3.11	9.5	33.8	48.7	51.7	6.74	< 0.1	4.8	< 0.1	6.1	70.2	
WD13-003-214	50.3	< 0.1	7	0.227	1.93	3.18	0.20	0.02	2.39	11.2	92	93.5	485	3.24	25.9	66.6	62.2	184	10.5	< 0.1	0.7	< 0.1	7.8	24.0	
WD13-003-215	26.4	< 0.1	6	0.240	1.47	2.03	0.10	< 0.02	1.95	8.2	69	78.9	418	2.67	17.7	51.9	59.8	115	8.75	< 0.1	< 0.1	< 0.1	3.2	17.5	
WD13-003-216	17.6	0.8	3	0.292	1.66	2.06	0.10	0.03	2.16	13.5	111	76.3	588	3.73	21.4	43.1	60.0	98.3	8.70	< 0.1	0.5	0.8	2.3	20.9	
WD13-003-217	16.9	< 0.1	3	0.332	1.62	2.31	0.13	0.03	2.59	16.7	143	64.0	693	4.80	24.3	42.9	65.6	107	9.86	< 0.1	0.5	< 0.1	2.6	14.6	
WD13-003-218	21.4	< 0.1	3	0.243	1.34	1.60	0.22	< 0.02	1.36	8.0	65	81.3	391	2.62	14.9	49.5	46.9	111	7.39	< 0.1	0.1	< 0.1	7.9	11.8	
WD13-003-219	25.7	< 0.1	3	0.254	1.30	1.56	0.09	0.03	1.46	7.6	61	77.6	385	2.51	14.5	47.7	54.4	99.2	7.15	< 0.1	0.3	< 0.1	2.6	10.7	
WD13-003-220	24.0	< 0.1	3	0.243	1.53	1.98	0.21	0.05	1.92	9.3	79	88.4	437	2.76	15.5	46.9	149	82.4	7.88	< 0.1	0.2	< 0.1	7.5	13.6	
WD13-003-221	20.6	< 0.1	3	0.333	2.26	3.17	0.29	0.04	3.51	23.6	190	150	764	5.53	36.6	77.5	174	102	9.53	< 0.1	0.6	0.2	8.1	18.4	
WD13-003-222	13.2	< 0.1	3	0.320	2.33	2.63	0.14	< 0.02	3.22	19.9	153	111	764	4.69	30.4	61.4	132	67.9	8.10	< 0.1	0.8	0.5	3.4	15.7	
WD13-003-223	11.2	< 0.1	3	0.300	2.13	2.60	0.17	< 0.02	3.23	18.7	146	109	695	4.42	29.1	58.7	124	63.9	7.84	< 0.1	0.4	< 0.1	5.2	18.4	
WD13-003-224	38.9	< 0.1	4	0.296	1.92	3.16	0.44	0.02	2.70	10.4	118	18.6	803	4.98	23.6	17.0	39.0	94.5	12.1	< 0.1	0.3	0.3	15.2	61.7	
WD13-003-225	39.2	< 0.1	3	0.266	1.84	2.72	0.34	0.03	2.23	10.5	88	70.6	549	3.68	18.6	45.8	65.6	116	10.4	< 0.1	0.4	< 0.1	11.1	33.2	
WD13-003-226	46.3	0.4	3	0.285	1.79	3.02	0.56	0.07	2.05	10.2	78	95.2	437	3.09	16.1	55.6	100	124	10.7	< 0.1	0.4	0.3	17.9	18.1	
WD13-003-227	50.2	0.7	3	0.264	1.96	2.91	0.25	0.04	1.97	10.2	79	84.2	494	3.41	18.2	56.3	27.3	159	10.5	< 0.1	1.1	1.1	7.7	20.3	
WD13-003-228	67.9	0.5	4	0.280	2.32	4.09	0.66	0.03	2.34	11.1	82	101	437	3.29	18.6	64.0	21.9	129	12.3	< 0.1	0.6	0.7	23.1	24.0	
WD13-003-229	50.1	0.4	3	0.258	2.59	3.17	0.23	0.07	2.77	16.6	140	123	630	4.34	26.8	63.9	44.3	85.4	10.3	< 0.1	0.5	0.7	7.8	18.2	
WD13-003-230	2.7	0.3	3	0.660	2.94	> 10.0	0.05	0.10	6.99	2.5	18	163	313	3.12	29.0	509	197	24.0	10.3	< 0.1	3.6	1.2	1.3	83.4	
WD13-003-231	11.7	< 0.1	3	0.274	1.98	2.47	0.15	< 0.02	2.80	17.4	137	84.5	664	4.09	25.6	48.5	60.7	58.6	7.55	< 0.1	0.6	0.1	4.4	16.2	
WD13-003-232	12.8	0.2	4	0.331	2.31	3.21	0.22	< 0.02	3.82	21.5	176	78.0	823	5.38	33.9	54.2	117	72.4	9.22	< 0.1	0.9	0.5	7.1	18.8	
WD13-003-233	21.5	1.0	4	0.311	2.52	3.17	0.25	0.04	3.57	21.2	175	85.5	884	5.37	31.9	57.1	82.0	76.5	10.1	< 0.1	0.9	0.9	5.8	16.9	
WD13-003-234	17.2	0.6	4	0.345	2.59	3.36	0.25	0.04	3.88	24.3	193	92.9	924	5.81	34.8	59.5	127	89.3	10.5	< 0.1	0.9	0.7	4.8	18.7	
WD13-003-235	30.1	0.4	4	0.269	2.13	3.30	0.27	0.02	2.61	15.3	126	93.8	612	4.03	23.6	58.4	71.9	97.1	11.1	< 0.1	0.7	0.6	8.1	22.8	
WD13-003-236	32.4	0.2	4	0.331	2.05	2.98	0.30	< 0.02	1.24	9.6	85	106	332	2.96	16.4	55.8	25.0	79.6	11.0	< 0.1	0.3	0.3	8.8	17.2	
WD13-003-237	43.2	0.3	4	0.340	1.97	2.81	0.30	< 0.02	1.31	10.4	85	101	371	2.90	16.0	53.9	48.6	81.7	10.1	< 0.1	0.8	1.3	8.6	15.3	
WD13-003-238	39.7	0.6	4	0.290	2.37	3.14	0.34	< 0.02	1.64	10.4	82	104	445	3.19	16.7	58.8	7.17	83.0	11.2	< 0.1	0.5	0.6	10.6	15.7	
WD13-003-239	47.0	0.7	4	0.430	2.49	3.59	0.28	0.03	2.04	15.4	135	106	633	4.60	25.8	60.5	55.2	82.0	11.8	< 0.1	0.8	0.5	6.6	32.0	
WD13-003-240	33.3	0.9	4	0.129	2.79	2.75	0.10	0.03	2.93	9.0	82	445	493	3.04	22.7	125	13.0	49.8	9.43	< 0.1	0.6	0.6	2.7	75.6	
WD13-003-241	42.5	0.8	5	0.146	2.30	3.60	0.28	0.04	2.53	10.2	92	111	552	3.59	20.0	56.2	44.6	65.6	11.8	< 0.1	0.9	1.3	12.3	57.8	
WD13-003-242	28.2	1.0	4	0.305	2.14	3.49	0.22	0.03	2.77	10.1	120	16.7	783	5.10	24.7	14.9	75.3	94.3	12.5	0.1	0.9	0.9	5.1	77.0	
WD13-003-243	32.6	0.8	4	0.315	2.29	3.61	0.34	0.03	3.08	11.1	129	11.0	851	5.35	27.9	15.5	74.4	100	12.8	0.1	0.8	0.8	8.9	71.0	
WD13-003-244	11.1	0.4	3	0.117	1.66	1.60	0.19	0.05	4.00	5.6	69	23.4	539	2.58	11.6	17.3	81.4	39.2	5.07	< 0.1	1.0	0.6	6.0	33.2	
WD13-003-245	2.8	0.6	4	0.717	3.17	> 10.0	0.05	0.11	7.35	2.6	20	172	331	3.29	30.6	526	205	26.5	10.9	< 0.1	3.1	1.2	1.3	82.1	

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Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
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WD13-003-211	0.23	< 0.1	< 0.1	< 0.01	< 0.002	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	0.20	46.3	< 0.5	0.33	< 0.1	0.12	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-003-212	6.50	3.9	< 0.1	8.10	0.069	< 0.01	< 0.02	1.38	0.57	0.04	0.28	74.9	4.4	11.8	1.2	5.36	1.2	0.4	1.3	0.2	1.4	0.3	0.7	0.1
WD13-003-213	9.59	6.3	0.1	7.38	0.066	< 0.01	< 0.02	1.10	0.41	< 0.02	0.35	113	6.2	13.1	1.8	8.05	1.8	0.5	1.9	0.3	1.9	0.4	1.1	0.1
WD13-003-214	11.0	4.7	< 0.1	1.31	0.127	0.46	< 0.02	0.54	< 0.02	< 0.02	1.43	35.0	9.9	21.2	2.6	10.5	2.2	0.6	2.3	0.4	2.4	0.5	1.3	0.2
WD13-003-215	10.0	5.7	0.1	0.71	0.168	0.02	< 0.02	0.52	< 0.02	< 0.02	0.41	13.7	11.1	23.3	2.8	11.0	2.0	0.6	2.1	0.3	2.0	0.4	1.2	0.2
WD13-003-216	11.4	7.7	0.1	0.56	0.096	0.04	< 0.02	0.57	< 0.02	0.04	0.43	17.3	11.4	24.6	3.0	11.7	2.2	0.7	2.2	0.4	2.3	0.5	1.3	0.2
WD13-003-217	19.0	5.4	0.1	0.51	0.041	0.10	0.03	0.78	< 0.02	< 0.02	0.34	14.8	11.9	25.5	3.3	13.3	2.9	0.9	3.3	0.6	3.7	0.8	2.4	0.3
WD13-003-218	9.68	6.9	0.2	0.37	0.038	< 0.01	< 0.02	0.52	< 0.02	< 0.02	0.95	44.4	12.2	25.3	3.1	11.7	2.1	0.5	2.1	0.3	2.0	0.4	1.1	0.2
WD13-003-219	9.60	7.0	0.2	0.43	0.062	< 0.01	< 0.02	0.54	< 0.02	< 0.02	0.48	16.8	11.9	25.1	3.0	11.3	2.0	0.5	2.0	0.3	1.9	0.4	1.1	0.1
WD13-003-220	10.2	5.7	0.1	2.01	0.168	0.04	< 0.02	0.54	< 0.02	< 0.02	1.44	26.1	10.3	21.9	2.6	10.3	2.0	0.6	2.1	0.3	2.1	0.4	1.2	0.2
WD13-003-221	12.9	2.4	< 0.1	0.32	0.205	0.08	0.03	0.35	0.03	< 0.02	1.16	42.6	2.8	6.94	1.0	4.93	1.4	0.5	2.0	0.4	2.6	0.6	1.7	0.2
WD13-003-222	11.4	2.0	< 0.1	0.48	0.132	< 0.01	0.02	0.23	0.03	< 0.02	0.26	13.9	2.3	5.67	0.8	3.99	1.2	0.5	1.7	0.3	2.2	0.5	1.5	0.2
WD13-003-223	11.2	1.7	< 0.1	0.32	0.101	0.01	< 0.02	0.20	0.09	< 0.02	0.36	18.4	2.2	5.48	0.8	3.93	1.1	0.4	1.6	0.3	2.2	0.5	1.4	0.2
WD13-003-224	18.6	19.8	0.6	0.21	0.082	< 0.01	0.03	0.77	< 0.02	< 0.02	1.27	111	26.0	57.8	7.3	30.2	5.8	1.6	5.2	0.7	4.1	0.8	2.2	0.3
WD13-003-225	12.3	13.5	0.2	0.36	0.139	< 0.01	< 0.02	0.75	< 0.02	< 0.02	1.44	58.9	15.8	34.2	4.2	16.8	3.3	0.9	3.1	0.4	2.7	0.5	1.4	0.2
WD13-003-226	10.0	7.9	0.2	0.63	0.364	0.01	< 0.02	0.74	< 0.02	0.03	2.41	46.8	14.7	30.3	3.6	14.0	2.7	0.7	2.5	0.4	2.2	0.4	1.1	0.1
WD13-003-227	10.5	10.0	0.2	0.61	0.086	< 0.01	< 0.02	0.67	0.02	0.22	1.55	25.4	14.3	29.7	3.5	13.9	2.6	0.7	2.5	0.4	2.2	0.4	1.2	0.2
WD13-003-228	10.6	5.2	0.1	23.6	0.064	0.03	< 0.02	0.63	< 0.02	0.30	3.61	66.9	13.7	28.5	3.4	13.5	2.6	0.8	2.6	0.4	2.3	0.4	1.2	0.1
WD13-003-229	10.5	3.9	< 0.1	1.02	0.057	0.16	< 0.02	0.55	0.04	0.10	1.80	26.7	6.8	15.0	1.9	7.71	1.7	0.5	1.9	0.3	2.1	0.4	1.3	0.2
WD13-003-230	0.86	0.4	< 0.1	7.67	0.124	< 0.01	< 0.02	1.46	0.86	0.52	0.13	19.1	1.5	6.33	0.2	0.84	< 0.1	0.1	0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1
WD13-003-231	10.6	1.9	< 0.1	0.78	0.026	0.03	< 0.02	0.27	0.05	0.16	0.41	13.7	3.2	7.59	1.0	4.68	1.2	0.4	1.6	0.3	2.0	0.4	1.3	0.2
WD13-003-232	13.3	1.9	< 0.1	0.28	0.078	0.02	0.03	0.30	0.08	< 0.02	0.62	20.3	3.7	8.87	1.2	5.89	1.5	0.6	2.0	0.4	2.5	0.6	1.6	0.2
WD13-003-233	13.4	4.6	< 0.1	0.74	0.101	0.07	0.03	0.49	0.08	0.20	0.42	21.5	4.2	9.90	1.3	6.10	1.6	0.5	2.0	0.4	2.5	0.5	1.7	0.2
WD13-003-234	15.5	3.5	< 0.1	0.51	0.066	0.06	0.04	0.44	0.09	0.16	0.48	19.7	5.2	12.0	1.6	7.41	1.9	0.6	2.5	0.4	3.0	0.6	1.9	0.3
WD13-003-235	13.1	4.8	0.1	0.63	0.089	0.01	< 0.02	0.63	0.04	< 0.02	1.15	33.7	10.0	21.4	2.7	10.9	2.4	0.6	2.5	0.4	2.6	0.5	1.6	0.2
WD13-003-236	9.25	6.9	0.2	0.48	0.060	< 0.01	< 0.02	0.73	< 0.02	< 0.02	1.84	34.6	11.6	24.8	2.9	11.9	2.5	0.5	2.3	0.3	2.0	0.4	0.9	0.1
WD13-003-237	9.53	6.9	0.2	0.59	0.089	0.02	< 0.02	0.63	0.03	0.02	1.72	32.4	11.9	25.3	3.0	12.0	2.4	0.6	2.4	0.4	2.1	0.4	1.1	0.1
WD13-003-238	9.46	7.1	0.2	0.74	0.036	< 0.01	< 0.02	0.57	0.04	0.14	2.31	42.5	12.1	25.6	3.1	11.9	2.3	0.6	2.3	0.4	2.1	0.4	1.1	0.1
WD13-003-239	13.6	4.9	0.1	0.75	0.055	< 0.01	0.02	0.51	0.09	0.21	0.78	23.1	10.4	22.5	2.8	11.0	2.4	0.7	2.5	0.4	2.9	0.6	1.8	0.3
WD13-003-240	7.25	9.7	0.1	0.24	0.042	< 0.01	< 0.02	0.34	< 0.02	0.14	0.27	16.3	15.5	31.9	3.8	14.3	2.4	0.7	2.0	0.3	1.6	0.3	0.8	0.1
WD13-003-241	14.6	14.0	0.4	0.65	0.061	0.71	< 0.02	0.60	0.05	0.06	1.75	36.5	19.3	41.8	5.2	20.3	4.1	1.0	3.6	0.5	3.2	0.6	1.7	0.2
WD13-003-242	18.8	15.0	1.0	0.25	0.075	0.02	0.03	0.77	0.09	0.10	0.88	44.9	28.9	62.9	8.0	32.4	6.3	1.7	5.3	0.7	4.2	0.8	2.1	0.3
WD13-003-243	18.7	19.5	1.2	0.26	0.087	< 0.01	0.04	0.82	0.14	0.30	1.25	72.0	28.4	61.9	7.8	32.0	6.2	1.7	5.3	0.7	4.2	0.8	2.1	0.3
WD13-003-244	9.70	8.9	0.2	0.21	0.054	0.01	< 0.02	0.38	0.03	0.19	0.72	43.6	9.5	20.8	2.6	10.6	2.2	0.7	2.1	0.3	1.9	0.4	1.1	0.1
WD13-003-245	0.84	0.2	< 0.1	7.55	0.225	< 0.01	< 0.02	1.43	0.81	0.71	0.12	20.1	1.5	6.26	0.2	0.87	0.1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1

Activation Laboratories Ltd. Report: A13-02124

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 22 2013 3:21PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	
WD13-003-211	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	5.39	< 0.1	0.3	< 10	6.94	< 0.01	0.08	0.053	21.83	27.98	< 0.01	< 0.01	0.01	0.01	< 0.003	42.16
WD13-003-212	0.6	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.04	3.65	0.7	0.2	< 10	59.75	15.87	6.59	0.098	4.59	6.78	2.39	0.77	0.46	0.10	0.018	2.16
WD13-003-213	0.9	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.05	2.77	1.2	0.3	< 10	69.66	12.44	5.25	0.105	2.38	3.11	3.09	1.09	0.60	0.14	0.022	1.48
WD13-003-214	1.0	0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.05	8.45	1.1	0.2	< 10	60.49	14.96	6.99	0.110	4.13	6.18	2.34	1.34	0.67	0.13	0.024	2.15
WD13-003-215	0.9	0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.02	9.22	1.2	0.2	< 10	61.24	15.35	6.30	0.101	3.48	5.43	4.62	0.61	0.61	0.15	0.020	1.75
WD13-003-216	1.1	0.2	0.2	< 0.05	0.2	0.004	< 5	0.04	3.88	1.7	0.3	40	58.38	14.97	8.43	0.141	3.98	5.91	4.55	0.42	0.75	0.14	0.032	1.27
WD13-003-217	2.1	0.3	0.2	< 0.05	0.2	0.002	< 5	0.02	3.65	1.4	0.2	< 10	56.95	14.73	10.33	0.160	3.52	6.10	4.33	0.50	1.06	0.16	0.036	1.44
WD13-003-218	0.9	0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	1.01	1.3	0.2	< 10	62.19	15.52	5.98	0.092	3.07	4.98	4.80	0.62	0.58	0.15	0.017	1.17
WD13-003-219	0.9	0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	< 0.02	1.18	1.3	0.2	< 10	62.21	15.80	6.07	0.094	3.20	5.21	4.95	0.42	0.59	0.16	0.016	1.16
WD13-003-220	1.0	0.1	0.1	< 0.05	0.4	0.003	< 5	0.05	2.24	1.2	0.1	< 10	61.02	15.53	6.64	0.111	3.88	6.20	3.97	0.90	0.62	0.13	0.022	1.30
WD13-003-221	1.6	0.2	0.1	< 0.05	1.1	< 0.001	< 5	0.05	2.54	0.3	< 0.1	< 10	48.61	15.41	14.09	0.195	6.17	9.94	2.17	0.96	1.03	0.08	0.059	1.28
WD13-003-222	1.3	0.2	< 0.1	< 0.05	0.1	0.001	< 5	< 0.02	2.18	0.2	< 0.1	< 10	48.50	14.28	14.60	0.228	7.35	9.80	2.36	0.47	1.00	0.07	0.057	1.19
WD13-003-223	1.2	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	2.23	0.2	< 0.1	< 10	48.31	14.78	14.02	0.209	7.11	10.21	2.41	0.59	0.99	0.07	0.055	1.28
WD13-003-224	1.7	0.3	0.4	< 0.05	0.1	< 0.001	< 5	0.08	3.59	3.4	0.7	< 10	55.58	17.14	9.41	0.148	3.74	6.95	3.39	1.49	0.92	0.28	0.023	1.62
WD13-003-225	1.1	0.2	0.3	< 0.05	0.2	< 0.001	< 5	0.05	1.81	2.0	0.3	30	59.69	15.98	7.37	0.111	3.63	6.14	3.57	1.10	0.68	0.19	0.021	1.81
WD13-003-226	0.7	0.1	0.2	< 0.05	0.2	0.002	< 5	0.09	1.37	1.5	0.2	10	62.13	15.81	5.83	0.085	3.38	5.77	2.99	1.18	0.58	0.14	0.016	1.90
WD13-003-227	0.9	0.1	0.2	< 0.05	0.4	0.001	8	0.04	1.95	1.8	0.3	40	60.95	16.04	6.73	0.101	3.81	5.69	3.11	1.10	0.60	0.16	0.018	1.86
WD13-003-228	0.8	0.1	< 0.1	< 0.05	0.5	0.029	< 5	0.13	1.98	1.5	0.2	40	62.13	15.28	6.15	0.081	4.36	5.51	1.91	1.61	0.57	0.15	0.018	2.30
WD13-003-229	1.2	0.2	0.1	< 0.05	0.6	0.003	< 5	0.06	2.01	0.8	0.1	10	55.28	14.85	10.29	0.157	6.31	7.35	2.65	0.71	0.80	0.10	0.038	1.95
WD13-003-230	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.007	185	0.02	4.84	0.1	0.2	60	44.98	21.77	6.85	0.080	8.55	12.48	1.17	0.11	0.10	0.01	0.008	2.49
WD13-003-231	1.1	0.2	< 0.1	< 0.05	0.1	0.004	< 5	< 0.02	1.27	0.3	< 0.1	< 10	50.70	14.27	13.60	0.217	6.67	9.22	2.51	0.69	1.00	0.09	0.051	1.12
WD13-003-232	1.4	0.2	< 0.1	< 0.05	0.1	0.004	< 5	0.03	1.76	0.4	< 0.1	< 10	49.28	13.95	14.60	0.219	6.42	9.71	2.10	0.83	1.09	0.09	0.057	1.29
WD13-003-233	1.5	0.2	0.2	< 0.05	0.2	0.005	11	0.03	2.11	1.4	0.5	10	51.50	14.30	12.42	0.199	5.90	8.18	2.62	1.57	0.91	0.07	0.049	1.39
WD13-003-234	1.7	0.3	0.1	< 0.05	0.1	0.006	< 5	0.02	2.47	0.9	0.3	20	50.69	14.18	13.56	0.215	6.12	9.08	2.29	0.87	1.04	0.09	0.054	1.28
WD13-003-235	1.3	0.2	0.1	< 0.05	0.3	0.007	< 5	0.04	2.35	1.3	0.2	30	58.55	14.91	8.41	0.136	4.34	6.25	2.39	1.91	0.76	0.13	0.030	1.99
WD13-003-236	0.6	< 0.1	0.1	< 0.05	0.2	0.001	< 5	0.03	1.40	1.4	0.2	< 10	62.43	16.07	5.94	0.098	4.11	4.17	3.27	1.45	0.58	0.15	0.017	1.87
WD13-003-237	0.8	0.1	0.1	< 0.05	0.3	0.002	< 5	0.04	1.41	1.5	0.2	40	61.95	15.93	6.10	0.095	4.08	4.65	3.48	0.98	0.61	0.15	0.018	1.74
WD13-003-238	0.8	0.1	0.1	< 0.05	1.1	0.004	< 5	0.05	1.43	1.6	0.2	50	62.52	15.55	5.91	0.084	4.35	5.26	2.79	1.10	0.57	0.15	0.018	2.15
WD13-003-239	1.5	0.2	0.2	< 0.05	0.4	0.002	< 5	0.07	3.12	1.6	0.3	30	56.80	15.20	9.40	0.138	5.26	5.69	2.72	1.49	0.84	0.13	0.036	2.37
WD13-003-240	0.6	< 0.1	0.2	< 0.05	0.5	0.006	< 5	< 0.02	1.97	1.7	0.3	50	51.49	12.07	9.66	0.167	10.25	9.23	1.87	1.35	0.61	0.21	0.031	2.23
WD13-003-241	1.3	0.2	0.4	< 0.05	0.5	0.004	< 5	0.06	4.41	3.0	0.5	20	56.26	16.22	7.33	0.115	4.88	6.11	2.25	2.34	0.76	0.18	0.024	2.77
WD13-003-242	1.7	0.2	0.2	< 0.05	0.2	0.004	< 5	0.03	3.44	3.8	0.7	30	54.82	17.62	9.23	0.142	3.78	7.11	3.21	1.24	0.96	0.31	0.025	1.87
WD13-003-243	1.7	0.3	0.4	< 0.05	0.2	0.004	< 5	0.05	3.44	3.7	0.7	40	53.73	17.33	9.79	0.147	4.05	7.50	3.19	1.31	1.03	0.30	0.027	1.80
WD13-003-244	0.9	0.1	0.2	< 0.05	0.7	0.006	< 5	0.03	1.49	1.1	0.3	80	48.89	8.80	9.80	0.254	10.91	16.79	0.96	0.42	0.53	0.12	0.026	3.22
WD13-003-245	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.009	479	0.02	5.28	0.1	< 0.1	70	45.17	22.15	7.11	0.089	8.89	12.85	1.20	0.11	0.10	0.01	0.010	2.66

Activation Laboratories Ltd. Report: A13-02124

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 14 2013 1:37PM	Mar 11 2013 2:39PM	Mar 19 2013 2:37PM	Mar 19 2013 2:37PM	Mar 19 2013 2:37PM
WD13-003-211	98.98	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-003-212	99.65	0.03	0.028	< 0.004	0.008	0.05	474	2040	434
WD13-003-213	99.38	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	0.3	0.6
WD13-003-214	99.54	0.01	0.005	< 0.004	0.006	0.08	< 1	0.9	0.5
WD13-003-215	99.68	< 0.01	0.005	< 0.004	0.004	0.05	2	0.3	0.6
WD13-003-216	99.00	0.01	0.004	0.004	0.005	0.04	2	0.3	0.4
WD13-003-217	99.33	< 0.01	0.003	< 0.004	0.005	0.09	1	< 0.1	0.3
WD13-003-218	99.19	0.01	0.003	< 0.004	< 0.004	0.01	1	< 0.1	0.3
WD13-003-219	99.91	0.01	0.007	< 0.004	0.005	0.01	2	< 0.1	0.3
WD13-003-220	100.4	0.01	0.010	< 0.004	0.016	0.04	9	< 0.1	0.5
WD13-003-221	100.1	0.03	0.033	0.006	0.017	0.17	4	< 0.1	1.3
WD13-003-222	99.97	0.03	0.024	0.006	0.012	0.12	3	< 0.1	1.2
WD13-003-223	100.1	0.02	0.010	0.006	0.013	0.11	4	< 0.1	1.2
WD13-003-224	100.7	< 0.01	< 0.003	< 0.004	0.004	0.10	< 1	< 0.1	< 0.1
WD13-003-225	100.3	0.01	0.035	0.004	0.006	0.04	2	< 0.1	0.3
WD13-003-226	99.85	0.01	0.015	< 0.004	0.010	0.01	3	< 0.1	0.3
WD13-003-227	100.2	0.01	0.013	< 0.004	< 0.004	0.03	1	< 0.1	0.3
WD13-003-228	100.1	0.01	0.015	< 0.004	< 0.004	0.01	3	< 0.1	0.3
WD13-003-229	100.5	0.02	0.006	0.004	< 0.004	0.06	2	< 0.1	0.9
WD13-003-230	98.76	0.08	0.060	0.004	0.017	0.10	1120	6020	1260
WD13-003-231	100.2	0.02	0.016	0.005	0.006	0.08	3	0.5	1.3
WD13-003-232	99.67	0.01	0.006	0.007	0.010	0.14	2	0.7	1.5
WD13-003-233	99.14	0.01	0.005	0.004	0.006	0.07	2	1.4	1.6
WD13-003-234	99.51	0.01	0.006	0.005	0.010	0.12	2	1.3	1.7
WD13-003-235	99.84	0.01	0.017	< 0.004	0.007	0.08	86	< 0.1	0.6
WD13-003-236	100.2	0.01	0.017	< 0.004	< 0.004	< 0.01	2	< 0.1	0.4
WD13-003-237	99.81	0.01	0.008	< 0.004	0.005	0.02	4	< 0.1	0.4
WD13-003-238	100.5	0.01	0.010	< 0.004	< 0.004	< 0.01	< 1	< 0.1	0.4
WD13-003-239	100.1	0.01	0.007	< 0.004	0.005	0.07	< 1	< 0.1	0.8
WD13-003-240	99.28	0.09	0.021	0.004	< 0.004	0.01	< 1	0.6	2.2
WD13-003-241	99.26	0.01	0.004	< 0.004	< 0.004	0.05	1	< 0.1	0.5
WD13-003-242	100.3	< 0.01	< 0.003	0.004	0.006	0.18	1	< 0.1	0.1
WD13-003-243	100.3	0.01	0.031	< 0.004	0.007	0.15	1	< 0.1	< 0.1
WD13-003-244	100.7	< 0.01	0.008	< 0.004	0.007	0.06	2	0.1	0.7
WD13-003-245	100.5	0.08	0.065	0.004	0.020	0.10	1120	6200	1300

Activation Laboratories Ltd. Report: A13-02124

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	2013-03- 22 15:21:45	

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CHR-BKG LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
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Oreas 74a (Fusion)																								
LABSTD																								
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CDN-PGMS-23 LABSTD																								
WD13-003-214																								
Replicate Original																								
WD13-003-214 LABDUP																								
WD13-003-220																								
Replicate Original																								
WD13-003-220 LABDUP																								
WD13-003-224																								
Replicate Original																								
WD13-003-224 LABDUP																								
WD13-003-230																								
Replicate Original																								
WD13-003-230 LABDUP																								
WD13-003-233																								
Replicate Original																								
WD13-003-233 LABDUP																								
WD13-003-234																								
Replicate Original																								
WD13-003-234 LABDUP																								
WD13-003-240																								
Replicate Original																								
WD13-003-240 LABDUP																								
WD13-003-242	28.1	1.1	4	0.304	2.15	3.47	0.23	0.04	2.77	10.1	121	16.6	780	5.12	24.5	14.8	74.3	93.6	12.5	0.1	1.1	1.0	5.2	77.0
Replicate Original																								
WD13-003-242 LABDUP	28.2	0.9	4	0.306	2.14	3.51	0.22	0.03	2.78	10.1	120	16.8	785	5.08	24.9	14.9	76.4	94.9	12.5	0.1	0.7	0.8	5.1	77.0
WD13-003-244 Split	11.1	0.4	3	0.117	1.66	1.60	0.19	0.05	4.00	5.6	69	23.4	539	2.58	11.6	17.3	81.4	39.2	5.07	< 0.1	1.0	0.6	6.0	33.2
Original																								
WD13-003-244	11.4	0.5	4	0.122	1.71	1.66	0.19	0.04	4.10	5.5	70	24.3	535	2.57	12.0	17.5	81.5	38.7	5.14	< 0.1	0.7	0.7	6.0	32.7
LABPREP																								
WD13-003-245	2.7	0.7	4	0.715	3.16	> 10.0	0.05	0.11	7.32	2.6	20	172	331	3.31	30.8	530	205	27.1	11.0	< 0.1	2.9	1.3	1.3	82.2
Replicate Original																								
WD13-003-245 LABDUP	2.8	0.4	5	0.720	3.18	> 10.0	0.05	0.10	7.39	2.7	20	171	331	3.27	30.5	522	205	25.8	10.8	< 0.1	3.3	1.0	1.3	82.0

Activation Laboratories Ltd. Report: A13-02124

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)		
Date Analyzed	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-22 15:21:45	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32		
MICA-FE LABSTD														34.42	19.55	25.63	0.352	4.58	0.45	0.38	8.78	2.52	0.45	0.025	
CHR-BKG LABSTD														15.15	12.93	13.89	0.141	23.52	0.06			0.14			
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.15	10.02	12.90	0.199	13.18	13.85	3.16	1.40	2.62	1.08	0.040	
AC-E LABSTD														70.25	14.72	2.54	0.065	0.06	0.38	6.55	4.52	0.11			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.45	2.19			27.95							
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
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CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-214 Replicate Original																									
WD13-003-214 LABDUP																									
WD13-003-220 Replicate Original																									
WD13-003-220 LABDUP																									
WD13-003-224 Replicate Original																									
WD13-003-224 LABDUP																									
WD13-003-230 Replicate Original																									
WD13-003-230 LABDUP																									
WD13-003-233 Replicate Original														51.42	14.27	12.43	0.198	5.88	8.17	2.63	1.55	0.91	0.07	0.049	1.39
WD13-003-233 LABDUP														51.58	14.33	12.41	0.199	5.92	8.19	2.61	1.58	0.91	0.07	0.050	1.40
WD13-003-234 Replicate Original																									
WD13-003-234 LABDUP																									
WD13-003-240 Replicate Original																									
WD13-003-240 LABDUP																									
WD13-003-242 Replicate Original	1.7	0.2	0.2	< 0.05	0.2	0.004	< 5	0.04	3.38	3.7	0.7	20													
WD13-003-242 LABDUP	1.7	0.2	0.3	< 0.05	0.3	0.004	< 5	0.03	3.51	3.8	0.7	40													
WD13-003-244 Split Original	0.9	0.1	0.2	< 0.05	0.7	0.006	< 5	0.03	1.49	1.1	0.3	80	48.89	8.80	9.80	0.254	10.91	16.79	0.96	0.42	0.53	0.12	0.026	3.22	
WD13-003-244 LABPREP	0.8	0.1	0.2	< 0.05	0.7	0.005	< 5	0.02	1.40	1.1	0.3	30	48.89	8.69	9.79	0.259	10.84	16.79	0.94	0.43	0.53	0.12	0.027	3.29	
WD13-003-245 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.010	513	0.02	5.60	0.2	< 0.1	80													
WD13-003-245 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.007	445	0.02	4.97	0.1	< 0.1	60													

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-14 13:37:32	2013-03-11 14:39:43	2013-03-18 12:57:01	2013-03-18 12:57:01	2013-03-18 12:57:01

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.201	0.018	0.006				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.95			
LKSD-4 LABSTD						1.00			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.055	0.122				
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1140	5730	1340	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1190	6180	1390	
CDN-PGMS-22 LABSTD						1200	5940	1380	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						481	2100	478	
CDN-PGMS-23 LABSTD						524	2120	487	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						502	2060	493	
CDN-PGMS-23 LABSTD						524	2120	487	
WD13-003-214 Replicate Original						< 1	0.9	0.6	
WD13-003-214 LABDUP						< 1	1.0	0.5	
WD13-003-220 Replicate Original						0.04			
WD13-003-220 LABDUP						0.04			
WD13-003-224 Replicate Original						< 1	< 0.1	0.1	
WD13-003-224 LABDUP						< 1	< 0.1	< 0.1	
WD13-003-230 Replicate Original						0.10			
WD13-003-230 LABDUP						0.10			
WD13-003-233 Replicate Original	98.99	0.01	0.005	0.004	0.006				
WD13-003-233 LABDUP	99.28	0.01	0.006	0.005	0.006				
WD13-003-234 Replicate Original							2	1.3	1.7
WD13-003-234 LABDUP							2	1.3	1.8
WD13-003-240 Replicate Original						0.01			
WD13-003-240 LABDUP						0.01			
WD13-003-242 Replicate Original									
WD13-003-242 LABDUP									
WD13-003-244 Split Original	100.7	< 0.01	0.008	< 0.004	0.007	0.06	2	0.1	0.7
WD13-003-244 LABPREP	100.6	< 0.01	0.007	< 0.004	0.006	0.06	2	0.5	0.7
WD13-003-245 Replicate Original									
WD13-003-245 LABDUP									



Date Submitted: 01-Mar-13
Invoice No.: A13-02298
Invoice Date: 08-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

28 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02298**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02298 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-003-316	5.4	< 0.1	38	0.017	> 10.0	0.03	0.01	0.03	23.4	0.1	4	2.2	479	0.09	0.4	3.4	1.54	30.6	< 0.02	< 0.1	0.7	0.3	0.8	186	
WD13-003-317	10.3	0.2	9	0.441	1.84	> 10.0	0.14	0.10	3.62	6.7	65	89.8	559	3.94	16.3	182	96.4	46.1	9.43	< 0.1	4.7	0.6	4.7	76.4	
WD13-003-318	11.6	0.3	8	0.141	0.91	1.99	0.16	0.06	1.25	6.8	72	37.1	492	2.85	9.5	22.4	22.2	47.0	6.79	< 0.1	4.1	0.3	5.2	60.8	
WD13-003-319	22.5	0.4	4	0.508	1.65	4.01	0.20	0.49	3.52	12.1	92	57.3	812	6.84	28.2	20.8	63.0	73.3	12.9	< 0.1	0.7	0.5	6.2	135	
WD13-003-320	29.6	0.4	4	0.385	1.56	4.15	0.24	0.15	4.32	13.1	88	33.9	800	7.13	29.4	18.1	24.7	71.2	13.0	< 0.1	0.3	0.5	7.6	141	
WD13-003-321	26.3	0.5	5	0.489	1.43	4.05	0.25	0.08	4.63	14.4	93	27.5	750	6.48	27.7	19.2	33.7	77.1	13.4	< 0.1	0.4	0.5	8.3	161	
WD13-003-322	23.6	0.5	6	0.643	1.70	> 10.0	0.29	0.08	4.36	16.1	101	28.2	853	6.77	25.5	13.6	19.3	82.8	15.1	0.1	0.3	0.5	10.5	188	
WD13-003-323	20.2	0.4	5	0.393	1.44	4.10	0.29	0.16	4.20	12.4	91	26.1	765	6.53	24.5	13.3	14.8	70.4	13.9	< 0.1	0.4	0.4	9.1	183	
WD13-003-324	20.3	0.6	4	0.358	1.26	3.44	0.33	0.26	4.28	13.2	84	22.2	719	6.47	25.4	13.0	18.7	63.2	12.1	< 0.1	0.6	0.4	11.1	146	
WD13-003-325	26.4	0.4	6	0.336	1.41	2.94	0.22	0.18	3.12	11.1	75	46.9	742	5.42	21.0	29.0	32.7	83.2	12.8	< 0.1	0.8	0.6	8.4	112	
WD13-003-326	31.7	0.4	4	0.257	1.16	3.52	0.19	0.07	3.80	17.6	58	36.0	1150	7.26	17.2	19.4	49.8	120	15.8	0.1	1.3	0.8	5.1	90.0	
WD13-003-327	14.5	0.3	5	0.209	0.83	2.90	0.18	0.04	4.15	19.0	133	9.5	1000	5.92	24.2	14.7	68.6	71.2	13.3	0.1	4.7	0.6	3.2	197	
WD13-003-328	15.9	0.4	6	0.322	1.23	2.39	0.25	0.04	3.35	19.3	135	129	1050	5.52	25.9	51.0	69.5	71.0	11.0	0.1	2.5	0.6	4.5	95.9	
WD13-003-329	16.3	0.4	5	0.410	1.08	2.89	0.21	0.05	2.82	19.2	40	24.5	1150	7.21	15.2	10.4	26.8	126	14.1	0.1	1.6	0.4	3.9	66.4	
WD13-003-330	19.3	0.6	7	0.405	1.21	3.77	0.26	0.06	3.42	18.0	40	47.9	1320	7.77	15.5	14.7	30.3	129	15.8	0.1	3.5	0.5	8.0	68.3	
WD13-003-331	34.6	0.3	4	0.218	1.42	2.50	0.14	0.04	1.39	5.6	65	88.5	470	3.78	17.2	37.6	88.4	68.9	12.0	< 0.1	11.7	0.4	5.6	41.7	
WD13-003-332	25.8	0.2	2	0.255	1.18	1.83	0.10	0.05	1.15	5.7	58	73.0	380	3.44	14.6	36.1	44.0	50.2	9.00	< 0.1	6.6	0.3	3.3	52.1	
WD13-003-333	20.7	0.5	6	0.347	1.22	2.66	0.23	0.07	2.99	16.7	44	61.3	996	6.45	16.2	24.6	22.8	121	12.6	0.1	1.2	0.5	6.6	68.4	
WD13-003-334	19.6	0.5	7	0.466	1.10	3.65	0.26	0.13	3.01	17.8	37	15.8	1300	8.07	14.9	7.8	25.1	136	15.8	0.1	1.9	0.7	7.5	109	
WD13-003-335	2.7	< 0.1	4	0.873	3.13	> 10.0	0.06	0.14	9.18	3.1	21	178	413	4.33	31.6	517	196	24.6	11.8	< 0.1	2.8	0.9	1.5	92.8	
WD13-003-336	25.3	0.4	5	0.323	0.93	2.94	0.24	0.09	2.63	15.1	46	22.9	901	6.65	13.8	14.2	40.4	95.0	12.6	0.1	1.1	0.8	7.7	60.3	
WD13-003-337	23.5	0.3	4	0.315	0.80	2.62	0.17	0.05	1.80	10.4	51	27.1	745	5.61	11.9	19.0	33.8	65.7	10.6	< 0.1	1.2	0.9	5.7	49.5	
WD13-003-338	22.8	0.6	5	0.298	0.95	3.43	0.27	0.07	3.38	17.2	38	27.0	1130	7.90	15.8	14.2	29.3	116	13.3	0.1	0.9	0.6	6.8	59.5	
WD13-003-339	17.5	0.4	4	0.402	0.91	3.25	0.26	0.08	3.29	21.0	33	13.1	1200	8.00	16.1	7.8	24.7	107	13.0	0.1	1.0	0.6	5.4	91.0	
WD13-003-340	19.3	0.4	4	0.359	0.90	2.89	0.23	0.09	3.02	18.2	48	16.7	1040	6.90	15.6	9.5	22.9	115	12.5	0.1	0.9	0.6	5.9	66.2	
WD13-003-341	25.5	0.5	6	0.408	1.25	3.38	0.30	0.15	3.15	20.5	63	36.8	1200	8.28	20.9	24.4	96.3	132	14.4	0.1	1.4	0.9	8.6	56.2	
WD13-003-342	22.5	0.4	6	0.373	1.21	2.99	0.23	0.11	2.48	17.0	78	32.6	962	6.31	16.8	14.6	44.0	109	13.7	0.1	1.0	0.7	7.0	56.8	
WD13-003-343	14.1	0.2	3	0.392	1.49	2.49	0.15	0.04	2.42	13.7	98	74.1	707	4.80	20.4	51.0	31.4	69.4	9.41	< 0.1	0.5	0.4	3.9	26.5	
WD13-003-344	26.1	0.1	4	0.251	1.29	2.05	0.11	0.03	1.24	10.3	96	121	351	3.46	19.5	68.7	68.2	72.9	7.61	< 0.1	1.0	0.4	4.8	19.4	
WD13-003-345	21.0	0.3	9	0.446	1.51	3.03	0.25	0.08	2.25	23.7	136	192	531	4.16	21.8	55.8	109	197	9.90	< 0.1	0.7	0.6	11.7	32.1	
WD13-003-346	33.5	0.1	5	0.361	2.84	3.65	0.07	0.14	1.48	21.4	204	274	669	6.36	36.0	96.6	163	178	10.8	< 0.1	0.7	0.5	2.6	22.5	
WD13-003-347	3.2	< 0.1	6	0.964	3.17	> 10.0	0.06	0.11	9.06	3.5	26	192	396	4.05	30.2	528	214	26.9	12.7	< 0.1	2.7	0.9	1.6	99.6	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg		SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	
WD13-003-316	< 0.1	< 0.1	< 0.1	0.05	0.1	0.001	< 5	0.05	3.03	< 0.1	0.3	40	7.22	0.10	0.09	0.061	22.08	29.35	< 0.01	0.01	0.01	0.01	< 0.003	41.32
WD13-003-317	0.7	< 0.1	0.1	< 0.05	0.2	0.002	465	0.07	4.59	0.9	0.3	60	59.80	15.78	6.37	0.100	4.57	6.60	2.42	0.75	0.44	0.09	0.018	1.78
WD13-003-318	0.9	0.1	0.2	< 0.05	15.0	0.001	< 5	0.07	3.28	1.2	0.4	40	69.59	12.51	5.00	0.092	2.32	3.66	3.08	1.05	0.59	0.14	0.015	1.50
WD13-003-319	0.9	0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.05	2.79	2.3	0.6	30	49.77	17.95	11.03	0.161	3.72	8.31	3.21	1.04	1.04	0.71	0.023	1.59
WD13-003-320	0.8	0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.05	2.35	1.6	0.4	< 10	49.26	18.26	11.32	0.148	3.38	8.34	3.36	1.16	1.20	0.66	0.017	1.67
WD13-003-321	0.9	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.70	1.5	0.4	20	49.76	18.95	10.54	0.148	3.23	8.42	3.33	0.94	1.17	0.67	0.021	1.68
WD13-003-322	1.0	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	2.97	1.5	0.5	20	50.15	18.61	11.32	0.152	3.36	8.46	3.19	1.22	1.30	0.70	0.013	1.34
WD13-003-323	0.9	0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	3.99	1.8	0.5	20	50.32	18.68	10.92	0.146	3.06	8.72	3.84	1.43	1.16	0.66	0.013	1.72
WD13-003-324	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	3.49	1.6	0.5	< 10	50.90	18.40	10.94	0.145	3.08	8.23	3.90	1.32	1.15	0.68	0.019	1.77
WD13-003-325	0.8	0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	4.00	1.4	0.4	< 10	53.78	18.51	9.03	0.138	3.05	7.00	4.39	1.37	0.83	0.46	0.017	1.68
WD13-003-326	1.4	0.2	0.2	< 0.05	0.5	0.001	< 5	0.03	7.06	2.6	0.7	< 10	56.55	16.13	10.66	0.188	2.43	6.60	3.79	1.35	0.92	0.34	0.012	1.79
WD13-003-327	1.5	0.2	0.3	< 0.05	0.3	< 0.001	< 5	0.03	2.54	1.5	0.4	< 10	52.47	15.25	12.61	0.241	2.85	9.61	3.00	1.11	1.15	0.22	0.034	1.07
WD13-003-328	1.4	0.2	0.3	< 0.05	0.3	< 0.001	< 5	0.04	2.83	2.8	0.6	< 10	54.77	14.80	10.67	0.209	4.62	8.05	3.57	1.24	0.84	0.20	0.032	0.97
WD13-003-329	1.1	0.2	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	2.72	2.1	0.5	< 10	52.45	18.04	11.80	0.207	2.15	7.07	4.07	0.98	1.11	0.46	< 0.003	0.91
WD13-003-330	1.1	0.2	0.1	< 0.05	0.2	< 0.001	< 5	0.04	3.71	1.9	0.5	< 10	52.06	17.10	12.10	0.225	2.39	7.05	3.67	1.20	1.02	0.44	< 0.003	1.37
WD13-003-331	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.04	6.18	1.3	0.3	< 10	61.22	16.66	5.24	0.084	2.80	4.14	4.68	1.25	0.47	0.12	0.024	1.85
WD13-003-332	0.4	< 0.1	0.1	0.07	0.1	< 0.001	< 5	0.03	2.93	1.4	0.4	< 10	62.76	16.55	4.98	0.066	2.76	4.68	4.25	1.19	0.44	0.12	0.012	1.57
WD13-003-333	1.0	0.1	0.2	0.31	0.1	< 0.001	< 5	0.04	5.85	2.8	0.6	< 10	53.34	17.58	11.29	0.203	3.32	6.94	4.07	1.17	1.08	0.47	0.020	1.22
WD13-003-334	1.2	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.04	3.46	2.1	0.6	< 10	53.62	17.65	12.14	0.213	2.04	6.65	3.72	1.39	1.17	0.47	0.003	1.12
WD13-003-335	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1740	0.03	5.82	0.2	< 0.1	50	45.38	21.95	6.89	0.088	8.66	12.65	1.31	0.13	0.11	0.01	0.009	2.44
WD13-003-336	0.8	0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.04	2.93	1.8	0.5	< 10	55.30	17.68	10.68	0.174	2.11	5.88	3.89	1.43	0.99	0.34	0.010	1.22
WD13-003-337	0.5	< 0.1	0.1	< 0.05	0.2	0.001	< 5	0.04	2.55	1.4	0.3	< 10	59.37	17.10	9.27	0.146	2.06	5.15	3.98	0.86	0.64	0.18	0.019	1.12
WD13-003-338	1.1	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.04	5.05	2.3	0.7	< 10	55.33	16.43	12.08	0.200	2.11	6.22	3.41	1.12	0.96	0.37	0.006	1.27
WD13-003-339	1.2	0.2	0.2	< 0.05	0.3	< 0.001	< 5	0.03	2.89	1.9	0.5	< 10	54.41	17.01	11.74	0.199	1.88	6.70	3.53	1.20	1.05	0.39	< 0.003	0.91
WD13-003-340	1.3	0.2	0.2	< 0.05	0.4	< 0.001	< 5	0.04	2.92	2.3	0.6	< 10	54.84	17.54	10.77	0.187	2.03	6.74	5.09	1.08	0.98	0.45	0.013	0.97
WD13-003-341	1.3	0.2	0.2	< 0.05	0.3	0.001	< 5	0.05	3.79	1.8	0.6	< 10	53.55	16.33	13.26	0.227	2.83	6.20	3.20	1.27	0.80	0.25	0.017	1.17
WD13-003-342	1.4	0.2	0.2	< 0.05	0.3	< 0.001	13	0.05	3.66	3.1	0.5	< 10	56.93	17.47	9.40	0.157	2.38	6.09	3.77	0.98	0.94	0.36	0.014	1.12
WD13-003-343	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	2.60	0.5	0.1	< 10	57.73	15.71	9.30	0.162	4.11	6.77	3.94	0.60	0.73	0.15	0.029	0.85
WD13-003-344	0.7	0.1	< 0.1	< 0.05	0.2	0.006	13	0.04	3.00	0.3	< 0.1	< 10	54.57	17.39	9.74	0.160	5.78	5.39	4.97	0.55	0.71	0.12	0.031	1.28
WD13-003-345	1.2	0.2	< 0.1	< 0.05	0.3	0.001	74	0.07	4.55	0.6	0.2	< 10	52.33	15.96	12.72	0.239	6.70	5.88	3.33	0.95	0.66	0.14	0.042	1.18
WD13-003-346	1.1	0.2	< 0.1	< 0.05	0.3	< 0.001	73	0.05	2.10	0.2	< 0.1	< 10	49.02	13.50	15.51	0.270	9.50	4.96	2.59	0.38	0.77	0.06	0.053	2.00
WD13-003-347	0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	732	0.04	5.72	0.2	0.1	30	45.23	22.11	6.90	0.087	8.73	12.62	1.34	0.12	0.10	0.01	0.010	2.47

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 22 2013 12:37PM	Mar 11 2013 4:36PM	Apr 8 2013 1:14PM	Apr 8 2013 1:14PM	Apr 8 2013 1:14PM
WD13-003-316	100.3	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	0.2
WD13-003-317	98.79	0.03	0.029	< 0.004	0.007	0.06	479	2050	470
WD13-003-318	99.57	< 0.01	0.005	< 0.004	0.007	0.04	3	1.0	1.5
WD13-003-319	98.57	< 0.01	0.006	< 0.004	0.008	0.39	2	2.4	1.1
WD13-003-320	98.78	< 0.01	0.004	< 0.004	< 0.004	0.09	< 1	1.0	0.6
WD13-003-321	98.87	< 0.01	< 0.003	0.004	< 0.004	0.09	< 1	0.8	0.5
WD13-003-322	99.83	< 0.01	< 0.003	0.006	< 0.004	0.05	< 1	0.7	0.4
WD13-003-323	100.7	0.03	0.061	< 0.004	< 0.004	0.06	< 1	0.6	0.4
WD13-003-324	100.6	0.01	0.042	0.005	< 0.004	0.25	1	2.0	0.7
WD13-003-325	100.4	0.04	0.070	< 0.004	< 0.004	0.26	< 1	1.1	0.6
WD13-003-326	100.8	< 0.01	0.010	< 0.004	< 0.004	0.29	< 1	0.7	0.5
WD13-003-327	99.62	< 0.01	0.005	< 0.004	0.004	0.08	2	10.7	7.8
WD13-003-328	100.0	0.02	0.010	< 0.004	0.007	0.05	1	4.5	4.5
WD13-003-329	99.31	0.03	0.036	< 0.004	< 0.004	0.15	1	0.5	0.4
WD13-003-330	98.67	0.02	0.025	< 0.004	< 0.004	0.14	2	0.5	0.6
WD13-003-331	98.56	0.01	0.006	< 0.004	0.008	0.33	1	1.0	1.0
WD13-003-332	99.41	0.01	0.013	< 0.004	< 0.004	0.41	2	1.7	0.7
WD13-003-333	100.7	< 0.01	0.007	< 0.004	< 0.004	0.12	< 1	2.0	0.9
WD13-003-334	100.2	< 0.01	0.003	< 0.004	< 0.004	0.19	< 1	0.6	0.3
WD13-003-335	99.77	0.07	0.065	0.004	0.018	0.10	1210	6180	1340
WD13-003-336	99.71	< 0.01	< 0.003	< 0.004	< 0.004	0.17	2	1.0	1.5
WD13-003-337	99.91	< 0.01	0.005	< 0.004	< 0.004	0.24	1	0.8	0.7
WD13-003-338	99.51	< 0.01	< 0.003	< 0.004	< 0.004	0.10	< 1	0.5	0.5
WD13-003-339	99.08	0.02	0.038	< 0.004	< 0.004	0.12	1	0.6	0.4
WD13-003-340	100.7	< 0.01	0.014	< 0.004	< 0.004	0.08	2	3.2	0.8
WD13-003-341	99.12	< 0.01	< 0.003	< 0.004	0.006	0.31	2	1.0	0.8
WD13-003-342	99.68	0.01	0.050	< 0.004	0.008	0.13	5	1.1	0.8
WD13-003-343	100.3	0.03	0.126	< 0.004	0.005	0.04	1	0.8	0.6
WD13-003-344	100.8	0.03	0.062	0.004	0.006	0.06	19	2.1	1.6
WD13-003-345	100.2	0.05	0.008	0.004	0.009	0.13	141	16.3	12.5
WD13-003-346	98.68	0.03	0.014	0.004	0.013	0.26	113	15.9	13.1
WD13-003-347	99.89	0.08	0.064	< 0.004	0.019	0.10	1270	6180	1380

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	

MICA-FE LABSTD

CHR-BKG LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

WD13-003-325

Replicate Original

WD13-003-325 LABDUP

WD13-003-326

Replicate Original

WD13-003-326 LABDUP

WD13-003-328

Replicate Original

WD13-003-328 LABDUP

WD13-003-335

Replicate Original

WD13-003-335 LABDUP

WD13-003-336

Replicate Original

WD13-003-336 LABDUP

WD13-003-342

Replicate Original

WD13-003-342 LABDUP

WD13-003-345

Replicate Original

WD13-003-345 Split

Original

WD13-003-345 LABDUP

WD13-003-345

LABPREP

WD13-003-346

Replicate Original

WD13-003-346 LABDUP

16.0	0.4	6	0.321	1.22	2.36	0.25	0.04	3.35	19.1	131	127	1040	5.51	25.8	51.1	69.2	70.6	11.0	0.1	2.4	0.6	4.5	96.5
15.8	0.4	6	0.323	1.23	2.42	0.25	0.04	3.35	19.4	139	130	1050	5.52	25.9	51.0	69.8	71.4	11.0	0.1	2.6	0.6	4.5	95.4
23.5	0.4	6	0.380	1.21	2.90	0.23	0.11	2.54	17.8	78	32.5	944	6.21	16.7	14.9	45.4	112	13.8	0.1	1.0	0.8	7.2	58.1
21.5	0.3	6	0.367	1.22	3.08	0.23	0.11	2.41	16.3	77	32.8	980	6.41	16.8	14.4	42.6	107	13.6	0.1	0.9	0.6	6.9	55.4
21.0	0.3	9	0.446	1.51	3.03	0.25	0.08	2.25	23.7	136	192	531	4.16	21.8	55.8	109	197	9.90	< 0.1	0.7	0.6	11.7	32.1
19.9	0.3	8	0.421	1.45	2.85	0.23	0.08	2.11	22.2	130	182	498	3.93	20.5	52.6	106	190	9.39	< 0.1	0.8	0.6	10.9	30.6

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	

MICA-FE LABSTD

CHR-BKG LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

WD13-003-325

Replicate Original

WD13-003-325 LABDUP

WD13-003-326

Replicate Original

WD13-003-326 LABDUP

WD13-003-328

Replicate Original

WD13-003-328 LABDUP

WD13-003-335

Replicate Original

WD13-003-335 LABDUP

WD13-003-336

Replicate Original

WD13-003-336 LABDUP

WD13-003-342

Replicate Original

WD13-003-342 LABDUP

WD13-003-345

Replicate Original

WD13-003-345 Split

Original

WD13-003-345 LABDUP

WD13-003-345

LABPREP

WD13-003-346

Replicate Original

WD13-003-346 LABDUP

15.4	10.3	0.5	0.53	0.063	0.08	0.04	0.66	0.10	0.03	0.57	43.6	21.2	46.7	5.9	23.9	4.5	1.2	3.5	0.5	3.1	0.6	1.7	0.3
15.4	10.0	0.5	0.68	0.056	0.10	0.03	0.66	0.09	< 0.02	0.58	43.3	21.3	46.4	5.9	24.2	4.5	1.2	3.5	0.5	3.1	0.6	1.7	0.3
17.8	6.0	0.8	0.71	0.092	0.20	0.04	0.61	0.10	0.03	1.64	98.8	22.7	48.5	6.1	25.3	4.8	1.4	4.1	0.6	3.5	0.7	2.0	0.3
17.3	6.0	0.8	0.70	0.083	0.19	0.04	0.60	0.10	0.03	1.64	97.1	22.5	47.8	5.9	25.1	4.9	1.4	4.3	0.6	3.5	0.7	1.9	0.3
11.1	1.0	< 0.1	1.88	0.060	2.11	0.11	0.18	0.04	0.03	0.85	56.7	8.7	18.7	2.3	9.94	2.0	0.8	1.9	0.3	2.1	0.5	1.4	0.2
10.5	1.0	< 0.1	1.80	0.084	2.00	0.10	0.17	0.04	0.04	0.81	52.4	8.3	17.7	2.3	9.61	1.9	0.8	1.8	0.3	2.0	0.4	1.3	0.2

Activation Laboratories Ltd. Report: A13-02298 rev 2

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb		%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06		0.14				
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
BaSO4 LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.55	2.18			27.89							
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-325 Replicate Original																									
WD13-003-325 LABDUP																									
WD13-003-326 Replicate Original																									
WD13-003-326 LABDUP																									
WD13-003-328 Replicate Original	1.4	0.2	0.3	< 0.05	0.3	0.001	< 5	0.04	2.79	2.8	0.6	< 10													
WD13-003-328 LABDUP	1.4	0.2	0.3	< 0.05	0.3	< 0.001	< 5	0.04	2.87	2.8	0.6	< 10													
WD13-003-335 Replicate Original														45.55	22.10	6.91	0.087	8.64	12.70	1.36	0.13	0.10	0.01	0.009	2.44
WD13-003-335 LABDUP														45.20	21.81	6.87	0.089	8.69	12.60	1.25	0.12	0.11	0.01	0.010	2.44
WD13-003-336 Replicate Original																									
WD13-003-336 LABDUP																									
WD13-003-342 Replicate Original	1.4	0.2	0.2	< 0.05	0.3	< 0.001	20	0.05	3.70	3.0	0.5	< 10													
WD13-003-342 LABDUP	1.5	0.2	0.2	< 0.05	0.3	< 0.001	6	0.05	3.61	3.2	0.5	< 10													
WD13-003-345 Replicate Original																									
WD13-003-345 Split Original	1.2	0.2	< 0.1	< 0.05	0.3	0.001	74	0.07	4.55	0.6	0.2	< 10	52.33	15.96	12.72	0.239	6.70	5.88	3.33	0.95	0.66	0.14	0.042	1.18	
WD13-003-345 LABDUP																									
WD13-003-345 LABPREP	1.1	0.2	< 0.1	< 0.05	0.3	0.001	149	0.07	5.07	0.6	0.2	< 10	51.42	15.64	12.56	0.233	6.62	5.87	3.11	0.96	0.64	0.15	0.040	1.27	
WD13-003-346 Replicate Original																									
WD13-003-346 LABDUP																									

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-22 12:37:09	2013-03-11 16:36:56	2013-04-08 13:14:05	2013-04-08 13:14:05	2013-04-08 13:14:05

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						1.01			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1340	6410	1410
CDN-PGMS-23 LABSTD							479	2020	444
WD13-003-325 Replicate Original						0.27			
WD13-003-325 LABDUP						0.26			
WD13-003-326 Replicate Original							< 1	0.6	0.6
WD13-003-326 LABDUP							< 1	0.7	0.5
WD13-003-328 Replicate Original									
WD13-003-328 LABDUP									
WD13-003-335 Replicate Original	100.2	0.07	0.065	0.004	0.018	0.10			
WD13-003-335 LABDUP	99.35	0.07	0.064	0.005	0.018	0.10			
WD13-003-336 Replicate Original							2	1.0	2.1
WD13-003-336 LABDUP							1	1.0	0.8
WD13-003-342 Replicate Original									
WD13-003-342 LABDUP									
WD13-003-345 Replicate Original						0.13			
WD13-003-345 Split Original	100.2	0.05	0.008	0.004	0.009	0.13	141	16.3	12.5
WD13-003-345 LABDUP						0.13			
WD13-003-345 LABPREP	98.56	0.03	0.010	0.004	0.009	0.12	156	20.0	14.6
WD13-003-346 Replicate Original							112	17.1	13.9
WD13-003-346 LABDUP							114	14.6	12.4



Date Submitted: 01-Mar-13
Invoice No.: A13-02299
Invoice Date: 22-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02299**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Activation Laboratories Ltd. Report: A13-02299

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI		
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	
WD13-003-281	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.04	2.36	< 0.1	0.3	< 10	5.60	0.46	0.07	0.058	21.59	29.01	< 0.01	0.01	< 0.01	0.01	< 0.003	42.42		
WD13-003-282	0.7	< 0.1	0.2	< 0.05	0.2	0.002	262	0.07	4.92	1.0	0.5	20	60.33	15.87	6.46	0.101	4.63	6.74	2.47	0.75	0.47	0.09	0.014	1.83		
WD13-003-283	1.0	0.1	0.3	< 0.05	17.2	0.001	< 5	0.08	3.34	1.3	0.4	< 10	68.69	12.35	4.95	0.091	2.30	3.68	3.10	1.05	0.61	0.13	0.017	1.54		
WD13-003-284	1.4	0.2	< 0.1	< 0.05	0.1	0.001	< 5	0.07	1.42	0.5	0.1	< 10	45.05	14.45	15.95	0.192	10.21	7.22	1.28	0.69	1.44	0.12	0.062	2.86		
WD13-003-285	0.9	0.1	0.1	< 0.05	0.3	0.001	6	0.06	2.41	1.3	0.3	< 10	49.87	16.28	11.85	0.177	5.88	8.61	2.33	0.91	1.05	0.17	0.072	2.65		
WD13-003-286	0.9	0.1	0.1	< 0.05	0.4	< 0.001	< 5	0.06	3.12	1.7	0.4	< 10	47.60	19.39	9.17	0.128	2.84	9.61	3.41	0.77	1.03	0.48	0.039	4.99		
WD13-003-287	0.9	0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.07	2.49	1.4	0.4	< 10	49.98	19.82	9.80	0.137	2.98	9.27	3.33	0.93	1.05	0.54	0.020	2.09		
WD13-003-288	0.9	0.1	0.1	< 0.05	0.4	< 0.001	< 5	0.10	4.18	1.3	0.3	< 10	49.09	20.09	9.70	0.131	2.98	9.07	3.60	1.13	1.01	0.54	0.034	1.76		
WD13-003-289	0.8	0.1	0.1	< 0.05	1.0	0.001	< 5	0.07	6.32	1.2	0.4	< 10	49.10	19.80	9.91	0.133	2.90	9.46	3.68	1.23	1.00	0.58	0.026	2.07		
WD13-003-290	1.0	0.2	0.3	< 0.05	0.5	< 0.001	< 5	0.10	3.66	2.3	0.7	< 10	51.01	19.66	9.62	0.134	3.34	9.08	3.37	1.02	0.92	0.55	0.032	1.30		
WD13-003-291	0.9	0.1	0.1	< 0.05	0.3	0.001	< 5	0.10	2.49	1.2	0.3	< 10	48.94	20.42	9.93	0.135	3.07	9.65	3.42	0.95	1.02	0.60	0.024	1.79		
WD13-003-292	0.9	0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.11	2.80	1.2	0.3	< 10	48.45	20.67	9.70	0.131	2.94	9.19	3.55	1.40	0.94	0.58	0.027	1.77		
WD13-003-293	0.8	0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.09	2.52	1.1	0.3	< 10	48.85	20.11	9.89	0.137	3.08	9.18	3.46	1.33	0.98	0.58	0.022	2.19		
WD13-003-294	0.7	0.1	< 0.1	< 0.05	58.8	0.001	< 5	0.05	4.64	2.4	0.5	20	53.09	18.25	9.93	0.109	2.70	8.17	3.58	0.62	0.90	0.51	0.032	2.49		
WD13-003-295	0.9	0.1	< 0.1	< 0.05	3.1	< 0.001	< 5	0.08	2.80	1.2	0.3	< 10	48.60	20.50	10.16	0.129	3.13	9.68	3.50	0.94	0.99	0.55	0.027	1.54		
WD13-003-296	1.0	0.1	0.2	< 0.05	0.5	< 0.001	< 5	0.08	3.38	1.3	0.4	< 10	49.51	20.46	9.88	0.132	3.14	9.68	3.68	0.86	0.98	0.51	0.023	1.49		
WD13-003-297	1.0	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.07	2.78	1.5	0.4	< 10	49.85	20.42	9.90	0.137	3.12	9.85	3.55	0.80	1.02	0.52	0.040	1.16		
WD13-003-298	0.9	0.1	0.2	0.30	0.2	< 0.001	< 5	0.10	3.52	1.7	0.4	< 10	49.88	20.21	10.00	0.134	3.04	9.41	3.39	0.97	1.03	0.52	0.033	1.62		
WD13-003-299	0.9	0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.10	3.36	2.4	0.5	< 10	51.41	19.88	9.53	0.127	2.95	9.10	3.80	0.89	0.98	0.57	0.029	0.93		
WD13-003-300	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	801	0.03	5.30	0.2	< 0.1	20	45.08	22.05	6.86	0.089	8.66	12.60	1.43	0.13	0.09	0.01	0.012	2.48		
WD13-003-301	1.0	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.09	3.15	1.7	0.4	< 10	49.95	20.18	9.62	0.138	2.95	9.37	3.53	1.09	0.97	0.58	0.027	1.68		
WD13-003-302	0.8	0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.07	2.51	2.6	0.6	< 10	49.90	18.33	9.51	0.145	5.11	9.64	3.24	1.03	0.84	0.46	0.020	1.48		
WD13-003-303	0.8	0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.08	3.41	2.9	0.6	< 10	52.02	17.50	8.46	0.126	4.71	8.32	3.79	1.18	0.72	0.36	0.015	1.68		
WD13-003-304	0.9	0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.06	3.28	3.6	0.6	< 10	54.08	19.48	8.60	0.110	2.76	7.23	3.86	1.52	0.81	0.43	0.017	1.59		
WD13-003-305	0.7	0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.06	4.89	4.1	0.7	< 10	52.83	16.31	8.25	0.120	5.51	7.80	4.17	1.19	0.72	0.37	0.023	1.90		
WD13-003-306	0.7	0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	6.89	3.6	0.8	< 10	52.73	16.30	8.71	0.127	5.94	8.84	3.91	1.20	0.75	0.40	0.024	1.54		
WD13-003-307	0.8	0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	2.84	2.0	0.5	< 10	51.10	19.58	9.88	0.133	3.01	9.20	3.56	1.05	1.00	0.56	0.023	1.03		
WD13-003-308	0.9	0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.07	2.78	2.2	0.6	< 10	50.42	19.39	10.35	0.141	3.19	9.27	3.36	1.05	1.04	0.60	0.018	1.08		
WD13-003-309	0.8	0.1	0.1	0.06	< 0.1	< 0.001	< 5	0.10	3.47	2.3	0.6	< 10	52.92	21.37	7.51	0.100	2.28	8.75	3.66	1.10	0.74	0.47	0.015	1.05		
WD13-003-310	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	3.76	1.4	0.4	< 10	49.81	20.25	8.53	0.119	2.82	9.15	3.59	1.48	0.81	0.53	0.029	1.43		
WD13-003-311	0.9	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.97	1.5	0.4	< 10	49.55	19.53	10.70	0.137	3.39	9.24	3.47	1.21	0.99	0.62	0.027	1.45		
WD13-003-312	0.6	< 0.1	0.2	< 0.05	0.1	< 0.001	8	0.06	2.96	3.1	0.7	< 10	50.12	15.07	10.61	0.154	7.08	8.28	2.75	1.66	0.84	0.33	0.019	2.21		
WD13-003-313	0.9	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	4.04	3.3	1.3	< 10	52.09	18.17	9.95	0.143	3.64	7.89	3.46	1.47	0.96	0.57	0.029	1.66		
WD13-003-314	0.9	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.31	1.7	0.5	< 10	50.05	18.45	11.21	0.150	3.58	8.84	3.46	0.85	1.06	0.69	0.027	1.28		
WD13-003-315	0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	1110	0.03	5.69	0.2	0.1	30	45.22	22.16	6.84	0.091	8.76	12.57	1.32	0.12	0.10	0.02	0.010	2.38		

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS	FUS-XRF
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb	%
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt	Cr2O3
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 22 2013 6:57AM	Mar 11 2013 4:36PM	Mar 21 2013 11:53AM	Mar 21 2013 11:53AM	Mar 21 2013 11:53AM	4C (1-10)
WD13-003-281	99.23	< 0.01	< 0.003	< 0.004	< 0.004	0.02	< 1	0.1	0.2	
WD13-003-282	99.82	0.03	0.028	< 0.004	0.007	0.05	476	1890	431	
WD13-003-283	98.55	0.01	0.006	< 0.004	< 0.004	0.04	2	1.1	1.1	
WD13-003-284	99.56	0.01	0.003	0.008	0.014	0.15	3	2.5	2.4	
WD13-003-285	99.87	< 0.01	0.003	0.004	0.006	0.13	2	1.6	1.4	
WD13-003-286	99.45	< 0.01	< 0.003	< 0.004	< 0.004	0.13	< 1	0.4	0.3	
WD13-003-287	99.98	0.02	0.005	< 0.004	0.005	0.18	< 1	0.4	0.3	
WD13-003-288	99.13	< 0.01	< 0.003	< 0.004	< 0.004	0.25	< 1	1.2	0.4	
WD13-003-289	99.90	< 0.01	0.005	< 0.004	< 0.004	0.31	< 1	0.5	0.3	
WD13-003-290	100.1	< 0.01	0.024	< 0.004	< 0.004	0.23	< 1	0.7	0.3	
WD13-003-291	99.96	< 0.01	< 0.003	0.004	0.005	0.47	< 1	0.5	0.3	
WD13-003-292	99.37	< 0.01	< 0.003	0.004	< 0.004	0.15	< 1	0.7	0.5	
WD13-003-293	99.82	< 0.01	0.008	< 0.004	< 0.004	0.36	< 1	0.4	0.3	
WD13-003-294	100.4	< 0.01	< 0.003	< 0.004	0.010	0.82	2	0.6	0.4	
WD13-003-295	99.74	< 0.01	< 0.003	< 0.004	< 0.004	0.32	< 1	0.5	0.3	
WD13-003-296	100.4	< 0.01	0.009	0.004	0.004	0.40	< 1	0.5	0.4	
WD13-003-297	100.4	< 0.01	0.010	< 0.004	< 0.004	0.13	< 1	0.5	0.3	
WD13-003-298	100.3	< 0.01	0.014	< 0.004	< 0.004	0.24	< 1	0.4	0.3	
WD13-003-299	100.2	0.01	0.021	< 0.004	< 0.004	0.07	< 1	0.5	0.2	
WD13-003-300	99.67	0.08	0.065	0.004	0.019	0.10	1120	5980	1250	
WD13-003-301	100.1	< 0.01	0.005	< 0.004	< 0.004	0.05	< 1	0.8	1.3	
WD13-003-302	99.72	0.01	0.006	< 0.004	< 0.004	0.05	< 1	1.1	1.2	
WD13-003-303	98.90	0.01	0.007	< 0.004	< 0.004	0.05	< 1	1.2	1.1	
WD13-003-304	100.5	< 0.01	0.008	< 0.004	0.004	0.20	< 1	0.7	0.5	
WD13-003-305	99.23	0.03	0.011	< 0.004	< 0.004	0.11	< 1	1.6	1.4	
WD13-003-306	100.6	0.05	0.033	< 0.004	< 0.004	0.10	< 1	1.5	1.4	
WD13-003-307	100.2	< 0.01	0.013	< 0.004	< 0.004	0.08	< 1	0.5	0.4	
WD13-003-308	100.0	0.03	0.068	0.004	0.004	0.09	< 1	0.6	0.4	
WD13-003-309	99.96	< 0.01	< 0.003	< 0.004	< 0.004	0.06	< 1	0.6	0.3	
WD13-003-310	98.56	< 0.01	< 0.003	0.004	< 0.004	0.10	< 1	0.5	0.4	
WD13-003-311	100.3	< 0.01	0.011	0.004	0.006	0.08	< 1	0.5	0.3	
WD13-003-312	99.19	0.05	0.012	< 0.004	< 0.004	0.11	< 1	1.1	1.0	
WD13-003-313	100.1	0.02	0.019	0.006	< 0.004	0.07	< 1	0.6	0.4	
WD13-003-314	99.65	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	0.9	0.6	
WD13-003-315	99.76	0.08	0.064	0.007	0.018	0.10	1060	5830	1240	

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	
GXR-1 LABSTD	5.2	0.8	15	0.037	0.14	0.35	0.03	1720	0.80	1.0	73	5.4	832	24.0	7.3	35.2	1070	774	3.00		385	15.5	2.2	207
MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-287 Replicate Original	22.7	0.5	4	0.570	1.33	> 10.0	0.31	0.32	5.32	13.9	122	10.2	691	6.23	25.1	8.0	34.0	63.0	13.2	< 0.1	0.7	0.4	9.9	200
WD13-003-287 LABDUP	24.5	0.5	6	0.635	1.38	> 10.0	0.30	0.31	5.32	15.1	134	11.6	686	6.01	24.9	8.1	36.2	68.8	14.3	< 0.1	0.6	0.5	10.2	210
WD13-003-290 Replicate Original																								
WD13-003-290 LABDUP																								
WD13-003-291 Replicate Original																								
WD13-003-291 LABDUP																								
WD13-003-300 Replicate Original																								
WD13-003-300 LABDUP																								
WD13-003-301 Replicate Original	22.6	0.5	8	0.762	1.56	> 10.0	0.38	0.07	5.11	12.9	121	14.2	753	6.18	23.1	8.0	26.5	71.3	15.3	< 0.1	0.6	0.4	13.0	234
WD13-003-301 LABDUP	22.5	0.6	31	0.774	1.57	> 10.0	0.37	0.07	5.02	13.2	122	14.1	733	6.04	22.8	8.0	27.3	72.9	15.5	< 0.1	0.8	0.4	13.1	234
WD13-003-310 Replicate Original																								
WD13-003-310 Split Original	17.2	0.5	5	0.764	1.36	> 10.0	0.41	0.05	4.72	10.7	98	31.5	625	5.39	22.4	12.4	25.8	56.9	13.2	< 0.1	0.6	0.4	12.4	253
WD13-003-310 LABDUP																								
WD13-003-310 LABPREP	17.1	0.5	7	0.842	1.42	> 10.0	0.38	0.05	4.30	10.3	103	32.7	605	5.19	21.5	12.1	26.9	60.5	14.1	< 0.1	0.6	0.4	12.3	258
WD13-003-310 LABPREP																								
WD13-003-312 Replicate Original																								
WD13-003-312 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	
GXR-1 LABSTD	28.2	9.0	< 0.1	17.0	28.5	2.38	0.70	23.1	89.0	14.3	2.73	323	5.7	11.1		6.45	2.2	0.6	3.6	0.7	4.7			0.4
MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-287 Replicate Original	10.5	2.1	0.3	1.10	0.078	0.07	0.03	0.35	0.05	0.03	2.04	70.0	15.7	34.6	4.5	19.4	3.7	1.3	3.2	0.4	2.5	0.5	1.2	0.2
WD13-003-287 LABDUP	11.2	2.5	0.3	1.21	0.093	0.07	0.03	0.40	0.05	0.02	2.04	70.0	16.1	36.0	4.8	20.5	3.8	1.3	3.1	0.4	2.5	0.5	1.3	0.2
WD13-003-290 Replicate Original																								
WD13-003-290 LABDUP																								
WD13-003-291 Replicate Original																								
WD13-003-291 LABDUP																								
WD13-003-300 Replicate Original																								
WD13-003-300 LABDUP																								
WD13-003-301 Replicate Original	11.2	3.5	0.5	0.37	0.052	0.06	0.03	0.43	0.06	< 0.02	2.26	106	15.8	35.7	4.8	21.2	4.1	1.4	3.4	0.4	2.5	0.5	1.3	0.2
WD13-003-301 LABDUP	11.3	3.2	0.4	0.39	0.044	0.05	0.03	0.42	0.05	< 0.02	2.22	105	15.8	35.7	4.8	21.4	4.0	1.4	3.3	0.4	2.5	0.5	1.3	0.2
WD13-003-310 Replicate Original																								
WD13-003-310 Split Original	8.92	1.8	0.3	0.57	0.034	0.05	0.02	0.39	0.04	< 0.02	1.73	83.6	16.1	35.0	4.4	19.1	3.6	1.4	3.0	0.4	2.2	0.4	1.1	0.1
WD13-003-310 LABDUP																								
WD13-003-310 LABPREP	9.30	1.1	0.2	0.56	0.049	0.04	0.02	0.39	0.03	< 0.02	1.66	80.9	16.0	35.2	4.7	20.0	3.7	1.4	2.9	0.4	2.1	0.4	1.1	0.2
WD13-003-310 LABPREP																								
WD13-003-312 Replicate Original																								
WD13-003-312 LABDUP																								

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	LDI-Greenfield s PGE (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	2013-03-22 06:57:15	
GXR-1 LABSTD	2.0	0.3	0.2	< 0.05	149		3450	0.41	705	1.8	34.3														
MICA-FE LABSTD													34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026		
CHR-BKG LABSTD													15.22	12.98	13.85	0.142	23.50	0.06			0.14				
AN-G LABSTD													46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015		
BE-N LABSTD													38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042		
AC-E LABSTD													70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12				
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD													32.55	2.18			27.89								
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-287 Replicate Original	0.9	0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.07	2.46	1.4	0.4	< 10													
WD13-003-287 LABDUP	0.9	0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.07	2.52	1.4	0.4	< 10													
WD13-003-290 Replicate Original																									
WD13-003-290 LABDUP																									
WD13-003-291 Replicate Original																									
WD13-003-291 LABDUP																									
WD13-003-300 Replicate Original													45.51	22.15	6.90	0.089	8.70	12.72	1.43	0.13	0.09	0.02	0.011	2.48	
WD13-003-300 LABDUP													44.65	21.94	6.83	0.089	8.63	12.48	1.44	0.12	0.10	0.01	0.012	2.48	
WD13-003-301 Replicate Original	1.0	0.2	0.2	< 0.05	0.2	< 0.001	< 5	0.09	3.30	1.7	0.4	< 10													
WD13-003-301 LABDUP	1.0	0.2	0.2	< 0.05	0.2	0.001	< 5	0.08	3.00	1.6	0.4	< 10													
WD13-003-310 Replicate Original																									
WD13-003-310 Split Original	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	3.76	1.4	0.4	< 10	49.81	20.25	8.53	0.119	2.82	9.15	3.59	1.48	0.81	0.53	0.029	1.43	
WD13-003-310 LABDUP																									
WD13-003-310 LABPREP	0.8	0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	3.80	1.4	0.4	< 10	49.68	20.51	8.48	0.110	2.87	9.08	3.67	1.48	0.83	0.54	0.026	1.40	
WD13-003-310 LABPREP																									
WD13-003-312 Replicate Original																									
WD13-003-312 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-03- 22 06:57:15	2013-03- 22 06:57:15	2013-03- 22 06:57:15	2013-03- 22 06:57:15	2013-03- 22 06:57:15	2013-03- 11 16:36:56	2013-03- 21 11:53:14	2013-03- 21 11:53:14	2013-03- 21 11:53:14

GXR-1 LABSTD									
MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.3			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1230	6410	1400
CDN-PGMS-22 LABSTD							1110	5810	1290
CDN-PGMS-23 LABSTD							484	2020	455
WD13-003-287 Replicate Original									
WD13-003-287 LABDUP									
WD13-003-290 Replicate Original						0.24			
WD13-003-290 LABDUP						0.23			
WD13-003-291 Replicate Original							< 1	0.6	0.3
WD13-003-291 LABDUP							< 1	0.4	0.2
WD13-003-300 Replicate Original	100.4	0.09	0.065	0.005	0.019	0.10			
WD13-003-300 LABDUP	98.94	0.08	0.064	0.004	0.019	0.10			
WD13-003-301 Replicate Original							1	1.0	1.8
WD13-003-301 LABDUP							< 1	0.5	0.9
WD13-003-310 Replicate Original						0.10			
WD13-003-310 Split Original	98.56	< 0.01	< 0.003	0.004	< 0.004	0.10	< 1	0.5	0.4
WD13-003-310 LABDUP						0.10			
WD13-003-310 LABPREP	98.69	0.01	< 0.003	0.004	< 0.004	0.10	< 1	0.8	1.4
WD13-003-310 LABPREP							< 1	0.8	1.4
WD13-003-312 Replicate Original							< 1	1.1	1.0
WD13-003-312 LABDUP							< 1	1.2	1.1



Date Submitted: 04-Mar-13
Invoice No.: A13-02316
Invoice Date: 28-Mar-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02316**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02316

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-003-246	5.0	< 0.1	33	0.013	> 10.0	0.02	0.01	0.02	26.2	< 0.1	3	1.4	461	0.09	0.4	4.0	1.01	18.8	< 0.02	< 0.1	0.3	0.2	0.6	158	
WD13-003-247	12.6	0.3	11	0.452	1.87	> 10.0	0.17	0.10	4.16	7.5	65	88.3	513	3.89	16.8	200	102	47.5	8.94	< 0.1	4.2	0.6	4.7	77.4	
WD13-003-248	13.4	0.3	10	0.209	1.12	2.61	0.22	0.08	1.56	8.2	86	46.6	609	3.91	9.4	32.7	48.3	53.6	7.60	< 0.1	4.7	0.4	6.3	77.9	
WD13-003-249	29.8	0.5	4	0.250	2.21	3.01	0.37	0.04	2.95	10.3	90	112	782	4.90	21.6	38.7	35.3	68.3	9.83	0.1	0.5	0.5	9.6	102	
WD13-003-250	47.1	0.5	7	0.225	2.78	3.58	0.35	0.06	3.31	17.0	135	170	702	4.92	28.3	68.2	76.2	63.9	11.9	0.1	0.5	0.7	11.9	62.4	
WD13-003-251	51.2	0.3	7	0.110	2.34	> 10.0	0.53	0.05	4.17	18.8	175	196	530	4.26	24.7	64.5	90.9	43.6	10.4	< 0.1	0.3	0.4	19.2	37.6	
WD13-003-252	64.6	0.3	7	0.096	2.65	> 10.0	0.57	0.04	3.68	20.8	224	182	417	5.06	32.5	73.1	120	47.8	11.7	< 0.1	0.5	0.6	19.1	38.2	
WD13-003-253	90.2	0.4	8	0.112	3.28	> 10.0	0.88	0.02	2.94	17.8	197	170	340	4.89	29.8	81.6	99.7	66.6	12.8	< 0.1	0.2	0.4	25.4	34.2	
WD13-003-254	49.6	0.6	9	0.536	2.47	> 10.0	0.49	0.06	3.80	18.8	164	79.5	587	5.01	24.4	54.2	76.1	82.8	14.4	< 0.1	0.5	0.6	15.6	84.5	
WD13-003-255	20.1	0.5	8	0.475	2.35	3.75	0.19	0.04	3.46	19.7	213	81.2	678	5.84	25.9	51.1	69.9	85.7	13.5	0.1	0.5	0.6	4.9	35.3	
WD13-003-256	20.1	0.3	5	0.409	2.44	3.47	0.16	0.05	3.11	18.1	195	70.4	659	5.80	25.7	48.1	53.0	78.8	12.3	0.1	0.4	0.6	3.6	31.4	
WD13-003-257	26.9	0.3	6	0.401	2.12	3.43	0.22	0.03	3.16	17.6	147	77.9	615	5.17	23.0	55.0	30.0	75.9	11.1	< 0.1	0.3	0.5	5.5	28.7	
WD13-003-258	16.6	0.3	5	0.377	2.00	3.47	0.21	0.08	4.75	28.7	232	66.5	950	7.80	35.8	41.1	207	87.6	12.5	< 0.1	0.5	0.9	3.5	31.1	
WD13-003-259	59.3	0.5	8	0.367	2.46	4.28	0.52	0.04	1.97	14.3	109	53.9	706	3.95	16.8	42.7	52.2	125	13.4	< 0.1	0.3	0.3	23.3	31.1	
WD13-003-260	60.5	0.6	6	0.189	3.35	4.55	0.36	0.08	2.39	11.7	103	116	656	4.72	21.9	55.8	72.2	76.8	13.3	0.1	0.4	0.5	13.9	52.4	
WD13-003-261	55.5	0.5	6	0.182	3.34	4.00	0.28	0.10	2.68	11.8	112	136	631	5.51	32.0	74.9	62.9	74.7	11.6	0.1	0.5	0.4	11.2	88.4	
WD13-003-262	39.6	0.4	9	0.158	2.18	4.93	0.41	0.12	2.63	9.7	279	64.7	414	6.35	45.5	53.8	225	57.2	13.9	< 0.1	0.6	0.5	16.8	61.2	
WD13-003-263	45.8	0.3	8	0.148	2.30	> 10.0	0.56	0.08	2.82	14.5	213	162	347	4.38	30.1	56.8	112	43.9	10.9	< 0.1	0.3	0.4	22.6	50.5	
WD13-003-264	66.6	0.4	10	0.163	2.67	> 10.0	0.59	0.06	3.15	11.1	214	138	291	4.30	29.0	58.9	94.6	43.7	12.3	< 0.1	0.3	0.4	21.5	40.8	
WD13-003-265	3.1	< 0.1	6	0.827	2.96	> 10.0	0.06	0.11	9.10	3.0	22	165	357	3.79	29.6	506	195	23.6	11.0	< 0.1	2.5	0.7	1.4	89.7	
WD13-003-266	88.4	0.6	11	0.131	3.27	> 10.0	0.70	0.05	3.68	20.4	167	180	358	5.03	28.4	81.1	137	43.5	15.9	< 0.1	0.3	0.5	26.0	37.2	
WD13-003-267	88.7	1.3	11	0.191	3.04	> 10.0	0.66	< 0.02	2.63	16.3	123	94.9	434	4.01	17.5	48.1	11.1	63.9	15.4	< 0.1	0.3	0.5	26.6	29.1	
WD13-003-268	35.1	0.5	7	0.301	2.55	4.35	0.29	0.09	3.47	18.9	168	82.0	749	5.93	28.6	48.8	103	94.5	13.0	< 0.1	0.4	0.6	9.2	35.7	
WD13-003-269	37.5	0.3	5	0.389	2.37	3.85	0.22	0.12	3.69	22.8	187	94.0	808	6.78	29.4	62.2	76.6	94.2	13.0	< 0.1	0.5	0.5	6.1	26.7	
WD13-003-270	20.3	0.2	9	0.420	2.75	3.58	0.30	0.12	4.12	21.9	151	129	806	5.00	27.7	76.3	73.3	67.7	9.97	< 0.1	0.5	0.4	9.6	27.1	
WD13-003-271	18.9	0.1	10	0.530	3.06	4.87	0.34	0.05	4.44	19.8	131	199	772	4.63	26.7	74.6	51.7	51.4	9.26	< 0.1	0.3	0.4	11.6	43.3	
WD13-003-272	18.4	0.3	7	0.451	2.17	3.61	0.28	0.04	4.19	22.3	161	85.7	804	5.45	28.9	52.6	88.8	65.2	11.3	< 0.1	0.3	0.5	8.1	29.9	
WD13-003-273	32.9	0.5	6	0.357	1.92	3.31	0.27	0.08	3.05	12.9	117	24.9	827	5.47	24.0	22.4	59.3	83.4	12.1	0.1	0.5	0.6	5.8	72.2	
WD13-003-274	16.0	0.2	8	0.416	2.44	3.53	0.40	0.11	4.37	21.8	140	120	782	4.74	27.5	73.8	89.4	52.6	8.45	< 0.1	0.2	0.3	12.5	35.7	
WD13-003-275	18.1	0.2	7	0.458	2.56	3.40	0.25	0.10	4.26	24.1	173	126	855	5.43	29.7	68.7	90.8	62.6	9.63	< 0.1	0.4	0.6	6.4	32.6	
WD13-003-276	14.9	0.2	7	0.452	2.67	3.46	0.25	0.12	4.66	26.9	209	145	888	6.03	33.1	66.0	163	69.6	10.2	< 0.1	0.6	0.8	6.0	37.2	
WD13-003-277	21.0	0.3	8	0.491	2.72	4.11	0.23	0.14	4.26	25.0	213	104	961	6.53	33.1	60.1	128	108	12.8	< 0.1	0.5	0.6	6.6	45.9	
WD13-003-278	24.2	0.3	7	0.622	2.56	4.12	0.19	0.08	3.73	23.8	197	69.5	858	6.29	31.3	55.1	119	85.3	12.9	< 0.1	0.4	0.6	4.9	33.7	
WD13-003-279	22.8	0.4	7	0.716	2.74	> 10.0	0.23	0.06	4.16	24.3	224	104	710	5.95	30.3	53.8	108	77.8	14.2	< 0.1	0.5	0.7	7.3	91.1	
WD13-003-280	3.0	< 0.1	6	0.865	3.27	> 10.0	0.06	0.12	9.14	3.1	22	176	378	3.89	30.7	516	196	24.1	11.2	< 0.1	2.5	0.8	1.4	90.7	

Activation Laboratories Ltd. Report: A13-02316

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-003-246	0.33	0.1	< 0.1	0.10	0.012	0.07	< 0.02	< 0.05	0.04	< 0.02	0.23	41.1	< 0.5	0.53	< 0.1	0.29	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-003-247	7.62	3.5	< 0.1	9.19	0.152	0.12	0.03	1.76	0.71	0.23	0.36	90.7	5.4	14.4	1.6	6.71	1.5	0.4	1.5	0.3	1.7	0.3	1.0	0.1	
WD13-003-248	10.4	6.5	0.2	8.00	0.098	0.12	0.03	1.37	0.54	< 0.02	0.44	127	7.2	15.1	2.2	9.73	2.2	0.6	2.2	0.4	2.3	0.5	1.3	0.2	
WD13-003-249	14.5	10.9	1.4	0.28	0.060	0.08	0.03	0.73	0.04	< 0.02	2.51	72.1	30.7	69.4	8.6	35.6	6.5	1.7	5.2	0.7	3.8	0.7	1.8	0.3	
WD13-003-250	12.4	13.2	0.5	0.34	0.153	0.07	0.03	0.55	0.04	< 0.02	1.88	50.7	26.6	59.0	7.4	29.9	5.1	1.3	3.8	0.5	2.9	0.6	1.5	0.2	
WD13-003-251	7.90	1.2	< 0.1	0.46	0.107	0.09	0.03	0.27	0.04	0.02	3.09	73.9	4.1	8.88	1.2	5.16	1.2	0.5	1.4	0.2	1.8	0.4	1.2	0.2	
WD13-003-252	9.21	0.4	< 0.1	0.21	0.140	0.07	0.03	0.28	0.03	< 0.02	3.88	83.8	3.9	9.05	1.2	5.59	1.3	0.6	1.6	0.3	2.0	0.4	1.4	0.2	
WD13-003-253	9.31	0.4	< 0.1	0.31	0.169	0.09	0.03	0.36	< 0.02	< 0.02	5.47	103	5.4	11.8	1.6	7.07	1.7	0.5	1.8	0.3	2.1	0.4	1.3	0.2	
WD13-003-254	15.4	11.1	0.4	0.37	0.132	0.15	0.04	0.74	0.04	< 0.02	2.74	87.0	17.2	38.9	5.0	20.8	4.1	1.1	3.7	0.5	3.5	0.7	1.9	0.3	
WD13-003-255	17.8	3.7	0.4	0.39	0.110	0.19	0.05	0.84	0.05	< 0.02	0.64	23.4	15.8	39.7	5.3	22.6	4.4	1.2	4.0	0.6	3.8	0.8	2.2	0.3	
WD13-003-256	17.1	4.0	0.3	0.45	0.076	0.18	0.05	0.78	0.05	< 0.02	0.64	19.1	16.9	42.0	5.5	23.4	4.6	1.3	4.3	0.6	3.9	0.7	2.2	0.3	
WD13-003-257	13.3	2.6	0.2	0.36	0.065	0.16	0.03	0.51	0.04	< 0.02	1.35	30.3	13.2	30.4	3.9	16.5	3.4	1.0	3.5	0.5	3.3	0.6	1.8	0.2	
WD13-003-258	19.6	2.8	0.1	0.51	0.118	0.19	0.05	0.53	0.06	0.02	0.79	25.3	6.7	15.5	2.1	9.76	2.5	0.9	3.1	0.6	4.1	0.9	2.6	0.4	
WD13-003-259	13.6	4.8	0.2	0.32	0.085	0.39	0.03	0.63	0.02	< 0.02	3.96	80.0	17.4	37.3	4.6	18.3	3.7	0.9	3.3	0.5	3.1	0.6	1.7	0.2	
WD13-003-260	13.1	10.1	1.0	2.85	0.264	0.14	0.03	0.66	0.02	< 0.02	2.91	51.8	25.0	56.2	7.2	30.4	5.6	1.4	4.6	0.6	3.5	0.6	1.6	0.2	
WD13-003-261	10.8	6.5	0.5	0.40	0.102	0.18	0.03	0.44	0.03	0.03	2.22	56.8	23.0	53.0	6.9	28.3	5.0	1.4	4.0	0.5	2.9	0.5	1.4	0.2	
WD13-003-262	9.15	1.3	< 0.1	0.38	0.258	0.15	0.03	0.29	0.04	0.04	2.90	69.8	6.0	13.7	1.9	8.55	2.1	0.8	2.3	0.4	2.4	0.5	1.3	0.2	
WD13-003-263	8.21	0.3	< 0.1	0.18	0.264	0.13	0.03	0.32	0.03	< 0.02	2.94	76.7	3.9	8.98	1.2	5.84	1.4	0.7	1.7	0.3	2.0	0.4	1.2	0.2	
WD13-003-264	9.16	0.3	< 0.1	0.32	0.146	0.11	0.03	0.37	< 0.02	< 0.02	4.39	79.9	5.4	12.5	1.7	7.83	1.9	0.8	2.1	0.3	2.3	0.5	1.3	0.2	
WD13-003-265	0.82	0.2	< 0.1	7.60	0.184	0.07	< 0.02	1.49	0.68	0.49	0.14	19.0	1.5	6.19	0.2	0.91	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-003-266	11.1	1.4	0.1	0.75	0.371	0.11	0.03	0.69	< 0.02	0.03	5.44	78.6	10.3	22.8	2.9	12.1	2.6	0.8	2.7	0.4	2.6	0.5	1.4	0.2	
WD13-003-267	15.2	4.6	0.1	0.43	0.054	0.10	0.03	0.84	< 0.02	< 0.02	5.43	92.3	16.9	36.6	4.5	18.7	3.9	0.9	3.8	0.6	3.6	0.7	1.9	0.2	
WD13-003-268	15.3	3.0	0.2	0.38	0.137	0.37	0.04	0.73	0.04	< 0.02	1.19	45.7	11.3	25.7	3.3	13.9	3.1	1.0	3.3	0.5	3.6	0.7	2.1	0.3	
WD13-003-269	13.2	1.6	0.1	0.37	0.082	0.13	0.05	0.50	0.04	< 0.02	1.50	29.1	8.6	18.3	2.3	9.72	2.2	0.9	2.7	0.4	3.1	0.6	1.8	0.3	
WD13-003-270	10.4	2.4	< 0.1	0.28	0.120	0.20	0.03	0.35	0.05	< 0.02	1.10	41.3	3.6	7.73	1.0	4.52	1.2	0.5	1.5	0.3	2.1	0.5	1.4	0.2	
WD13-003-271	7.16	1.6	< 0.1	0.28	0.072	0.12	0.03	0.19	0.05	0.02	1.52	60.3	2.0	4.36	0.6	2.93	0.8	0.4	1.1	0.2	1.5	0.3	1.0	0.2	
WD13-003-272	7.91	2.1	< 0.1	0.62	0.131	0.18	0.03	0.24	0.05	< 0.02	1.17	42.5	5.6	11.5	1.4	5.88	1.3	0.5	1.5	0.2	1.8	0.4	1.1	0.2	
WD13-003-273	15.1	19.7	0.8	0.18	0.088	0.15	0.04	0.67	0.04	< 0.02	0.88	46.4	23.0	49.4	6.1	24.7	4.7	1.3	4.2	0.6	3.5	0.7	1.9	0.3	
WD13-003-274	9.84	2.3	< 0.1	0.35	0.105	0.14	0.03	0.35	0.04	< 0.02	1.52	66.5	3.4	7.23	0.9	4.13	1.1	0.4	1.5	0.3	2.1	0.5	1.4	0.2	
WD13-003-275	11.8	2.7	< 0.1	0.35	0.132	0.15	0.03	0.41	0.05	< 0.02	0.92	37.5	4.1	8.94	1.2	5.24	1.4	0.5	1.7	0.3	2.4	0.5	1.6	0.2	
WD13-003-276	14.8	2.8	< 0.1	0.29	0.220	0.18	0.04	0.47	0.04	0.04	0.72	43.5	4.0	9.30	1.3	6.04	1.7	0.6	2.2	0.4	2.9	0.6	2.0	0.3	
WD13-003-277	14.0	2.5	< 0.1	0.90	0.138	0.50	0.05	0.44	0.05	< 0.02	0.89	49.7	5.9	12.7	1.6	7.29	1.8	0.7	2.2	0.4	2.8	0.6	1.9	0.3	
WD13-003-278	16.4	2.6	< 0.1	0.41	0.173	0.24	0.05	0.51	0.04	< 0.02	1.24	50.6	12.7	26.6	3.2	13.1	2.8	0.9	3.0	0.5	3.3	0.7	2.1	0.3	
WD13-003-279	18.6	2.7	0.1	0.34	0.125	0.19	0.05	0.60	0.04	< 0.02	1.38	45.6	8.5	20.3	2.7	12.4	2.9	1.0	3.4	0.6	3.8	0.8	2.4	0.4	
WD13-003-280	0.87	0.2	< 0.1	7.94	0.220	0.06	< 0.02	1.48	0.69	0.48	0.14	20.3	1.5	6.27	0.2	0.94	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg		SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	
WD13-003-246	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	1.97	< 0.1	0.3	< 10	4.60	0.16	0.06	0.057	17.42	23.68	< 0.01	< 0.01	0.03	0.01	< 0.003	53.78	
WD13-003-247	0.7	< 0.1	0.1	< 0.05	0.2	0.002	519	0.06	4.49	0.9	0.3	< 10	59.31	15.78	6.38	0.093	4.59	6.66	2.47	0.74	0.44	0.10	0.008	1.94	
WD13-003-248	1.0	0.1	0.2	< 0.05	0.4	0.001	< 5	0.08	3.45	1.6	0.5	< 10	66.12	13.38	6.25	0.114	2.45	4.14	3.17	1.11	0.61	0.14	0.015	1.30	
WD13-003-249	1.3	0.2	0.2	< 0.05	0.3	< 0.001	< 5	0.06	3.20	4.4	0.9	< 10	55.20	14.90	8.47	0.155	5.25	7.62	2.76	1.68	0.82	0.32	0.016	1.81	
WD13-003-250	1.1	0.2	0.3	< 0.05	1.0	< 0.001	< 5	0.06	3.37	3.7	0.6	< 10	51.76	15.35	9.25	0.159	6.82	6.92	2.21	2.25	0.81	0.25	0.037	2.69	
WD13-003-251	0.9	0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.10	2.19	0.3	< 0.1	< 10	47.91	13.93	12.38	0.229	9.77	8.43	1.05	1.46	0.94	0.06	0.048	3.11	
WD13-003-252	1.1	0.2	< 0.1	< 0.05	0.2	0.001	9	0.10	2.91	0.3	< 0.1	30	46.42	14.63	14.40	0.228	10.17	6.91	0.82	1.44	1.02	0.06	0.060	3.29	
WD13-003-253	0.9	0.1	< 0.1	< 0.05	1.5	0.001	14	0.14	2.78	0.5	< 0.1	< 10	52.17	15.12	10.99	0.161	8.99	5.04	1.29	1.67	0.77	0.10	0.047	3.71	
WD13-003-254	1.4	0.2	0.3	< 0.05	0.8	0.001	< 5	0.09	3.62	1.9	0.4	< 10	55.83	15.85	9.14	0.143	5.00	6.67	2.52	1.08	1.02	0.21	0.046	2.29	
WD13-003-255	1.7	0.3	0.2	< 0.05	0.2	< 0.001	< 5	0.03	2.37	0.7	0.2	< 10	53.69	14.75	11.58	0.177	5.20	7.41	3.08	0.55	1.43	0.25	0.052	1.45	
WD13-003-256	1.7	0.2	0.2	< 0.05	0.2	0.001	< 5	0.03	2.04	1.0	0.2	< 10	51.37	14.53	12.01	0.171	5.84	7.63	3.15	0.49	1.48	0.25	0.044	1.54	
WD13-003-257	1.3	0.2	0.1	< 0.05	0.2	0.001	< 5	0.04	1.94	0.8	0.2	< 10	55.83	15.56	9.17	0.134	4.65	6.74	3.23	0.56	1.05	0.20	0.042	1.62	
WD13-003-258	2.1	0.3	0.1	< 0.05	0.8	0.001	< 5	0.02	2.37	0.7	0.3	< 10	51.42	12.45	15.35	0.230	5.07	8.60	2.01	0.50	1.66	0.17	0.049	1.46	
WD13-003-259	1.1	0.2	0.1	< 0.05	0.4	< 0.001	< 5	0.11	2.68	2.8	0.2	< 10	62.52	14.20	6.40	0.125	4.18	4.27	2.12	1.67	0.75	0.18	0.031	2.27	
WD13-003-260	1.1	0.1	0.3	< 0.05	1.1	< 0.001	< 5	0.08	5.00	3.5	0.5	< 10	57.51	13.24	8.28	0.144	6.97	5.32	1.79	1.61	0.85	0.28	0.027	3.30	
WD13-003-261	0.9	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.06	3.69	2.0	0.4	< 10	48.27	13.54	12.29	0.207	10.23	6.40	1.88	0.90	0.99	0.34	0.036	3.46	
WD13-003-262	0.9	0.1	< 0.1	< 0.05	1.0	0.002	< 5	0.11	3.55	0.5	0.1	< 10	44.86	13.22	18.71	0.268	10.03	5.14	0.74	1.15	2.04	0.11	0.056	2.80	
WD13-003-263	0.9	0.1	< 0.1	< 0.05	1.8	0.001	< 5	0.12	3.34	0.4	< 0.1	< 10	47.19	14.26	14.63	0.221	10.43	5.77	0.69	1.50	1.04	0.08	0.037	3.06	
WD13-003-264	0.8	0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.13	3.55	0.5	0.1	< 10	49.64	14.30	13.39	0.192	10.31	4.85	0.91	1.52	1.06	0.10	0.067	3.25	
WD13-003-265	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	933	0.03	4.92	0.2	< 0.1	< 10	45.37	22.08	6.89	0.086	8.75	12.72	1.27	0.13	0.09	0.01	0.012	2.45	
WD13-003-266	0.9	0.1	< 0.1	< 0.05	1.0	< 0.001	16	0.14	3.00	1.1	0.1	< 10	53.58	16.46	9.04	0.127	6.90	5.77	1.42	1.54	0.87	0.17	0.019	3.90	
WD13-003-267	1.2	0.2	< 0.1	< 0.05	0.5	< 0.001	< 5	0.15	2.69	3.4	0.3	< 10	62.90	14.65	5.36	0.070	4.25	3.86	1.81	1.52	0.67	0.13	0.047	3.33	
WD13-003-268	1.6	0.2	0.1	< 0.05	0.4	< 0.001	< 5	0.06	3.62	1.6	0.4	< 10	54.79	14.22	10.51	0.162	5.16	6.28	2.93	0.80	1.12	0.16	0.036	2.36	
WD13-003-269	1.3	0.2	< 0.1	< 0.05	0.2	0.001	< 5	0.04	1.61	0.6	0.1	< 10	52.87	15.60	12.30	0.190	5.41	7.33	3.05	0.50	1.29	0.18	0.042	1.68	
WD13-003-270	1.2	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	2.32	0.4	0.1	40	50.17	14.75	11.68	0.198	7.42	8.98	2.68	0.79	0.69	0.07	0.052	1.72	
WD13-003-271	0.9	0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	1.94	0.2	< 0.1	< 10	48.64	15.07	11.29	0.180	8.54	10.32	2.20	0.81	0.61	0.05	0.049	1.83	
WD13-003-272	0.8	0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.05	1.91	0.6	0.2	60	54.45	14.95	10.38	0.166	5.34	8.28	2.74	0.63	0.75	0.07	0.040	1.52	
WD13-003-273	1.4	0.2	0.5	< 0.05	0.3	< 0.001	< 5	0.05	3.60	2.9	0.6	< 10	54.89	16.84	8.57	0.141	3.79	6.50	3.65	1.31	0.80	0.22	0.029	1.84	
WD13-003-274	1.1	0.2	< 0.1	< 0.05	0.1	< 0.001	< 5	0.08	2.51	0.6	0.2	< 10	50.31	14.53	11.34	0.196	7.36	9.60	2.20	0.99	0.67	0.05	0.045	1.63	
WD13-003-275	1.3	0.2	< 0.1	< 0.05	0.1	0.001	< 5	0.04	1.66	0.6	0.2	< 10	50.69	14.48	11.94	0.197	6.81	9.36	2.47	0.57	0.83	0.08	0.066	1.70	
WD13-003-276	1.6	0.2	0.1	< 0.05	0.1	0.001	< 5	0.04	2.14	0.5	0.1	20	49.80	13.91	13.50	0.199	6.91	10.21	2.16	0.53	1.07	0.09	0.056	1.41	
WD13-003-277	1.5	0.2	< 0.1	< 0.05	0.2	0.001	< 5	0.05	3.24	0.6	0.1	< 10	51.05	14.49	13.22	0.202	5.98	9.06	2.50	0.62	1.04	0.11	0.048	1.53	
WD13-003-278	1.7	0.3	0.1	< 0.05	0.5	< 0.001	< 5	0.04	2.71	1.5	0.2	< 10	54.35	14.62	12.20	0.193	5.60	7.42	2.61	0.46	0.98	0.12	0.064	1.46	
WD13-003-279	2.0	0.3	0.2	< 0.05	0.1	0.001	< 5	0.05	1.86	0.6	0.2	< 10	49.41	14.76	13.83	0.218	7.20	8.45	1.86	0.55	1.36	0.18	0.050	1.54	
WD13-003-280	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	1240	0.03	5.41	0.2	< 0.1	< 10	44.66	21.96	6.83	0.092	8.67	12.61	1.27	0.11	0.10	0.01	0.013	2.46	

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 22 2013 10:04AM	Mar 14 2013 2:34PM	Mar 28 2013 3:05PM	Mar 28 2013 3:05PM	Mar 28 2013 3:05PM
WD13-003-246	99.80	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.2	0.2
WD13-003-247	98.56	0.03	0.026	< 0.004	0.007	0.05	544	2030	460
WD13-003-248	98.81	< 0.01	0.003	< 0.004	< 0.004	0.03	5	1.2	1.0
WD13-003-249	99.03	0.02	0.007	< 0.004	< 0.004	0.09	1	7.8	2.5
WD13-003-250	98.54	0.02	0.007	0.007	0.007	0.15	2	4.3	2.0
WD13-003-251	99.37	0.03	0.009	0.004	0.008	0.10	11	7.0	3.4
WD13-003-252	99.49	0.02	0.012	0.004	0.009	0.16	8	4.7	3.5
WD13-003-253	100.1	0.03	0.019	< 0.004	0.008	0.03	20	0.7	0.8
WD13-003-254	99.81	< 0.01	0.006	< 0.004	0.005	0.09	2	0.8	1.0
WD13-003-255	99.63	< 0.01	0.005	0.005	< 0.004	0.08	1	1.0	1.3
WD13-003-256	98.53	< 0.01	0.007	0.008	< 0.004	0.05	8	340	27.4
WD13-003-257	98.80	< 0.01	0.005	< 0.004	< 0.004	0.03	7	215	19.9
WD13-003-258	99.00	< 0.01	0.007	< 0.004	0.018	0.28	44	128	4.9
WD13-003-259	98.75	< 0.01	0.017	< 0.004	0.006	0.01	4	1.1	0.9
WD13-003-260	99.38	0.03	0.022	< 0.004	0.004	0.08	3	1.0	0.9
WD13-003-261	98.58	0.03	0.008	0.004	0.004	0.18	1	1.1	1.0
WD13-003-262	99.19	0.02	0.022	0.007	0.022	0.41	4	0.4	0.4
WD13-003-263	98.95	0.02	0.009	0.004	0.007	0.22	4	0.9	0.8
WD13-003-264	99.63	0.01	0.010	0.004	0.011	0.12	7	0.9	0.7
WD13-003-265	100.0	0.07	0.065	0.005	0.019	0.10	1220	5880	1300
WD13-003-266	99.84	0.02	0.009	< 0.004	0.012	0.07	24	2.1	1.9
WD13-003-267	98.63	< 0.01	0.020	< 0.004	< 0.004	0.02	1	0.7	0.6
WD13-003-268	98.57	< 0.01	0.006	0.004	0.008	0.12	3	2.8	2.3
WD13-003-269	100.5	0.01	0.009	0.007	0.008	0.13	1	0.6	0.6
WD13-003-270	99.25	0.02	0.017	< 0.004	0.006	0.05	4	10.5	5.5
WD13-003-271	99.64	0.03	0.013	< 0.004	0.006	0.03	2	10.7	9.2
WD13-003-272	99.34	< 0.01	0.011	< 0.004	0.005	0.10	2	2.4	2.5
WD13-003-273	98.59	< 0.01	0.009	< 0.004	0.006	0.14	< 1	1.4	1.5
WD13-003-274	98.99	0.03	0.014	0.004	0.012	0.07	2	4.6	4.4
WD13-003-275	99.23	0.01	0.011	< 0.004	0.010	0.09	2	3.8	3.4
WD13-003-276	99.91	0.02	0.018	0.004	0.015	0.22	3	2.2	1.9
WD13-003-277	99.90	0.01	0.012	0.004	0.013	0.16	2	0.9	0.8
WD13-003-278	100.1	< 0.01	0.013	< 0.004	0.014	0.14	1	1.1	1.1
WD13-003-279	99.44	0.01	0.005	0.005	0.009	0.13	2	1.2	1.2
WD13-003-280	98.94	0.08	0.064	0.005	0.018	0.11	1080	5590	1240

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-003-253	89.3	0.4	7	0.108	3.20	> 10.0	0.89	0.02	2.92	17.6	192	167	340	4.93	29.7	81.3	98.7	65.7	12.6	< 0.1	0.2	0.4	25.3	33.8
Replicate Original																								
WD13-003-253 LABDUP	91.0	0.4	8	0.117	3.36	> 10.0	0.87	0.02	2.96	18.0	202	174	341	4.85	29.9	81.8	101	67.6	13.0	< 0.1	0.2	0.5	25.6	34.7
WD13-003-255																								
Replicate Original																								
WD13-003-255 LABDUP																								
WD13-003-256																								
Replicate Original																								
WD13-003-256 LABDUP																								
WD13-003-265																								
Replicate Original																								
WD13-003-265 LABDUP																								
WD13-003-266																								
Replicate Original																								
WD13-003-266 LABDUP																								
WD13-003-267	92.7	1.3	12	0.192	2.99	> 10.0	0.67	< 0.02	2.72	16.9	125	95.2	429	3.95	17.4	48.9	11.3	64.3	15.5	< 0.1	0.2	0.5	27.4	29.8
Replicate Original																								
WD13-003-267 LABDUP	84.6	1.2	11	0.190	3.10	> 10.0	0.66	< 0.02	2.54	15.7	122	94.5	439	4.06	17.5	47.3	11.0	63.5	15.3	< 0.1	0.3	0.5	25.8	28.3
WD13-003-275 Split	18.1	0.2	7	0.458	2.56	3.40	0.25	0.10	4.26	24.1	173	126	855	5.43	29.7	68.7	90.8	62.6	9.63	< 0.1	0.4	0.6	6.4	32.6
Original																								
WD13-003-275 LABPREP	18.2	0.2	8	0.525	3.00	3.90	0.24	0.10	4.20	25.0	186	141	928	5.69	30.1	68.8	94.7	66.2	10.5	< 0.1	0.5	0.6	6.6	33.8
WD13-003-275 Split																								
Original																								
WD13-003-275 LABPREP																								
WD13-003-277																								
Replicate Original																								
WD13-003-277 LABDUP																								
WD13-003-280	2.8	< 0.1	6	0.879	3.41	> 10.0	0.06	0.11	8.90	2.9	21	175	382	3.91	30.5	506	191	23.7	11.2	< 0.1	2.5	0.8	1.4	88.9
Replicate Original																								
WD13-003-280 LABDUP	3.1	< 0.1	6	0.851	3.14	> 10.0	0.06	0.12	9.38	3.2	24	177	373	3.87	30.8	525	200	24.4	11.1	< 0.1	2.4	0.8	1.4	92.5

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm			
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD																												
CHR-BKG LABSTD																												
AN-G LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
BE-N LABSTD																												
AC-E LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
CDN-PGMS-22 LABSTD																												
CDN-PGMS-22 LABSTD																												
CDN-PGMS-23 LABSTD																												
CDN-PGMS-23 LABSTD																												
WD13-003-253	9.15	0.4	< 0.1	0.30	0.181	0.09	0.03	0.36	< 0.02	< 0.02	5.48	102	5.4	11.7	1.6	6.99	1.7	0.5	1.8	0.3	2.1	0.4	1.3	0.2				
Replicate Original																												
WD13-003-253 LABDUP	9.46	0.3	< 0.1	0.32	0.156	0.09	0.03	0.36	< 0.02	< 0.02	5.46	104	5.3	11.8	1.6	7.15	1.7	0.5	1.9	0.3	2.1	0.4	1.3	0.2				
WD13-003-255																												
Replicate Original																												
WD13-003-255 LABDUP																												
WD13-003-256																												
Replicate Original																												
WD13-003-256 LABDUP																												
WD13-003-265																												
Replicate Original																												
WD13-003-265 LABDUP																												
WD13-003-266																												
Replicate Original																												
WD13-003-266 LABDUP																												
WD13-003-267	15.4	4.8	0.1	0.44	0.046	0.10	0.03	0.83	< 0.02	< 0.02	5.41	92.9	17.1	36.9	4.6	18.7	3.8	0.9	3.7	0.6	3.6	0.7	1.9	0.3				
Replicate Original																												
WD13-003-267 LABDUP	14.9	4.4	0.1	0.41	0.061	0.10	0.03	0.84	< 0.02	< 0.02	5.44	91.7	16.7	36.3	4.5	18.6	3.9	0.9	3.9	0.6	3.5	0.7	1.8	0.2				
WD13-003-275 Split	11.8	2.7	< 0.1	0.35	0.132	0.15	0.03	0.41	0.05	< 0.02	0.92	37.5	4.1	8.94	1.2	5.24	1.4	0.5	1.7	0.3	2.4	0.5	1.6	0.2				
Original																												
WD13-003-275 LABPREP	12.7	3.4	< 0.1	0.35	0.209	0.16	0.04	0.44	0.05	< 0.02	0.93	37.4	4.2	9.26	1.2	5.62	1.5	0.5	1.9	0.3	2.4	0.5	1.6	0.2				
WD13-003-275 Split																												
Original																												
WD13-003-275 LABPREP																												
WD13-003-277																												
Replicate Original																												
WD13-003-277 LABDUP																												
WD13-003-280	0.84	0.1	< 0.1	7.92	0.207	0.06	< 0.02	1.43	0.64	0.49	0.14	20.3	1.5	6.22	0.2	0.94	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1				
Replicate Original																												
WD13-003-280 LABDUP	0.89	0.2	< 0.1	7.95	0.233	0.07	< 0.02	1.53	0.73	0.47	0.14	20.3	1.6	6.32	0.3	0.94	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1				

Activation Laboratories Ltd. Report: A13-02316

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06			0.14			
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-003-253	0.9	0.1	< 0.1	< 0.05	1.4	0.001	16	0.14	2.63	0.6	< 0.1	< 10													
Replicate Original																									
WD13-003-253 LABDUP	0.9	0.1	< 0.1	< 0.05	1.6	0.001	12	0.14	2.93	0.5	0.1	50													
WD13-003-255																									
Replicate Original																									
WD13-003-255 LABDUP																									
WD13-003-256																									
Replicate Original																									
WD13-003-256 LABDUP																									
WD13-003-265														45.28	22.17	6.86	0.087	8.74	12.64	1.24	0.13	0.09	0.01	0.012	2.45
Replicate Original																									
WD13-003-265 LABDUP														45.46	21.99	6.93	0.085	8.76	12.79	1.31	0.12	0.10	0.02	0.012	2.45
WD13-003-266																									
Replicate Original																									
WD13-003-266 LABDUP																									
WD13-003-267	1.2	0.2	< 0.1	< 0.05	0.5	< 0.001	< 5	0.15	2.62	3.3	0.3	< 10													
Replicate Original																									
WD13-003-267 LABDUP	1.2	0.2	< 0.1	< 0.05	0.5	< 0.001	< 5	0.15	2.77	3.4	0.3	< 10													
WD13-003-275 Split Original	1.3	0.2	< 0.1	< 0.05	0.1	0.001	< 5	0.04	1.66	0.6	0.2	< 10	50.69	14.48	11.94	0.197	6.81	9.36	2.47	0.57	0.83	0.08	0.066	1.70	
WD13-003-275 LABPREP	1.4	0.2	0.1	< 0.05	0.1	0.001	< 5	0.04	1.70	0.6	0.2	< 10	50.72	14.39	12.02	0.198	6.82	9.38	2.49	0.58	0.83	0.07	0.068	1.55	
WD13-003-275 Split Original																									
WD13-003-275 LABPREP																									
WD13-003-277																									
Replicate Original																									
WD13-003-277 LABDUP																									
WD13-003-280	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	1000	0.03	5.23	0.1	< 0.1	< 10													
Replicate Original																									
WD13-003-280 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	1490	0.03	5.58	0.2	0.2	< 10													

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-22 10:04:43	2013-03-14 14:34:27	2013-03-28 15:05:30	2013-03-28 15:05:30	2013-03-28 15:05:30

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						0.95			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.8			
CDN-PGMS-22 LABSTD							1160	5870	1310
CDN-PGMS-22 LABSTD							1180	5880	1370
CDN-PGMS-23 LABSTD							501	1960	424
CDN-PGMS-23 LABSTD							471	1990	462
WD13-003-253 Replicate Original									
WD13-003-253 LABDUP						0.08			
WD13-003-255 Replicate Original									
WD13-003-255 LABDUP						0.08			
WD13-003-256 Replicate Original							9	335	24.0
WD13-003-256 LABDUP							6	345	30.7
WD13-003-265 Replicate Original	99.87	0.07	0.064	0.006	0.018	0.10			
WD13-003-265 LABDUP	100.2	0.08	0.065	0.005	0.020	0.10			
WD13-003-266 Replicate Original							24	2.2	2.2
WD13-003-266 LABDUP							24	2.0	1.7
WD13-003-267 Replicate Original									
WD13-003-267 LABDUP									
WD13-003-275 Split Original	99.23	0.01	0.011	< 0.004	0.010	0.09	2	3.8	3.4
WD13-003-275 LABPREP	99.15	0.01	0.012	0.004	0.010	0.09	2	3.3	3.2
WD13-003-275 Split Original						0.09			
WD13-003-275 LABPREP							2	3.3	3.2
WD13-003-277 Replicate Original							2	0.9	0.8
WD13-003-277 LABDUP							2	0.9	0.9
WD13-003-280 Replicate Original									
WD13-003-280 LABDUP									



Date Submitted: 07-Mar-13
Invoice No.: A13-02533
Invoice Date: 04-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02533**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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Activation Laboratories Ltd. Report: A13-02533

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-004-071	4.1	< 0.1	32	0.019	> 10.0	0.02	0.01	0.02	24.8	< 0.1	3	2.2	459	0.07	0.4	3.7	0.99	13.9	< 0.02	< 0.1	0.2	< 0.1	0.4	149	
WD13-004-072	11.2	0.3	11	0.458	2.18	> 10.0	0.16	0.10	3.83	6.9	65	92.3	554	3.96	17.0	191	93.2	45.0	8.67	< 0.1	4.6	0.5	4.5	75.3	
WD13-004-073	13.1	0.3	11	0.215	1.22	2.78	0.22	0.08	1.59	8.4	88	47.9	620	3.91	9.7	33.2	46.5	52.4	7.45	< 0.1	5.2	0.4	6.4	79.1	
WD13-004-074	4.0	0.1	8	0.465	2.35	3.01	0.13	< 0.02	3.39	17.7	102	188	365	2.10	15.9	69.4	57.0	16.4	4.81	< 0.1	0.2	0.2	3.9	120	
WD13-004-075	4.1	0.1	7	0.395	2.13	2.65	0.12	0.02	3.04	15.9	91	168	347	2.09	15.3	65.9	60.7	16.0	4.30	< 0.1	0.3	0.2	3.3	99.8	
WD13-004-076	3.3	0.1	5	0.412	2.09	2.82	0.13	< 0.02	3.34	16.8	91	170	335	2.06	15.4	69.3	62.8	15.2	4.30	< 0.1	0.3	0.2	3.6	113	
WD13-004-077	7.0	0.1	6	0.268	2.37	2.21	0.13	< 0.02	3.10	17.1	89	168	417	2.52	18.8	74.1	63.6	21.9	3.95	< 0.1	0.3	0.3	3.9	82.8	
WD13-004-078	4.8	0.2	7	0.400	1.84	2.59	0.14	< 0.02	3.38	16.4	86	151	309	1.93	15.2	70.7	76.2	15.4	4.17	< 0.1	0.3	0.2	4.2	125	
WD13-004-079	5.5	0.1	8	0.458	2.31	2.69	0.13	< 0.02	3.40	18.4	101	184	356	2.18	16.7	75.1	69.7	18.5	4.74	< 0.1	0.4	0.3	4.1	122	
WD13-004-080	7.3	0.1	7	0.136	2.21	1.72	0.07	0.12	2.48	13.7	93	153	367	2.30	16.4	55.8	47.7	21.3	4.08	< 0.1	0.2	0.1	2.2	87.5	
WD13-004-081	6.7	0.1	4	0.083	1.55	1.25	0.06	0.13	2.28	11.4	74	115	308	1.83	15.5	45.8	47.0	12.3	2.94	< 0.1	0.1	0.2	1.8	61.0	
WD13-004-082	7.5	0.2	7	0.285	2.24	2.05	0.14	0.06	3.22	17.6	96	167	405	2.36	18.3	72.5	56.9	21.8	4.08	< 0.1	0.2	0.3	4.6	93.7	
WD13-004-083	5.4	0.1	8	0.368	2.20	2.54	0.11	0.04	2.93	15.5	91	155	347	2.10	15.5	64.9	62.6	17.8	4.53	< 0.1	0.4	0.2	3.8	115	
WD13-004-084	6.0	0.1	9	0.415	2.46	2.75	0.13	0.03	3.22	17.5	100	180	381	2.25	16.6	69.4	65.9	18.3	4.68	< 0.1	0.2	0.2	4.4	120	
WD13-004-085	11.0	0.1	9	0.272	3.15	2.32	0.11	0.04	2.99	17.7	103	194	475	2.84	20.6	76.0	66.2	28.5	4.67	< 0.1	0.4	0.2	3.7	83.8	
WD13-004-086	7.7	0.1	9	0.301	2.23	2.30	0.11	0.03	2.69	14.1	85	147	357	2.19	15.7	61.4	53.8	18.4	4.28	< 0.1	0.3	0.3	3.3	95.1	
WD13-004-087	5.7	0.1	8	0.451	2.26	2.90	0.13	< 0.02	3.18	16.0	88	158	353	2.10	16.1	68.6	62.9	17.2	4.62	< 0.1	0.3	0.3	3.8	118	
WD13-004-088	4.5	0.1	6	0.379	2.03	2.61	0.12	< 0.02	3.16	15.8	81	147	328	2.01	15.7	68.9	80.1	14.7	4.04	< 0.1	0.3	0.2	3.5	107	
WD13-004-089	7.2	0.1	8	0.359	2.36	2.18	0.11	0.02	2.96	17.0	94	171	372	2.16	17.2	72.5	87.8	20.3	4.34	< 0.1	0.5	0.2	3.9	101	
WD13-004-090	2.8	0.1	7	0.905	3.52	> 10.0	0.05	0.14	8.15	3.1	25	185	367	3.56	29.0	492	191	24.1	10.9	< 0.1	2.6	0.7	1.4	92.6	
WD13-004-091	4.9	0.3	7	0.185	2.37	1.35	0.08	0.09	2.63	16.4	96	159	452	2.15	17.7	53.4	36.2	23.6	3.73	< 0.1	0.3	0.2	2.0	61.9	
WD13-004-092	7.8	0.2	8	0.329	2.63	2.37	0.13	0.03	3.00	16.8	99	180	414	2.34	18.2	69.5	66.1	21.7	4.38	< 0.1	0.3	0.2	3.9	86.8	
WD13-004-093	8.8	0.2	7	0.248	2.21	2.10	0.13	0.06	2.71	14.4	81	142	387	2.18	16.6	62.4	82.9	23.2	3.72	< 0.1	0.3	0.2	3.9	73.4	
WD13-004-094	9.9	0.1	7	0.176	1.87	1.66	0.13	0.08	2.84	14.2	82	128	367	2.01	16.3	61.8	84.7	25.5	3.41	< 0.1	0.1	0.2	4.2	68.4	
WD13-004-095	11.2	0.2	9	0.243	2.50	1.94	0.13	0.04	3.01	16.9	96	164	424	2.30	18.8	72.3	78.7	27.3	4.24	< 0.1	0.3	0.2	4.3	79.4	
WD13-004-096	11.8	0.2	10	0.284	2.92	2.42	0.13	0.08	2.93	16.6	96	173	444	2.51	19.8	75.0	95.7	23.6	4.64	< 0.1	0.5	0.1	4.8	88.4	
WD13-004-097	10.3	0.1	7	0.191	1.90	2.09	0.12	0.06	2.61	12.4	73	119	347	1.96	15.4	59.0	72.1	18.0	3.64	< 0.1	0.2	0.2	3.6	79.1	
WD13-004-098	7.3	0.2	9	0.207	1.65	1.65	0.11	0.18	2.71	12.7	72	102	330	1.61	12.0	43.9	40.6	15.2	3.42	< 0.1	0.3	0.2	3.2	72.1	
WD13-004-099	10.0	0.2	9	0.262	1.95	2.16	0.14	0.04	3.09	13.9	73	114	354	1.92	15.4	61.1	62.9	17.8	3.84	< 0.1	0.2	0.3	4.3	84.3	
WD13-004-100	7.4	0.2	9	0.470	1.71	3.16	0.14	< 0.02	3.43	13.4	71	111	282	1.71	14.5	64.3	77.8	12.9	4.57	< 0.1	0.2	0.2	4.0	156	
WD13-004-101	9.9	0.2	10	0.487	1.75	3.33	0.16	< 0.02	3.23	11.9	64	100	275	1.74	15.5	67.5	97.9	16.8	4.75	< 0.1	0.4	0.2	5.4	159	
WD13-004-102	12.3	0.2	13	0.642	2.06	4.16	0.17	< 0.02	3.84	13.6	71	111	309	1.95	17.7	75.8	66.5	18.0	5.97	< 0.1	0.3	0.2	5.7	203	
WD13-004-103	12.8	0.2	13	0.515	2.22	3.39	0.16	0.04	3.14	12.8	70	85.6	380	2.00	15.7	61.4	76.3	22.6	5.49	< 0.1	0.4	0.2	5.0	157	
WD13-004-104	13.7	0.2	12	0.312	2.58	2.69	0.17	0.15	2.75	12.1	70	136	414	2.44	28.0	103	142	23.9	4.74	< 0.1	0.3	0.3	5.6	81.9	
WD13-004-105	2.8	< 0.1	6	0.832	3.55	> 10.0	0.06	0.12	8.23	2.9	20	169	376	3.67	31.0	504	182	22.7	10.4	< 0.1	2.6	0.7	1.4	88.1	

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Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Pb	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
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WD13-004-071	0.28	0.1	< 0.1	0.11	0.011	0.05	< 0.02	< 0.05	0.04	< 0.02	0.18	40.1	< 0.5	0.33	< 0.1	0.21	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
WD13-004-072	7.65	4.4	< 0.1	9.06	0.128	0.12	0.03	1.76	0.78	0.17	0.38	89.7	5.4	14.1	1.5	6.88	1.6	0.5	1.8	0.3	1.8	0.3	1.0	0.1			
WD13-004-073	10.5	6.1	0.2	7.95	0.086	0.11	0.03	1.33	0.56	0.03	0.44	129	7.1	14.9	2.1	9.41	2.2	0.6	2.4	0.4	2.3	0.5	1.3	0.2			
WD13-004-074	4.12	2.3	< 0.1	0.17	0.023	0.03	< 0.02	0.12	< 0.02	< 0.02	0.41	40.3	1.6	3.78	0.6	3.02	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-075	3.95	2.4	< 0.1	0.21	0.027	0.02	< 0.02	0.20	0.02	0.03	0.37	35.6	1.6	3.76	0.6	3.00	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-076	3.75	2.0	< 0.1	0.21	0.027	0.02	< 0.02	0.13	< 0.02	0.02	0.40	38.3	1.5	3.44	0.5	2.72	0.7	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-077	3.98	2.1	< 0.1	0.13	0.036	0.03	< 0.02	0.15	< 0.02	0.03	0.56	34.0	1.5	3.70	0.6	2.90	0.8	0.3	0.9	0.1	1.0	0.2	0.5	< 0.1			
WD13-004-078	3.57	2.3	< 0.1	0.16	0.040	0.02	< 0.02	0.12	< 0.02	< 0.02	0.56	42.8	1.5	3.38	0.5	2.61	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1			
WD13-004-079	4.04	2.8	< 0.1	0.13	0.038	0.03	< 0.02	0.19	0.02	< 0.02	0.54	41.0	1.6	3.74	0.6	2.94	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-080	4.95	3.1	< 0.1	0.13	0.018	0.03	< 0.02	0.13	0.03	0.02	0.22	17.0	1.6	4.06	0.7	3.56	1.0	0.3	1.1	0.2	1.2	0.2	0.6	< 0.1			
WD13-004-081	5.01	3.4	< 0.1	0.10	0.008	0.01	< 0.02	0.17	0.03	0.03	0.10	12.1	1.7	4.36	0.7	3.66	1.1	0.3	1.2	0.2	1.3	0.2	0.7	< 0.1			
WD13-004-082	4.54	2.3	< 0.1	0.27	0.032	0.03	< 0.02	0.18	0.02	0.02	0.48	40.2	1.5	3.85	0.6	3.17	0.9	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-083	4.17	2.6	< 0.1	0.13	0.032	0.02	< 0.02	0.19	0.03	< 0.02	0.47	36.0	1.5	3.69	0.6	3.06	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-084	4.28	2.6	< 0.1	0.16	0.042	0.03	< 0.02	0.13	< 0.02	0.02	0.52	41.4	1.5	3.73	0.6	3.07	0.8	0.3	1.0	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-085	4.57	2.7	< 0.1	0.15	0.039	0.04	< 0.02	0.19	0.02	0.04	0.40	31.9	1.6	4.13	0.7	3.43	0.9	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-086	4.21	3.2	< 0.1	0.75	0.035	0.03	< 0.02	0.21	0.03	< 0.02	0.39	31.2	1.6	4.11	0.7	3.39	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1			
WD13-004-087	3.88	2.9	< 0.1	0.15	0.027	0.03	< 0.02	0.14	< 0.02	< 0.02	0.46	41.9	1.6	3.83	0.6	3.08	0.8	0.3	1.0	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-088	3.60	2.0	< 0.1	0.13	0.039	0.02	< 0.02	0.11	< 0.02	0.03	0.37	38.4	1.5	3.50	0.6	2.76	0.7	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-089	4.17	2.5	< 0.1	0.11	0.061	0.03	< 0.02	0.15	< 0.02	0.02	0.44	36.3	1.5	3.60	0.6	2.92	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-090	0.91	0.4	< 0.1	7.60	0.185	0.06	< 0.02	1.55	0.90	0.50	0.14	19.6	1.5	6.19	0.2	0.93	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1			
WD13-004-091	6.25	5.0	< 0.1	0.28	0.037	0.03	< 0.02	0.34	0.04	0.04	0.14	17.7	3.6	7.86	1.1	5.04	1.2	0.4	1.4	0.2	1.3	0.3	0.8	0.1			
WD13-004-092	4.84	2.5	< 0.1	0.15	0.034	0.04	< 0.02	0.12	< 0.02	0.02	0.37	37.9	1.9	4.57	0.7	3.65	1.0	0.4	1.2	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-093	4.21	2.6	< 0.1	0.17	0.053	0.06	< 0.02	0.17	0.03	0.03	0.44	36.2	1.9	4.44	0.7	3.32	0.9	0.3	1.1	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-094	4.66	3.0	< 0.1	0.12	0.075	0.08	< 0.02	0.12	< 0.02	0.03	0.43	32.6	2.0	4.90	0.7	3.60	0.9	0.3	1.1	0.2	1.2	0.2	0.6	< 0.1			
WD13-004-095	4.82	3.3	< 0.1	0.14	0.056	0.05	< 0.02	0.18	0.02	< 0.02	0.42	35.6	2.0	4.75	0.7	3.52	0.9	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-096	4.46	3.7	< 0.1	0.21	0.063	0.04	< 0.02	0.13	0.02	0.05	0.52	41.7	2.4	5.02	0.7	3.51	0.9	0.3	1.1	0.2	1.0	0.2	0.6	< 0.1			
WD13-004-097	4.24	3.0	< 0.1	0.14	0.049	0.03	< 0.02	0.17	0.03	0.03	0.46	33.3	1.9	4.26	0.7	3.19	0.9	0.3	1.1	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-098	4.36	3.1	< 0.1	0.10	0.042	0.02	< 0.02	0.16	< 0.02	0.04	0.42	31.0	1.8	4.44	0.7	3.29	0.8	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1			
WD13-004-099	3.52	2.4	< 0.1	0.11	0.087	0.02	< 0.02	0.17	< 0.02	< 0.02	0.49	43.3	1.7	3.78	0.6	2.62	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1			
WD13-004-100	2.88	1.7	< 0.1	0.13	0.046	0.02	< 0.02	0.08	< 0.02	0.02	0.42	54.9	1.5	3.18	0.5	2.15	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1			
WD13-004-101	2.65	1.5	< 0.1	0.14	0.052	0.03	< 0.02	0.13	< 0.02	< 0.02	0.65	71.4	1.6	3.18	0.4	2.04	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1			
WD13-004-102	2.84	1.6	< 0.1	0.16	0.036	0.02	< 0.02	0.15	< 0.02	< 0.02	0.80	73.4	1.7	3.37	0.5	2.17	0.5	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1			
WD13-004-103	3.46	1.9	< 0.1	0.11	0.044	0.04	< 0.02	0.22	< 0.02	0.04	0.85	65.0	1.9	4.01	0.6	2.72	0.7	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1			
WD13-004-104	3.89	2.6	< 0.1	0.43	0.105	0.04	< 0.02	0.18	< 0.02	0.07	1.05	54.0	2.2	4.87	0.7	3.42	0.8	0.3	1.0	0.2	0.9	0.2	0.5	< 0.1			
WD13-004-105	0.87	0.4	< 0.1	7.62	0.177	0.06	< 0.02	1.52	0.82	0.52	0.14	21.1	1.5	6.13	0.2	0.90	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1			

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg			SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM
WD13-004-071	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.71	< 0.1	0.5	< 10	6.60	0.06	0.09	0.055	21.44	28.91	< 0.01	< 0.01	0.01	0.01	< 0.003	41.69	
WD13-004-072	0.7	0.1	0.2	< 0.05	0.2	0.001	429	0.07	4.40	1.0	0.3	< 10	59.92	15.23	6.49	0.094	4.49	6.77	2.35	0.74	0.47	0.09	0.018	1.87	
WD13-004-073	1.0	0.1	0.2	< 0.05	0.4	0.001	< 5	0.08	3.17	1.5	0.4	30	60.52	16.13	6.55	0.096	4.64	6.75	2.43	0.76	0.46	0.10	0.019	1.39	
WD13-004-074	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.65	0.2	< 0.1	< 10	67.23	13.55	6.40	0.108	2.46	4.22	3.18	1.12	0.61	0.14	0.023	0.27	
WD13-004-075	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.03	1.82	0.2	< 0.1	< 10	50.83	7.36	11.09	0.225	14.23	14.70	0.81	0.27	0.42	0.03	0.058	0.53	
WD13-004-076	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.03	0.71	0.2	< 0.1	< 10	50.45	6.74	11.04	0.225	13.88	14.85	0.75	0.22	0.41	0.02	0.066	0.14	
WD13-004-077	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	2.61	0.2	< 0.1	< 10	50.42	7.58	10.84	0.216	14.03	14.44	0.80	0.34	0.42	0.03	0.054	1.31	
WD13-004-078	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.03	0.63	0.2	< 0.1	< 10	50.78	7.86	10.91	0.216	14.01	14.62	0.82	0.28	0.41	0.03	0.052	0.37	
WD13-004-079	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.88	0.2	< 0.1	< 10	50.79	7.52	11.03	0.216	14.12	14.72	0.82	0.27	0.42	0.03	0.055	0.44	
WD13-004-080	0.5	< 0.1	0.1	< 0.05	0.4	< 0.001	< 5	< 0.02	1.69	0.2	< 0.1	< 10	50.20	7.16	10.75	0.214	13.86	14.18	0.82	0.25	0.41	0.03	0.051	2.05	
WD13-004-081	0.5	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	0.50	0.2	< 0.1	< 10	50.17	6.86	10.57	0.216	13.71	13.76	0.89	0.26	0.40	0.02	0.051	2.07	
WD13-004-082	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.42	0.2	< 0.1	< 10	50.70	7.75	10.85	0.224	13.80	14.11	0.92	0.39	0.41	0.02	0.051	1.22	
WD13-004-083	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.40	0.2	< 0.1	< 10	50.06	7.71	10.71	0.219	13.79	14.34	0.78	0.28	0.40	0.02	0.054	0.87	
WD13-004-084	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	0.89	0.2	< 0.1	< 10	50.68	7.65	10.85	0.218	13.84	14.55	0.82	0.32	0.42	0.02	0.054	0.65	
WD13-004-085	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.87	0.2	< 0.1	< 10	49.53	7.64	10.56	0.213	13.72	13.98	0.92	0.35	0.40	0.02	0.053	1.76	
WD13-004-086	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	1.32	0.2	< 0.1	< 10	50.55	7.96	10.76	0.216	13.75	14.28	0.95	0.35	0.42	0.03	0.052	1.20	
WD13-004-087	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.80	0.2	< 0.1	< 10	50.42	7.86	10.83	0.218	13.82	14.44	0.90	0.30	0.42	0.03	0.052	0.44	
WD13-004-088	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.04	0.66	0.1	< 0.1	< 10	50.65	7.53	10.99	0.219	14.10	14.71	0.84	0.25	0.43	0.03	0.054	0.37	
WD13-004-089	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	1.92	0.1	< 0.1	< 10	50.50	7.59	11.00	0.218	14.20	14.56	0.83	0.33	0.43	0.03	0.055	0.74	
WD13-004-090	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	1130	0.03	5.13	0.2	< 0.1	< 10	45.43	22.52	6.98	0.082	8.77	12.65	1.19	0.12	0.10	0.01	0.011	2.55	
WD13-004-091	0.6	< 0.1	0.2	< 0.05	0.2	0.001	< 5	< 0.02	4.25	0.8	0.2	< 10	51.27	7.15	10.63	0.228	13.64	13.37	1.30	0.29	0.42	0.03	0.051	1.83	
WD13-004-092	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	2.34	0.2	< 0.1	< 10	50.68	7.93	10.62	0.209	13.82	14.39	0.92	0.40	0.41	0.03	0.053	1.20	
WD13-004-093	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	16	0.03	4.80	0.2	< 0.1	< 10	50.74	7.92	10.46	0.215	13.63	13.86	0.93	0.42	0.41	0.04	0.054	1.39	
WD13-004-094	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	8	0.03	6.59	0.2	< 0.1	< 10	50.27	8.05	10.26	0.209	13.41	13.70	0.94	0.44	0.40	0.04	0.049	2.01	
WD13-004-095	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	4.82	0.3	< 0.1	< 10	50.40	8.16	10.31	0.213	13.54	14.20	1.01	0.45	0.39	0.03	0.052	1.95	
WD13-004-096	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.03	3.01	0.3	< 0.1	< 10	50.34	8.54	10.09	0.204	13.44	13.88	1.10	0.44	0.38	0.03	0.049	1.70	
WD13-004-097	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	2.41	0.3	< 0.1	< 10	50.24	8.63	10.24	0.205	13.41	13.90	0.94	0.43	0.38	0.03	0.052	1.85	
WD13-004-098	0.5	< 0.1	0.1	< 0.05	0.6	< 0.001	< 5	0.02	0.71	0.3	0.2	< 10	50.62	8.64	10.23	0.217	12.97	13.35	1.17	0.45	0.36	0.03	0.048	1.87	
WD13-004-099	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.03	1.28	0.3	0.1	< 10	50.55	9.55	9.95	0.204	12.93	13.45	1.23	0.53	0.35	0.03	0.046	1.77	
WD13-004-100	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.75	0.2	< 0.1	< 10	50.74	9.99	9.77	0.195	12.56	13.81	1.14	0.38	0.34	0.03	0.046	0.90	
WD13-004-101	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.08	0.2	< 0.1	< 10	50.60	10.88	9.48	0.189	12.09	13.17	1.29	0.59	0.33	0.03	0.043	1.07	
WD13-004-102	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.13	0.2	< 0.1	20	50.16	11.53	9.25	0.179	11.69	12.93	1.33	0.55	0.31	0.03	0.040	1.00	
WD13-004-103	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.04	2.42	0.3	0.1	< 10	50.76	12.16	9.20	0.185	11.36	12.09	1.64	0.64	0.31	0.03	0.040	1.75	
WD13-004-104	0.4	< 0.1	< 0.1	< 0.05	1.5	0.002	< 5	0.09	1.79	0.4	0.2	< 10	50.30	11.05	10.16	0.185	11.98	11.42	1.51	0.66	0.34	0.04	0.038	2.05	
WD13-004-105	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	948	0.03	5.28	0.2	< 0.1	40	44.81	21.96	6.88	0.081	8.60	12.44	1.17	0.11	0.09	0.01	0.009	2.58	

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Apr 2 2013 2:02PM	Mar 15 2013 4:58PM	Apr 3 2013 6:35PM	Apr 3 2013 6:35PM	Apr 3 2013 6:35PM
WD13-004-071	98.86	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.4	0.2
WD13-004-072	98.59	0.03	0.028	< 0.004	0.007	0.06	477	1990	470
WD13-004-073	99.90	0.03	0.008	< 0.004	0.008	0.05	2	1.0	0.9
WD13-004-074	99.32	< 0.01	< 0.003	< 0.004	0.004	0.04	9	76.1	56.0
WD13-004-075	100.7	0.07	0.030	0.005	0.006	0.04	12	75.8	54.2
WD13-004-076	98.90	0.06	0.018	0.004	< 0.004	0.04	10	89.4	68.4
WD13-004-077	100.6	0.06	0.018	0.005	0.007	0.05	11	83.9	64.4
WD13-004-078	100.5	0.07	0.030	0.006	0.008	0.05	16	86.9	66.3
WD13-004-079	100.5	0.06	0.024	0.006	0.006	0.04	11	90.4	66.9
WD13-004-080	100.1	0.05	0.018	0.006	0.005	0.11	4	85.0	65.9
WD13-004-081	99.06	0.06	0.017	0.006	0.004	0.18	1	93.8	70.9
WD13-004-082	100.5	0.05	0.018	0.006	0.005	0.09	9	84.5	63.9
WD13-004-083	99.32	0.05	0.017	0.004	0.006	0.04	12	80.9	54.4
WD13-004-084	100.2	0.06	0.019	0.007	0.006	0.04	11	78.5	55.3
WD13-004-085	99.23	0.05	0.018	0.005	0.006	0.05	8	72.8	51.2
WD13-004-086	100.6	0.06	0.023	0.007	0.005	0.05	8	71.5	54.3
WD13-004-087	99.82	0.06	0.021	0.005	0.006	0.05	8	80.7	60.6
WD13-004-088	100.3	0.06	0.023	0.006	0.007	0.05	19	93.0	78.3
WD13-004-089	100.6	0.06	0.022	0.007	0.008	0.05	14	91.6	86.1
WD13-004-090	100.6	0.07	0.069	0.005	0.019	0.10	1260	6040	1410
WD13-004-091	100.3	0.06	0.024	0.007	< 0.004	0.18	6	79.0	68.8
WD13-004-092	100.8	0.06	0.022	0.005	0.006	0.05	9	91.2	71.0
WD13-004-093	100.2	0.06	0.023	0.005	0.009	0.06	20	80.6	64.3
WD13-004-094	100.1	0.09	0.178	0.008	0.009	0.06	14	81.4	64.3
WD13-004-095	100.8	0.05	0.021	0.006	0.007	0.05	12	86.2	65.2
WD13-004-096	100.3	0.06	0.025	0.005	0.010	0.07	10	81.0	68.8
WD13-004-097	100.4	0.05	0.018	0.004	0.008	0.05	10	80.1	65.7
WD13-004-098	100.0	0.05	0.020	0.004	0.005	0.04	7	70.0	59.7
WD13-004-099	100.7	0.05	0.025	0.005	0.007	0.04	10	66.2	52.4
WD13-004-100	99.98	0.05	0.016	0.004	0.008	0.05	13	69.2	53.8
WD13-004-101	99.85	0.05	0.022	0.005	0.010	0.06	9	63.7	48.7
WD13-004-102	99.06	0.04	0.016	0.005	0.005	0.07	6	58.2	43.0
WD13-004-103	100.2	0.03	0.016	0.004	0.006	0.08	15	54.2	70.4
WD13-004-104	99.83	0.05	0.021	0.006	0.015	0.23	9	48.5	66.2
WD13-004-105	98.91	0.08	0.068	0.004	0.018	0.10	1180	5810	1340

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-080 Replicate Original																								
WD13-004-080 LABDUP																								
WD13-004-081 Replicate Original																								
WD13-004-081 LABDUP																								
WD13-004-083 Replicate Original	5.4	0.1	8	0.364	2.17	2.52	0.11	0.04	2.86	15.2	89	153	342	2.08	15.3	63.7	61.9	17.8	4.48	< 0.1	0.3	0.2	3.7	114
WD13-004-083 LABDUP	5.5	0.1	8	0.371	2.23	2.55	0.11	0.04	2.99	15.8	92	158	352	2.13	15.7	66.2	63.3	17.7	4.58	< 0.1	0.4	0.2	3.8	116
WD13-004-090 Replicate Original																								
WD13-004-090 LABDUP																								
WD13-004-091 Replicate Original																								
WD13-004-091 LABDUP																								
WD13-004-100 Replicate Original																								
WD13-004-100 Split Original	7.4	0.2	9	0.470	1.71	3.16	0.14	< 0.02	3.43	13.4	71	111	282	1.71	14.5	64.3	77.8	12.9	4.57	< 0.1	0.2	0.2	4.0	156
WD13-004-100 LABDUP																								
WD13-004-100 LABPREP	7.2	0.2	9	0.477	1.77	3.30	0.14	0.04	3.47	13.5	71	114	290	1.75	15.0	65.7	78.2	13.3	4.72	< 0.1	0.2	0.2	4.1	159
WD13-004-101 Replicate Original	10.0	0.2	10	0.490	1.78	3.37	0.16	< 0.02	3.24	12.0	65	102	279	1.76	15.8	68.1	98.6	16.8	4.80	< 0.1	0.3	0.2	5.5	160
WD13-004-101 LABDUP	9.9	0.2	10	0.483	1.73	3.28	0.16	0.02	3.22	11.7	63	99.1	271	1.72	15.3	66.8	97.2	16.8	4.70	< 0.1	0.5	0.2	5.3	157
WD13-004-102 Replicate Original																								
WD13-004-102 LABDUP																								

Activation Laboratories Ltd. Report: A13-02533

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-080

Replicate Original

WD13-004-080 LABDUP

WD13-004-081

Replicate Original

WD13-004-081 LABDUP

WD13-004-083

Replicate Original

WD13-004-083 LABDUP

WD13-004-090

Replicate Original

WD13-004-090 LABDUP

WD13-004-091

Replicate Original

WD13-004-091 LABDUP

WD13-004-100

Replicate Original

WD13-004-100 Split

Original

WD13-004-100 LABDUP

WD13-004-100

LABPREP

WD13-004-101

Replicate Original

WD13-004-101 LABDUP

WD13-004-102

Replicate Original

WD13-004-102 LABDUP

4.11	2.4	< 0.1	0.14	0.032	0.02	< 0.02	0.19	0.03	< 0.02	0.46	35.5	1.4	3.63	0.6	3.00	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1
4.23	2.8	< 0.1	0.13	0.032	0.02	< 0.02	0.19	0.02	0.02	0.48	36.4	1.5	3.76	0.6	3.12	0.8	0.3	1.0	0.1	1.0	0.2	0.6	< 0.1
2.88	1.7	< 0.1	0.13	0.046	0.02	< 0.02	0.08	< 0.02	0.02	0.42	54.9	1.5	3.18	0.5	2.15	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
2.88	1.8	< 0.1	0.15	0.047	0.02	< 0.02	0.09	< 0.02	< 0.02	0.42	54.6	1.5	3.13	0.4	2.14	0.5	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1
2.68	1.6	< 0.1	0.13	0.050	0.04	< 0.02	0.13	< 0.02	< 0.02	0.66	72.3	1.6	3.21	0.4	2.08	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
2.61	1.3	< 0.1	0.15	0.054	0.03	< 0.02	0.12	< 0.02	< 0.02	0.65	70.4	1.6	3.15	0.4	2.01	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1

Activation Laboratories Ltd. Report: A13-02533

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08	2013-04- 02 14:02:08

MICA-FE LABSTD													34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD													46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD													70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.36	2.27			28.04							
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-080 Replicate Original																								
WD13-004-080 LABDUP																								
WD13-004-081 Replicate Original																								
WD13-004-081 LABDUP																								
WD13-004-083 Replicate Original	0.4	< 0.1	< 0.1	0.06	< 0.1	< 0.001	6	0.03	1.55	0.2	< 0.1	< 10												
WD13-004-083 LABDUP	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.25	0.2	< 0.1	< 10												
WD13-004-090 Replicate Original																								
WD13-004-090 LABDUP																								
WD13-004-091 Replicate Original																								
WD13-004-091 LABDUP																								
WD13-004-100 Replicate Original													50.79	10.01	9.76	0.195	12.60	13.79	1.15	0.39	0.35	0.03	0.046	0.90
WD13-004-100 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.75	0.2	< 0.1	< 10	50.74	9.99	9.77	0.195	12.56	13.81	1.14	0.38	0.34	0.03	0.046	0.90
WD13-004-100 LABDUP													50.68	9.98	9.77	0.195	12.52	13.83	1.13	0.38	0.34	0.03	0.046	0.91
WD13-004-100 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.04	0.83	0.2	< 0.1	< 10	50.23	9.96	9.76	0.195	12.47	13.61	1.13	0.38	0.34	0.03	0.047	0.90
WD13-004-101 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.98	0.2	< 0.1	< 10												
WD13-004-101 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.17	0.2	< 0.1	30												
WD13-004-102 Replicate Original																								
WD13-004-102 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-02 14:02:08	2013-04-02 14:02:08	2013-04-02 14:02:08	2013-04-02 14:02:08	2013-04-02 14:02:08	2013-03-15 16:58:35	2013-04-03 18:35:49	2013-04-03 18:35:49	2013-04-03 18:35:49

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.059	0.124				
CDN-PGMS-22 LABSTD						1190	5920	1380	
CDN-PGMS-22 LABSTD						1240	5800	1340	
CDN-PGMS-23 LABSTD						504	1920	464	
CDN-PGMS-23 LABSTD						487	1970	476	
WD13-004-080 Replicate Original						0.11			
WD13-004-080 LABDUP						0.11			
WD13-004-081 Replicate Original							2	97.1	73.0
WD13-004-081 LABDUP							1	90.6	68.9
WD13-004-083 Replicate Original									
WD13-004-083 LABDUP									
WD13-004-090 Replicate Original						0.10			
WD13-004-090 LABDUP						0.10			
WD13-004-091 Replicate Original							6	79.8	67.1
WD13-004-091 LABDUP							5	78.2	70.5
WD13-004-100 Replicate Original	100.1	0.05	0.016	0.004	0.008	0.05			
WD13-004-100 Split Original	99.98	0.05	0.016	0.004	0.008	0.05	13	69.2	53.8
WD13-004-100 LABDUP	99.89	0.05	0.016	0.004	0.007	0.05			
WD13-004-100 LABPREP	99.13	0.05	0.017	0.006	0.007	0.04	12	64.2	50.4
WD13-004-101 Replicate Original									
WD13-004-101 LABDUP									
WD13-004-102 Replicate Original							6	58.3	42.8
WD13-004-102 LABDUP							6	58.1	43.1



Date Submitted: 07-Mar-13
Invoice No.: A13-02535
Invoice Date: 01-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02535**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02535

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-004-036	4.1	< 0.1	29	0.013	> 10.0	0.01	< 0.01	< 0.02	21.2	< 0.1	3	1.6	428	0.07	0.4	3.4	0.91	27.7	< 0.02	< 0.1	0.6	0.2	0.4	143	
WD13-004-037	9.6	0.2	7	0.359	1.90	> 10.0	0.14	0.10	3.35	6.1	59	83.4	512	3.56	16.5	182	83.4	38.8	7.44	< 0.1	4.4	0.5	4.2	68.3	
WD13-004-038	13.0	0.3	8	0.166	1.00	2.17	0.20	0.08	1.50	8.2	84	41.8	567	3.51	9.8	33.8	44.4	47.3	6.14	< 0.1	4.9	0.4	6.4	77.1	
WD13-004-039	4.4	0.1	5	0.225	2.09	1.81	0.13	0.04	3.02	17.1	100	187	395	2.15	17.5	71.0	41.7	17.3	3.63	< 0.1	0.2	0.2	4.0	70.7	
WD13-004-040	4.0	0.1	6	0.261	2.05	1.79	0.14	0.04	2.97	17.5	103	184	358	2.01	17.1	71.1	45.1	16.0	3.69	< 0.1	0.3	0.3	4.8	74.9	
WD13-004-041	4.5	0.1	6	0.290	2.08	1.87	0.14	< 0.02	2.89	17.5	102	183	342	1.96	16.3	71.9	46.5	16.1	3.73	< 0.1	0.4	0.3	4.7	77.9	
WD13-004-042	3.2	0.1	5	0.325	1.98	2.01	0.12	< 0.02	2.95	17.5	101	182	315	1.79	15.4	72.0	53.4	13.9	3.78	< 0.1	0.3	0.2	3.9	89.0	
WD13-004-043	5.7	0.1	7	0.276	2.24	1.85	0.13	< 0.02	2.81	17.4	103	192	373	2.07	17.4	73.9	50.7	17.2	3.78	< 0.1	0.5	0.3	4.6	71.8	
WD13-004-044	3.6	0.1	8	0.323	2.18	2.21	0.14	< 0.02	2.86	16.7	101	189	341	1.94	16.0	70.0	55.6	19.6	3.94	< 0.1	0.3	0.2	4.6	86.9	
WD13-004-045	4.7	0.1	6	0.256	2.24	1.92	0.14	0.04	3.02	17.9	102	192	395	2.23	18.4	74.9	49.5	16.4	3.65	< 0.1	0.4	0.3	4.5	71.1	
WD13-004-046	4.1	0.1	7	0.321	2.00	2.06	0.13	< 0.02	3.04	17.4	99	182	327	1.91	16.1	73.3	54.1	14.5	3.77	< 0.1	0.3	0.2	4.3	89.2	
WD13-004-047	5.2	0.1	8	0.280	2.51	1.98	0.14	< 0.02	2.87	18.3	110	207	409	2.26	18.2	75.4	52.8	17.6	3.95	< 0.1	0.5	0.3	4.7	74.8	
WD13-004-048	4.5	0.1	7	0.260	2.27	1.95	0.14	< 0.02	2.89	16.2	95	181	381	2.14	16.9	70.7	49.3	16.3	3.58	< 0.1	0.2	0.2	4.5	76.4	
WD13-004-049	3.8	0.1	11	0.291	1.89	2.04	0.15	< 0.02	2.83	16.2	92	171	315	1.86	15.8	71.9	55.0	14.4	3.49	< 0.1	0.4	0.1	4.9	81.8	
WD13-004-050	4.7	0.2	10	0.250	2.10	1.67	0.14	0.05	2.85	17.1	100	183	381	2.05	17.6	67.9	54.9	17.4	3.52	< 0.1	0.3	0.3	4.7	67.4	
WD13-004-051	9.5	0.1	10	0.323	2.46	2.88	0.19	0.07	3.24	14.9	91	179	421	2.34	19.6	87.3	132	19.7	4.72	< 0.1	0.4	0.2	7.5	108	
WD13-004-052	4.6	0.1	7	0.279	2.07	2.03	0.14	< 0.02	2.79	16.2	92	176	339	1.99	16.5	71.7	54.6	14.9	3.48	< 0.1	0.2	0.1	4.8	77.0	
WD13-004-053	3.9	0.1	8	0.337	1.97	2.11	0.14	< 0.02	2.93	17.0	96	175	317	1.85	15.5	70.1	53.5	14.4	3.83	< 0.1	0.3	0.1	4.7	91.3	
WD13-004-054	5.5	0.1	8	0.345	2.48	2.27	0.13	0.03	3.06	18.2	106	204	407	2.26	18.2	77.0	56.1	17.9	4.24	< 0.1	0.3	0.2	4.5	88.0	
WD13-004-055	2.7	< 0.1	6	0.824	3.16	> 10.0	0.05	0.12	7.70	2.7	19	163	372	3.65	30.0	494	183	22.8	10.4	< 0.1	2.7	0.9	1.3	86.2	
WD13-004-056	4.0	0.1	6	0.341	1.95	2.26	0.14	< 0.02	3.08	17.6	98	178	334	1.92	16.1	72.3	56.1	15.3	3.89	< 0.1	0.2	0.2	4.7	101	
WD13-004-057	3.2	0.1	7	0.344	1.84	2.23	0.11	< 0.02	2.69	14.9	87	160	302	1.71	14.2	66.2	57.9	13.3	3.74	< 0.1	0.2	0.2	3.6	94.4	
WD13-004-058	5.2	0.1	7	0.326	2.09	2.24	0.13	< 0.02	3.06	17.4	97	182	366	2.09	17.4	76.7	63.5	15.6	3.70	< 0.1	0.2	0.2	4.1	94.4	
WD13-004-059	4.8	0.1	8	0.315	2.03	1.97	0.11	0.02	2.91	16.6	96	179	352	1.95	15.9	70.2	55.2	15.6	3.80	< 0.1	0.4	0.2	3.8	86.7	
WD13-004-060	4.3	0.1	7	0.354	2.14	2.32	0.12	0.03	3.00	16.5	99	186	375	2.07	16.2	69.4	53.9	17.0	4.09	< 0.1	0.4	0.2	3.7	93.5	
WD13-004-061	6.4	0.1	7	0.277	2.14	2.02	0.12	0.03	2.86	16.5	95	180	382	2.26	18.3	76.1	59.8	18.8	3.60	< 0.1	0.1	0.1	4.3	79.3	
WD13-004-062	4.5	< 0.1	7	0.095	1.40	1.17	0.05	0.16	2.38	10.9	84	113	300	1.68	12.1	43.1	36.6	16.6	3.54	< 0.1	0.4	0.2	1.9	90.8	
WD13-004-063	5.7	0.1	7	0.148	1.87	1.45	0.10	0.07	2.55	13.3	89	151	409	1.99	14.7	55.1	31.5	18.4	3.43	< 0.1	0.2	0.1	3.1	58.5	
WD13-004-064	3.8	0.2	5	0.135	1.82	1.16	0.10	0.08	3.00	13.6	81	137	480	1.92	13.8	48.2	18.0	18.1	3.03	< 0.1	0.1	0.2	2.5	47.5	
WD13-004-065	6.7	0.2	7	0.256	2.36	1.74	0.12	0.04	2.88	17.4	97	184	456	2.41	18.6	71.5	39.2	24.3	3.84	< 0.1	0.2	0.2	4.1	65.5	
WD13-004-066	4.6	0.1	8	0.408	2.20	2.55	0.13	0.02	3.07	17.1	102	188	380	2.17	16.8	71.8	55.6	17.1	4.32	< 0.1	0.5	0.2	4.3	107	
WD13-004-067	4.1	0.1	6	0.385	2.02	2.51	0.12	< 0.02	3.10	16.4	90	165	354	2.06	16.4	70.5	53.7	15.6	4.03	< 0.1	0.3	0.2	3.7	108	
WD13-004-068	3.9	0.1	7	0.367	1.84	2.27	0.11	< 0.02	2.97	16.0	90	156	322	1.90	15.5	68.6	53.3	16.4	3.87	< 0.1	0.3	0.2	3.5	106	
WD13-004-069	4.5	0.1	7	0.412	2.22	2.48	0.12	< 0.02	3.04	17.3	99	183	365	2.07	16.2	69.4	53.2	16.6	4.31	< 0.1	0.2	0.2	3.9	112	
WD13-004-070	2.7	< 0.1	6	0.850	3.12	> 10.0	0.05	0.13	7.73	2.6	19	162	372	3.69	29.9	498	185	23.2	10.5	< 0.1	2.8	0.8	1.3	86.4	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	
WD13-004-036	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.61	< 0.1	0.5	50	6.59	< 0.01	0.06	0.051	22.01	29.04	< 0.01	< 0.01	0.02	0.01	< 0.003	41.51
WD13-004-037	0.6	< 0.1	0.1	< 0.05	0.2	0.002	404	0.06	4.27	0.9	0.3	40	60.72	15.62	6.59	0.100	4.64	6.83	2.41	0.75	0.47	0.09	0.019	1.90
WD13-004-038	0.9	0.1	0.2	< 0.05	0.4	0.001	< 5	0.08	3.39	1.5	0.5	40	67.35	13.49	6.31	0.115	2.42	4.21	3.20	1.11	0.61	0.15	0.021	1.40
WD13-004-039	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	10	0.02	0.70	0.4	0.1	< 10	50.52	6.51	10.71	0.232	14.41	14.78	0.80	0.34	0.41	0.04	0.061	1.27
WD13-004-040	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.03	0.72	0.4	< 0.1	< 10	50.50	6.71	10.97	0.220	14.47	14.55	0.81	0.35	0.41	0.04	0.049	0.89
WD13-004-041	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.03	0.72	0.3	< 0.1	< 10	50.29	6.89	10.95	0.226	14.74	14.76	0.87	0.33	0.41	0.04	0.059	0.56
WD13-004-042	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.02	0.71	0.3	< 0.1	< 10	50.64	6.53	10.91	0.237	14.80	15.11	0.79	0.27	0.41	0.03	0.065	0.21
WD13-004-043	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.03	0.70	0.3	< 0.1	< 10	50.42	6.65	10.94	0.239	14.71	14.96	0.80	0.35	0.42	0.03	0.060	0.85
WD13-004-044	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.03	1.54	0.3	< 0.1	< 10	50.96	6.61	10.82	0.229	14.61	14.93	0.85	0.32	0.41	0.04	0.065	0.47
WD13-004-045	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.03	0.72	0.3	< 0.1	< 10	50.54	6.47	10.84	0.236	14.76	15.01	0.76	0.32	0.42	0.03	0.064	1.03
WD13-004-046	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.03	0.80	0.3	< 0.1	< 10	50.58	6.68	10.79	0.229	14.68	15.02	0.76	0.30	0.41	0.02	0.060	0.41
WD13-004-047	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	10	0.03	0.79	0.3	< 0.1	< 10	50.63	6.51	10.66	0.223	14.45	14.72	0.77	0.33	0.41	0.02	0.059	0.91
WD13-004-048	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.03	0.77	0.3	< 0.1	< 10	51.34	6.49	10.64	0.218	14.29	14.80	0.91	0.37	0.41	0.03	0.055	0.90
WD13-004-049	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.03	1.19	0.3	< 0.1	< 10	51.08	6.12	10.97	0.235	14.78	15.16	0.79	0.33	0.42	0.02	0.060	0.25
WD13-004-050	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.03	1.52	0.3	0.1	< 10	51.76	6.08	10.49	0.234	14.16	14.38	0.90	0.38	0.39	0.03	0.059	0.93
WD13-004-051	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	24	0.04	1.31	0.3	< 0.1	< 10	50.17	9.26	9.80	0.209	13.15	13.79	1.03	0.53	0.34	0.02	0.052	1.50
WD13-004-052	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.03	0.80	0.3	< 0.1	< 10	50.51	6.70	10.54	0.215	14.34	14.54	0.78	0.36	0.40	0.03	0.058	0.48
WD13-004-053	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.03	0.81	0.3	< 0.1	< 10	50.50	7.00	10.75	0.229	14.59	14.79	0.83	0.33	0.41	0.03	0.061	0.36
WD13-004-054	0.5	< 0.1	< 0.1	< 0.05	1.4	0.001	9	0.03	1.08	0.3	< 0.1	< 10	50.20	6.69	10.83	0.230	14.58	14.95	0.79	0.31	0.41	0.03	0.065	0.77
WD13-004-055	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1720	0.03	5.32	0.2	0.1	20	45.50	22.12	7.02	0.092	8.85	12.79	1.16	0.11	0.10	0.01	0.011	2.65
WD13-004-056	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	17	0.03	0.66	0.2	< 0.1	< 10	50.36	7.04	10.73	0.227	14.53	14.98	0.80	0.30	0.40	0.03	0.050	0.34
WD13-004-057	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.02	0.70	0.2	< 0.1	< 10	50.69	6.85	10.95	0.236	14.81	15.16	0.79	0.26	0.41	0.03	0.053	0.20
WD13-004-058	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.03	2.12	0.2	< 0.1	< 10	51.32	6.67	10.76	0.226	14.40	14.72	0.78	0.28	0.40	0.03	0.057	0.57
WD13-004-059	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	10	0.03	0.80	0.2	< 0.1	< 10	50.53	6.43	10.97	0.233	14.56	14.99	0.79	0.28	0.42	0.03	0.063	0.73
WD13-004-060	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	12	0.03	0.75	0.2	< 0.1	< 10	50.94	6.96	10.81	0.228	14.54	14.79	0.80	0.26	0.41	0.03	0.057	0.66
WD13-004-061	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	16	0.03	1.21	0.2	< 0.1	< 10	50.27	6.19	10.99	0.232	14.39	15.13	0.80	0.33	0.41	0.03	0.060	0.89
WD13-004-062	0.5	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	2.24	0.3	0.1	< 10	50.15	6.30	10.06	0.221	14.30	14.97	0.84	0.18	0.36	0.02	0.055	2.06
WD13-004-063	0.6	< 0.1	0.1	< 0.05	0.8	< 0.001	6	< 0.02	2.52	0.3	0.1	< 10	50.42	6.68	10.52	0.232	14.03	14.28	0.91	0.36	0.40	0.03	0.054	1.98
WD13-004-064	0.5	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	1.20	0.4	0.3	< 10	50.41	6.49	10.51	0.242	13.84	14.27	1.30	0.35	0.39	0.02	0.054	2.54
WD13-004-065	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.03	2.31	0.3	0.1	< 10	50.78	6.90	10.68	0.232	13.96	14.03	0.99	0.38	0.39	0.03	0.057	1.40
WD13-004-066	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	9	0.03	0.85	0.3	< 0.1	< 10	50.16	7.26	10.93	0.239	14.54	14.71	0.83	0.27	0.41	0.02	0.053	0.44
WD13-004-067	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.03	0.85	0.3	< 0.1	< 10	50.27	7.18	10.98	0.225	14.40	14.76	0.82	0.26	0.41	0.02	0.053	0.37
WD13-004-068	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	10	0.03	0.88	0.2	< 0.1	< 10	50.53	7.61	11.00	0.236	14.52	14.86	0.83	0.24	0.41	0.02	0.058	0.31
WD13-004-069	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.80	0.3	< 0.1	< 10	50.45	7.37	11.00	0.227	14.39	14.63	0.85	0.27	0.41	0.03	0.055	0.27
WD13-004-070	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1080	0.03	5.91	0.2	< 0.1	40	45.78	22.12	6.98	0.086	8.89	12.85	1.15	0.11	0.11	0.01	0.012	2.52

Activation Laboratories Ltd. Report: A13-02535

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Mar 15 2013 4:58PM	Mar 28 2013 3:10PM	Mar 28 2013 3:10PM	Mar 28 2013 3:10PM
WD13-004-036	99.29	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.2	0.2
WD13-004-037	100.2	0.03	0.035	0.004	0.011	0.06	499	1970	489
WD13-004-038	100.4	< 0.01	0.010	< 0.004	0.007	0.04	3	1.0	1.0
WD13-004-039	100.2	0.07	0.035	0.005	0.006	0.04	11	89.4	67.4
WD13-004-040	100.1	0.10	0.057	0.005	0.004	0.06	11	85.6	56.1
WD13-004-041	100.2	0.07	0.035	0.007	0.010	0.04	11	79.8	55.3
WD13-004-042	100.2	0.08	0.072	0.009	0.009	0.04	11	91.0	65.5
WD13-004-043	100.6	0.09	0.083	0.006	0.008	0.04	11	84.3	59.4
WD13-004-044	100.4	0.08	0.046	0.004	< 0.004	0.04	12	82.1	62.0
WD13-004-045	100.7	0.08	0.096	0.007	0.006	0.05	9	84.3	61.7
WD13-004-046	100.0	0.07	0.028	0.008	0.006	0.04	9	84.0	58.1
WD13-004-047	99.79	0.06	0.023	0.006	< 0.004	0.04	10	81.0	59.6
WD13-004-048	100.6	0.08	0.049	0.005	0.010	0.04	12	86.5	59.7
WD13-004-049	100.3	0.02	0.033	< 0.004	0.008	0.04	12	83.6	57.0
WD13-004-050	100.2	0.15	0.276	0.009	0.006	0.06	10	83.8	62.9
WD13-004-051	99.94	0.05	0.018	0.006	0.009	0.06	18	75.3	63.8
WD13-004-052	99.04	0.06	0.020	0.006	< 0.004	0.03	11	82.2	59.7
WD13-004-053	99.98	0.06	0.026	0.006	< 0.004	0.03	10	71.5	48.5
WD13-004-054	100.00	0.08	0.055	0.007	0.006	0.04	10	78.7	54.9
WD13-004-055	100.6	0.08	0.064	< 0.004	0.020	0.10	1240	6000	1370
WD13-004-056	99.90	0.07	0.029	0.006	0.006	0.04	12	84.8	62.7
WD13-004-057	100.6	0.07	0.061	0.004	0.004	0.04	11	88.9	66.3
WD13-004-058	100.4	0.08	0.065	0.005	0.007	0.04	11	81.0	59.5
WD13-004-059	100.1	0.01	0.036	0.004	0.018	0.04	10	84.6	59.2
WD13-004-060	100.6	0.07	0.036	0.004	0.004	0.04	11	80.3	55.6
WD13-004-061	99.84	0.07	0.036	< 0.004	0.005	0.04	12	97.0	70.5
WD13-004-062	99.59	0.02	0.034	< 0.004	0.017	0.06	3	79.4	58.7
WD13-004-063	99.99	0.06	0.020	0.005	0.007	0.03	4	79.5	50.6
WD13-004-064	100.5	0.06	0.034	0.004	< 0.004	0.04	3	66.2	42.6
WD13-004-065	100.00	0.08	0.083	0.007	< 0.004	0.05	7	67.7	44.8
WD13-004-066	99.96	0.02	0.048	< 0.004	0.029	0.04	10	76.2	49.9
WD13-004-067	99.90	0.08	0.057	0.007	0.007	0.04	10	79.4	52.1
WD13-004-068	100.7	0.07	0.035	0.005	0.007	0.04	9	71.7	48.7
WD13-004-069	100.1	0.07	0.044	0.007	0.007	0.04	8	72.7	47.0
WD13-004-070	100.8	0.08	0.068	< 0.004	0.018	0.10	1290	6120	1420

Activation Laboratories Ltd. Report: A13-02535

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 73a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-039

Replicate Original

WD13-004-039 LABDUP

WD13-004-044

Replicate Original

WD13-004-044 LABDUP

WD13-004-046

Replicate Original

WD13-004-046 LABDUP

WD13-004-049

Replicate Original

WD13-004-049 LABDUP

WD13-004-056

Replicate Original

WD13-004-056 LABDUP

WD13-004-057

Replicate Original

WD13-004-057 LABDUP

WD13-004-059

Replicate Original

WD13-004-059 LABDUP

WD13-004-067

Replicate Original

WD13-004-067 LABDUP

WD13-004-069

Replicate Original

WD13-004-069 LABDUP

WD13-004-044	3.6	0.1	8	0.325	2.16	2.16	0.13	< 0.02	2.81	16.7	101	189	334	1.89	15.6	69.0	56.8	23.9	3.96	< 0.1	0.3	0.2	4.7	87.5
WD13-004-044 LABDUP	3.6	0.1	7	0.322	2.20	2.26	0.14	< 0.02	2.90	16.7	100	189	348	2.00	16.3	70.9	54.3	15.4	3.93	< 0.1	0.3	0.2	4.6	86.2
WD13-004-057 LABDUP	3.4	0.1	7	0.358	1.88	2.22	0.11	< 0.02	2.78	15.7	92	166	305	1.72	14.4	67.7	59.2	13.7	3.86	< 0.1	0.2	0.2	3.7	98.3
WD13-004-057 LABDUP	3.1	0.1	7	0.330	1.80	2.23	0.11	< 0.02	2.61	14.2	81	155	299	1.70	14.0	64.7	56.6	12.9	3.63	< 0.1	0.2	0.3	3.5	90.5

Activation Laboratories Ltd. Report: A13-02535

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
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LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-039 Replicate Original																								
WD13-004-039 LABDUP																								
WD13-004-044 Replicate Original	4.04	3.3	< 0.1	0.16	0.039	0.02	< 0.02	0.16	< 0.02	0.02	0.42	37.7	1.7	3.92	0.6	2.93	0.8	0.3	0.9	0.1	0.8	0.2	0.5	< 0.1
WD13-004-044 LABDUP	3.99	3.4	< 0.1	0.16	0.033	0.02	< 0.02	0.13	< 0.02	< 0.02	0.44	39.1	1.8	3.93	0.6	2.92	0.8	0.3	1.0	0.1	0.9	0.2	0.5	< 0.1
WD13-004-046 Replicate Original																								
WD13-004-046 LABDUP																								
WD13-004-049 Replicate Original																								
WD13-004-049 LABDUP																								
WD13-004-056 Replicate Original																								
WD13-004-056 LABDUP																								
WD13-004-057 Replicate Original	3.70	2.6	< 0.1	0.14	0.067	0.01	< 0.02	0.13	< 0.02	0.02	0.32	36.4	1.5	3.65	0.6	2.68	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-004-057 LABDUP	3.39	2.9	< 0.1	0.14	0.053	0.02	< 0.02	0.12	< 0.02	< 0.02	0.32	35.4	1.5	3.34	0.5	2.61	0.7	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1
WD13-004-059 Replicate Original																								
WD13-004-059 LABDUP																								
WD13-004-067 Replicate Original																								
WD13-004-067 LABDUP																								
WD13-004-069 Replicate Original																								
WD13-004-069 LABDUP																								

Activation Laboratories Ltd. Report: A13-02535

Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																									
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD														36.40	2.45				32.51					
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-039 Replicate Original																								
WD13-004-039 LABDUP																								
WD13-004-044 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	14	0.03	2.31	0.3	< 0.1	< 10												
WD13-004-044 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.03	0.77	0.3	0.1	< 10												
WD13-004-046 Replicate Original																								
WD13-004-046 LABDUP																								
WD13-004-049 Replicate Original																								
WD13-004-049 LABDUP																								
WD13-004-056 Replicate Original																								
WD13-004-056 LABDUP																								
WD13-004-057 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.02	0.73	0.2	< 0.1	< 10												
WD13-004-057 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	14	0.02	0.67	0.2	< 0.1	< 10												
WD13-004-059 Replicate Original																								
WD13-004-059 LABDUP																								
WD13-004-067 Replicate Original																								
WD13-004-067 LABDUP																								
WD13-004-069 Replicate Original																								
WD13-004-069 LABDUP																								

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-03-15 16:58:35	2013-03-28 15:10:56	2013-03-28 15:10:56	2013-03-28 15:10:56

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
Oreas 73a (Fusion) LABSTD		0.19	1.45	0.031	0.094				
CDN-PGMS-22 LABSTD						1200	5830	1310	
CDN-PGMS-22 LABSTD						1200	5980	1380	
CDN-PGMS-23 LABSTD						481	2000	460	
CDN-PGMS-23 LABSTD						514	2010	477	
WD13-004-039 Replicate Original						0.04			
WD13-004-039 LABDUP						0.04			
WD13-004-044 Replicate Original									
WD13-004-044 LABDUP									
WD13-004-046 Replicate Original						10	82.9	58.1	
WD13-004-046 LABDUP						9	85.0	58.1	
WD13-004-049 Replicate Original						0.04			
WD13-004-049 LABDUP						0.04			
WD13-004-056 Replicate Original						12	84.5	62.5	
WD13-004-056 LABDUP						11	85.1	62.8	
WD13-004-057 Replicate Original									
WD13-004-057 LABDUP									
WD13-004-059 Replicate Original						0.04			
WD13-004-059 LABDUP						0.04			
WD13-004-067 Replicate Original						9	79.5	51.6	
WD13-004-067 LABDUP						10	79.3	52.6	
WD13-004-069 Replicate Original						0.04			
WD13-004-069 LABDUP						0.04			



Date Submitted: 07-Mar-13
Invoice No.: A13-02539
Invoice Date: 01-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02539**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02539

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-004-001	4.5	< 0.1	37	0.015	> 10.0	0.02	0.01	< 0.02	22.2	< 0.1	3	0.6	496	0.09	0.5	4.0	2.04	16.8	< 0.02	< 0.1	0.4	< 0.1	0.5	159		
WD13-004-002	10.8	0.3	9	0.373	1.68	> 10.0	0.14	0.10	3.35	6.2	59	79.8	498	3.52	16.0	184	87.8	43.4	7.17	< 0.1	4.2	0.5	4.4	70.2		
WD13-004-003	13.5	0.3	12	0.189	1.04	2.35	0.19	0.08	1.43	7.7	83	43.7	585	3.58	9.5	33.0	46.0	50.4	6.56	< 0.1	4.9	0.3	6.4	77.1		
WD13-004-004	4.0	0.1	8	0.288	2.26	1.80	0.13	< 0.02	2.65	17.5	105	208	379	2.23	17.4	77.9	60.4	18.1	3.50	< 0.1	0.3	0.2	3.8	63.9		
WD13-004-005	6.2	0.1	8	0.265	2.44	2.02	0.14	0.03	3.04	18.5	100	209	429	2.45	19.1	79.1	52.0	19.4	3.60	< 0.1	0.3	0.2	4.5	72.0		
WD13-004-006	6.8	0.2	8	0.287	2.47	1.73	0.13	< 0.02	2.74	18.5	105	217	397	2.34	18.3	79.9	57.7	22.2	3.64	< 0.1	0.6	0.2	3.9	62.9		
WD13-004-007	5.7	0.1	8	0.286	2.50	1.76	0.14	< 0.02	2.63	18.1	106	219	404	2.30	17.7	75.0	47.8	17.6	3.54	< 0.1	0.5	0.3	4.3	56.3		
WD13-004-008	5.7	0.1	8	0.273	1.90	2.11	0.15	< 0.02	2.72	15.0	85	165	333	1.93	15.4	66.7	48.7	14.4	3.51	< 0.1	0.5	0.2	4.8	80.4		
WD13-004-009	6.2	0.1	9	0.311	1.82	2.30	0.15	< 0.02	2.86	14.6	80	154	315	1.76	14.2	64.4	50.9	13.4	3.77	< 0.1	0.2	0.2	5.2	102		
WD13-004-010	4.4	0.2	8	0.279	2.28	1.68	0.15	< 0.02	2.68	18.2	108	209	387	2.20	17.1	75.1	50.9	17.3	3.52	< 0.1	0.6	0.1	4.6	56.1		
WD13-004-011	5.4	0.1	8	0.261	2.18	1.58	0.13	0.03	2.65	17.0	101	198	379	2.14	16.7	73.2	50.6	17.7	3.48	< 0.1	0.5	0.2	4.5	57.1		
WD13-004-012	3.1	0.1	7	0.295	1.86	1.83	0.13	< 0.02	2.42	15.0	89	167	305	1.83	14.8	69.6	60.9	13.5	3.32	< 0.1	0.5	0.1	3.8	65.3		
WD13-004-013	4.9	0.1	8	0.254	1.95	1.68	0.15	< 0.02	2.53	16.1	90	176	340	1.98	16.2	73.0	56.5	14.7	3.04	< 0.1	0.3	0.1	4.9	59.1		
WD13-004-014	7.0	0.1	12	0.306	1.89	2.28	0.17	0.03	2.85	15.0	88	163	324	1.86	15.1	68.9	59.4	14.9	3.78	< 0.1	0.4	0.1	6.5	99.0		
WD13-004-015	4.0	0.1	8	0.299	1.96	2.00	0.16	< 0.02	2.68	15.9	94	181	326	1.85	15.2	75.1	67.1	13.9	3.51	< 0.1	0.3	0.2	5.2	72.7		
WD13-004-016	4.6	0.1	7	0.262	2.02	1.86	0.15	< 0.02	2.59	16.0	91	179	338	1.99	16.2	72.8	52.9	15.0	3.18	< 0.1	0.3	0.1	5.1	63.0		
WD13-004-017	9.1	0.1	13	0.275	1.73	2.57	0.20	0.04	2.83	12.5	75	139	319	1.76	14.8	67.4	77.6	15.0	3.78	< 0.1	0.2	0.2	9.2	130		
WD13-004-018	4.9	0.1	9	0.172	1.63	1.50	0.10	0.15	2.54	12.6	84	143	320	1.79	14.6	55.3	43.1	14.8	3.28	< 0.1	0.4	0.2	4.1	75.6		
WD13-004-019	6.9	0.1	7	0.127	1.58	1.40	0.09	0.17	2.20	11.3	82	148	320	1.80	15.5	60.0	52.9	14.6	3.15	< 0.1	0.3	0.2	3.2	64.1		
WD13-004-020	3.0	< 0.1	7	0.830	2.86	> 10.0	0.05	0.12	7.49	2.7	20	158	359	3.57	29.2	494	187	23.8	10.4	< 0.1	2.6	0.7	1.4	88.5		
WD13-004-021	7.4	0.2	9	0.170	2.19	1.58	0.12	0.16	2.70	16.0	106	194	425	2.29	18.8	74.2	53.2	18.3	3.72	< 0.1	0.6	0.2	4.2	62.8		
WD13-004-022	4.8	0.1	9	0.270	1.97	1.91	0.16	< 0.02	2.61	15.5	89	174	340	1.96	15.8	69.6	48.4	14.4	3.34	< 0.1	0.2	< 0.1	5.7	66.2		
WD13-004-023	5.3	0.1	9	0.258	1.92	1.76	0.15	< 0.02	2.53	15.3	90	171	334	1.98	15.8	70.5	55.0	14.9	3.22	< 0.1	0.6	0.1	5.4	64.1		
WD13-004-024	5.4	0.1	9	0.298	2.14	2.09	0.17	0.02	2.90	16.6	96	189	379	2.19	17.7	76.5	56.9	16.3	3.64	< 0.1	0.3	0.2	5.9	74.9		
WD13-004-025	5.7	0.1	8	0.275	1.98	2.00	0.16	0.02	2.84	16.2	92	175	359	2.07	16.5	71.5	50.2	15.7	3.44	< 0.1	0.4	0.1	5.8	73.7		
WD13-004-026	5.6	0.1	9	0.291	2.09	1.91	0.15	0.03	2.83	16.7	98	187	371	2.07	16.6	71.7	53.0	16.9	3.64	< 0.1	0.3	0.2	5.2	70.4		
WD13-004-027	3.8	0.1	8	0.304	1.82	2.00	0.14	< 0.02	2.46	14.4	87	162	311	1.84	14.7	67.1	54.2	13.3	3.45	< 0.1	0.3	0.1	4.6	74.8		
WD13-004-028	4.1	0.1	7	0.286	1.97	1.89	0.14	< 0.02	2.73	16.4	92	180	353	2.03	16.2	72.4	50.0	15.2	3.26	< 0.1	0.2	0.2	4.6	67.4		
WD13-004-029	3.8	0.1	8	0.313	1.75	1.90	0.13	< 0.02	2.65	15.4	89	163	310	1.84	15.0	70.5	55.1	14.4	3.39	< 0.1	0.4	0.2	4.3	77.1		
WD13-004-030	4.7	0.1	8	0.308	1.73	2.03	0.12	0.02	2.48	13.3	80	151	313	1.80	14.2	67.4	69.1	14.3	3.56	< 0.1	0.3	0.2	4.2	82.3		
WD13-004-031	4.4	0.1	7	0.287	2.11	1.94	0.13	< 0.02	2.83	16.6	95	184	389	2.28	17.8	75.7	55.8	16.3	3.54	< 0.1	0.4	0.2	4.4	72.0		
WD13-004-032	5.9	0.1	8	0.246	2.11	1.68	0.13	0.04	2.88	16.6	96	183	412	2.31	17.8	74.0	51.2	19.0	3.48	< 0.1	0.2	0.2	4.5	62.2		
WD13-004-033	4.6	0.1	8	0.323	1.87	2.00	0.13	< 0.02	2.64	15.5	91	169	333	1.97	15.5	69.9	53.9	15.2	3.62	< 0.1	0.4	0.1	4.3	75.3		
WD13-004-034	4.9	0.1	6	0.326	1.99	2.14	0.14	0.03	2.96	16.5	94	181	364	2.14	17.3	80.1	60.0	16.4	3.67	< 0.1	1.0	0.2	4.6	78.0		
WD13-004-035	3.1	< 0.1	8	0.858	2.86	> 10.0	0.05	0.14	7.58	2.7	19	158	369	3.71	30.0	509	193	24.0	10.5	< 0.1	2.6	0.9	1.4	89.7		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS							
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm						
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm												
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM		
WD13-004-001	0.34	0.2	< 0.1	0.07	0.026	0.07	< 0.02	< 0.05	0.05	< 0.02	0.27	367	< 0.5	0.46	< 0.1	0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-002	6.99	4.2	< 0.1	8.30	0.138	0.11	0.02	1.63	0.74	0.25	0.36	89.4	5.3	13.6	1.4	6.14	1.4	0.4	1.6	0.3	1.6	0.3	0.9	0.1												
WD13-004-003	10.4	6.8	0.2	7.64	0.127	0.13	0.03	1.34	0.56	< 0.02	0.43	129	7.1	15.0	2.1	9.22	2.1	0.6	2.2	0.4	2.3	0.5	1.3	0.2												
WD13-004-004	4.26	4.7	< 0.1	0.36	0.116	0.03	< 0.02	0.19	0.02	0.02	0.33	41.3	2.1	4.89	0.7	3.50	0.9	0.3	1.1	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-005	4.01	4.0	< 0.1	0.21	0.073	0.03	< 0.02	0.16	0.22	< 0.02	0.40	50.4	2.0	4.62	0.7	3.25	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-006	4.18	4.5	< 0.1	0.18	0.079	0.03	< 0.02	0.29	0.04	< 0.02	0.32	42.5	1.9	4.57	0.7	3.27	0.8	0.3	1.0	0.2	0.9	0.2	0.6	< 0.1												
WD13-004-007	4.26	4.7	< 0.1	0.23	0.062	0.03	< 0.02	0.17	< 0.02	< 0.02	0.34	44.6	2.0	4.68	0.7	3.42	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-008	3.61	3.8	< 0.1	0.18	0.052	0.02	< 0.02	0.23	0.02	< 0.02	0.48	47.8	2.0	4.28	0.6	2.94	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-009	3.28	3.0	< 0.1	0.19	0.065	0.02	< 0.02	0.13	< 0.02	< 0.02	0.51	47.4	1.7	3.67	0.5	2.57	0.6	0.2	0.7	0.1	0.8	0.2	0.4	< 0.1												
WD13-004-010	4.43	5.2	< 0.1	0.19	0.075	0.02	< 0.02	0.26	0.03	< 0.02	0.34	44.0	2.2	5.09	0.8	3.62	0.9	0.3	1.1	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-011	4.27	4.4	< 0.1	0.22	0.082	0.02	< 0.02	0.16	0.02	0.03	0.50	40.2	2.1	4.87	0.7	3.44	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-012	3.58	3.8	< 0.1	0.18	0.078	0.02	< 0.02	0.21	0.02	< 0.02	0.28	39.7	1.8	4.12	0.6	2.95	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-013	3.66	3.9	< 0.1	0.20	0.064	0.02	< 0.02	0.15	< 0.02	< 0.02	0.44	44.1	1.9	4.20	0.6	2.95	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-014	3.64	3.4	< 0.1	0.32	0.080	0.03	< 0.02	0.22	0.03	0.03	0.68	51.4	2.0	4.35	0.6	3.00	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-015	3.76	3.7	< 0.1	0.20	0.059	0.02	< 0.02	0.15	< 0.02	0.02	0.40	46.3	1.9	4.29	0.6	3.08	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-016	3.62	3.8	< 0.1	0.17	0.058	0.02	< 0.02	0.21	0.02	< 0.02	0.39	48.4	1.9	4.06	0.6	2.95	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-017	3.34	2.7	< 0.1	0.19	0.082	0.03	< 0.02	0.12	0.02	0.03	1.16	66.6	1.8	3.88	0.6	2.76	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1												
WD13-004-018	4.10	4.4	< 0.1	0.35	0.062	0.04	< 0.02	0.24	0.04	0.03	0.48	28.6	2.0	4.57	0.7	3.39	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-019	4.44	5.1	< 0.1	0.50	0.064	0.04	< 0.02	0.15	0.04	0.03	0.40	20.0	2.0	4.74	0.7	3.65	1.0	0.3	1.1	0.2	1.2	0.2	0.6	< 0.1												
WD13-004-020	0.85	0.5	< 0.1	7.73	0.180	0.07	< 0.02	1.61	1.01	0.60	0.14	20.5	1.6	6.47	0.3	0.97	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1												
WD13-004-021	5.13	5.2	< 0.1	0.66	0.075	0.03	< 0.02	0.25	0.06	0.03	0.45	26.2	2.3	5.49	0.8	4.10	1.1	0.3	1.2	0.2	1.2	0.3	0.7	0.1												
WD13-004-022	3.61	3.7	< 0.1	0.21	0.062	0.03	< 0.02	0.14	< 0.02	0.03	0.58	49.3	2.0	4.17	0.6	2.99	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-023	3.66	3.8	< 0.1	0.21	0.097	0.02	< 0.02	0.24	0.02	< 0.02	0.49	45.0	1.9	4.15	0.6	2.91	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-024	3.97	3.7	< 0.1	0.19	0.064	0.03	< 0.02	0.15	< 0.02	< 0.02	0.62	49.6	2.0	4.55	0.7	3.30	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-025	3.84	3.7	< 0.1	0.18	0.060	0.03	< 0.02	0.21	0.03	0.03	0.58	47.6	2.0	4.53	0.7	3.13	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-026	4.06	4.3	< 0.1	0.19	0.064	0.03	< 0.02	0.16	< 0.02	0.02	0.46	43.4	2.0	4.50	0.7	3.23	0.8	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1												
WD13-004-027	3.50	3.4	< 0.1	0.17	0.055	0.02	< 0.02	0.20	0.02	< 0.02	0.44	43.4	1.9	4.13	0.6	2.98	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-028	3.72	3.4	< 0.1	0.18	0.067	0.03	< 0.02	0.14	< 0.02	< 0.02	0.41	43.1	1.9	4.20	0.6	3.02	0.8	0.3	0.9	0.2	0.9	0.2	0.5	< 0.1												
WD13-004-029	3.76	3.5	< 0.1	0.14	0.060	0.02	< 0.02	0.20	< 0.02	< 0.02	0.33	41.5	1.8	4.20	0.6	2.99	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1												
WD13-004-030	3.39	3.0	< 0.1	0.19	0.091	0.02	< 0.02	0.13	< 0.02	0.02	0.40	37.5	1.7	3.88	0.6	2.82	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1												
WD13-004-031	4.12	3.9	< 0.1	0.15	0.058	0.02	< 0.02	0.21	0.03	< 0.02	0.43	40.2	2.0	4.63	0.7	3.35	0.9	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1												
WD13-004-032	4.36	4.2	< 0.1	0.17	0.073	0.03	< 0.02	0.16	< 0.02	< 0.02	0.38	38.7	2.2	5.00	0.7	3.58	1.0	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1												
WD13-004-033	3.95	3.5	< 0.1	0.17	0.060	0.03	< 0.02	0.21	0.02	< 0.02	0.35	43.3	2.0	4.49	0.7	3.34	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-034	4.00	4.0	< 0.1	0.26	0.126	0.03	< 0.02	0.15	0.03	< 0.02	0.36	47.3	2.1	4.71	0.7	3.40	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1												
WD13-004-035	0.85	0.5	< 0.1	7.94	0.347	0.07	< 0.02	1.66	1.03	0.64	0.16	21.9	1.7	6.90	0.3	1.00	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1												

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	Hg	U	Sio2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	
WD13-004-001	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.64	< 0.1	0.4	< 10	5.59	0.14	0.11	0.056	21.78	29.34	< 0.01	< 0.01	0.02	0.02	< 0.003	42.36
WD13-004-002	0.7	< 0.1	0.1	< 0.05	0.2	0.002	227	0.07	4.17	0.9	0.3	20	59.87	16.28	6.62	0.102	4.75	6.80	2.47	0.75	0.45	0.10	0.015	1.75
WD13-004-003	1.0	0.1	0.2	< 0.05	0.5	0.001	< 5	0.08	3.23	1.6	0.4	< 10	66.63	13.11	6.41	0.111	2.50	4.24	3.20	1.13	0.62	0.14	0.015	1.31
WD13-004-004	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	8	0.02	0.94	0.3	< 0.1	< 10	50.94	5.88	10.82	0.233	14.91	15.03	0.76	0.31	0.46	0.04	0.054	0.51
WD13-004-005	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	6	0.02	1.52	0.4	< 0.1	< 10	50.38	6.91	10.59	0.226	14.63	14.80	0.83	0.41	0.41	0.04	0.063	1.02
WD13-004-006	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.29	0.4	< 0.1	< 10	50.80	6.36	10.76	0.235	15.12	15.00	0.83	0.32	0.42	0.03	0.058	0.74
WD13-004-007	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	6	0.02	1.23	0.4	0.1	< 10	51.22	6.32	10.91	0.235	14.24	15.00	0.83	0.38	0.44	0.04	0.060	0.64
WD13-004-008	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	7	0.03	1.36	0.4	0.1	< 10	50.51	7.19	10.49	0.231	14.63	14.78	0.87	0.41	0.40	0.04	0.054	0.63
WD13-004-009	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.03	0.81	0.3	< 0.1	< 10	50.67	7.98	10.31	0.222	14.42	14.63	0.86	0.44	0.38	0.03	0.051	0.42
WD13-004-010	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	7	0.03	0.94	0.4	0.1	< 10	49.81	6.42	10.79	0.245	15.13	14.91	0.88	0.35	0.42	0.04	0.061	0.56
WD13-004-011	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	5	0.03	0.87	0.5	0.1	< 10	49.45	6.67	10.72	0.225	15.14	14.91	0.81	0.33	0.42	0.03	0.056	0.86
WD13-004-012	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	10	0.02	0.94	0.4	< 0.1	< 10	50.40	6.21	10.79	0.241	14.89	15.19	0.77	0.31	0.43	0.03	0.052	0.24
WD13-004-013	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	9	0.03	0.90	0.4	0.1	< 10	50.92	6.30	10.50	0.226	14.65	14.62	0.81	0.40	0.42	0.03	0.062	0.39
WD13-004-014	0.4	< 0.1	< 0.1	< 0.05	26.9	< 0.001	9	0.04	0.99	0.3	< 0.1	< 10	51.94	7.44	9.70	0.209	13.54	13.96	0.83	0.44	0.37	0.03	0.054	0.65
WD13-004-015	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	10	0.03	0.89	0.4	< 0.1	< 10	50.77	6.44	10.53	0.228	14.93	14.93	0.79	0.38	0.41	0.03	0.062	0.23
WD13-004-016	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.09	0.4	< 0.1	< 10	51.20	6.29	10.61	0.227	14.69	15.07	0.76	0.40	0.40	0.03	0.059	0.44
WD13-004-017	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.06	1.63	0.4	< 0.1	< 10	51.11	8.68	9.61	0.205	13.41	14.07	0.88	0.74	0.36	0.03	0.050	1.14
WD13-004-018	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.03	1.79	0.4	0.1	< 10	50.23	6.10	10.34	0.220	14.47	14.98	0.82	0.31	0.40	0.03	0.057	1.64
WD13-004-019	0.5	< 0.1	0.2	< 0.05	0.3	< 0.001	< 5	< 0.02	1.75	0.4	0.1	< 10	50.54	6.45	10.11	0.222	14.49	14.38	0.76	0.30	0.39	0.03	0.055	1.71
WD13-004-020	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	607	0.03	5.40	0.2	0.1	20	45.42	21.89	6.80	0.087	8.57	12.44	1.19	0.10	0.11	0.01	0.007	2.47
WD13-004-021	0.6	< 0.1	0.2	< 0.05	18.8	< 0.001	7	0.02	1.46	0.4	0.1	< 10	50.42	6.84	10.18	0.219	14.44	14.42	0.77	0.35	0.39	0.03	0.054	1.80
WD13-004-022	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.96	0.4	0.1	< 10	51.05	6.76	10.50	0.226	14.76	14.69	0.83	0.46	0.41	0.04	0.057	0.44
WD13-004-023	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.90	0.4	< 0.1	< 10	51.07	6.79	10.47	0.225	14.82	14.68	0.78	0.42	0.40	0.03	0.054	0.56
WD13-004-024	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	5	0.03	0.90	0.4	0.1	< 10	50.53	6.63	10.54	0.231	14.70	14.85	0.77	0.39	0.40	0.03	0.052	0.67
WD13-004-025	0.4	< 0.1	0.1	< 0.05	1.7	< 0.001	5	0.03	0.92	0.4	0.1	< 10	51.59	6.41	10.60	0.230	14.45	14.81	0.81	0.40	0.39	0.04	0.055	0.68
WD13-004-026	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.16	0.4	0.1	< 10	49.92	7.20	10.62	0.239	14.87	14.78	0.83	0.38	0.40	0.03	0.052	0.63
WD13-004-027	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	7	0.03	1.02	0.4	0.1	< 10	51.01	6.94	10.80	0.223	14.86	14.89	0.82	0.35	0.40	0.03	0.063	0.26
WD13-004-028	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.03	1.24	0.3	< 0.1	< 10	50.42	6.63	10.81	0.231	14.88	14.99	0.80	0.34	0.40	0.03	0.059	0.35
WD13-004-029	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.78	0.3	< 0.1	< 10	50.46	6.94	10.91	0.228	14.87	15.07	0.80	0.30	0.41	0.02	0.057	0.26
WD13-004-030	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	0.91	0.3	< 0.1	< 10	50.48	6.93	10.84	0.230	14.64	14.92	0.84	0.36	0.39	0.03	0.054	0.50
WD13-004-031	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.47	0.4	< 0.1	< 10	51.12	6.54	10.87	0.232	14.57	14.87	0.79	0.30	0.41	0.03	0.055	0.67
WD13-004-032	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	15	0.03	1.18	0.4	0.1	< 10	50.32	6.75	10.85	0.237	14.67	14.82	0.84	0.37	0.42	0.03	0.061	1.18
WD13-004-033	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.93	0.4	< 0.1	< 10	50.55	6.69	11.05	0.231	14.83	14.94	0.81	0.31	0.42	0.03	0.054	0.42
WD13-004-034	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	10	0.03	0.93	0.4	0.1	< 10	50.43	7.12	10.88	0.229	14.79	15.03	0.82	0.29	0.41	0.03	0.056	0.43
WD13-004-035	0.1	< 0.1	< 0.1	< 0.05	0.3	0.003	1630	0.04	5.63	0.2	0.1	30	45.47	22.45	6.97	0.089	8.95	12.68	1.18	0.11	0.11	0.01	0.008	2.47

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Apr 1 2013 11:11AM	Mar 15 2013 4:58PM	Mar 28 2013 3:43PM	Mar 28 2013 3:43PM	Mar 28 2013 3:43PM
WD13-004-001	99.41	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.8	0.3
WD13-004-002	100.0	0.03	0.025	< 0.004	0.013	0.05	534	2020	441
WD13-004-003	99.43	< 0.01	0.006	< 0.004	0.004	0.03	3	1.4	1.1
WD13-004-004	100.1	0.08	0.072	0.007	0.008	0.04	9	92.6	67.2
WD13-004-005	100.4	0.08	0.050	0.004	0.004	0.03	3	109	72.9
WD13-004-006	100.8	0.08	0.036	0.007	0.006	0.04	3	122	83.7
WD13-004-007	100.5	0.10	0.094	0.006	0.004	0.03	7	83.3	55.4
WD13-004-008	100.4	0.11	0.097	< 0.004	0.005	0.03	8	74.9	46.6
WD13-004-009	100.6	0.08	0.065	< 0.004	0.005	0.03	12	78.2	51.7
WD13-004-010	100.0	0.10	0.271	0.010	0.008	0.03	8	89.2	58.5
WD13-004-011	99.73	0.07	0.038	0.006	0.006	0.03	8	89.0	61.7
WD13-004-012	99.71	0.08	0.069	0.005	0.007	0.04	11	87.4	60.8
WD13-004-013	99.43	0.07	0.017	< 0.004	0.006	0.04	12	87.3	63.1
WD13-004-014	99.23	0.02	0.033	< 0.004	0.008	0.03	11	89.2	58.6
WD13-004-015	99.83	0.06	0.020	0.007	0.014	0.04	13	93.2	66.0
WD13-004-016	100.3	0.07	0.039	0.005	< 0.004	0.03	9	85.8	66.6
WD13-004-017	100.5	0.08	0.072	0.005	0.011	0.05	11	75.9	58.8
WD13-004-018	99.90	0.14	0.150	0.008	0.007	0.08	6	69.9	50.7
WD13-004-019	99.53	0.06	0.019	0.007	0.006	0.07	5	76.6	48.3
WD13-004-020	99.26	0.08	0.064	< 0.004	0.020	0.10	1210	6040	1380
WD13-004-021	100.0	0.06	0.021	0.007	< 0.004	0.05	6	76.7	52.0
WD13-004-022	100.4	0.08	0.046	0.009	< 0.004	0.03	10	72.2	48.6
WD13-004-023	100.4	0.04	0.028	0.005	0.011	0.04	10	84.3	56.6
WD13-004-024	100.0	0.10	0.105	0.008	0.008	0.05	10	86.5	60.3
WD13-004-025	100.6	0.08	0.044	0.005	0.005	0.03	10	81.9	56.5
WD13-004-026	100.0	0.02	0.034	< 0.004	0.017	0.04	10	78.6	51.6
WD13-004-027	100.7	0.06	0.024	0.006	< 0.004	0.03	12	82.4	56.8
WD13-004-028	100.0	0.06	0.028	0.004	0.006	0.03	11	96.1	69.8
WD13-004-029	100.4	0.08	0.035	0.006	0.005	0.04	11	91.5	67.0
WD13-004-030	100.3	0.07	0.035	0.007	0.006	0.04	14	87.5	62.2
WD13-004-031	100.6	0.02	0.048	< 0.004	0.029	0.04	10	82.5	61.1
WD13-004-032	100.6	0.06	0.017	0.004	0.006	0.04	9	85.5	61.6
WD13-004-033	100.6	0.12	0.100	0.007	0.008	0.04	9	78.9	56.2
WD13-004-034	100.7	0.08	0.073	0.004	0.007	0.04	10	85.6	62.4
WD13-004-035	100.7	0.08	0.070	< 0.004	0.018	0.10	1260	6310	1370

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-008

Replicate Original

WD13-004-008 LABDUP

WD13-004-011

Replicate Original

WD13-004-011 LABDUP

WD13-004-018

Replicate Original

WD13-004-018 LABDUP

WD13-004-021

Replicate Original

WD13-004-021 LABDUP

WD13-004-023

Replicate Original

WD13-004-023 LABDUP

WD13-004-028

Replicate Original

WD13-004-028 LABDUP

WD13-004-030 Split

Original

WD13-004-030

LABPREP

WD13-004-032

Replicate Original

WD13-004-032 LABDUP

5.2	0.1	8	0.250	1.86	1.73	0.15	< 0.02	2.52	15.1	87	162	327	1.96	15.8	70.1	54.6	14.4	3.14	< 0.1	0.4	0.1	5.4	63.5
5.4	0.1	10	0.267	1.98	1.79	0.15	< 0.02	2.53	15.5	93	179	342	1.99	15.8	70.9	55.5	15.3	3.30	< 0.1	0.7	0.1	5.4	64.7
4.7	0.1	8	0.308	1.73	2.03	0.12	0.02	2.48	13.3	80	151	313	1.80	14.2	67.4	69.1	14.3	3.56	< 0.1	0.3	0.2	4.2	82.3
5.0	0.2	8	0.320	1.78	2.09	0.13	0.03	2.65	14.4	85	160	328	1.88	15.1	71.0	72.9	15.4	3.77	< 0.1	0.4	0.2	4.6	86.7

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

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WD13-004-008 Replicate Original																										
WD13-004-008 LABDUP																										
WD13-004-011 Replicate Original																										
WD13-004-011 LABDUP																										
WD13-004-018 Replicate Original																										
WD13-004-018 LABDUP																										
WD13-004-021 Replicate Original																										
WD13-004-021 LABDUP																										
WD13-004-023 Replicate Original	3.57	3.7	< 0.1	0.20	0.125	0.02	< 0.02	0.26	0.02	< 0.02	0.49	44.8	1.8	4.05	0.6	2.82	0.7	0.2	0.8	0.1	0.9	0.2	0.5	< 0.1		
WD13-004-023 LABDUP	3.74	3.8	< 0.1	0.22	0.070	0.03	< 0.02	0.23	0.03	< 0.02	0.49	45.2	1.9	4.25	0.6	3.00	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1		
WD13-004-028 Replicate Original																										
WD13-004-028 LABDUP																										
WD13-004-030 Split Original	3.39	3.0	< 0.1	0.19	0.091	0.02	< 0.02	0.13	< 0.02	0.02	0.40	37.5	1.7	3.88	0.6	2.82	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1		
WD13-004-030 LABPREP	3.59	3.4	< 0.1	0.21	0.090	0.03	< 0.02	0.14	< 0.02	0.03	0.41	38.8	1.8	4.06	0.6	2.93	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1		
WD13-004-032 Replicate Original																										
WD13-004-032 LABDUP																										

Activation Laboratories Ltd. Report: A13-02539

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21	2013-04- 01 11:11:21

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.36	2.27			28.04							
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-008 Replicate Original																									
WD13-004-008 LABDUP																									
WD13-004-011 Replicate Original																									
WD13-004-011 LABDUP																									
WD13-004-018 Replicate Original																									
WD13-004-018 LABDUP																									
WD13-004-021 Replicate Original																									
WD13-004-021 LABDUP																									
WD13-004-023 Replicate Original	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	6	0.03	0.80	0.4	< 0.1	< 10	51.51	6.43	10.46	0.222	14.70	14.62	0.77	0.42	0.40	0.03	0.056	0.56	
WD13-004-023 LABDUP	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	6	0.03	1.00	0.4	0.1	< 10	50.64	7.15	10.48	0.228	14.93	14.75	0.80	0.42	0.40	0.03	0.051	0.56	
WD13-004-028 Replicate Original																									
WD13-004-028 LABDUP																									
WD13-004-030 Split Original	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	0.91	0.3	< 0.1	< 10	50.48	6.93	10.84	0.230	14.64	14.92	0.84	0.36	0.39	0.03	0.054	0.50	
WD13-004-030 LABPREP	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	17	0.03	0.91	0.3	< 0.1	< 10	50.38	6.95	10.93	0.228	14.69	14.99	0.88	0.36	0.41	0.03	0.056	0.46	
WD13-004-032 Replicate Original																									
WD13-004-032 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 11:11:21	2013-04-01 11:11:21	2013-04-01 11:11:21	2013-04-01 11:11:21	2013-04-01 11:11:21	2013-03-15 16:58:35	2013-03-28 15:43:57	2013-03-28 15:43:57	2013-03-28 15:43:57

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.059	0.124				
CDN-PGMS-22 LABSTD							1220	6200	1340
CDN-PGMS-22 LABSTD							1190	5980	1370
CDN-PGMS-23 LABSTD							526	2020	458
CDN-PGMS-23 LABSTD							478	1990	434
WD13-004-008 Replicate Original						0.03			
WD13-004-008 LABDUP						0.03			
WD13-004-011 Replicate Original							8	89.0	60.7
WD13-004-011 LABDUP							8	89.1	62.8
WD13-004-018 Replicate Original						0.08			
WD13-004-018 LABDUP						0.08			
WD13-004-021 Replicate Original							7	77.8	53.1
WD13-004-021 LABDUP							5	75.6	50.9
WD13-004-023 Replicate Original	100.3	0.06	0.021	0.006	0.005				
WD13-004-023 LABDUP	100.5	0.01	0.036	0.004	0.018				
WD13-004-028 Replicate Original						0.04			
WD13-004-028 LABDUP						0.03			
WD13-004-030 Split Original	100.3	0.07	0.035	0.007	0.006	0.04	14	87.5	62.2
WD13-004-030 LABPREP	100.4	0.02	0.034	0.007	0.006	0.04	14	87.4	61.6
WD13-004-032 Replicate Original							9	88.2	63.3
WD13-004-032 LABDUP							8	82.7	60.0



Date Submitted: 09-Mar-13
Invoice No.: A13-02621
Invoice Date: 16-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02621**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and flourishes.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02621 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay		
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-176	4.6	< 0.1	30	0.020	> 10.0	0.04	0.01	< 0.02	22.8	0.2	3	3.7	439	0.08	0.5	4.0	0.80	13.5	< 0.02	< 0.1	0.3	0.2	0.5	166		
WD13-004-177	10.2	0.2	15	0.483	1.80	> 10.0	0.15	0.11	3.61	6.2	63	94.8	531	4.07	18.0	202	89.5	40.9	7.82	< 0.1	4.4	0.6	4.3	67.2		
WD13-004-178	12.5	0.3	12	0.195	0.92	2.55	0.21	0.08	1.50	7.5	81	46.1	570	3.94	10.3	35.0	43.6	45.3	5.95	< 0.1	4.6	0.4	6.0	68.6		
WD13-004-179	6.8	0.2	10	1.07	1.19	> 10.0	0.20	< 0.02	4.15	10.1	88	170	259	2.09	14.2	51.6	18.3	15.4	7.10	< 0.1	0.3	0.2	5.2	223		
WD13-004-180	7.3	0.2	15	1.22	1.22	> 10.0	0.20	< 0.02	4.41	10.8	91	176	252	2.01	14.5	53.8	21.8	16.4	8.15	< 0.1	0.3	0.1	5.4	240		
WD13-004-181	13.2	0.3	17	0.919	1.82	5.13	0.17	< 0.02	3.79	11.3	97	183	389	2.79	18.4	58.5	17.1	23.5	8.18	< 0.1	0.3	0.1	5.9	197		
WD13-004-182	16.2	0.2	15	0.549	1.69	4.17	0.16	0.13	3.20	9.4	84	144	402	2.72	19.9	56.4	21.3	20.1	6.72	< 0.1	0.3	0.2	5.7	131		
WD13-004-183	24.0	0.2	13	0.390	1.48	3.91	0.15	1.08	3.34	8.4	73	133	390	2.74	22.3	61.3	24.0	24.6	6.12	< 0.1	0.3	< 0.1	5.6	108		
WD13-004-184	22.5	0.2	18	0.499	1.58	3.81	0.15	1.28	3.47	9.6	79	137	387	2.56	18.2	55.2	14.2	28.0	6.66	< 0.1	< 0.1	0.3	6.1	139		
WD13-004-185	21.8	0.2	17	0.527	1.81	3.96	0.13	0.53	2.95	9.4	84	161	423	2.83	23.2	61.5	28.0	33.6	6.87	< 0.1	0.4	< 0.1	5.2	118		
WD13-004-186	21.0	0.3	16	0.459	1.76	3.92	0.16	0.31	3.09	10.0	89	162	406	2.90	22.9	59.8	23.4	22.0	6.75	< 0.1	0.4	< 0.1	6.9	125		
WD13-004-187	14.9	0.2	15	0.509	1.69	3.55	0.15	2.93	3.05	10.4	88	162	402	2.70	20.2	55.2	17.9	21.6	6.31	< 0.1	0.4	0.2	5.6	115		
WD13-004-188	20.1	0.2	15	0.509	1.77	4.15	0.15	0.17	3.25	9.9	86	159	421	2.81	19.7	57.5	20.7	22.5	7.03	< 0.1	0.4	< 0.1	6.1	132		
WD13-004-189	15.2	0.2	12	0.662	1.61	4.30	0.12	0.04	3.14	8.5	67	132	392	2.58	17.2	50.0	18.1	19.4	6.73	< 0.1	0.3	0.2	4.1	153		
WD13-004-190	17.1	0.2	10	0.680	2.14	> 10.0	0.15	0.03	3.61	10.1	75	179	476	3.31	22.5	66.1	17.3	24.7	7.32	< 0.1	0.4	0.1	5.0	164		
WD13-004-191	15.2	0.2	12	0.724	1.55	4.56	0.12	0.03	3.84	9.6	68	144	381	2.59	18.1	55.4	14.2	20.0	6.94	< 0.1	0.3	0.1	3.5	179		
WD13-004-192	11.6	0.2	15	1.02	1.64	5.08	0.13	0.05	4.02	11.5	82	170	344	2.40	16.9	54.0	17.0	19.8	7.97	< 0.1	0.4	0.1	3.9	235		
WD13-004-193	12.7	0.2	14	0.846	1.87	4.95	0.15	0.04	3.43	11.0	83	176	426	2.67	17.6	53.1	12.3	22.1	7.50	< 0.1	0.3	< 0.1	4.5	244		
WD13-004-194	24.1	0.2	13	0.419	1.61	4.02	0.13	0.03	3.33	8.6	70	148	424	2.63	17.7	51.6	11.6	26.2	6.35	< 0.1	0.2	0.2	4.5	122		
WD13-004-195	3.0	< 0.1	9	0.941	2.71	> 10.0	0.05	0.12	8.62	3.2	22	177	354	3.87	31.3	55.1	20.1	23.6	10.4	< 0.1	2.4	0.8	1.4	90.6		
WD13-004-196	22.8	0.3	18	0.520	1.88	4.52	0.13	0.11	3.85	10.2	95	191	450	2.73	19.0	57.1	16.4	80.2	8.21	< 0.1	0.3	0.2	4.4	192		
WD13-004-197	14.3	0.3	14	0.405	1.61	3.24	0.12	0.11	3.22	10.1	84	172	367	2.24	17.5	50.2	21.0	20.0	6.13	< 0.1	0.3	< 0.1	4.4	131		
WD13-004-198	17.3	0.2	19	0.815	2.01	4.72	0.15	0.10	3.91	12.4	91	190	463	2.77	19.3	59.8	16.1	23.4	7.82	< 0.1	0.3	0.2	4.9	182		
WD13-004-199	15.3	0.2	18	0.827	1.76	4.74	0.13	< 0.02	3.63	10.2	73	153	398	2.53	16.2	50.1	15.8	20.3	7.61	< 0.1	0.3	0.1	4.1	187		
WD13-004-200	14.8	0.2	17	0.770	1.87	4.67	0.14	< 0.02	3.43	9.1	71	169	407	2.61	16.3	50.2	17.1	21.1	7.37	< 0.1	0.3	0.1	5.0	170		
WD13-004-201	18.4	0.2	14	0.822	2.28	5.01	0.17	0.02	3.52	11.2	84	224	447	2.98	19.5	60.4	14.6	35.9	7.66	< 0.1	0.4	< 0.1	5.5	173		
WD13-004-202	18.4	0.2	11	0.621	1.74	4.10	0.16	< 0.02	3.49	11.1	79	194	410	2.68	17.4	54.2	15.7	22.4	6.30	< 0.1	0.2	< 0.1	4.1	151		
WD13-004-203	19.3	0.2	19	0.519	1.86	3.51	0.17	0.07	3.83	13.6	103	210	434	2.58	18.4	60.5	15.0	22.1	6.44	< 0.1	0.2	0.1	5.5	126		
WD13-004-204	14.3	0.2	19	0.576	1.55	3.83	0.13	0.06	3.10	9.4	75	148	364	2.05	13.6	42.3	9.76	17.6	6.26	< 0.1	0.2	< 0.1	4.1	133		
WD13-004-205	13.8	0.2	14	0.580	1.92	4.29	0.17	0.04	3.93	12.9	88	199	459	2.67	17.7	55.1	12.3	19.9	6.57	< 0.1	0.2	0.1	4.9	136		
WD13-004-206	12.4	0.2	14	0.736	1.45	4.06	0.14	0.02	3.89	11.4	77	162	341	2.18	15.4	51.4	15.2	17.1	6.55	< 0.1	< 0.1	< 0.1	3.5	172		
WD13-004-207	9.0	0.2	10	0.843	1.37	4.93	0.16	< 0.02	3.93	10.0	69	189	277	2.04	14.0	52.2	16.6	15.3	6.81	< 0.1	0.4	< 0.1	4.7	203		
WD13-004-208	7.8	0.2	9	0.868	1.33	> 10.0	0.18	< 0.02	4.02	9.4	67	179	265	1.95	13.6	50.4	18.6	14.8	7.00	< 0.1	0.2	< 0.1	5.2	211		
WD13-004-209	8.2	0.2	9	0.914	1.38	> 10.0	0.17	< 0.02	4.17	10.4	70	191	270	2.03	14.3	52.8	18.7	15.0	7.20	< 0.1	0.4	0.1	5.1	220		
WD13-004-210	2.9	< 0.1	6	0.842	2.65	> 10.0	0.06	0.11	8.77	3.1	20	169	354	3.96	32.0	544	195	22.7	10.3	< 0.1	2.5	0.8	1.4	89.0		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI			
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	
WD13-004-176	< 0.1	< 0.1	< 0.1	0.38	< 0.1	< 0.001	5	0.04	1.55	< 0.1	0.4	20	7.01	0.18	0.08	0.050	22.34	28.95	< 0.01	< 0.01	0.01	0.01	< 0.003	40.71		
WD13-004-177	0.8	0.1	0.2	< 0.05	0.2	0.003	295	0.06	9.41	1.0	0.3	20	60.44	16.02	6.75	0.094	4.66	6.94	2.61	0.76	0.47	0.08	0.020	1.81		
WD13-004-178	1.0	0.1	0.2	< 0.05	0.5	0.002	< 5	0.07	2.95	1.6	0.5	< 10	66.58	13.64	6.51	0.117	2.43	4.30	3.32	1.13	0.64	0.15	0.023	1.37		
WD13-004-179	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.96	0.3	< 0.1	< 10	50.12	13.73	10.64	0.191	10.12	11.81	2.17	0.39	0.38	0.03	0.047	0.36		
WD13-004-180	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.17	0.3	< 0.1	< 10	50.68	14.04	10.47	0.184	10.14	12.02	1.88	0.36	0.38	0.03	0.041	0.34		
WD13-004-181	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.47	0.4	< 0.1	< 10	49.83	13.78	10.32	0.179	10.17	11.73	1.88	0.52	0.34	0.05	0.035	1.35		
WD13-004-182	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.42	0.3	< 0.1	< 10	49.51	13.57	10.16	0.191	10.35	11.57	1.87	0.62	0.34	0.02	0.042	2.01		
WD13-004-183	0.5	< 0.1	0.1	< 0.05	0.1	0.001	< 5	0.06	10.4	0.3	< 0.1	< 10	50.06	13.20	10.02	0.183	10.17	11.34	1.88	0.66	0.33	0.03	0.043	2.27		
WD13-004-184	0.5	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	2.44	0.3	< 0.1	< 10	50.07	13.20	10.20	0.191	10.30	11.40	1.91	0.62	0.36	0.03	0.043	2.12		
WD13-004-185	0.5	< 0.1	0.1	< 0.05	0.3	0.003	< 5	0.06	5.40	0.3	0.1	< 10	49.64	13.10	9.82	0.183	10.13	11.06	1.92	0.62	0.33	0.03	0.039	2.22		
WD13-004-186	0.6	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.07	1.45	0.4	< 0.1	< 10	50.00	13.19	9.99	0.178	10.02	11.41	1.86	0.65	0.33	0.03	0.033	2.27		
WD13-004-187	0.6	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.06	1.94	0.4	< 0.1	< 10	50.09	12.82	10.19	0.181	10.34	11.41	1.89	0.63	0.34	0.03	0.038	1.88		
WD13-004-188	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.10	1.30	0.4	< 0.1	< 10	50.24	12.85	10.04	0.189	10.38	11.52	1.77	0.57	0.35	0.03	0.038	2.07		
WD13-004-189	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.03	0.3	< 0.1	< 10	50.43	13.33	9.98	0.189	10.25	11.59	1.85	0.49	0.34	0.03	0.039	1.75		
WD13-004-190	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.05	0.92	0.3	< 0.1	< 10	49.62	13.77	9.63	0.180	9.96	11.49	1.85	0.52	0.33	0.04	0.039	2.17		
WD13-004-191	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.94	0.3	< 0.1	< 10	49.75	12.97	9.83	0.180	10.18	11.53	1.71	0.39	0.33	0.04	0.039	1.77		
WD13-004-192	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.08	1.32	0.3	< 0.1	< 10	50.33	13.85	9.67	0.179	10.09	11.75	1.83	0.35	0.33	0.02	0.036	1.33		
WD13-004-193	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.15	0.3	0.1	< 10	50.48	13.35	9.90	0.181	10.28	11.63	1.76	0.40	0.33	0.04	0.036	1.76		
WD13-004-194	0.5	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.07	7.45	0.3	0.1	< 10	49.91	13.16	9.59	0.183	10.12	11.06	1.92	0.61	0.33	0.04	0.039	2.36		
WD13-004-195	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	867	0.03	5.03	0.2	0.1	30	45.21	22.03	7.04	0.089	8.64	12.73	1.26	0.13	0.10	< 0.01	0.009	2.44		
WD13-004-196	0.6	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.10	17.9	0.4	0.2	< 10	49.81	13.33	9.77	0.178	10.27	11.96	1.90	0.53	0.35	0.04	0.041	2.31		
WD13-004-197	0.6	< 0.1	< 0.1	< 0.05	19.0	< 0.001	< 5	0.07	1.43	0.4	0.2	< 10	50.50	12.57	9.89	0.179	10.64	11.75	2.11	0.56	0.37	0.03	0.040	1.89		
WD13-004-198	0.6	< 0.1	< 0.1	< 0.05	0.9	< 0.001	< 5	0.07	1.52	0.3	0.1	< 10	49.94	13.46	9.69	0.189	10.37	11.97	1.88	0.48	0.33	0.03	0.041	1.87		
WD13-004-199	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	0.98	0.3	< 0.1	< 10	49.26	13.80	9.76	0.190	10.50	12.07	1.85	0.47	0.34	0.03	0.038	1.72		
WD13-004-200	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.19	0.3	< 0.1	< 10	49.77	13.85	9.70	0.189	10.36	11.75	1.88	0.60	0.34	0.03	0.040	1.90		
WD13-004-201	0.4	< 0.1	0.1	< 0.05	< 0.1	0.002	< 5	0.10	7.45	0.3	0.3	< 10	49.77	13.49	9.75	0.188	10.60	11.58	1.98	0.56	0.34	0.04	0.042	1.94		
WD13-004-202	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.05	2.37	0.3	0.2	< 10	49.55	12.30	10.31	0.204	11.25	11.93	1.69	0.44	0.37	0.03	0.039	1.77		
WD13-004-203	0.6	< 0.1	0.1	< 0.05	1.4	0.001	< 5	0.05	1.05	0.4	0.1	< 10	49.76	12.37	10.28	0.199	10.95	11.94	1.73	0.60	0.41	0.09	0.048	1.95		
WD13-004-204	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.04	1.34	0.3	0.1	< 10	49.91	13.40	9.64	0.190	10.26	11.85	1.95	0.62	0.37	0.04	0.044	1.73		
WD13-004-205	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	1.05	0.3	< 0.1	< 10	49.85	12.92	9.82	0.182	10.79	11.81	1.82	0.58	0.38	0.03	0.043	1.83		
WD13-004-206	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	1.06	0.3	< 0.1	< 10	50.41	12.75	9.82	0.188	10.61	12.38	1.70	0.42	0.39	0.04	0.044	1.29		
WD13-004-207	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.01	0.3	< 0.1	< 10	50.56	12.77	10.00	0.185	10.71	12.43	1.64	0.39	0.38	0.04	0.036	0.61		
WD13-004-208	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	0.99	0.2	< 0.1	< 10	50.40	12.86	9.87	0.179	10.49	12.26	1.67	0.40	0.37	0.05	0.041	0.54		
WD13-004-209	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	1.24	0.2	< 0.1	< 10	50.38	12.92	9.88	0.178	10.57	12.33	1.65	0.36	0.37	0.04	0.039	0.46		
WD13-004-210	0.1	< 0.1	< 0.1	< 0.05	0.2	0.004	1080	0.03	5.03	0.2	< 0.1	40	45.01	22.20	7.01	0.090	8.61	12.75	1.25	0.10	0.10	0.02	0.013	2.60		

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 28 2013 10:39AM	Mar 19 2013 1:17PM	Mar 28 2013 3:45PM	Mar 28 2013 3:45PM	Mar 28 2013 3:45PM
WD13-004-176	99.33	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.4	0.5
WD13-004-177	100.7	0.03	0.028	< 0.004	0.008	0.05	491	1990	462
WD13-004-178	100.2	< 0.01	0.005	< 0.004	< 0.004	0.03	1	0.9	0.6
WD13-004-179	100.1	0.05	0.022	0.006	< 0.004	< 0.01	< 1	3.5	2.3
WD13-004-180	100.7	0.05	0.024	0.009	< 0.004	< 0.01	1	3.4	2.9
WD13-004-181	100.3	0.05	0.020	0.006	< 0.004	< 0.01	< 1	2.8	1.6
WD13-004-182	100.3	0.05	0.038	0.005	< 0.004	0.06	< 1	7.7	2.9
WD13-004-183	100.3	0.05	0.014	0.007	0.004	0.13	< 1	3.4	1.9
WD13-004-184	100.5	0.05	0.019	0.006	< 0.004	< 0.01	< 1	4.1	2.3
WD13-004-185	99.16	0.05	0.013	0.009	0.004	0.22	< 1	3.4	2.4
WD13-004-186	100.0	0.05	0.011	0.004	< 0.004	0.29	< 1	3.6	2.2
WD13-004-187	99.92	0.05	0.012	0.008	< 0.004	0.18	< 1	3.2	1.9
WD13-004-188	100.1	0.05	0.009	0.007	< 0.004	0.03	1	3.3	1.9
WD13-004-189	100.3	0.05	0.014	0.005	< 0.004	< 0.01	< 1	4.0	2.1
WD13-004-190	99.66	0.05	0.013	< 0.004	< 0.004	0.01	< 1	4.7	2.3
WD13-004-191	98.79	0.05	0.013	0.007	< 0.004	< 0.01	< 1	3.5	1.8
WD13-004-192	99.84	0.05	0.013	0.008	< 0.004	0.03	< 1	2.8	1.6
WD13-004-193	100.2	0.05	0.012	0.005	< 0.004	< 0.01	7	3.7	3.0
WD13-004-194	99.40	0.05	0.013	0.006	< 0.004	< 0.01	< 1	4.1	2.2
WD13-004-195	99.89	0.12	0.068	0.004	0.018	0.09	1250	6160	1420
WD13-004-196	100.6	0.08	0.053	0.008	< 0.004	0.03	< 1	3.4	1.9
WD13-004-197	100.6	0.08	0.038	< 0.004	< 0.004	0.04	< 1	2.9	1.6
WD13-004-198	100.3	0.06	0.019	0.008	< 0.004	0.03	< 1	2.8	1.6
WD13-004-199	100.1	0.06	0.019	< 0.004	< 0.004	< 0.01	< 1	2.4	1.5
WD13-004-200	100.5	0.05	0.032	0.005	< 0.004	< 0.01	< 1	3.6	1.5
WD13-004-201	100.4	0.08	0.061	0.010	0.004	0.01	< 1	2.9	1.9
WD13-004-202	99.99	0.08	0.024	0.005	< 0.004	< 0.01	< 1	2.5	1.7
WD13-004-203	100.4	0.07	0.024	0.008	< 0.004	0.03	< 1	3.9	2.3
WD13-004-204	100.2	0.08	0.063	< 0.004	< 0.004	0.01	< 1	3.2	1.8
WD13-004-205	100.1	0.06	0.016	0.008	< 0.004	< 0.01	< 1	9.2	2.1
WD13-004-206	100.1	0.07	0.014	0.005	< 0.004	< 0.01	< 1	3.3	1.6
WD13-004-207	99.83	0.07	0.012	0.006	< 0.004	< 0.01	< 1	3.0	2.0
WD13-004-208	99.22	0.07	0.013	0.007	< 0.004	< 0.01	< 1	3.3	1.7
WD13-004-209	99.26	0.07	0.012	0.004	< 0.004	< 0.01	< 1	3.2	1.8
WD13-004-210	99.92	0.08	0.065	< 0.004	0.018	0.10	1250	6250	1380

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD
 AN-G LABSTD
 LKSD-4 LABSTD
 LKSD-4 LABSTD
 LKSD-4 LABSTD
 LKSD-4 LABSTD
 LKSD-4 LABSTD
 BE-N LABSTD
 AC-E LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 CDN-PGMS-22 LABSTD
 CDN-PGMS-22 LABSTD
 CDN-PGMS-23 LABSTD
 CDN-PGMS-23 LABSTD
 WD13-004-185
 Replicate Original
 WD13-004-185 LABDUP
 WD13-004-186
 Replicate Original
 WD13-004-186 LABDUP
 WD13-004-188
 Replicate Original
 WD13-004-188 LABDUP
 WD13-004-195
 Replicate Original
 WD13-004-195 LABDUP
 WD13-004-196
 Replicate Original
 WD13-004-196 LABDUP
 WD13-004-199
 Replicate Original
 WD13-004-199 LABDUP
 WD13-004-202
 Replicate Original
 WD13-004-202 LABDUP
 WD13-004-205
 Replicate Original
 WD13-004-205 Split
 Original
 WD13-004-205 LABDUP
 WD13-004-205
 LABPREP
 WD13-004-207
 Replicate Original
 WD13-004-207 LABDUP

20.1	0.2	15	0.504	1.75	4.05	0.15	0.17	3.22	9.9	86	157	412	2.75	19.5	57.2	20.4	22.5	6.89	< 0.1	0.3	< 0.1	6.0	130
20.0	0.3	14	0.514	1.79	4.24	0.16	0.17	3.28	9.9	87	161	430	2.87	20.0	57.9	20.9	22.5	7.16	< 0.1	0.5	0.2	6.1	133
17.5	0.2	10	0.629	1.83	4.25	0.16	< 0.02	3.40	10.7	77	196	419	2.70	17.4	53.4	15.7	22.4	6.38	< 0.1	0.3	< 0.1	4.1	149
19.3	0.2	11	0.613	1.65	3.94	0.16	< 0.02	3.58	11.4	80	192	401	2.66	17.4	55.0	15.7	22.4	6.22	< 0.1	0.2	0.1	4.2	153
13.8	0.2	14	0.580	1.92	4.29	0.17	0.04	3.93	12.9	88	199	459	2.67	17.7	55.1	12.3	19.9	6.57	< 0.1	0.2	0.1	4.9	136
14.6	0.2	15	0.543	1.67	3.64	0.17	0.04	4.05	13.6	92	195	421	2.56	17.7	56.3	13.3	20.6	6.54	< 0.1	< 0.1	0.2	5.0	143

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-185																									
Replicate Original																									
WD13-004-185 LABDUP																									
WD13-004-186																									
Replicate Original																									
WD13-004-186 LABDUP																									
WD13-004-188	4.08	2.5	< 0.1	0.17	0.044	0.03	< 0.02	0.13	0.04	< 0.02	1.87	46.3	2.7	5.69	0.9	4.09	1.0	0.4	1.1	0.2	1.0	0.2	0.6	< 0.1	
Replicate Original																									
WD13-004-188 LABDUP	4.18	3.0	< 0.1	0.19	0.042	0.04	< 0.02	0.15	0.04	< 0.02	1.94	48.4	2.7	5.85	0.9	4.15	1.0	0.4	1.1	0.2	1.0	0.2	0.6	< 0.1	
WD13-004-195																									
Replicate Original																									
WD13-004-195 LABDUP																									
WD13-004-196																									
Replicate Original																									
WD13-004-196 LABDUP																									
WD13-004-199																									
Replicate Original																									
WD13-004-199 LABDUP																									
WD13-004-202	3.81	3.0	< 0.1	0.26	0.022	0.03	< 0.02	0.12	0.03	< 0.02	1.54	44.5	2.6	5.18	0.8	3.57	0.9	0.4	1.0	0.2	0.9	0.2	0.5	< 0.1	
Replicate Original																									
WD13-004-202 LABDUP	3.88	3.1	< 0.1	0.26	0.024	0.03	< 0.02	0.11	0.03	< 0.02	1.58	45.3	2.7	5.36	0.8	3.64	0.9	0.3	1.0	0.2	1.0	0.2	0.5	< 0.1	
WD13-004-205																									
Replicate Original																									
WD13-004-205 Split Original	4.49	2.3	< 0.1	0.38	0.012	0.03	< 0.02	0.14	0.03	< 0.02	1.01	48.8	2.9	6.11	0.9	4.22	1.0	0.4	1.2	0.2	1.1	0.2	0.6	< 0.1	
WD13-004-205 LABDUP																									
WD13-004-205 LABPREP	4.66	2.4	< 0.1	0.36	0.046	0.03	< 0.02	0.15	0.03	< 0.02	0.99	48.4	3.0	6.33	0.9	4.15	1.0	0.4	1.1	0.2	1.1	0.2	0.6	< 0.1	
WD13-004-207																									
Replicate Original																									
WD13-004-207 LABDUP																									

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19	2013-03- 28 10:39:19

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-185																									
Replicate Original																									
WD13-004-185 LABDUP																									
WD13-004-186																									
Replicate Original																									
WD13-004-186 LABDUP																									
WD13-004-188	0.6	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.10	1.34	0.4	< 0.1	< 10													
Replicate Original																									
WD13-004-188 LABDUP	0.6	< 0.1	0.1	< 0.05	0.3	0.001	< 5	0.10	1.27	0.4	< 0.1	< 10													
WD13-004-195																									
Replicate Original																									
WD13-004-195 LABDUP														49.15	13.84	9.80	0.188	10.56	12.09	1.88	0.46	0.34	0.03	0.040	1.74
Replicate Original														49.37	13.75	9.72	0.193	10.43	12.04	1.81	0.47	0.34	0.03	0.035	1.70
WD13-004-199 LABDUP																									
WD13-004-202	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.05	2.37	0.3	0.2	< 10													
Replicate Original																									
WD13-004-202 LABDUP	0.5	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.05	2.37	0.3	0.2	< 10													
WD13-004-205																									
Replicate Original																									
WD13-004-205 Split Original	0.6	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	1.05	0.3	< 0.1	< 10	49.85	12.92	9.82	0.182	10.79	11.81	1.82	0.58	0.38	0.03	0.043	1.83	
Replicate Original																									
WD13-004-205 LABDUP																									
WD13-004-205 LABPREP	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.10	0.3	< 0.1	< 10	49.64	12.77	9.77	0.179	10.81	11.87	1.76	0.56	0.36	0.03	0.042	1.79	
Replicate Original																									
WD13-004-207																									
Replicate Original																									
WD13-004-207 LABDUP																									

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-28 10:39:19	2013-03-28 10:39:19	2013-03-28 10:39:19	2013-03-28 10:39:19	2013-03-28 10:39:19	2013-03-19 13:17:34	2013-03-28 15:45:53	2013-03-28 15:45:53	2013-03-28 15:45:53

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						1.04			
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						1.03			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.7			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						13.5			
BaSO4 LABSTD						13.7			
CDN-PGMS-22 LABSTD							1300	6470	1400
CDN-PGMS-22 LABSTD							1200	5940	1380
CDN-PGMS-23 LABSTD							548	2130	467
CDN-PGMS-23 LABSTD							525	1970	480
WD13-004-185 Replicate Original						0.22			
WD13-004-185 LABDUP						0.22			
WD13-004-186 Replicate Original							< 1	3.5	2.2
WD13-004-186 LABDUP							< 1	3.7	2.3
WD13-004-188 Replicate Original									
WD13-004-188 LABDUP						0.09			
WD13-004-195 Replicate Original									
WD13-004-195 LABDUP						0.09			
WD13-004-196 Replicate Original							< 1	3.6	2.0
WD13-004-196 LABDUP							< 1	3.2	1.9
WD13-004-199 Replicate Original	100.2	0.07	0.018	< 0.004	< 0.004				
WD13-004-199 LABDUP	99.97	0.05	0.020	0.004	< 0.004				
WD13-004-202 Replicate Original									
WD13-004-202 LABDUP									
WD13-004-205 Replicate Original							< 0.01		
WD13-004-205 Split Original	100.1	0.06	0.016	0.008	< 0.004	< 0.01			
WD13-004-205 LABDUP						< 0.01			
WD13-004-205 LABPREP	99.66	0.05	0.014	0.008	< 0.004	< 0.01			
WD13-004-207 Replicate Original							< 1	3.2	2.2
WD13-004-207 LABDUP							< 1	2.8	1.7



Date Submitted: 09-Mar-13
Invoice No.: A13-02622
Invoice Date: 03-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02622**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02622

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM		
WD13-004-106	4.7	< 0.1	29	0.015	> 10.0	0.03	0.01	0.03	19.6	< 0.1	2	< 0.5	490	0.08	0.4	4.6	1.60	13.3	< 0.02	< 0.1	0.5	< 0.1	0.6	148	
WD13-004-107	11.2	0.3	9	0.382	1.58	5.26	0.13	0.10	3.20	5.6	55	77.4	514	3.72	16.3	188	90.2	41.4	7.25	< 0.1	4.3	0.4	4.4	69.2	
WD13-004-108	14.4	0.3	11	0.188	0.93	2.28	0.19	0.09	1.39	7.1	77	40.7	584	3.68	9.7	33.9	47.5	51.4	6.07	< 0.1	5.3	0.3	6.5	77.0	
WD13-004-109	32.3	0.4	24	0.765	1.60	> 10.0	0.36	0.09	4.12	4.4	44	19.7	372	2.65	23.2	101	138	27.9	9.14	< 0.1	0.4	0.2	15.0	239	
WD13-004-110	32.6	0.3	16	0.812	1.71	> 10.0	0.31	0.10	3.61	5.2	54	16.8	385	3.04	27.7	121	121	30.7	8.75	< 0.1	0.3	0.3	12.9	254	
WD13-004-111	28.8	0.3	19	0.555	1.51	4.98	0.24	0.08	3.56	3.9	45	13.6	339	2.56	24.8	85.6	93.7	28.7	7.88	< 0.1	0.5	0.3	8.9	172	
WD13-004-112	27.9	0.3	12	0.685	1.30	4.24	0.27	0.05	2.97	4.1	37	9.8	320	2.16	15.7	32.1	28.5	27.1	7.02	< 0.1	0.3	< 0.1	11.2	188	
WD13-004-113	13.0	0.2	10	0.319	0.60	1.49	0.12	0.05	1.39	1.9	22	12.3	191	1.25	6.9	13.7	23.0	18.7	4.46	< 0.1	0.5	0.1	4.6	67.2	
WD13-004-114	11.1	0.2	9	0.199	0.34	1.11	0.12	0.06	0.80	0.8	25	3.5	130	1.62	5.5	5.7	22.8	26.0	4.97	< 0.1	0.8	0.1	3.6	30.7	
WD13-004-115	12.8	< 0.1	7	0.228	0.50	1.13	0.19	0.05	0.68	1.3	32	7.6	135	2.14	9.8	8.3	59.3	39.9	4.51	< 0.1	0.2	0.2	4.7	26.0	
WD13-004-116	15.5	0.1	12	0.236	0.54	1.18	0.17	< 0.02	0.70	1.9	33	6.9	158	1.89	6.4	6.0	25.1	43.7	4.62	< 0.1	0.6	< 0.1	4.4	27.0	
WD13-004-117	26.3	0.2	14	0.248	0.84	1.42	0.16	0.02	0.70	2.5	34	9.9	210	2.02	7.2	12.2	19.3	50.4	5.36	< 0.1	0.3	< 0.1	4.8	30.0	
WD13-004-118	35.6	0.3	12	0.171	0.80	1.26	0.15	0.03	0.55	2.5	30	7.6	211	2.40	7.5	10.9	13.7	95.8	5.99	< 0.1	0.7	0.1	4.5	20.5	
WD13-004-119	41.9	0.4	13	0.197	1.03	1.46	0.21	0.04	2.55	2.5	34	11.0	281	2.52	12.3	18.7	14.3	228	6.67	< 0.1	0.6	0.5	6.2	31.0	
WD13-004-120	26.6	0.2	10	0.249	0.95	1.53	0.27	0.09	0.63	2.3	36	27.1	274	2.67	10.9	14.3	43.4	211	6.15	< 0.1	0.7	0.2	7.1	34.3	
WD13-004-121	32.0	0.2	12	0.325	1.39	2.18	0.17	0.11	1.30	7.5	77	37.2	367	3.72	22.4	42.0	84.3	118	8.19	< 0.1	0.8	0.5	4.7	42.5	
WD13-004-122	22.4	0.2	14	0.320	1.32	1.96	0.16	0.08	1.53	6.0	67	31.4	329	3.16	22.2	45.1	92.5	67.9	7.28	< 0.1	0.7	0.5	4.4	39.1	
WD13-004-123	10.2	< 0.1	7	0.056	2.20	0.78	0.06	0.06	1.53	5.8	38	450	335	2.81	36.3	183	164	99.2	3.20	< 0.1	0.7	0.7	2.2	9.0	
WD13-004-124	12.8	< 0.1	28	0.027	5.57	1.18	0.13	0.04	2.30	5.5	48	1080	640	5.24	63.2	392	36.1	303	3.33	< 0.1	0.8	0.3	6.4	15.8	
WD13-004-125	3.0	< 0.1	8	0.842	2.77	> 10.0	0.05	0.13	7.28	2.5	19	153	357	3.61	28.9	498	191	24.6	10.4	< 0.1	2.6	0.9	1.4	88.2	
WD13-004-126	16.3	< 0.1	66	0.033	> 10.0	0.83	0.09	0.02	1.06	6.7	45	797	913	7.23	93.0	760	22.4	50.1	1.97	< 0.1	0.4	0.2	3.9	11.2	
WD13-004-127	15.9	< 0.1	49	0.033	> 10.0	1.03	0.18	< 0.02	1.40	6.5	45	775	994	6.41	91.0	736	34.2	37.4	2.31	< 0.1	0.2	0.2	6.2	9.2	
WD13-004-128	11.0	< 0.1	51	0.015	> 10.0	0.72	0.06	< 0.02	0.92	8.4	45	919	943	8.03	99.0	1060	5.54	29.4	1.83	< 0.1	0.3	0.2	2.5	8.5	
WD13-004-129	11.3	< 0.1	49	0.013	> 10.0	0.72	0.04	0.02	0.60	9.1	46	1070	911	8.25	122	1170	24.3	29.4	1.87	0.1	0.4	0.2	1.5	7.1	
WD13-004-130	11.2	< 0.1	55	0.013	> 10.0	0.63	0.03	0.03	0.62	8.8	38	1020	950	7.89	133	1220	20.0	30.5	1.72	0.1	0.3	0.2	1.1	7.1	
WD13-004-131	10.7	< 0.1	46	0.009	> 10.0	0.49	0.02	0.02	0.89	7.1	37	849	921	8.78	115	1090	33.6	141	1.37	0.1	0.7	0.2	1.1	7.9	
WD13-004-132	87.3	0.8	18	0.441	5.38	4.05	0.12	0.05	4.41	13.3	110	423	950	4.72	35.1	180	13.7	249	8.12	< 0.1	0.7	0.3	4.2	116	
WD13-004-133	75.0	0.5	19	0.646	3.44	4.46	0.18	< 0.02	2.34	13.5	170	151	679	4.26	25.4	72.0	13.6	204	8.31	< 0.1	0.6	0.2	6.5	142	
WD13-004-134	34.0	0.3	19	0.471	1.67	3.78	0.20	0.08	2.62	7.4	81	68.8	404	2.59	15.5	44.4	12.9	50.8	6.25	< 0.1	0.2	< 0.1	7.5	116	
WD13-004-135	42.6	0.4	19	0.523	2.03	3.77	0.23	0.15	2.62	9.8	93	91.7	493	2.93	19.2	58.1	20.2	69.9	6.36	< 0.1	0.4	0.2	8.6	131	
WD13-004-136	26.1	0.3	18	0.593	1.40	4.22	0.22	0.04	3.03	6.9	80	78.9	361	2.34	14.5	41.7	10.1	41.5	7.17	< 0.1	0.4	0.2	7.8	166	
WD13-004-137	95.0	0.7	16	0.304	4.43	4.09	0.18	0.02	2.10	15.6	114	194	653	4.46	27.2	87.9	10.9	173	8.43	< 0.1	1.2	0.4	6.1	82.0	
WD13-004-138	50.6	0.4	17	0.338	2.31	3.58	0.22	0.02	2.52	9.0	71	106	440	2.86	17.7	56.5	9.57	43.5	6.13	< 0.1	0.5	0.4	8.0	89.9	
WD13-004-139	50.9	0.5	14	0.674	2.61	5.02	0.22	0.06	3.27	11.5	103	138	514	3.37	20.2	61.4	19.4	90.0	8.43	< 0.1	0.7	0.2	7.0	173	
WD13-004-140	2.8	< 0.1	7	0.808	2.76	> 10.0	0.05	0.14	7.27	2.5	19	156	357	3.58	28.6	488	188	23.6	10.3	< 0.1	2.7	0.6	1.4	88.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm				
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM		
WD13-004-106	0.38	0.5	< 0.1	0.06	0.073	0.05	< 0.02	< 0.05	0.06	< 0.02	0.30	30.1	0.7	0.87	0.1	0.37	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-107	6.83	4.2	< 0.1	9.04	0.180	0.11	0.02	1.71	0.82	0.22	0.39	91.2	5.3	13.7	1.5	6.36	1.5	0.4	1.6	0.3	1.6	0.3	0.9	0.1				
WD13-004-108	10.0	6.7	0.2	7.61	0.138	0.13	0.03	1.34	0.59	< 0.02	0.45	135	7.3	15.2	2.1	9.19	2.1	0.6	2.2	0.4	2.3	0.5	1.3	0.2				
WD13-004-109	1.18	0.7	< 0.1	0.70	0.125	0.04	< 0.02	0.13	< 0.02	0.02	2.84	141	2.3	3.89	0.4	1.76	0.3	0.3	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1				
WD13-004-110	1.44	0.9	< 0.1	3.05	0.093	0.03	< 0.02	0.18	0.02	0.03	2.47	103	2.6	4.77	0.6	2.23	0.4	0.3	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-111	1.27	1.0	< 0.1	1.35	0.097	0.02	< 0.02	0.11	< 0.02	< 0.02	1.40	96.9	2.6	4.50	0.5	2.13	0.4	0.3	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1				
WD13-004-112	1.51	1.2	< 0.1	3.29	0.070	0.02	< 0.02	0.23	0.02	< 0.02	2.00	88.6	5.2	9.26	1.0	3.69	0.6	0.3	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-113	2.50	2.5	0.3	3.92	0.075	0.02	< 0.02	0.40	0.02	< 0.02	0.68	54.8	16.9	31.5	3.4	11.8	1.7	0.6	1.1	0.1	0.7	0.1	0.3	< 0.1				
WD13-004-114	1.16	1.6	0.2	0.44	0.071	0.03	< 0.02	0.61	0.06	< 0.02	0.44	56.0	12.6	22.4	2.3	8.14	1.1	0.5	0.8	< 0.1	0.3	< 0.1	0.1	< 0.1				
WD13-004-115	1.19	2.7	0.1	0.32	0.093	0.01	< 0.02	0.17	< 0.02	< 0.02	0.81	78.9	15.3	26.8	2.7	8.99	1.2	0.4	0.9	< 0.1	0.4	< 0.1	0.1	< 0.1				
WD13-004-116	1.04	1.3	0.1	0.30	0.089	0.05	< 0.02	0.32	0.04	< 0.02	0.58	62.3	7.3	12.9	1.3	4.69	0.7	0.4	0.5	< 0.1	0.3	< 0.1	0.1	< 0.1				
WD13-004-117	1.15	1.6	< 0.1	0.34	0.091	0.08	< 0.02	0.17	< 0.02	< 0.02	0.81	66.2	6.6	11.5	1.2	4.34	0.7	0.4	0.5	< 0.1	0.3	< 0.1	0.1	< 0.1				
WD13-004-118	1.73	2.0	< 0.1	2.06	0.560	0.49	< 0.02	0.39	0.06	< 0.02	0.87	71.7	16.9	29.7	3.0	10.4	1.4	0.5	1.0	0.1	0.5	< 0.1	0.2	< 0.1				
WD13-004-119	2.33	1.6	< 0.1	2.61	3.18	0.79	0.02	0.25	0.11	< 0.02	1.11	86.2	15.9	27.6	2.8	9.56	1.3	0.6	1.0	0.1	0.6	< 0.1	0.3	< 0.1				
WD13-004-120	1.57	1.4	< 0.1	0.51	0.256	0.64	< 0.02	0.37	0.04	0.02	1.94	115	17.0	29.8	3.0	10.1	1.3	0.6	0.9	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-121	2.95	2.4	< 0.1	0.35	0.280	0.21	0.02	0.23	0.02	0.06	0.94	75.0	11.4	21.7	2.3	8.39	1.3	0.4	1.1	0.1	0.7	0.1	0.4	< 0.1				
WD13-004-122	4.14	3.0	< 0.1	0.18	0.167	0.07	0.02	0.22	0.03	0.02	0.72	60.4	8.5	18.9	2.3	9.11	1.7	0.4	1.3	0.2	1.0	0.2	0.5	< 0.1				
WD13-004-123	3.54	3.6	< 0.1	0.45	0.350	0.20	< 0.02	0.12	0.02	0.03	0.43	20.1	11.6	24.3	2.8	10.4	1.7	0.3	1.3	0.2	1.0	0.2	0.5	< 0.1				
WD13-004-124	1.67	1.5	< 0.1	0.38	0.636	0.43	< 0.02	0.16	0.03	< 0.02	1.91	56.5	6.7	13.0	1.4	4.80	0.7	0.1	0.6	< 0.1	0.5	< 0.1	0.2	< 0.1				
WD13-004-125	0.83	0.1	< 0.1	7.62	0.302	0.06	< 0.02	1.56	0.85	0.52	0.15	21.3	1.6	6.60	0.3	0.99	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1				
WD13-004-126	1.65	1.9	< 0.1	0.18	0.150	0.15	< 0.02	0.09	0.03	< 0.02	1.00	41.9	3.7	6.80	0.8	2.86	0.5	0.1	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-127	1.66	1.6	< 0.1	0.15	0.093	0.11	< 0.02	0.09	< 0.02	< 0.02	1.35	56.2	4.5	7.98	0.8	3.04	0.5	0.1	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-128	1.83	1.6	< 0.1	0.17	0.077	0.13	< 0.02	0.08	< 0.02	< 0.02	0.47	25.7	2.3	3.85	0.5	2.01	0.4	0.1	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1				
WD13-004-129	1.86	1.6	< 0.1	0.26	0.121	0.05	< 0.02	0.08	< 0.02	< 0.02	0.36	17.4	1.9	3.53	0.5	2.05	0.5	0.1	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1				
WD13-004-130	1.72	1.1	< 0.1	0.42	0.134	0.16	< 0.02	0.08	< 0.02	< 0.02	0.32	14.9	2.1	3.65	0.5	1.99	0.5	0.1	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1				
WD13-004-131	1.64	0.4	< 0.1	0.89	0.105	0.10	< 0.02	0.05	< 0.02	< 0.02	0.36	10.8	2.0	3.33	0.4	1.85	0.4	0.1	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1				
WD13-004-132	3.90	0.5	< 0.1	0.50	0.103	0.85	0.03	0.13	0.03	0.02	1.13	51.6	5.7	10.7	1.3	5.33	1.1	0.4	1.1	0.2	0.9	0.2	0.5	< 0.1				
WD13-004-133	3.58	2.5	< 0.1	0.75	0.067	0.04	< 0.02	0.16	0.02	< 0.02	3.40	88.9	2.8	6.00	0.8	3.66	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1				
WD13-004-134	2.91	1.6	< 0.1	0.24	0.072	0.04	< 0.02	0.10	0.02	< 0.02	3.02	84.9	2.6	5.45	0.7	3.25	0.8	0.4	0.8	0.1	0.8	0.2	0.4	< 0.1				
WD13-004-135	3.70	2.1	< 0.1	1.28	0.097	0.06	< 0.02	0.15	0.03	< 0.02	4.41	114	2.8	6.13	0.8	3.67	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1				
WD13-004-136	3.11	2.0	< 0.1	0.30	0.076	0.07	< 0.02	0.11	0.02	< 0.02	2.50	106	2.8	5.77	0.8	3.40	0.7	0.4	0.7	0.1	0.7	0.1	0.4	< 0.1				
WD13-004-137	3.75	3.0	< 0.1	0.68	0.075	0.09	< 0.02	0.17	0.03	< 0.02	2.19	63.4	3.2	6.58	0.9	3.90	0.9	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1				
WD13-004-138	3.33	2.3	< 0.1	0.76	0.062	0.09	< 0.02	0.13	0.02	< 0.02	2.01	82.4	2.8	5.99	0.8	3.53	0.8	0.4	0.9	0.1	0.8	0.2	0.5	< 0.1				
WD13-004-139	3.76	1.6	< 0.1	1.05	0.081	0.06	< 0.02	0.20	0.03	< 0.02	1.57	91.3	3.0	6.27	0.8	3.76	0.9	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1				
WD13-004-140	0.85	0.3	< 0.1	7.64	0.234	0.05	< 0.02	1.54	0.94	0.52	0.14	20.3	1.5	6.40	0.3	0.95	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1				

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	
WD13-004-106	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	1.72	< 0.1	0.3	< 10	7.30	0.19	0.10	0.065	21.39	29.56	< 0.01	< 0.01	0.01	< 0.01	< 0.003	40.96
WD13-004-107	0.7	< 0.1	0.1	< 0.05	0.2	0.002	677	0.06	4.22	1.0	0.3	< 10	60.52	16.05	6.66	0.115	4.64	6.88	2.53	0.74	0.46	0.10	0.013	1.90
WD13-004-108	1.0	0.1	0.2	< 0.05	0.5	0.001	10	0.08	3.24	1.5	0.5	< 10	67.34	13.15	6.41	0.107	2.37	4.25	3.08	1.13	0.62	0.13	0.015	1.39
WD13-004-109	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7	0.17	2.23	0.2	< 0.1	< 10	49.79	22.02	6.35	0.103	5.18	9.56	3.24	1.54	0.19	0.02	0.013	2.65
WD13-004-110	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002	6	0.15	1.84	0.3	< 0.1	< 10	49.79	20.23	7.55	0.122	6.25	9.49	3.16	1.05	0.25	0.04	0.019	2.23
WD13-004-111	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	8	0.08	1.79	0.3	< 0.1	< 10	50.01	20.30	7.14	0.123	5.95	9.32	3.20	1.36	0.24	0.04	0.020	2.52
WD13-004-112	0.2	< 0.1	< 0.1	< 0.05	0.1	0.002	6	0.09	2.27	0.7	0.2	< 10	51.88	20.67	5.77	0.098	4.60	9.12	3.83	0.93	0.21	0.04	0.012	1.85
WD13-004-113	0.2	< 0.1	< 0.1	< 0.05	1.5	0.003	6	0.06	2.00	1.8	0.8	< 10	62.74	18.10	2.75	0.042	1.80	6.40	5.01	0.38	0.25	0.10	0.007	1.20
WD13-004-114	< 0.1	< 0.1	< 0.1	< 0.05	0.4	< 0.001	6	0.05	1.38	1.2	0.3	< 10	70.92	14.75	2.55	0.016	0.69	3.72	4.79	0.46	0.24	0.07	0.005	0.83
WD13-004-115	0.1	< 0.1	0.1	< 0.05	0.1	< 0.001	5	0.11	0.92	2.2	0.2	< 10	68.74	15.65	3.78	0.031	1.14	4.77	4.45	0.43	0.34	0.10	< 0.003	0.76
WD13-004-116	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.17	3.12	0.9	< 0.1	< 10	69.30	15.61	3.54	0.030	1.26	4.41	4.46	0.61	0.40	0.08	0.010	0.78
WD13-004-117	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	6	0.09	4.26	0.9	< 0.1	< 10	67.62	15.43	3.50	0.037	1.73	3.54	4.63	0.62	0.39	0.06	0.010	1.31
WD13-004-118	0.1	< 0.1	< 0.1	< 0.05	0.3	0.004	6	0.09	20.8	3.7	0.1	< 10	68.60	15.47	3.61	0.048	1.42	2.51	5.42	0.69	0.26	0.05	0.006	1.63
WD13-004-119	0.2	< 0.1	< 0.1	< 0.05	0.4	0.008	5	0.10	29.3	2.0	0.1	< 10	64.48	14.84	3.80	0.049	1.76	5.59	4.84	0.66	0.23	0.06	0.008	3.81
WD13-004-120	0.1	< 0.1	< 0.1	< 0.05	0.1	0.004	6	0.56	47.3	2.0	0.1	< 10	66.01	16.51	4.45	0.061	1.96	4.08	4.90	0.66	0.27	0.04	0.013	1.13
WD13-004-121	0.3	< 0.1	< 0.1	< 0.05	0.1	0.003	6	1.29	19.4	2.1	0.1	< 10	55.33	17.81	8.60	0.135	4.28	6.05	4.41	0.66	0.52	0.09	0.025	1.77
WD13-004-122	0.4	< 0.1	0.1	< 0.05	0.1	0.001	6	0.79	2.81	1.2	< 0.1	< 10	52.75	15.96	9.65	0.174	6.73	7.84	3.88	0.59	0.49	0.10	0.022	1.63
WD13-004-123	0.4	< 0.1	0.1	< 0.05	0.3	0.004	7	1.06	7.93	1.8	0.1	< 10	51.67	3.69	11.96	0.228	16.97	9.97	0.73	0.12	0.37	0.08	0.027	2.87
WD13-004-124	0.2	< 0.1	< 0.1	< 0.05	0.1	0.002	7	0.22	4.64	1.6	0.2	< 10	46.94	2.68	10.88	0.165	24.06	7.21	0.05	0.17	0.26	0.04	0.010	7.16
WD13-004-125	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	2020	0.04	5.39	0.2	< 0.1	30	45.41	22.02	7.03	0.096	8.57	12.79	1.28	0.12	0.11	0.01	0.011	2.56
WD13-004-126	0.2	< 0.1	< 0.1	< 0.05	0.1	0.002	11	0.24	3.64	0.8	0.1	< 10	41.70	2.03	12.23	0.175	29.81	4.05	0.08	0.13	0.18	0.02	0.014	9.41
WD13-004-127	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	8	0.17	1.22	0.9	0.1	< 10	42.89	2.63	11.60	0.223	28.10	5.74	0.20	0.22	0.19	0.02	0.018	8.13
WD13-004-128	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	6	0.06	0.53	0.2	< 0.1	< 10	38.32	1.31	11.96	0.148	33.46	2.34	0.04	0.06	0.13	0.02	0.012	11.48
WD13-004-129	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	7	0.10	0.71	0.2	< 0.1	< 10	37.65	1.28	12.29	0.136	34.34	1.56	0.04	0.03	0.12	0.02	0.008	11.81
WD13-004-130	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	6	0.10	0.79	0.3	< 0.1	< 10	37.49	1.20	11.65	0.145	33.81	1.61	0.02	0.03	0.11	0.01	0.015	11.90
WD13-004-131	0.2	< 0.1	< 0.1	< 0.05	0.3	0.002	6	0.06	57.6	0.1	< 0.1	< 10	37.43	0.75	13.44	0.148	33.56	1.95	0.02	0.03	0.11	0.02	0.017	12.11
WD13-004-132	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.09	80.7	0.3	0.3	< 10	43.76	13.11	9.57	0.185	12.45	10.25	2.10	0.54	0.31	0.03	0.032	8.04
WD13-004-133	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	5	0.12	56.1	0.3	0.1	< 10	49.81	15.15	9.97	0.178	9.84	8.15	2.63	0.82	0.47	0.03	0.053	3.24
WD13-004-134	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5	0.15	13.9	0.3	< 0.1	< 10	50.21	16.18	9.24	0.168	8.51	9.51	2.40	1.17	0.34	0.04	0.038	2.48
WD13-004-135	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.16	18.5	0.4	< 0.1	< 10	50.46	15.19	9.87	0.184	9.17	9.43	2.23	1.10	0.45	0.03	0.048	2.41
WD13-004-136	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	9.01	0.4	< 0.1	< 10	49.69	16.85	8.95	0.164	7.99	10.21	2.35	1.05	0.42	0.04	0.032	2.11
WD13-004-137	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	6	0.23	46.0	0.5	0.3	< 10	48.32	15.15	8.97	0.139	10.43	6.74	2.87	1.01	0.38	0.04	0.029	5.33
WD13-004-138	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.18	19.3	0.4	0.1	< 10	49.74	14.61	9.34	0.160	9.53	9.02	2.27	1.19	0.34	0.03	0.030	3.07
WD13-004-139	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	7	0.14	19.0	0.4	0.2	< 10	49.83	16.52	8.68	0.153	8.43	9.07	2.59	0.88	0.41	0.04	0.038	2.99
WD13-004-140	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1220	0.03	5.14	0.3	0.1	30	44.83	22.06	6.98	0.095	8.63	12.73	1.28	0.11	0.11	0.01	0.007	2.53

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Apr 1 2013 10:58AM	Mar 15 2013 4:58PM	Apr 2 2013 5:05PM	Apr 2 2013 5:05PM	Apr 2 2013 5:05PM
WD13-004-106	99.56	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-004-107	100.7	0.05	0.033	< 0.004	0.010	0.05	484	1920	455
WD13-004-108	100.0	0.01	0.005	< 0.004	0.005	0.04	1	1.1	1.4
WD13-004-109	100.7	< 0.01	0.025	0.004	0.016	0.16	< 1	1.0	0.3
WD13-004-110	100.3	0.02	0.080	0.007	0.013	0.21	< 1	8.4	0.9
WD13-004-111	100.3	< 0.01	0.020	< 0.004	0.009	0.16	< 1	1.1	0.5
WD13-004-112	99.02	< 0.01	0.005	< 0.004	0.010	0.05	< 1	0.8	0.1
WD13-004-113	98.78	< 0.01	< 0.003	< 0.004	< 0.004	0.05	< 1	3.3	0.4
WD13-004-114	99.04	< 0.01	< 0.003	< 0.004	< 0.004	0.20	< 1	1.9	0.6
WD13-004-115	100.2	< 0.01	0.009	< 0.004	0.010	0.26	< 1	0.6	0.2
WD13-004-116	100.5	< 0.01	0.013	< 0.004	0.005	0.08	< 1	3.1	0.5
WD13-004-117	98.88	< 0.01	0.006	< 0.004	< 0.004	0.03	< 1	0.7	0.4
WD13-004-118	99.96	0.03	0.206	0.007	< 0.004	0.04	< 1	0.4	0.2
WD13-004-119	100.3	0.01	0.172	< 0.004	0.004	0.02	< 1	1.1	0.2
WD13-004-120	100.3	0.05	0.121	< 0.004	< 0.004	0.11	< 1	0.3	< 0.1
WD13-004-121	99.85	0.04	0.100	0.005	0.006	0.33	< 1	3.8	1.7
WD13-004-122	99.94	0.03	0.083	0.006	0.009	0.16	< 1	0.6	0.5
WD13-004-123	98.94	0.16	0.070	0.011	0.014	0.14	2	9.1	6.8
WD13-004-124	100.00	0.24	0.119	0.010	< 0.004	0.02	< 1	10.4	7.6
WD13-004-125	100.2	0.06	0.068	0.004	0.021	0.10	1310	5960	1320
WD13-004-126	100.2	0.29	0.096	0.013	< 0.004	0.03	2	15.1	7.1
WD13-004-127	100.4	0.29	0.091	0.013	< 0.004	0.02	1	16.3	14.7
WD13-004-128	99.77	0.37	0.115	0.014	< 0.004	0.02	< 1	4.4	4.3
WD13-004-129	99.95	0.53	0.128	0.018	< 0.004	0.02	< 1	5.6	5.8
WD13-004-130	98.71	0.56	0.133	0.017	< 0.004	0.01	< 1	5.6	5.4
WD13-004-131	100.1	0.33	0.136	0.013	0.008	< 0.01	< 1	4.6	4.6
WD13-004-132	100.6	0.14	0.054	0.007	< 0.004	< 0.01	< 1	5.9	4.1
WD13-004-133	100.5	0.08	0.101	0.005	< 0.004	< 0.01	< 1	5.9	4.4
WD13-004-134	100.3	0.03	0.016	0.004	< 0.004	< 0.01	< 1	12.6	3.3
WD13-004-135	100.7	0.05	0.023	0.007	< 0.004	0.01	< 1	2.9	2.1
WD13-004-136	99.87	0.02	0.011	< 0.004	< 0.004	< 0.01	< 1	2.9	2.2
WD13-004-137	99.45	0.03	0.011	< 0.004	< 0.004	0.01	< 1	2.6	2.0
WD13-004-138	99.40	0.04	0.032	0.004	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-139	99.68	0.03	0.012	0.005	< 0.004	0.02	< 1	3.2	1.9
WD13-004-140	99.53	0.07	0.068	0.004	0.020	0.10	1240	5730	1300

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
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BaSO4 LABSTD																									
Oreas 73a (Fusion) LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-106 Replicate Original	4.8	< 0.1	29	0.016	> 10.0	0.03	0.01	0.03	20.0	< 0.1	3	< 0.5	492	0.08	0.5	4.7	1.77	13.3	< 0.02	< 0.1	0.5	< 0.1	0.7	153	
WD13-004-106 LABDUP	4.5	< 0.1	28	0.014	> 10.0	0.03	0.01	0.02	19.1	< 0.1	2	< 0.5	487	0.08	0.4	4.5	1.43	13.2	< 0.02	< 0.1	0.5	0.2	0.5	144	
WD13-004-107 Replicate Original																									
WD13-004-107 LABDUP																									
WD13-004-115 Replicate Original																									
WD13-004-115 LABDUP																									
WD13-004-117 Replicate Original																									
WD13-004-117 LABDUP																									
WD13-004-119 Replicate Original	43.3	0.4	13	0.200	1.04	1.48	0.21	0.04	2.62	2.6	34	10.8	283	2.56	12.6	19.2	14.6	231	6.68	< 0.1	0.6	0.4	6.4	31.8	
WD13-004-119 LABDUP	40.4	0.4	13	0.194	1.02	1.44	0.20	0.04	2.49	2.5	34	11.2	279	2.47	11.9	18.3	14.0	225	6.67	< 0.1	0.7	0.5	5.9	30.2	
WD13-004-124 Replicate Original																									
WD13-004-124 LABDUP																									
WD13-004-127 Replicate Original																									
WD13-004-127 LABDUP																									
WD13-004-128 Replicate Original																									
WD13-004-128 LABDUP																									
WD13-004-133 Replicate Original	77.4	0.5	19	0.657	3.50	4.52	0.18	0.02	2.37	13.7	174	154	686	4.29	25.8	73.0	14.1	209	8.49	< 0.1	0.6	0.2	6.7	146	
WD13-004-133 LABDUP	72.7	0.5	18	0.634	3.38	4.40	0.18	< 0.02	2.32	13.3	166	148	672	4.23	25.0	70.9	13.2	199	8.12	< 0.1	0.6	0.1	6.4	138	

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	
WD13-004-135 Split Original	42.6	0.4	19	0.523	2.03	3.77	0.23	0.15	2.62	9.8	93	91.7	493	2.93	19.2	58.1	20.2	69.9	6.36	< 0.1	0.4	0.2	8.6	131
WD13-004-135 LABPREP	40.8	0.3	19	0.538	2.14	3.91	0.23	0.17	2.71	10.2	98	97.2	513	3.04	19.4	58.6	21.9	72.8	6.91	< 0.1	0.5	0.2	8.8	135
WD13-004-136 Replicate Original																								
WD13-004-136 LABDUP																								
WD13-004-137 Replicate Original																								
WD13-004-137 LABDUP																								

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
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LKSD-4 LABSTD																									
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BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
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BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 73a (Fusion) LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-106 Replicate Original	0.39	0.2	< 0.1	0.04	0.061	0.06	< 0.02	< 0.05	0.06	< 0.02	0.30	29.7	0.7	0.85	0.1	0.36	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-106 LABDUP	0.37	0.8	< 0.1	0.07	0.085	0.05	< 0.02	< 0.05	0.06	< 0.02	0.30	30.5	0.7	0.88	0.1	0.38	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-107 Replicate Original																									
WD13-004-107 LABDUP																									
WD13-004-115 Replicate Original																									
WD13-004-115 LABDUP																									
WD13-004-117 Replicate Original																									
WD13-004-117 LABDUP																									
WD13-004-119 Replicate Original	2.36	1.5	< 0.1	2.65	3.16	0.80	0.02	0.25	0.10	< 0.02	1.15	89.3	16.2	28.1	2.9	9.63	1.3	0.6	1.0	0.1	0.6	0.1	0.3	< 0.1	
WD13-004-119 LABDUP	2.31	1.7	< 0.1	2.57	3.20	0.78	0.02	0.25	0.11	< 0.02	1.08	83.1	15.6	27.2	2.8	9.50	1.3	0.6	1.0	0.1	0.6	< 0.1	0.3	< 0.1	
WD13-004-124 Replicate Original																									
WD13-004-124 LABDUP																									
WD13-004-127 Replicate Original																									
WD13-004-127 LABDUP																									
WD13-004-128 Replicate Original																									
WD13-004-128 LABDUP																									
WD13-004-133 Replicate Original	3.65	2.2	< 0.1	0.77	0.074	0.04	< 0.02	0.16	0.02	< 0.02	3.41	89.0	2.8	6.08	0.8	3.75	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-133 LABDUP	3.51	2.7	< 0.1	0.72	0.060	0.04	< 0.02	0.15	0.03	< 0.02	3.38	88.8	2.7	5.92	0.8	3.57	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1	

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

WD13-004-135 Split Original	3.70	2.1	< 0.1	1.28	0.097	0.06	< 0.02	0.15	0.03	< 0.02	4.41	114	2.8	6.13	0.8	3.67	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1
WD13-004-135 LABPREP	3.97	2.7	< 0.1	1.27	0.109	0.06	< 0.02	0.16	0.03	< 0.02	4.51	115	2.8	6.13	0.8	3.83	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1
WD13-004-136 Replicate Original																								
WD13-004-136 LABDUP																								
WD13-004-137 Replicate Original																								
WD13-004-137 LABDUP																								

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 73a (Fusion) LABSTD														36.40	2.45				32.51						
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-106 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.04	1.85	< 0.1	0.3	< 10													
WD13-004-106 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	1.58	< 0.1	0.3	< 10													
WD13-004-107 Replicate Original																									
WD13-004-107 LABDUP																									
WD13-004-115 Replicate Original																									
WD13-004-115 LABDUP																									
WD13-004-117 Replicate Original																									
WD13-004-117 LABDUP																									
WD13-004-119 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	0.4	0.007	5	0.10	29.9	2.1	0.2	< 10													
WD13-004-119 LABDUP	0.2	< 0.1	< 0.1	< 0.05	0.4	0.008	5	0.10	28.7	1.9	0.1	< 10													
WD13-004-124 Replicate Original																									
WD13-004-124 LABDUP																									
WD13-004-127 Replicate Original																									
WD13-004-127 LABDUP																									
WD13-004-128 Replicate Original														38.38	1.27	11.97	0.142	33.53	2.33	0.06	0.06	0.13	0.03	0.012	11.55
WD13-004-128 LABDUP														38.26	1.34	11.95	0.153	33.38	2.35	0.02	0.06	0.13	0.02	0.011	11.40
WD13-004-133 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	5	0.12	56.4	0.3	0.1	< 10													
WD13-004-133 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	6	0.12	55.9	0.3	0.1	< 10													

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	2013-04- 01 10:58:29	

WD13-004-135 Split Original	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.16	18.5	0.4	< 0.1	< 10	50.46	15.19	9.87	0.184	9.17	9.43	2.23	1.10	0.45	0.03	0.048	2.41
WD13-004-135 LABPREP	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	9	0.16	18.3	0.4	< 0.1	< 10	50.02	15.05	9.85	0.183	9.10	9.40	2.37	1.08	0.43	0.03	0.047	2.38
WD13-004-136 Replicate Original																								
WD13-004-136 LABDUP																								
WD13-004-137 Replicate Original																								
WD13-004-137 LABDUP																								

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-03-15 16:58:35	2013-04-02 17:05:48	2013-04-02 17:05:48	2013-04-02 17:05:48

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
Oreas 73a (Fusion) LABSTD		0.19	1.45	0.031	0.094				
CDN-PGMS-22 LABSTD						1260	6340	1460	
CDN-PGMS-22 LABSTD						1350	6360	1470	
CDN-PGMS-23 LABSTD						484	2020	458	
CDN-PGMS-23 LABSTD						481	1900	455	
WD13-004-106 Replicate Original									
WD13-004-106 LABDUP						0.05			
WD13-004-107 Replicate Original									
WD13-004-107 LABDUP						0.05			
WD13-004-115 Replicate Original							< 1	0.3	0.2
WD13-004-115 LABDUP							< 1	0.8	0.2
WD13-004-117 Replicate Original						0.04			
WD13-004-117 LABDUP						0.03			
WD13-004-119 Replicate Original									
WD13-004-119 LABDUP									
WD13-004-124 Replicate Original							< 1	10.3	7.3
WD13-004-124 LABDUP							< 1	10.6	7.9
WD13-004-127 Replicate Original						0.02			
WD13-004-127 LABDUP						0.02			
WD13-004-128 Replicate Original	99.96	0.37	0.116	0.015	< 0.004				
WD13-004-128 LABDUP	99.57	0.37	0.114	0.013	< 0.004				
WD13-004-133 Replicate Original									
WD13-004-133 LABDUP									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-04-01 10:58:29	2013-03-15 16:58:35	2013-04-02 17:05:48	2013-04-02 17:05:48	2013-04-02 17:05:48

WD13-004-135 Split Original	100.7	0.05	0.023	0.007	< 0.004	0.01	< 1	2.9	2.1
WD13-004-135 LABPREP	100.0	0.04	0.024	0.007	< 0.004	0.01	< 1	3.0	2.8
WD13-004-136 Replicate Original							< 1	3.3	2.5
WD13-004-136 LABDUP							< 1	2.4	1.8
WD13-004-137 Replicate Original						0.01			
WD13-004-137 LABDUP						0.01			



Date Submitted: 09-Mar-13
Invoice No.: A13-02623
Invoice Date: 08-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02623**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02623

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	
WD13-004-141	4.2	< 0.1	20	0.030	> 10.0	0.03	0.01	0.02	28.5	0.1	3	1.7	546	0.09	0.5	4.3	1.02	20.3	< 0.02	< 0.1	0.4	0.3	0.6	252		
WD13-004-142	10.8	0.3	10	0.373	1.60	5.03	0.13	0.11	3.23	5.8	58	79.6	498	3.59	15.9	183	89.2	42.9	7.22	< 0.1	4.3	0.4	4.5	71.2		
WD13-004-143	12.8	0.3	11	0.179	0.93	2.21	0.18	0.09	1.34	6.9	78	40.8	568	3.53	9.1	31.7	44.2	49.7	6.08	< 0.1	5.0	0.3	6.3	75.2		
WD13-004-144	22.7	0.3	17	0.841	0.86	> 10.0	0.17	0.08	4.15	3.7	61	47.5	280	1.85	11.2	29.3	17.7	20.4	8.62	< 0.1	0.3	< 0.1	5.9	246		
WD13-004-145	19.4	0.3	13	0.741	1.11	4.74	0.18	0.05	3.46	6.5	119	82.4	321	2.59	15.7	49.2	31.2	22.9	7.95	< 0.1	0.2	0.2	5.3	203		
WD13-004-146	15.9	0.3	14	0.809	1.50	4.90	0.19	0.02	3.45	8.0	69	115	303	2.21	14.4	48.5	13.6	21.7	7.76	< 0.1	0.3	< 0.1	6.4	208		
WD13-004-147	8.3	0.2	10	0.940	1.23	5.19	0.18	< 0.02	3.54	7.2	66	113	223	1.82	12.7	55.6	22.8	15.7	6.57	< 0.1	0.3	< 0.1	5.2	230		
WD13-004-148	13.8	0.2	17	0.837	1.46	4.83	0.17	0.02	3.51	8.4	69	120	290	2.26	15.0	49.3	11.7	20.2	7.34	< 0.1	0.4	< 0.1	4.8	207		
WD13-004-149	16.2	0.3	17	0.627	1.54	4.05	0.14	0.09	3.22	8.3	76	103	376	2.43	16.9	53.9	25.0	23.3	7.16	< 0.1	0.3	0.2	3.9	155		
WD13-004-150	14.4	0.3	13	0.763	1.45	4.83	0.20	0.04	3.59	8.4	149	115	354	3.31	23.1	65.4	52.1	25.3	8.53	< 0.1	0.4	0.2	5.6	188		
WD13-004-151	8.7	0.2	9	0.997	1.16	> 10.0	0.16	0.03	3.95	7.6	91	89.9	240	2.12	16.4	55.3	30.4	15.9	8.51	< 0.1	0.4	0.2	4.1	256		
WD13-004-152	8.7	0.2	8	0.890	1.17	5.14	0.12	0.02	3.54	6.6	49	89.1	233	1.68	11.9	41.8	12.6	14.0	7.43	< 0.1	0.4	< 0.1	2.8	220		
WD13-004-153	14.2	0.2	10	0.784	1.68	4.97	0.13	0.05	3.67	9.0	58	99.8	381	2.38	17.2	53.0	15.7	22.0	7.34	< 0.1	0.3	< 0.1	3.7	203		
WD13-004-154	19.1	0.2	13	0.617	1.57	4.26	0.12	0.05	3.39	7.9	57	95.5	369	2.20	15.4	50.1	12.0	20.1	6.89	< 0.1	0.2	< 0.1	3.8	165		
WD13-004-155	20.4	0.2	12	0.573	1.64	4.10	0.14	0.03	3.27	8.2	62	103	383	2.28	15.5	49.2	14.8	20.3	7.05	< 0.1	0.4	< 0.1	4.6	152		
WD13-004-156	14.0	0.2	10	0.690	1.44	4.39	0.14	< 0.02	3.28	7.7	61	108	323	2.20	15.1	49.4	18.0	18.5	6.74	< 0.1	0.2	< 0.1	3.9	172		
WD13-004-157	8.2	0.2	8	0.889	1.39	4.84	0.15	< 0.02	3.70	9.8	99	162	277	2.32	15.6	54.2	18.6	20.3	7.63	< 0.1	0.3	< 0.1	4.3	221		
WD13-004-158	7.7	0.2	8	0.944	1.27	5.09	0.15	0.02	3.71	8.8	87	136	247	2.04	13.6	48.4	17.8	18.0	7.88	< 0.1	0.3	0.1	3.8	235		
WD13-004-159	8.1	0.2	9	0.956	1.45	5.30	0.15	< 0.02	3.90	9.8	83	149	290	2.14	14.6	50.4	14.4	17.0	7.97	< 0.1	0.3	< 0.1	3.7	231		
WD13-004-160	2.8	< 0.1	7	0.804	2.81	> 10.0	0.05	0.13	7.28	2.5	18	155	358	3.65	29.1	488	184	24.1	10.2	< 0.1	2.7	0.8	1.3	86.6		
WD13-004-161	9.1	0.2	9	0.937	1.30	5.15	0.16	< 0.02	3.81	8.6	72	131	251	1.91	13.3	46.8	19.7	18.5	7.68	< 0.1	0.4	< 0.1	4.4	239		
WD13-004-162	9.5	0.2	9	0.862	1.44	4.84	0.16	< 0.02	3.65	9.4	76	145	313	2.14	14.3	48.4	21.4	20.5	7.57	< 0.1	0.4	0.1	4.4	208		
WD13-004-163	7.3	0.2	7	0.859	1.22	4.80	0.15	< 0.02	3.55	8.4	73	142	235	1.91	12.8	45.1	21.0	16.4	6.94	< 0.1	0.2	< 0.1	3.9	215		
WD13-004-164	10.6	0.2	9	0.830	1.44	4.78	0.16	< 0.02	3.55	8.8	78	153	298	2.21	14.5	49.0	26.3	20.0	7.55	< 0.1	0.4	< 0.1	4.7	211		
WD13-004-165	8.8	0.2	8	0.870	1.38	5.00	0.15	< 0.02	3.69	8.5	79	161	288	2.15	14.0	49.5	29.1	18.1	7.44	< 0.1	0.2	< 0.1	4.3	217		
WD13-004-166	10.6	0.2	9	0.831	1.49	4.78	0.16	< 0.02	3.68	9.6	85	160	314	2.41	15.5	51.4	29.3	21.0	7.54	< 0.1	0.4	< 0.1	4.6	211		
WD13-004-167	8.1	0.2	9	0.921	1.23	4.95	0.16	< 0.02	3.58	8.7	88	162	252	1.99	12.8	46.1	22.0	17.7	7.74	< 0.1	0.3	< 0.1	4.5	227		
WD13-004-168	9.3	0.2	9	0.925	1.41	5.03	0.17	< 0.02	3.69	10.0	93	174	309	2.31	15.1	51.5	24.0	19.1	7.40	< 0.1	0.2	< 0.1	5.1	224		
WD13-004-169	15.3	0.2	8	0.699	1.61	4.23	0.15	0.03	3.24	9.6	87	152	374	2.64	17.0	51.2	19.3	22.9	6.86	< 0.1	0.2	0.3	4.2	181		
WD13-004-170	13.8	0.2	10	0.715	1.60	4.17	0.15	< 0.02	3.47	10.6	98	162	376	2.58	16.6	50.3	16.8	22.5	7.23	< 0.1	0.2	< 0.1	4.5	180		
WD13-004-171	15.6	0.2	9	0.668	1.77	4.05	0.18	0.07	3.32	10.6	89	144	442	2.77	18.3	53.9	19.8	24.5	6.94	< 0.1	0.1	0.1	8.0	165		
WD13-004-172	14.4	0.2	8	0.751	1.76	4.54	0.22	0.05	3.61	10.9	89	146	441	2.89	18.8	53.1	17.2	24.0	7.24	< 0.1	0.2	< 0.1	9.1	195		
WD13-004-173	13.8	0.2	10	0.686	1.71	4.01	0.13	0.03	3.41	10.8	83	133	430	2.59	17.4	51.9	15.7	23.5	6.94	< 0.1	0.2	< 0.1	3.7	180		
WD13-004-174	8.6	0.2	9	0.793	1.46	4.57	0.17	< 0.02	3.59	9.6	86	161	323	2.20	14.4	47.6	18.7	20.7	7.39	< 0.1	0.3	< 0.1	5.3	197		
WD13-004-175	2.6	< 0.1	7	0.770	2.74	> 10.0	0.05	0.13	7.02	2.4	18	154	348	3.51	28.2	470	177	22.8	9.95	< 0.1	2.6	0.7	1.3	82.8		

Activation Laboratories Ltd. Report: A13-02623

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI			
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	
Date Analyzed	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Mar 21 2013 2:14PM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	
WD13-004-141	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.04	1.94	< 0.1	0.4	< 10	6.17	0.11	0.07	0.066	21.42	28.18	< 0.01	< 0.01	0.02	0.01	0.010	44.28		
WD13-004-142	0.7	< 0.1	0.1	< 0.05	0.2	0.002	246	0.07	4.24	1.0	0.3	< 10	60.12	15.64	6.60	0.106	4.56	6.81	2.50	0.74	0.46	0.11	0.019	2.05		
WD13-004-143	1.0	0.1	0.2	< 0.05	0.4	0.001	9	0.08	3.10	1.6	0.5	< 10	67.33	13.11	6.45	0.117	2.39	4.29	3.21	1.12	0.61	0.13	0.020	1.24		
WD13-004-144	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5	0.13	2.12	0.2	< 0.1	< 10	50.00	20.70	6.66	0.115	5.37	11.34	2.70	0.92	0.34	0.02	0.034	2.04		
WD13-004-145	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	6	0.09	1.56	0.3	< 0.1	< 10	49.35	17.78	9.19	0.145	6.78	11.12	2.44	0.72	0.56	0.04	0.052	1.52		
WD13-004-146	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	1.14	0.3	< 0.1	< 10	49.94	15.22	9.14	0.167	9.00	10.99	1.99	0.67	0.35	0.04	0.041	1.38		
WD13-004-147	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	6	0.09	1.12	0.4	< 0.1	< 10	50.89	14.75	9.61	0.168	9.49	11.53	2.02	0.44	0.38	0.03	0.040	0.73		
WD13-004-148	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.06	1.01	0.3	< 0.1	< 10	50.08	15.26	9.59	0.174	9.58	11.55	2.03	0.53	0.37	0.05	0.042	1.15		
WD13-004-149	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.05	1.73	0.4	0.1	< 10	49.74	14.57	9.93	0.172	9.59	11.23	2.01	0.61	0.44	0.05	0.037	1.91		
WD13-004-150	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7	0.17	1.44	0.5	0.1	< 10	49.03	15.91	10.46	0.171	8.23	11.00	2.20	0.67	0.61	0.06	0.044	1.75		
WD13-004-151	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	0.88	0.2	< 0.1	< 10	50.10	15.66	9.69	0.175	9.67	11.75	1.97	0.39	0.39	0.03	0.044	0.64		
WD13-004-152	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.77	0.2	< 0.1	< 10	50.69	14.77	9.07	0.162	9.90	11.93	1.90	0.35	0.27	0.02	0.040	1.50		
WD13-004-153	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.03	1.57	0.3	< 0.1	< 10	50.71	14.62	9.22	0.168	9.97	11.68	1.83	0.42	0.30	0.03	0.036	1.63		
WD13-004-154	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	5	0.04	1.87	0.4	< 0.1	< 10	49.13	14.41	9.40	0.179	9.94	11.56	1.93	0.52	0.33	0.04	0.036	1.78		
WD13-004-155	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.05	1.28	0.4	< 0.1	< 10	49.84	14.33	9.59	0.187	10.07	11.35	1.95	0.59	0.36	0.04	0.035	1.89		
WD13-004-156	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.04	0.95	0.3	< 0.1	< 10	49.74	14.25	9.83	0.167	9.90	11.63	1.90	0.50	0.37	0.03	0.040	1.41		
WD13-004-157	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	8	0.05	1.48	0.3	< 0.1	< 10	49.92	13.90	10.88	0.186	10.27	11.88	1.85	0.36	0.44	0.04	0.040	0.60		
WD13-004-158	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	0.94	0.3	< 0.1	< 10	50.02	14.41	10.12	0.181	9.82	11.93	1.90	0.31	0.37	0.03	0.036	0.52		
WD13-004-159	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.88	0.2	< 0.1	< 10	50.55	13.88	9.95	0.177	9.95	11.82	1.87	0.32	0.34	0.03	0.043	0.55		
WD13-004-160	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1690	0.03	5.15	0.2	0.1	30	45.16	22.22	6.97	0.088	8.56	12.69	1.26	0.13	0.10	0.01	0.010	2.33		
WD13-004-161	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	11	0.05	1.16	0.3	< 0.1	< 10	50.31	14.13	9.54	0.178	9.76	11.65	1.80	0.34	0.34	0.02	0.042	0.55		
WD13-004-162	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.05	1.40	0.3	< 0.1	< 10	50.12	14.14	10.24	0.192	9.98	11.88	1.90	0.43	0.36	0.03	0.043	0.78		
WD13-004-163	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	7	0.05	0.97	0.3	< 0.1	< 10	50.37	13.67	9.83	0.181	9.97	11.75	1.88	0.34	0.36	0.02	0.043	0.47		
WD13-004-164	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.06	1.00	0.2	< 0.1	< 10	49.94	14.24	10.52	0.182	9.91	11.73	1.86	0.46	0.38	0.03	0.044	0.90		
WD13-004-165	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.08	0.97	0.3	< 0.1	< 10	49.88	13.87	10.63	0.188	10.12	11.92	1.90	0.39	0.38	0.02	0.048	0.72		
WD13-004-166	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.07	0.89	0.3	< 0.1	< 10	49.20	14.37	10.65	0.185	9.86	11.80	1.91	0.43	0.40	0.03	0.043	0.86		
WD13-004-167	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.07	0.95	0.3	< 0.1	< 10	50.27	14.16	10.61	0.195	9.69	11.72	1.88	0.34	0.39	0.04	0.041	0.37		
WD13-004-168	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.08	1.50	0.3	< 0.1	< 10	50.70	13.84	10.80	0.191	9.66	11.59	1.91	0.39	0.41	0.02	0.042	0.48		
WD13-004-169	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	8	0.06	3.65	0.3	< 0.1	< 10	49.50	13.26	10.63	0.186	9.87	11.23	1.78	0.41	0.41	0.03	0.041	1.36		
WD13-004-170	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.06	1.05	0.3	0.1	< 10	50.18	13.60	10.85	0.203	10.11	11.62	1.84	0.44	0.42	0.04	0.046	1.20		
WD13-004-171	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.08	1.49	0.3	< 0.1	< 10	49.81	14.00	10.79	0.188	10.01	11.56	1.88	0.49	0.41	0.02	0.044	1.34		
WD13-004-172	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.07	0.96	0.4	< 0.1	< 10	49.82	13.95	10.55	0.188	9.91	11.75	1.85	0.49	0.39	0.04	0.042	1.26		
WD13-004-173	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.03	1.03	0.4	< 0.1	< 10	50.12	13.39	10.61	0.187	10.07	11.62	1.78	0.38	0.39	0.03	0.041	1.33		
WD13-004-174	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.25	0.3	< 0.1	< 10	49.71	13.51	10.90	0.210	10.11	11.75	1.80	0.43	0.38	0.04	0.047	0.75		
WD13-004-175	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	911	0.03	4.98	0.2	0.1	20	45.05	22.14	7.01	0.085	8.64	12.81	1.26	0.11	0.11	0.01	0.010	2.36		

Activation Laboratories Ltd. Report: A13-02623

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Apr 7 2013 10:29AM	Mar 15 2013 4:58PM	Mar 28 2013 3:33PM	Mar 28 2013 3:33PM	Mar 28 2013 3:33PM
WD13-004-141	100.3	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.1	0.2
WD13-004-142	99.97	0.21	0.029	0.006	0.008	0.05	524	2000	443
WD13-004-143	100.1	0.02	0.020	< 0.004	< 0.004	0.04	3	1.1	1.0
WD13-004-144	100.3	0.02	0.006	< 0.004	< 0.004	0.04	< 1	3.3	1.8
WD13-004-145	99.73	0.02	0.009	0.004	< 0.004	0.02	< 1	3.8	2.2
WD13-004-146	98.98	0.03	0.014	0.005	< 0.004	< 0.01	< 1	2.6	1.5
WD13-004-147	100.2	0.06	0.039	0.004	< 0.004	0.02	1	2.2	1.3
WD13-004-148	100.5	0.07	0.068	0.007	< 0.004	< 0.01	< 1	2.2	1.5
WD13-004-149	100.4	0.07	0.039	< 0.004	0.005	0.03	1	2.9	3.0
WD13-004-150	100.2	0.04	0.039	0.008	< 0.004	0.16	2	5.5	3.1
WD13-004-151	100.7	0.08	0.111	0.007	< 0.004	0.09	1	2.4	1.2
WD13-004-152	100.7	0.06	0.048	0.007	< 0.004	0.02	< 1	1.7	2.0
WD13-004-153	100.7	0.05	0.036	0.007	< 0.004	0.02	2	1.6	1.1
WD13-004-154	99.37	0.06	0.050	0.004	< 0.004	0.01	< 1	2.0	1.2
WD13-004-155	100.3	0.05	0.036	0.005	0.005	< 0.01	< 1	2.1	1.5
WD13-004-156	99.86	0.06	0.031	0.008	< 0.004	0.02	1	2.2	1.5
WD13-004-157	100.5	0.09	0.078	0.004	< 0.004	0.02	1	3.0	2.2
WD13-004-158	99.80	0.08	0.068	0.008	< 0.004	0.02	1	2.6	1.7
WD13-004-159	99.54	0.05	0.013	0.005	< 0.004	0.02	< 1	2.5	1.6
WD13-004-160	99.69	0.08	0.063	0.004	0.018	0.10	1160	6010	1400
WD13-004-161	98.73	0.05	0.012	0.004	< 0.004	0.01	1	3.8	2.2
WD13-004-162	100.2	0.06	0.056	0.007	< 0.004	0.01	1	2.5	1.7
WD13-004-163	99.04	0.07	0.084	0.007	< 0.004	0.01	1	2.8	2.0
WD13-004-164	100.4	0.08	0.064	0.004	< 0.004	< 0.01	2	3.2	2.5
WD13-004-165	100.3	0.10	0.104	0.007	0.004	0.01	2	4.0	2.6
WD13-004-166	99.81	0.05	0.017	0.010	< 0.004	< 0.01	5	6.2	3.9
WD13-004-167	99.78	0.05	0.016	0.004	0.004	< 0.01	1	14.5	10.1
WD13-004-168	100.1	0.05	0.017	0.004	< 0.004	< 0.01	2	8.1	7.6
WD13-004-169	98.79	0.05	0.020	0.006	< 0.004	< 0.01	1	4.5	3.1
WD13-004-170	100.6	0.06	0.016	0.008	< 0.004	< 0.01	1	6.1	3.4
WD13-004-171	100.7	0.07	0.038	0.005	< 0.004	< 0.01	< 1	4.2	2.5
WD13-004-172	100.4	0.07	0.049	0.010	< 0.004	< 0.01	< 1	3.0	2.0
WD13-004-173	100.1	0.07	0.038	0.006	< 0.004	< 0.01	< 1	2.7	1.7
WD13-004-174	100.3	0.16	0.445	0.010	< 0.004	< 0.01	1	2.9	2.0
WD13-004-175	99.76	0.08	0.068	0.004	0.016	0.10	1190	5850	1430

Activation Laboratories Ltd. Report: A13-02623

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-146

Replicate Original

WD13-004-146 LABDUP

14.2 0.3 13 0.772 1.46 4.86 0.20 0.04 3.57 8.3 151 116 355 3.33 22.9 64.9 52.1 24.9 8.77 < 0.1 0.4 0.3 5.6 188

Replicate Original

WD13-004-150 LABDUP

14.5 0.3 12 0.754 1.44 4.80 0.20 0.04 3.61 8.5 147 114 353 3.30 23.4 65.8 52.0 25.6 8.30 < 0.1 0.3 0.2 5.6 187

Replicate Original

WD13-004-151 LABDUP

Replicate Original

WD13-004-156 LABDUP

Replicate Original

WD13-004-161 LABDUP

Replicate Original

WD13-004-161 LABDUP

Replicate Original

WD13-004-163 LABDUP

10.4 0.2 9 0.799 1.39 4.58 0.15 < 0.02 3.48 8.6 76 148 287 2.13 14.2 48.0 25.3 19.6 7.24 < 0.1 0.4 < 0.1 4.7 208

Replicate Original

WD13-004-164 LABDUP

10.8 0.2 10 0.860 1.48 4.98 0.16 < 0.02 3.63 9.0 80 159 308 2.30 14.9 49.9 27.3 20.5 7.87 < 0.1 0.3 < 0.1 4.8 214

Replicate Original

WD13-004-166 LABDUP

Replicate Original

WD13-004-170 Split

13.8 0.2 10 0.715 1.60 4.17 0.15 < 0.02 3.47 10.6 98 162 376 2.58 16.6 50.3 16.8 22.5 7.23 < 0.1 0.2 < 0.1 4.5 180

Original

WD13-004-170 LABPREP

13.7 0.3 9 0.706 1.61 4.22 0.16 < 0.02 3.54 10.8 98 163 379 2.64 17.1 51.6 17.1 22.8 7.20 < 0.1 0.3 0.1 4.6 181

Replicate Original

WD13-004-172 LABPREP

Replicate Original

Activation Laboratories Ltd. Report: A13-02623

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

WD13-004-172 LABDUP

Activation Laboratories Ltd. Report: A13-02623

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

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LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-146

Replicate Original

WD13-004-146 LABDUP

3.45 2.4 < 0.1 0.21 0.072 0.03 < 0.02 0.20 0.02 < 0.02 1.14 93.1 3.5 7.31 0.9 4.05 0.9 0.4 0.9 0.1 0.8 0.2 0.5 < 0.1

WD13-004-150

Replicate Original

WD13-004-150 LABDUP

3.41 1.9 < 0.1 0.21 0.082 0.04 < 0.02 0.18 0.02 < 0.02 1.10 93.1 3.5 7.23 0.9 3.92 0.9 0.4 0.9 0.1 0.8 0.2 0.5 < 0.1

WD13-004-151

Replicate Original

WD13-004-151 LABDUP

WD13-004-156

Replicate Original

WD13-004-156 LABDUP

WD13-004-161

Replicate Original

WD13-004-161 LABDUP

WD13-004-163

Replicate Original

WD13-004-163 LABDUP

2.77 1.0 < 0.1 0.16 0.061 0.03 < 0.02 0.13 < 0.02 < 0.02 1.14 70.7 2.1 4.16 0.6 2.52 0.6 0.3 0.6 < 0.1 0.6 0.1 0.4 < 0.1

WD13-004-164

Replicate Original

WD13-004-164 LABDUP

2.91 0.7 < 0.1 0.16 0.055 0.04 < 0.02 0.14 < 0.02 < 0.02 1.21 73.3 2.2 4.49 0.6 2.74 0.6 0.4 0.7 0.1 0.6 0.1 0.4 < 0.1

WD13-004-166

Replicate Original

WD13-004-166 LABDUP

WD13-004-170 Split

Original

3.73 1.8 < 0.1 0.44 0.064 0.02 < 0.02 0.17 < 0.02 < 0.02 1.29 66.3 2.5 5.43 0.8 3.45 0.8 0.4 0.9 0.1 0.9 0.2 0.5 < 0.1

WD13-004-170

LABPREP

3.81 0.6 < 0.1 0.53 0.063 0.02 < 0.02 0.15 < 0.02 < 0.02 1.30 68.0 2.5 5.41 0.8 3.39 0.8 0.4 0.9 0.1 0.9 0.2 0.5 < 0.1

WD13-004-172

Replicate Original

Activation Laboratories Ltd. Report: A13-02623

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	

WD13-004-172 LABDUP

Activation Laboratories Ltd. Report: A13-02623

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-03-21 14:14:48	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-146 Replicate Original																								
WD13-004-146 LABDUP																								
WD13-004-150 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7	0.17	1.27	0.5	0.1	< 10												
WD13-004-150 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	7	0.16	1.60	0.5	0.1	< 10												
WD13-004-151 Replicate Original																								
WD13-004-151 LABDUP																								
WD13-004-156 Replicate Original																								
WD13-004-156 LABDUP																								
WD13-004-161 Replicate Original																								
WD13-004-161 LABDUP																								
WD13-004-163 Replicate Original													50.34	13.57	9.77	0.183	10.13	11.84	1.96	0.35	0.36	0.02	0.042	0.47
WD13-004-163 LABDUP													50.40	13.77	9.88	0.178	9.81	11.66	1.80	0.33	0.36	0.03	0.045	0.47
WD13-004-164 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.06	0.96	0.2	< 0.1	< 10												
WD13-004-164 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.06	1.05	0.3	< 0.1	< 10												
WD13-004-166 Replicate Original																								
WD13-004-166 LABDUP																								
WD13-004-170 Split Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.06	1.05	0.3	0.1	< 10	50.18	13.60	10.85	0.203	10.11	11.62	1.84	0.44	0.42	0.04	0.046	1.20
WD13-004-170 LABPREP	0.4	< 0.1	< 0.1	< 0.05	0.4	0.001	7	0.06	1.00	0.3	0.1	< 10	49.91	13.53	10.76	0.199	9.95	11.52	1.80	0.44	0.41	0.04	0.047	1.10
WD13-004-172 Replicate Original																								

Activation Laboratories Ltd. Report: A13-02623

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-03- 21 14:14:48	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59

WD13-004-172 LABDUP

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-04-07 10:29:59	2013-03-15 16:58:35	2013-03-28 15:33:14	2013-03-28 15:33:14	2013-03-28 15:33:14

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						1.02			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
CDN-PGMS-22 LABSTD							1240	5850	1380
CDN-PGMS-22 LABSTD							1160	5760	1370
CDN-PGMS-23 LABSTD							534	1960	445
CDN-PGMS-23 LABSTD							498	1900	458
WD13-004-146 Replicate Original						< 0.01			
WD13-004-146 LABDUP						< 0.01			
WD13-004-150 Replicate Original									
WD13-004-150 LABDUP									
WD13-004-151 Replicate Original							1	2.4	1.1
WD13-004-151 LABDUP							1	2.4	1.2
WD13-004-156 Replicate Original						0.02			
WD13-004-156 LABDUP						0.02			
WD13-004-161 Replicate Original							2	4.0	2.4
WD13-004-161 LABDUP							1	3.7	2.0
WD13-004-163 Replicate Original	99.20	0.08	0.086	0.007	< 0.004				
WD13-004-163 LABDUP	98.88	0.06	0.083	0.007	< 0.004				
WD13-004-164 Replicate Original									
WD13-004-164 LABDUP									
WD13-004-166 Replicate Original						< 0.01			
WD13-004-166 LABDUP						0.01			
WD13-004-170 Split Original	100.6	0.06	0.016	0.008	< 0.004	< 0.01	1	6.1	3.4
WD13-004-170 LABPREP	99.78	0.05	0.013	0.007	< 0.004	< 0.01	1	5.0	3.8
WD13-004-172 Replicate Original							2	2.9	2.0

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-04- 07 10:29:59	2013-03- 15 16:58:35	2013-03- 28 15:33:14	2013-03- 28 15:33:14	2013-03- 28 15:33:14

WD13-004-172 LABDUP

< 1 3.1 2.0



Date Submitted: 11-Mar-13
Invoice No.: A13-02669
Invoice Date: 08-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02669**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-211	7.0	< 0.1	52	0.017	> 10.0	0.03	0.01	0.02	24.6	0.2	3	3.5	437	0.08	0.5	4.5	1.29	26.7	< 0.02	< 0.1	0.7	0.1	0.7	207		
WD13-004-212	10.3	0.3	13	0.476	1.90	> 10.0	0.14	0.10	3.55	6.8	69	98.0	529	3.91	16.6	194	96.5	44.5	8.90	< 0.1	4.6	0.5	4.5	74.7		
WD13-004-213	11.2	0.3	9	0.194	1.02	2.52	0.19	0.08	1.38	7.2	80	46.2	580	3.84	9.6	32.7	42.6	46.6	6.66	< 0.1	5.2	0.4	5.9	70.1		
WD13-004-214	32.2	0.2	14	0.840	3.03	> 10.0	0.20	< 0.02	4.43	18.4	112	319	549	3.64	25.3	84.0	25.0	79.1	8.52	< 0.1	0.4	0.1	5.9	194		
WD13-004-215	7.8	0.2	11	1.12	1.54	> 10.0	0.16	< 0.02	4.07	10.4	76	191	301	2.02	13.0	47.3	17.6	18.9	8.56	< 0.1	0.5	< 0.1	4.1	235		
WD13-004-216	12.9	0.2	10	0.554	1.68	3.66	0.16	0.04	3.65	12.6	77	184	409	2.46	16.0	51.4	13.4	19.1	5.80	< 0.1	0.2	0.1	4.0	139		
WD13-004-217	7.5	0.2	8	0.828	1.52	> 10.0	0.18	< 0.02	4.02	11.8	75	211	303	2.12	14.2	53.4	19.9	18.0	6.95	< 0.1	0.3	< 0.1	5.0	189		
WD13-004-218	14.5	0.2	9	0.925	2.58	> 10.0	0.20	< 0.02	4.33	15.0	92	284	426	3.36	24.2	78.4	20.3	38.3	8.14	< 0.1	0.4	0.1	5.7	221		
WD13-004-219	12.1	0.2	10	0.864	2.49	> 10.0	0.21	< 0.02	4.30	13.8	86	261	439	3.13	19.8	67.3	18.4	23.3	7.66	< 0.1	0.4	< 0.1	6.2	204		
WD13-004-220	18.6	0.2	9	0.660	2.84	4.57	0.19	< 0.02	3.92	14.8	91	285	521	3.64	24.1	76.5	20.8	30.1	7.05	< 0.1	0.4	0.1	5.8	163		
WD13-004-221	23.5	0.2	12	0.455	2.73	3.67	0.18	0.05	4.28	14.2	90	254	658	3.44	23.3	74.1	17.4	30.2	6.61	< 0.1	0.5	0.2	5.9	123		
WD13-004-222	24.8	0.3	18	0.720	2.78	4.64	0.21	< 0.02	4.12	14.8	97	279	446	3.22	22.7	74.1	19.3	40.5	8.19	< 0.1	0.3	< 0.1	7.7	177		
WD13-004-223	22.9	0.2	19	0.693	2.97	4.57	0.19	0.02	3.46	13.2	93	282	474	3.34	22.8	73.3	19.1	45.9	8.03	< 0.1	0.5	< 0.1	7.3	152		
WD13-004-224	43.3	0.2	10	0.145	3.72	3.58	0.11	0.05	2.72	10.9	99	342	666	3.88	25.9	79.5	17.3	34.0	7.47	< 0.1	0.3	0.1	4.0	77.3		
WD13-004-225	47.4	0.2	8	0.093	2.39	2.41	0.09	0.05	2.04	10.9	96	300	451	2.86	21.0	72.3	8.57	27.2	4.91	< 0.1	0.3	< 0.1	3.5	77.3		
WD13-004-226	42.8	0.2	12	0.146	2.83	2.62	0.11	0.05	3.02	12.6	99	271	498	2.78	17.7	60.1	8.70	26.3	6.89	< 0.1	0.3	0.1	4.6	56.3		
WD13-004-227	33.0	0.2	18	0.581	4.09	4.58	0.19	0.04	3.21	15.8	111	353	656	4.36	29.3	89.6	21.5	51.4	8.46	< 0.1	0.6	< 0.1	7.0	116		
WD13-004-228	17.5	0.2	15	0.587	2.52	4.42	0.25	0.03	4.06	14.0	88	254	474	3.26	21.5	69.5	18.6	27.4	7.07	< 0.1	0.3	< 0.1	8.2	146		
WD13-004-229	15.1	0.2	11	0.632	2.61	4.50	0.22	< 0.02	3.71	13.5	87	263	460	3.33	21.7	70.7	18.0	25.4	7.03	< 0.1	0.2	< 0.1	7.0	149		
WD13-004-230	2.8	< 0.1	5	0.861	3.14	> 10.0	0.06	0.13	9.21	3.2	21	179	383	4.22	32.9	547	194	23.7	11.0	< 0.1	2.7	0.7	1.5	89.8		
WD13-004-231	9.3	0.2	13	0.711	1.76	> 10.0	0.27	< 0.02	4.14	12.5	79	213	317	2.35	16.3	59.2	18.5	17.4	6.99	< 0.1	0.2	< 0.1	8.4	186		
WD13-004-232	13.7	0.2	11	0.413	1.77	3.33	0.17	0.03	3.72	12.0	78	196	391	2.65	18.2	56.6	14.9	20.8	6.05	< 0.1	0.1	0.1	5.3	126		
WD13-004-233	13.3	0.2	15	0.611	2.05	3.76	0.18	0.03	4.00	14.1	91	234	419	2.71	18.9	63.5	18.1	24.3	7.19	< 0.1	0.2	< 0.1	6.0	153		
WD13-004-234	10.5	0.3	14	0.929	2.10	> 10.0	0.18	< 0.02	4.12	13.0	90	244	348	2.51	17.5	61.4	19.8	23.0	8.34	< 0.1	0.5	< 0.1	5.9	209		
WD13-004-235	13.6	0.2	15	0.612	2.48	4.35	0.17	0.08	3.77	13.0	96	252	480	2.98	20.2	65.3	21.0	25.2	7.54	< 0.1	0.3	0.1	5.5	144		
WD13-004-236	11.0	0.2	14	0.698	2.09	4.38	0.17	0.12	3.49	11.6	88	233	400	2.62	18.7	61.0	27.0	25.5	7.62	< 0.1	0.6	0.2	5.9	164		
WD13-004-237	13.4	0.2	12	0.768	2.77	> 10.0	0.19	0.02	3.51	13.4	96	289	465	3.13	20.9	68.6	18.9	34.0	8.08	< 0.1	0.4	< 0.1	6.8	165		
WD13-004-238	17.4	0.2	10	0.663	2.55	4.50	0.20	0.06	3.57	12.8	87	269	476	3.14	21.2	70.7	16.9	35.6	7.32	< 0.1	0.3	< 0.1	6.3	159		
WD13-004-239	6.5	0.2	7	0.798	1.79	> 10.0	0.20	< 0.02	3.91	11.2	76	219	309	2.20	15.0	54.9	17.1	17.4	7.31	< 0.1	0.4	< 0.1	6.1	190		
WD13-004-240	9.1	0.2	8	0.686	1.82	4.49	0.19	0.06	3.59	10.3	70	211	323	2.38	16.2	55.6	17.0	18.6	6.92	< 0.1	0.4	0.1	6.0	173		
WD13-004-241	13.3	0.2	10	0.584	2.13	4.02	0.16	0.08	4.11	14.5	83	237	438	2.86	19.7	64.4	14.3	22.0	6.68	< 0.1	0.2	0.2	4.7	153		
WD13-004-242	9.4	0.2	9	0.617	1.74	3.84	0.16	0.03	4.13	13.5	78	211	363	2.45	17.0	58.9	16.2	18.9	6.38	< 0.1	0.2	< 0.1	4.3	166		
WD13-004-243	5.4	0.2	8	0.927	1.58	> 10.0	0.18	< 0.02	4.56	13.9	81	216	265	1.77	13.0	54.4	16.9	14.9	7.67	< 0.1	0.3	0.1	5.2	230		
WD13-004-244	5.9	0.2	6	0.882	1.89	> 10.0	0.16	0.03	4.38	12.4	75	215	347	2.24	14.9	52.6	15.5	16.7	8.12	< 0.1	0.4	0.2	3.9	210		
WD13-004-245	2.8	< 0.1	3	0.763	3.07	> 10.0	0.06	0.11	9.25	3.3	19	165	372	4.07	31.1	516	193	23.2	10.9	< 0.1	2.7	0.8	1.5	89.0		

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 6:38AM	Mar 25 2013 6:38AM	Mar 25 2013 6:38AM	Mar 25 2013 6:38AM	Mar 25 2013 6:38AM	Mar 18 2013 4:51PM	Apr 8 2013 11:13AM	Apr 8 2013 11:13AM	Apr 8 2013 11:13AM
WD13-004-211	99.65	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.6	0.4
WD13-004-212	99.11	0.03	0.024	< 0.004	0.008	0.06	503	1940	447
WD13-004-213	99.42	< 0.01	0.006	< 0.004	0.005	0.04	5	1.2	1.7
WD13-004-214	99.20	0.07	0.013	< 0.004	< 0.004	0.02	1	3.5	2.0
WD13-004-215	99.18	0.06	0.014	0.004	< 0.004	0.01	1	2.6	1.4
WD13-004-216	98.79	0.08	0.018	< 0.004	< 0.004	0.02	< 1	3.0	1.5
WD13-004-217	100.2	0.08	0.013	0.006	< 0.004	0.01	1	2.8	1.9
WD13-004-218	99.97	0.08	0.017	< 0.004	< 0.004	0.02	< 1	3.0	1.6
WD13-004-219	99.58	0.08	0.018	0.004	< 0.004	0.01	1	2.8	1.5
WD13-004-220	100.1	0.07	0.016	0.004	< 0.004	0.01	1	3.0	1.6
WD13-004-221	100.4	0.07	0.016	0.005	< 0.004	0.03	1	2.8	1.5
WD13-004-222	98.96	0.06	0.015	< 0.004	< 0.004	0.02	1	3.0	2.2
WD13-004-223	99.30	0.06	0.017	< 0.004	< 0.004	0.03	1	2.7	1.6
WD13-004-224	99.33	0.08	0.016	< 0.004	< 0.004	< 0.01	< 1	2.9	1.8
WD13-004-225	99.65	0.08	0.015	0.004	< 0.004	< 0.01	< 1	2.8	1.8
WD13-004-226	99.49	0.07	0.013	0.005	< 0.004	< 0.01	< 1	3.1	1.8
WD13-004-227	99.45	0.08	0.016	0.005	< 0.004	0.02	2	3.2	2.0
WD13-004-228	99.01	0.07	0.017	< 0.004	0.005	0.02	1	3.2	2.1
WD13-004-229	100.5	0.08	0.016	< 0.004	< 0.004	0.02	1	4.1	2.1
WD13-004-230	100.1	0.08	0.064	0.004	0.019	0.10	1230	6160	1330
WD13-004-231	100.6	0.08	0.016	0.009	< 0.004	0.01	2	3.8	3.3
WD13-004-232	99.20	0.08	0.016	< 0.004	< 0.004	0.03	2	4.3	2.4
WD13-004-233	99.09	0.07	0.013	< 0.004	< 0.004	0.03	1	5.8	2.7
WD13-004-234	99.67	0.07	0.011	0.005	< 0.004	0.02	1	4.1	2.6
WD13-004-235	98.59	0.07	0.011	0.004	< 0.004	0.05	< 1	3.6	2.1
WD13-004-236	99.22	0.08	0.016	0.004	< 0.004	0.08	< 1	3.9	2.4
WD13-004-237	99.61	0.08	0.021	0.004	< 0.004	0.02	1	3.2	2.1
WD13-004-238	99.44	0.08	0.017	0.004	< 0.004	0.02	< 1	3.0	2.0
WD13-004-239	99.61	0.08	0.015	0.007	< 0.004	0.01	< 1	2.9	1.8
WD13-004-240	100.1	0.08	0.019	0.005	< 0.004	0.02	< 1	2.9	1.7
WD13-004-241	99.77	0.08	0.019	0.006	< 0.004	0.02	< 1	2.6	1.5
WD13-004-242	100.2	0.09	0.017	0.005	< 0.004	0.01	< 1	2.7	1.8
WD13-004-243	100.7	0.08	0.020	< 0.004	< 0.004	0.01	< 1	2.6	1.7
WD13-004-244	100.4	0.08	0.018	< 0.004	< 0.004	0.01	5	2.7	1.4
WD13-004-245	99.41	0.08	0.064	0.005	0.020	0.10	1260	6300	1440

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																									
CHR-BKG LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-214 Replicate Original	31.3	0.2	12	0.781	2.94	> 10.0	0.21	< 0.02	4.44	17.9	105	306	557	3.72	25.6	83.9	24.2	76.1	8.18	< 0.1	0.4	0.1	5.8	189	
WD13-004-214 LABDUP	33.0	0.3	17	0.898	3.12	> 10.0	0.20	< 0.02	4.43	18.9	119	332	542	3.57	25.0	84.2	25.9	82.1	8.86	< 0.1	0.5	0.1	6.0	199	
WD13-004-220 Replicate Original																									
WD13-004-220 LABDUP																									
WD13-004-221 Replicate Original																									
WD13-004-221 LABDUP																									
WD13-004-228 Replicate Original	17.7	0.2	16	0.589	2.49	4.41	0.25	0.03	4.11	14.1	88	254	471	3.26	21.5	69.6	18.6	27.9	6.97	< 0.1	0.2	< 0.1	8.2	146	
WD13-004-228 LABDUP	17.2	0.2	15	0.586	2.54	4.42	0.25	0.03	4.01	13.8	88	253	477	3.25	21.5	69.3	18.5	26.9	7.16	< 0.1	0.4	< 0.1	8.2	145	
WD13-004-230 Replicate Original																									
WD13-004-230 LABDUP																									
WD13-004-231 Replicate Original																									
WD13-004-231 LABDUP																									
WD13-004-240 Replicate Original																									
WD13-004-240 Split Original	9.1	0.2	8	0.686	1.82	4.49	0.19	0.06	3.59	10.3	70	211	323	2.38	16.2	55.6	17.0	18.6	6.92	< 0.1	0.4	0.1	6.0	173	
WD13-004-240 LABDUP																									
WD13-004-240 LABPREP	10.1	0.2	11	0.704	1.75	4.21	0.20	0.06	4.12	12.5	80	215	307	2.26	16.2	58.7	18.7	19.8	7.48	< 0.1	0.3	< 0.1	6.5	187	
WD13-004-242 Replicate Original																									
WD13-004-242 LABDUP																									

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-214 Replicate Original	3.64	3.2	< 0.1	0.53	0.086	0.19	< 0.02	0.17	0.04	< 0.02	0.80	63.2	2.5	4.76	0.7	3.16	0.8	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1
WD13-004-214 LABDUP	3.79	3.9	< 0.1	0.51	0.086	0.22	< 0.02	0.18	0.04	< 0.02	0.81	62.4	2.6	5.05	0.8	3.43	0.8	0.4	0.9	0.1	0.8	0.2	0.5	< 0.1
WD13-004-220 Replicate Original																								
WD13-004-220 LABDUP																								
WD13-004-221 Replicate Original																								
WD13-004-221 LABDUP																								
WD13-004-228 Replicate Original	3.55	12.2	< 0.1	0.32	0.021	0.04	< 0.02	0.16	0.03	< 0.02	1.25	74.6	2.8	5.12	0.7	3.19	0.8	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1
WD13-004-228 LABDUP	3.56	3.8	< 0.1	0.33	0.019	0.04	< 0.02	0.15	0.03	< 0.02	1.26	74.1	2.8	5.02	0.7	3.24	0.8	0.4	0.9	0.1	0.8	0.2	0.5	< 0.1
WD13-004-230 Replicate Original																								
WD13-004-230 LABDUP																								
WD13-004-231 Replicate Original																								
WD13-004-231 LABDUP																								
WD13-004-240 Replicate Original																								
WD13-004-240 Split Original	2.69	2.8	< 0.1	0.43	0.018	0.03	< 0.02	0.14	0.03	< 0.02	0.98	66.1	2.3	4.08	0.6	2.58	0.6	0.3	0.7	0.1	0.6	0.1	0.3	< 0.1
WD13-004-240 LABDUP																								
WD13-004-240 LABPREP	2.88	3.3	< 0.1	0.41	0.045	0.03	< 0.02	0.14	0.03	< 0.02	0.94	64.9	2.3	4.13	0.6	2.60	0.6	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-242 Replicate Original																								
WD13-004-242 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	2013-03- 25 06:38:41	
MICA-FE LABSTD													34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD													15.22	12.98	13.85	0.142	23.50	0.06			0.14			
AN-G LABSTD													46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD													38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
BaSO4 LABSTD													70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.55	2.18			27.89							
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-214 Replicate Original	0.4	< 0.1	0.1	< 0.05	< 0.1	0.002	< 5	0.17	15.7	0.3	0.1	< 10												
WD13-004-214 LABDUP	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.18	16.6	0.3	0.1	< 10												
WD13-004-220 Replicate Original																								
WD13-004-220 LABDUP																								
WD13-004-221 Replicate Original																								
WD13-004-221 LABDUP																								
WD13-004-228 Replicate Original	0.4	< 0.1	0.3	< 0.05	0.6	< 0.001	< 5	0.08	3.22	0.4	< 0.1	< 10												
WD13-004-228 LABDUP	0.4	< 0.1	0.1	< 0.05	0.6	< 0.001	< 5	0.09	3.49	0.4	< 0.1	< 10												
WD13-004-230 Replicate Original													45.45	22.17	6.95	0.080	8.77	12.65	1.27	0.12	0.10	0.02	0.009	2.50
WD13-004-230 LABDUP													45.30	22.18	6.87	0.088	8.72	12.64	1.21	0.12	0.11	< 0.01	0.010	2.50
WD13-004-231 Replicate Original																								
WD13-004-231 LABDUP																								
WD13-004-240 Replicate Original																								
WD13-004-240 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.15	0.3	< 0.1	< 10	50.61	11.95	10.00	0.197	11.56	12.30	1.53	0.46	0.37	0.05	0.047	0.93
WD13-004-240 LABDUP																								
WD13-004-240 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	1.05	0.3	< 0.1	< 10	50.53	11.96	10.00	0.182	11.63	12.39	1.48	0.46	0.38	0.04	0.046	0.96
WD13-004-242 Replicate Original																								
WD13-004-242 LABDUP																								

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-25 06:38:41	2013-03-25 06:38:41	2013-03-25 06:38:41	2013-03-25 06:38:41	2013-03-25 06:38:41	2013-03-18 16:51:29	2013-04-08 11:13:14	2013-04-08 11:13:14	2013-04-08 11:13:14

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.98			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.1			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1180	6360	1400
CDN-PGMS-22 LABSTD							1300	6250	1430
CDN-PGMS-23 LABSTD							508	2040	426
WD13-004-214 Replicate Original									
WD13-004-214 LABDUP									
WD13-004-220 Replicate Original						0.01			
WD13-004-220 LABDUP						0.01			
WD13-004-221 Replicate Original							1	2.9	1.6
WD13-004-221 LABDUP							1	2.6	1.5
WD13-004-228 Replicate Original									
WD13-004-228 LABDUP									
WD13-004-230 Replicate Original	100.3	0.08	0.064	0.004	0.019	0.10			
WD13-004-230 LABDUP	99.91	0.08	0.064	0.004	0.018	0.10			
WD13-004-231 Replicate Original							3	3.9	3.9
WD13-004-231 LABDUP							2	3.7	2.7
WD13-004-240 Replicate Original						0.02			
WD13-004-240 Split Original	100.1	0.08	0.019	0.005	< 0.004	0.02	< 1	2.9	1.7
WD13-004-240 LABDUP						0.02			
WD13-004-240 LABPREP	100.2	0.08	0.019	0.004	< 0.004	0.02	< 1	3.1	2.4
WD13-004-242 Replicate Original							< 1	2.6	1.7
WD13-004-242 LABDUP							1	2.9	1.8



Date Submitted: 11-Mar-13
Invoice No.: A13-02670
Invoice Date: 05-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical packages were requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra
Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A13-02670**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

Assays are recommended for values >10,000 for Cu and Au. Due to matrix change used in AR-MS analysis, the detection limits for Au has been modified to 5ppb. The AU from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02670 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-246	6.2	< 0.1	51	0.017	> 10.0	0.03	0.02	0.02	25.8	0.1	4	4.4	496	0.08	0.4	3.7	0.87	25.3	< 0.02	< 0.1	0.8	0.1	1.6	176		
WD13-004-247	10.3	0.2	7	0.386	1.98	> 10.0	0.16	0.10	3.92	6.7	59	84.9	524	4.07	17.0	192	92.5	42.9	8.17	< 0.1	4.2	0.4	4.3	69.1		
WD13-004-248	12.1	0.3	7	0.126	1.02	2.13	0.17	0.06	1.34	7.2	72	38.4	483	3.00	10.5	23.7	21.9	46.8	6.31	< 0.1	4.3	0.3	5.1	57.1		
WD13-004-249	4.1	0.2	6	0.884	1.57	> 10.0	0.19	< 0.02	4.06	10.7	67	192	255	1.73	11.7	46.4	15.8	13.4	7.67	< 0.1	0.3	< 0.1	5.1	204		
WD13-004-250	4.8	0.2	6	0.963	1.53	> 10.0	0.21	< 0.02	4.66	11.5	67	200	256	1.74	11.9	48.2	15.6	12.9	7.97	< 0.1	0.2	< 0.1	5.3	227		
WD13-004-251	9.9	0.2	6	0.697	2.17	4.74	0.17	< 0.02	4.66	14.6	79	236	407	2.67	17.8	61.9	14.9	20.4	7.23	< 0.1	0.2	< 0.1	4.2	186		
WD13-004-252	13.3	0.2	9	0.801	2.11	> 10.0	0.19	< 0.02	4.86	13.9	76	233	371	2.61	18.0	64.8	15.1	22.2	8.00	< 0.1	0.3	< 0.1	4.9	216		
WD13-004-253	10.8	0.3	10	0.813	1.79	> 10.0	0.14	0.02	4.43	11.8	75	196	329	2.27	15.1	51.0	13.8	28.0	8.02	< 0.1	0.4	0.1	4.1	217		
WD13-004-254	13.5	0.2	13	0.931	2.55	> 10.0	0.18	< 0.02	4.16	12.9	81	263	382	2.71	18.4	64.0	16.7	24.6	8.86	< 0.1	0.4	< 0.1	5.4	213		
WD13-004-255	11.1	0.2	8	0.779	1.87	> 10.0	0.19	< 0.02	3.91	10.2	65	195	314	2.13	13.9	49.3	13.5	17.9	7.55	< 0.1	0.4	< 0.1	5.1	188		
WD13-004-256	10.3	0.2	9	0.690	1.71	> 10.0	0.19	< 0.02	4.49	12.6	70	201	341	2.26	15.7	56.0	14.9	17.0	6.92	< 0.1	0.3	< 0.1	5.1	181		
WD13-004-257	19.9	0.2	13	0.388	1.81	3.15	0.13	0.06	3.76	11.2	78	198	373	2.21	16.0	54.5	18.5	19.6	6.39	< 0.1	0.2	0.1	4.4	123		
WD13-004-258	15.9	0.3	6	0.081	1.50	3.28	0.06	0.17	4.25	8.6	74	186	314	1.98	13.2	40.9	7.37	15.1	6.57	< 0.1	0.3	0.2	2.1	184		
WD13-004-259	12.6	0.2	16	0.378	1.63	3.37	0.15	0.24	3.28	9.8	74	182	353	2.03	14.5	49.3	14.9	17.6	6.42	< 0.1	0.4	0.1	5.3	112		
WD13-004-260	10.7	0.3	15	0.402	1.80	3.38	0.15	0.14	3.61	11.3	78	199	381	2.04	14.2	47.6	10.5	19.3	6.46	< 0.1	0.3	< 0.1	4.8	118		
WD13-004-261	11.5	0.2	15	0.471	1.92	3.66	0.15	0.06	3.73	11.2	78	202	404	2.20	14.6	47.1	13.5	19.2	6.37	< 0.1	0.3	< 0.1	4.7	125		
WD13-004-262	15.3	0.3	13	0.561	1.35	> 10.0	0.21	0.06	4.26	7.0	52	132	284	1.76	11.5	38.0	10.7	14.8	7.63	< 0.1	0.1	< 0.1	7.3	177		
WD13-004-263	15.8	0.2	11	0.736	2.68	> 10.0	0.20	< 0.02	4.12	12.6	77	263	424	3.11	20.8	70.0	14.9	24.9	7.90	< 0.1	0.5	< 0.1	5.7	174		
WD13-004-264	16.2	0.2	10	0.162	1.46	2.68	0.12	0.10	3.59	9.2	64	170	334	2.00	14.3	49.2	14.2	16.1	5.45	< 0.1	0.2	< 0.1	4.4	106		
WD13-004-265	3.0	< 0.1	8	1.01	3.36	> 10.0	0.06	0.11	9.20	3.5	26	191	378	3.90	29.9	526	216	26.3	12.4	< 0.1	2.8	0.9	1.5	97.6		
WD13-004-266	14.0	0.2	19	0.423	1.50	3.60	0.18	0.14	3.04	8.5	65	179	322	1.88	14.6	46.9	19.0	17.0	6.39	< 0.1	0.5	0.2	5.5	116		
WD13-004-267	18.6	0.2	11	0.421	2.43	3.30	0.19	0.05	3.46	13.1	72	215	502	2.72	17.8	57.8	7.96	21.2	5.71	< 0.1	0.2	< 0.1	5.5	108		
WD13-004-268	33.3	0.2	15	0.492	3.28	3.46	0.21	0.03	3.59	14.3	81	271	527	3.23	22.1	73.1	13.7	31.0	7.27	< 0.1	0.2	< 0.1	6.3	120		
WD13-004-269	13.8	0.2	12	0.846	1.94	> 10.0	0.23	< 0.02	4.43	12.6	70	222	311	2.28	16.2	61.4	14.5	19.8	7.35	< 0.1	0.3	< 0.1	6.5	215		
WD13-004-270	20.1	0.2	13	0.739	2.38	> 10.0	0.21	< 0.02	4.14	13.0	72	240	386	2.82	19.6	68.0	14.6	25.2	7.47	< 0.1	0.4	< 0.1	5.8	192		
WD13-004-271	10.5	0.2	13	0.810	1.61	> 10.0	0.23	< 0.02	4.13	11.6	64	200	272	1.83	13.2	53.0	14.4	16.5	6.92	< 0.1	0.3	< 0.1	6.4	200		
WD13-004-272	13.1	0.2	15	0.699	2.09	3.83	0.21	< 0.02	3.93	13.9	83	263	361	2.42	17.0	62.5	14.8	20.9	6.72	< 0.1	0.4	< 0.1	6.2	166		
WD13-004-273	15.4	0.2	19	0.925	2.15	> 10.0	0.21	0.02	4.40	12.1	74	231	351	2.29	15.7	58.0	14.0	22.1	8.36	< 0.1	0.2	< 0.1	6.8	214		
WD13-004-274	20.8	0.2	14	0.322	2.40	2.86	0.13	0.05	2.63	10.7	73	228	415	2.41	16.4	55.1	9.72	23.1	5.64	< 0.1	0.3	< 0.1	4.6	99.7		
WD13-004-275	16.4	0.2	13	0.702	2.99	4.62	0.25	< 0.02	3.53	13.5	78	290	438	2.91	20.5	71.1	12.5	26.2	7.01	< 0.1	0.2	0.1	7.9	159		
WD13-004-276	31.3	0.2	14	0.563	4.06	4.53	0.27	< 0.02	3.82	20.8	102	383	534	4.01	30.7	101	7.33	156	7.21	< 0.1	0.5	0.1	7.8	211		
WD13-004-277	51.8	0.3	18	0.451	5.12	3.80	0.21	< 0.02	3.82	23.3	118	415	764	4.48	29.6	99.2	9.88	195	7.97	< 0.1	0.5	< 0.1	6.6	123		
WD13-004-278	25.3	0.3	14	0.760	3.42	> 10.0	0.28	< 0.02	4.07	16.7	90	334	517	3.44	24.3	82.7	10.3	54.9	7.53	< 0.1	0.4	0.2	8.3	166		
WD13-004-279	13.6	0.2	14	0.732	1.91	> 10.0	0.29	< 0.02	4.29	13.2	71	223	352	2.22	15.7	58.4	12.5	22.3	6.69	< 0.1	0.4	0.1	8.9	181		
WD13-004-280	2.9	< 0.1	6	0.797	2.77	> 10.0	0.06	0.11	8.97	3.1	19	158	353	3.83	29.7	509	195	23.8	10.6	< 0.1	2.5	0.7	1.4	86.1		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm			
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-246	0.33	0.3	< 0.1	0.23	0.011	0.08	< 0.02	< 0.05	0.08	< 0.02	0.46	39.5	< 0.5	< 0.01	< 0.1	0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
WD13-004-247	7.01	4.7	< 0.1	9.14	0.112	0.10	0.02	1.61	0.75	0.22	0.35	85.5	4.8	11.7	1.3	5.85	1.4	0.5	1.7	0.3	1.6	0.3	0.8	0.1	0.8	0.1	
WD13-004-248	9.36	7.0	0.2	2.85	0.110	0.12	0.02	0.47	0.38	< 0.02	0.41	107	6.0	11.8	1.8	8.05	2.0	0.6	2.3	0.3	2.2	0.4	1.1	0.2	0.4	0.2	
WD13-004-249	2.55	2.7	< 0.1	0.29	0.020	0.02	< 0.02	0.14	0.03	< 0.02	1.02	62.8	2.0	3.49	0.5	2.40	0.6	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-250	2.57	2.4	< 0.1	0.41	0.020	0.02	< 0.02	0.13	0.03	< 0.02	0.48	72.3	2.2	3.73	0.5	2.41	0.6	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-251	3.21	2.7	< 0.1	0.24	0.005	0.02	< 0.02	0.14	0.03	< 0.02	0.54	56.7	2.3	4.22	0.6	2.79	0.7	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1	0.4	< 0.1	
WD13-004-252	2.65	2.3	< 0.1	0.31	0.020	0.03	< 0.02	0.11	0.03	< 0.02	0.72	56.7	2.2	3.74	0.5	2.31	0.5	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-253	3.06	2.5	< 0.1	0.23	0.016	0.02	< 0.02	0.15	0.04	< 0.02	0.63	53.3	2.3	4.18	0.6	2.68	0.6	0.3	0.6	0.1	0.7	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-254	2.53	2.5	< 0.1	0.35	0.016	0.03	< 0.02	0.13	0.04	< 0.02	0.86	59.1	2.2	3.68	0.5	2.39	0.6	0.3	0.6	< 0.1	0.5	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-255	2.55	2.3	< 0.1	0.24	0.033	0.03	< 0.02	0.13	0.03	< 0.02	0.70	58.7	2.1	3.48	0.5	2.34	0.6	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-256	3.16	2.6	< 0.1	0.62	0.024	0.02	< 0.02	0.11	0.03	< 0.02	0.75	55.4	2.3	4.12	0.6	2.68	0.6	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-257	4.75	2.8	< 0.1	1.86	0.009	0.02	< 0.02	0.14	0.03	< 0.02	0.85	29.4	2.7	5.64	0.9	3.99	1.0	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-258	4.48	2.8	< 0.1	0.30	0.029	0.01	< 0.02	0.19	0.05	< 0.02	0.30	9.1	2.8	5.28	0.8	3.91	1.0	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-259	4.68	3.2	< 0.1	3.15	0.015	0.02	< 0.02	0.20	0.06	< 0.02	1.05	36.4	2.6	5.60	0.9	4.12	1.1	0.4	1.1	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-260	4.58	2.7	< 0.1	1.29	0.013	0.03	< 0.02	0.16	0.05	< 0.02	0.84	36.7	2.6	5.69	0.8	3.85	1.0	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-261	4.65	2.9	< 0.1	0.27	0.045	0.03	< 0.02	0.14	0.04	< 0.02	0.70	41.1	2.5	5.78	0.8	3.99	1.0	0.4	1.1	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-262	3.01	2.0	< 0.1	0.32	0.028	0.02	< 0.02	0.11	0.03	< 0.02	1.52	56.4	2.2	4.41	0.6	2.84	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-263	2.54	2.3	< 0.1	0.20	0.023	0.03	< 0.02	0.14	0.03	< 0.02	0.88	59.2	2.1	3.92	0.5	2.38	0.6	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-264	4.02	2.5	< 0.1	0.28	0.012	0.02	< 0.02	0.11	0.04	< 0.02	0.72	22.6	2.2	4.81	0.7	3.37	0.9	0.3	0.9	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-265	0.95	0.8	< 0.1	8.57	0.234	0.07	< 0.02	1.69	0.97	0.55	0.14	19.8	1.6	6.50	0.3	1.03	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.1	< 0.1	
WD13-004-266	3.90	4.7	< 0.1	1.39	0.030	0.03	< 0.02	0.17	0.03	< 0.02	1.39	38.1	3.2	6.19	0.8	3.75	0.9	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1	0.5	< 0.1	
WD13-004-267	3.99	2.6	< 0.1	0.28	0.012	0.03	< 0.02	0.16	0.02	< 0.02	1.18	40.3	2.4	5.04	0.7	3.39	0.9	0.4	1.0	0.2	1.0	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-268	2.80	1.9	< 0.1	0.13	0.026	0.02	< 0.02	0.17	< 0.02	< 0.02	0.84	48.8	2.0	4.15	0.6	2.44	0.6	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-269	2.34	1.8	< 0.1	0.30	0.053	0.02	< 0.02	0.12	0.02	< 0.02	0.86	65.8	2.1	3.88	0.5	2.12	0.5	0.3	0.5	< 0.1	0.5	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-270	2.31	1.3	< 0.1	0.20	0.034	0.02	< 0.02	0.13	< 0.02	< 0.02	0.95	57.1	2.1	3.87	0.5	2.12	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-271	2.19	1.6	< 0.1	0.31	0.013	0.02	< 0.02	0.10	0.02	< 0.02	0.76	64.9	1.9	3.48	0.5	1.99	0.4	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-272	2.90	2.1	< 0.1	0.21	0.025	0.02	< 0.02	0.15	< 0.02	< 0.02	0.81	62.8	2.2	4.22	0.6	2.51	0.6	0.3	0.6	0.1	0.6	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-273	2.72	1.8	< 0.1	0.36	0.043	0.03	< 0.02	0.13	0.02	< 0.02	0.89	62.7	2.1	4.16	0.6	2.47	0.6	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-274	3.63	2.5	< 0.1	0.15	0.012	0.02	< 0.02	0.14	< 0.02	< 0.02	0.56	28.9	2.2	4.73	0.7	3.19	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	0.5	< 0.1	
WD13-004-275	2.49	1.4	< 0.1	0.36	0.013	0.08	< 0.02	0.12	0.03	< 0.02	1.26	63.1	2.0	3.75	0.5	2.25	0.5	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	0.3	< 0.1	
WD13-004-276	3.23	3.5	< 0.1	0.65	0.165	0.03	< 0.02	0.14	0.03	< 0.02	1.83	58.5	2.5	4.92	0.7	2.86	0.7	0.3	0.8	0.1	0.7	0.2	0.5	< 0.1	0.5	< 0.1	
WD13-004-277	4.29	4.1	< 0.1	0.56	0.241	0.13	< 0.02	0.14	0.03	< 0.02	1.02	44.2	2.9	6.16	0.9	3.83	0.9	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1	0.6	< 0.1	
WD13-004-278	3.01	3.2	< 0.1	0.35	0.066	0.07	< 0.02	0.16	0.02	< 0.02	1.20	68.8	2.4	4.69	0.6	2.77	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-279	2.66	1.8	< 0.1	0.37	0.018	0.04	< 0.02	0.11	0.02	< 0.02	0.99	70.7	2.2	4.20	0.6	2.41	0.6	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1	0.4	< 0.1	
WD13-004-280	0.83	0.5	< 0.1	7.78	0.150	0.06	< 0.02	1.51	0.82	0.50	0.13	18.7	1.4	5.89	0.2	0.88	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	0.1	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	
WD13-004-246	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.06	3.67	< 0.1	0.3	< 10	6.96	0.22	0.07	0.064	21.72	29.05	< 0.01	0.01	0.01	< 0.01	< 0.003	41.39
WD13-004-247	0.6	< 0.1	0.2	< 0.05	0.2	0.003	232	0.06	4.30	0.9	0.3	10	60.52	16.05	6.52	0.107	4.68	6.77	2.46	0.77	0.46	0.10	0.017	1.81
WD13-004-248	0.8	0.1	0.3	< 0.05	17.3	0.002	< 5	0.07	2.87	1.2	0.3	20	68.49	12.67	4.96	0.094	2.35	3.65	3.02	1.06	0.59	0.13	0.014	1.49
WD13-004-249	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	1.07	0.2	< 0.1	< 10	50.82	11.32	10.27	0.195	12.05	12.65	1.41	0.29	0.37	0.04	0.050	0.09
WD13-004-250	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.97	0.2	< 0.1	< 10	50.88	12.23	9.81	0.195	11.42	12.50	1.61	0.28	0.36	0.04	0.066	0.03
WD13-004-251	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.88	0.2	< 0.1	< 10	50.46	11.59	10.01	0.188	11.81	12.56	1.47	0.34	0.36	0.04	0.050	1.20
WD13-004-252	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	0.84	0.2	< 0.1	< 10	50.25	12.40	9.56	0.181	11.42	12.52	1.58	0.37	0.34	0.04	0.055	1.10
WD13-004-253	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.99	0.2	< 0.1	< 10	50.40	13.50	8.89	0.164	10.52	12.35	1.66	0.40	0.32	0.04	0.050	1.42
WD13-004-254	0.3	< 0.1	< 0.1	0.07	< 0.1	0.001	< 5	0.05	0.92	0.2	< 0.1	< 10	50.25	12.38	9.61	0.176	11.43	12.50	1.60	0.41	0.35	0.04	0.041	1.05
WD13-004-255	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.52	0.2	< 0.1	< 10	50.70	12.29	9.63	0.181	11.33	12.31	1.59	0.46	0.35	0.04	0.046	0.81
WD13-004-256	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.80	0.2	< 0.1	< 10	50.20	11.89	9.62	0.189	11.45	12.45	1.51	0.41	0.34	0.04	0.038	1.03
WD13-004-257	0.5	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.04	0.70	0.3	< 0.1	< 10	49.54	11.88	9.39	0.184	11.33	12.20	1.51	0.53	0.35	0.03	0.041	2.17
WD13-004-258	0.5	< 0.1	< 0.1	< 0.05	2.9	0.001	< 5	0.06	0.74	0.3	0.6	< 10	49.31	11.70	8.85	0.172	10.85	14.34	1.20	0.26	0.32	0.03	0.032	2.79
WD13-004-259	0.5	< 0.1	0.1	< 0.05	3.5	0.001	< 5	0.07	0.94	0.3	0.1	< 10	49.67	11.97	9.10	0.181	11.04	12.03	1.51	0.62	0.34	0.03	0.025	2.78
WD13-004-260	0.5	< 0.1	< 0.1	< 0.05	15.1	< 0.001	< 5	0.05	0.91	0.3	0.1	< 10	50.08	11.73	9.28	0.177	11.29	12.31	1.50	0.55	0.34	0.04	0.034	1.98
WD13-004-261	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	< 5	0.05	1.00	0.3	< 0.1	< 10	50.13	11.51	9.38	0.187	11.38	12.19	1.48	0.53	0.33	0.04	0.043	1.91
WD13-004-262	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.09	1.06	0.3	< 0.1	< 10	50.10	14.60	7.90	0.150	9.51	12.63	1.92	0.70	0.28	0.02	0.036	1.93
WD13-004-263	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.16	0.97	0.3	< 0.1	< 10	49.93	11.75	9.80	0.188	11.68	12.41	1.61	0.45	0.35	0.04	0.036	1.39
WD13-004-264	0.4	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 5	0.07	0.65	0.3	< 0.1	< 10	50.61	11.59	9.15	0.186	11.34	12.55	1.54	0.46	0.32	0.03	0.062	2.24
WD13-004-265	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1410	0.03	5.49	0.2	0.1	30	45.31	22.01	6.92	0.093	8.72	12.69	1.26	0.13	0.09	0.02	0.010	2.48
WD13-004-266	0.4	< 0.1	0.1	< 0.05	0.5	0.001	< 5	0.14	1.86	1.2	0.3	< 10	51.13	13.42	8.20	0.167	9.94	11.21	2.17	0.72	0.31	0.03	0.036	1.93
WD13-004-267	0.4	< 0.1	< 0.1	< 0.05	2.0	0.001	< 5	0.07	1.02	0.3	< 0.1	< 10	50.65	11.47	9.39	0.201	11.86	11.18	1.77	0.58	0.32	0.03	0.052	1.98
WD13-004-268	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.14	2.33	0.2	< 0.1	< 10	49.60	11.51	9.35	0.188	12.42	10.91	1.78	0.68	0.33	0.03	0.054	2.69
WD13-004-269	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.91	0.2	< 0.1	< 10	50.43	12.22	9.51	0.179	11.55	12.21	1.55	0.49	0.33	0.04	0.041	0.85
WD13-004-270	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.10	0.2	< 0.1	< 10	50.00	12.13	9.44	0.169	11.66	11.89	1.73	0.51	0.33	0.02	0.021	1.64
WD13-004-271	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	0.87	0.2	< 0.1	< 10	50.38	11.96	9.56	0.179	11.76	12.20	1.55	0.50	0.34	0.03	0.034	0.65
WD13-004-272	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.80	0.3	< 0.1	< 10	50.23	10.96	9.86	0.200	12.28	12.32	1.36	0.49	0.36	0.04	0.046	1.20
WD13-004-273	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.17	1.24	0.2	< 0.1	< 10	49.50	12.91	8.88	0.175	10.97	12.21	1.76	0.57	0.31	0.04	0.042	1.28
WD13-004-274	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.11	0.82	0.3	< 0.1	< 10	51.16	11.01	9.46	0.187	12.19	11.43	1.85	0.51	0.33	0.03	0.056	1.94
WD13-004-275	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.15	3.94	0.2	< 0.1	< 10	50.29	11.31	9.63	0.182	12.22	12.04	1.50	0.67	0.35	0.03	0.040	1.75
WD13-004-276	0.4	< 0.1	0.1	< 0.05	0.2	0.005	< 5	0.20	38.7	0.3	< 0.1	< 10	49.34	11.67	8.84	0.155	11.96	11.11	1.68	0.76	0.36	0.04	0.051	3.61
WD13-004-277	0.5	< 0.1	0.1	< 0.05	0.7	0.002	< 5	0.23	37.1	0.3	< 0.1	< 10	48.49	11.25	9.28	0.181	12.91	10.13	1.93	0.61	0.34	0.03	0.044	4.46
WD13-004-278	0.3	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.16	17.9	0.3	< 0.1	< 10	49.44	12.03	9.23	0.168	11.85	11.62	1.61	0.67	0.34	0.04	0.049	2.11
WD13-004-279	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	2.81	0.2	< 0.1	< 10	49.68	12.24	9.14	0.182	11.54	11.85	1.48	0.70	0.31	0.03	0.046	1.39
WD13-004-280	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	538	0.03	4.70	0.1	< 0.1	50	45.28	21.98	6.93	0.089	8.74	12.70	1.25	0.12	0.10	0.02	0.012	2.46

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 25 2013 6:44AM	Mar 18 2013 4:51PM	Mar 28 2013 4:29PM	Mar 28 2013 4:29PM	Mar 28 2013 4:29PM
WD13-004-246	99.50	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.5	0.2
WD13-004-247	100.3	0.02	0.027	< 0.004	0.005	0.05	531	1980	473
WD13-004-248	98.53	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	0.9	1.4
WD13-004-249	99.66	0.08	0.013	< 0.004	< 0.004	< 0.01	1	2.7	1.8
WD13-004-250	99.51	0.08	0.015	< 0.004	< 0.004	< 0.01	< 1	3.2	1.7
WD13-004-251	100.2	0.10	0.039	0.005	< 0.004	0.01	1	2.5	2.0
WD13-004-252	99.92	0.08	0.015	0.005	< 0.004	< 0.01	< 1	2.6	1.6
WD13-004-253	99.80	0.07	0.014	0.005	< 0.004	0.02	3	2.4	1.6
WD13-004-254	99.95	0.08	0.014	0.009	< 0.004	0.01	3	2.7	1.6
WD13-004-255	99.83	0.08	0.017	< 0.004	< 0.004	< 0.01	2	35.6	21.3
WD13-004-256	99.27	0.08	0.019	< 0.004	< 0.004	0.01	< 1	2.5	1.7
WD13-004-257	99.25	0.08	0.017	< 0.004	< 0.004	0.02	< 1	2.5	1.5
WD13-004-258	99.95	0.08	0.015	0.004	< 0.004	0.03	< 1	2.9	2.5
WD13-004-259	99.39	0.08	0.015	0.005	< 0.004	0.04	< 1	3.2	1.7
WD13-004-260	99.40	0.08	0.017	< 0.004	< 0.004	0.03	2	2.2	1.3
WD13-004-261	99.22	0.08	0.020	0.004	< 0.004	0.02	< 1	3.5	1.3
WD13-004-262	99.86	0.07	0.013	0.007	< 0.004	0.01	4	2.3	1.2
WD13-004-263	99.73	0.08	0.017	< 0.004	< 0.004	< 0.01	2	4.6	2.1
WD13-004-264	100.2	0.08	0.016	0.004	< 0.004	0.01	< 1	2.7	1.5
WD13-004-265	99.89	0.08	0.065	0.004	0.018	0.10	1120	6180	1430
WD13-004-266	99.35	0.07	0.015	0.004	< 0.004	0.04	< 1	2.6	2.8
WD13-004-267	99.58	0.08	0.018	< 0.004	< 0.004	0.02	< 1	2.5	1.3
WD13-004-268	99.64	0.08	0.020	< 0.004	< 0.004	< 0.01	< 1	2.8	1.3
WD13-004-269	99.49	0.08	0.016	< 0.004	< 0.004	< 0.01	< 1	2.3	1.3
WD13-004-270	99.64	0.08	0.015	0.005	< 0.004	< 0.01	1	2.4	1.6
WD13-004-271	99.25	0.08	0.015	0.007	< 0.004	< 0.01	< 1	2.2	1.2
WD13-004-272	99.46	0.10	0.020	0.004	< 0.004	< 0.01	< 1	2.4	1.6
WD13-004-273	98.74	0.08	0.020	< 0.004	< 0.004	< 0.01	< 1	2.5	1.6
WD13-004-274	100.3	0.08	0.020	0.007	< 0.004	< 0.01	< 1	2.1	1.2
WD13-004-275	100.1	0.09	0.020	0.004	< 0.004	< 0.01	2	3.8	2.5
WD13-004-276	99.68	0.08	0.022	0.005	< 0.004	< 0.01	< 1	2.5	1.6
WD13-004-277	99.76	0.08	0.023	0.004	< 0.004	< 0.01	< 1	1.9	1.0
WD13-004-278	99.26	0.08	0.015	0.007	< 0.004	< 0.01	< 1	2.7	1.3
WD13-004-279	98.68	0.08	0.019	< 0.004	< 0.004	< 0.01	< 1	2.3	1.2
WD13-004-280	99.84	0.08	0.064	0.004	0.018	0.10	1060	5900	1390

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																										
CHR-BKG LABSTD																										
AN-G LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD																										
AC-E LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion) LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-23 LABSTD																										
CDN-PGMS-23 LABSTD																										
WD13-004-250 Replicate Original	4.8	0.2	6	0.983	1.55	> 10.0	0.20	< 0.02	4.58	11.4	67	200	258	1.73	11.8	47.6	15.5	12.9	8.12	< 0.1	0.3	< 0.1	5.3	228		
WD13-004-250 LABDUP Replicate Original	4.9	0.2	5	0.943	1.52	> 10.0	0.21	< 0.02	4.75	11.6	67	200	254	1.75	12.0	48.8	15.6	13.0	7.82	< 0.1	0.2	< 0.1	5.3	227		
WD13-004-255 Replicate Original																										
WD13-004-255 LABDUP Replicate Original																										
WD13-004-256 Replicate Original																										
WD13-004-256 LABDUP Replicate Original	15.6	0.2	9	0.163	1.53	2.82	0.13	0.11	3.55	9.0	62	170	349	2.07	14.6	49.3	14.1	16.0	5.50	< 0.1	0.2	< 0.1	4.4	104		
WD13-004-264 Replicate Original	16.7	0.2	12	0.162	1.40	2.53	0.12	0.10	3.64	9.5	66	169	319	1.93	14.1	49.1	14.2	16.1	5.41	< 0.1	0.2	0.1	4.5	108		
WD13-004-264 LABDUP Replicate Original																										
WD13-004-265 Replicate Original																										
WD13-004-265 LABDUP Replicate Original																										
WD13-004-266 Replicate Original																										
WD13-004-266 LABDUP Replicate Original	16.4	0.2	13	0.702	2.99	4.62	0.25	< 0.02	3.53	13.5	78	290	438	2.91	20.5	71.1	12.5	26.2	7.01	< 0.1	0.2	0.1	7.9	159		
WD13-004-275 Replicate Original																										
WD13-004-275 LABDUP LABPREP	17.8	0.2	12	0.632	2.62	> 10.0	0.28	< 0.02	4.00	14.9	77	274	424	2.91	21.4	74.5	13.5	25.6	6.64	< 0.1	0.1	< 0.1	8.0	164		
WD13-004-277 Replicate Original	52.7	0.3	16	0.417	4.72	3.55	0.22	< 0.02	3.94	23.8	115	399	747	4.43	30.0	101	9.55	191	7.57	< 0.1	0.4	< 0.1	6.6	123		
WD13-004-277 LABDUP	50.9	0.3	20	0.485	5.51	4.05	0.20	< 0.02	3.69	22.8	122	432	782	4.53	29.1	97.4	10.2	199	8.37	< 0.1	0.7	< 0.1	6.5	124		

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	

MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-250 Replicate Original	2.59	2.5	< 0.1	0.40	0.017	0.02	< 0.02	0.13	0.03	< 0.02	0.48	71.9	2.2	3.70	0.5	2.42	0.6	0.3	0.7	< 0.1	0.6	0.1	0.3	< 0.1
WD13-004-250 LABDUP	2.56	2.3	< 0.1	0.43	0.023	0.02	< 0.02	0.13	0.03	0.02	0.48	72.7	2.2	3.76	0.6	2.40	0.6	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1
WD13-004-255 Replicate Original																								
WD13-004-255 LABDUP																								
WD13-004-256 Replicate Original																								
WD13-004-256 LABDUP																								
WD13-004-264 Replicate Original	3.95	2.6	< 0.1	0.28	0.007	0.03	< 0.02	0.11	0.04	< 0.02	0.74	23.1	2.2	4.82	0.7	3.41	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1
WD13-004-264 LABDUP	4.08	2.5	< 0.1	0.28	0.018	0.02	< 0.02	0.11	0.04	< 0.02	0.69	22.1	2.1	4.79	0.7	3.33	0.8	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1
WD13-004-265 Replicate Original																								
WD13-004-265 LABDUP																								
WD13-004-266 Replicate Original																								
WD13-004-266 LABDUP																								
WD13-004-275 Replicate Original																								
WD13-004-275 Split Original	2.49	1.4	< 0.1	0.36	0.013	0.08	< 0.02	0.12	0.03	< 0.02	1.26	63.1	2.0	3.75	0.5	2.25	0.5	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1
WD13-004-275 LABDUP																								
WD13-004-275 LABPREP	2.47	1.7	< 0.1	0.37	0.022	0.08	< 0.02	0.11	< 0.02	< 0.02	1.24	62.2	2.0	3.64	0.5	2.08	0.5	0.2	0.6	< 0.1	0.5	0.1	0.3	< 0.1
WD13-004-277 Replicate Original	4.24	3.9	< 0.1	0.55	0.061	0.13	< 0.02	0.13	0.03	< 0.02	1.02	44.7	2.9	6.15	0.8	3.71	0.9	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1
WD13-004-277 LABDUP	4.34	4.3	< 0.1	0.56	0.422	0.12	< 0.02	0.14	0.04	< 0.02	1.03	43.7	2.9	6.16	0.9	3.94	0.9	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppb	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SI02	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-26 11:45:53	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06			0.14		
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD														32.55	2.18				27.89					
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-250 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.05	1.00	0.2	< 0.1	< 10												
WD13-004-250 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.95	0.2	< 0.1	< 10												
WD13-004-255 Replicate Original																								
WD13-004-255 LABDUP																								
WD13-004-256 Replicate Original																								
WD13-004-256 LABDUP																								
WD13-004-264 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	0.6	0.001	< 5	0.07	0.67	0.3	< 0.1	< 10												
WD13-004-264 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.6	< 0.001	< 5	0.07	0.63	0.2	< 0.1	< 10												
WD13-004-265 Replicate Original													45.08	21.85	6.88	0.091	8.66	12.61	1.25	0.14	0.09	0.03	0.010	2.48
WD13-004-265 LABDUP													45.54	22.16	6.96	0.094	8.78	12.77	1.27	0.11	0.10	0.01	0.011	2.48
WD13-004-266 Replicate Original																								
WD13-004-266 LABDUP																								
WD13-004-275 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.15	3.94	0.2	< 0.1	< 10	50.29	11.31	9.63	0.182	12.22	12.04	1.50	0.67	0.35	0.03	0.040	1.75
WD13-004-275 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	3.68	0.2	< 0.1	< 10	49.61	11.77	9.51	0.184	12.37	12.00	1.42	0.65	0.36	0.04	0.038	1.69
WD13-004-275 LABPREP																								
WD13-004-277 Replicate Original	0.5	< 0.1	0.1	< 0.05	0.2	0.002	< 5	0.23	35.8	0.3	< 0.1	< 10												
WD13-004-277 LABDUP	0.5	< 0.1	0.1	< 0.05	1.2	0.002	< 5	0.23	38.3	0.3	< 0.1	< 10												

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-25 06:44:15	2013-03-18 16:51:29	2013-03-28 16:29:22	2013-03-28 16:29:22	2013-03-28 16:29:22

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.8			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1210	6330	1520
CDN-PGMS-22 LABSTD							1070	5950	1380
CDN-PGMS-23 LABSTD							466	2020	487
CDN-PGMS-23 LABSTD							469	2050	492
WD13-004-250 Replicate Original									
WD13-004-250 LABDUP									
WD13-004-255 Replicate Original						< 0.01			
WD13-004-255 LABDUP						< 0.01			
WD13-004-256 Replicate Original							2	2.5	1.7
WD13-004-256 LABDUP							< 1	2.5	1.6
WD13-004-264 Replicate Original									
WD13-004-264 LABDUP									
WD13-004-265 Replicate Original	99.33	0.08	0.066	0.004	0.018	0.10			
WD13-004-265 LABDUP	100.4	0.08	0.064	0.004	0.018	0.10			
WD13-004-266 Replicate Original							1	2.6	3.1
WD13-004-266 LABDUP							< 1	2.5	2.5
WD13-004-275 Replicate Original						< 0.01			
WD13-004-275 Split Original	100.1	0.09	0.020	0.004	< 0.004	< 0.01	2	3.8	2.5
WD13-004-275 LABDUP						< 0.01			
WD13-004-275 LABPREP	99.76	0.09	0.018	< 0.004	< 0.004	< 0.01	2	3.3	2.3
WD13-004-277 Replicate Original							< 1	1.7	1.0
WD13-004-277 LABDUP							< 1	2.0	1.0



Date Submitted: 11-Mar-13
Invoice No.: A13-02678
Invoice Date: 05-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical packages were requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra
Code UT-1-0.5g Aqua Regia ICP/MS

REPORT **A13-02678**

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Notes:

Assays are recommended for values >10,000 for Cu and Au. Due to matrix change used in AR-MS analysis, the detection limits for Au has been modified to 5ppb. The AU from AR-MS is only semi-quantitative. For accurate Au data, fire assay is recommended.

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive, somewhat stylized font.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02678 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-281	5.0	< 0.1	33	0.012	> 10.0	0.02	0.02	< 0.02	27.9	< 0.1	3	2.0	461	0.07	0.4	4.4	1.18	19.6	< 0.02	< 0.1	0.3	< 0.1	0.7	166		
WD13-004-282	12.1	0.3	10	0.426	1.81	> 10.0	0.18	0.09	4.41	7.8	64	88.6	546	4.23	18.0	211	103	46.4	8.81	< 0.1	4.3	0.5	4.9	77.5		
WD13-004-283	13.8	0.3	10	0.138	0.88	1.95	0.18	0.06	1.45	8.1	74	37.3	451	2.79	10.2	25.4	24.4	50.0	6.40	< 0.1	4.2	0.3	5.5	61.6		
WD13-004-284	14.4	0.2	15	0.818	2.21	> 10.0	0.25	< 0.02	4.09	12.8	77	241	378	2.25	15.2	59.2	13.8	22.4	7.43	< 0.1	0.3	< 0.1	7.7	178		
WD13-004-285	12.5	0.2	15	0.873	2.25	> 10.0	0.23	< 0.02	3.60	11.8	75	260	355	2.28	16.0	60.8	14.2	23.0	7.47	< 0.1	0.5	< 0.1	7.4	182		
WD13-004-286	34.7	0.2	12	0.638	4.29	> 10.0	0.21	< 0.02	3.84	18.1	99	383	678	4.07	28.5	90.1	11.0	59.5	7.85	< 0.1	0.4	< 0.1	6.0	146		
WD13-004-287	14.1	0.2	14	0.661	2.46	> 10.0	0.32	< 0.02	3.89	13.9	74	254	429	2.84	18.7	69.0	13.6	22.4	6.31	< 0.1	0.7	< 0.1	8.9	157		
WD13-004-288	20.5	0.2	13	0.767	2.80	> 10.0	0.24	< 0.02	3.85	13.1	74	257	413	2.99	19.9	71.1	14.5	28.9	7.42	< 0.1	0.5	< 0.1	7.0	182		
WD13-004-289	18.5	0.2	18	0.851	3.00	> 10.0	0.25	< 0.02	3.69	12.7	79	272	419	2.86	17.4	63.8	15.4	25.5	7.92	< 0.1	0.6	< 0.1	8.2	177		
WD13-004-290	21.1	0.2	11	0.837	3.19	> 10.0	0.25	< 0.02	3.98	13.1	73	282	450	3.25	22.2	77.0	18.7	29.7	7.85	< 0.1	0.3	< 0.1	6.7	183		
WD13-004-291	42.9	0.2	11	0.605	4.76	> 10.0	0.21	< 0.02	3.71	17.4	96	385	677	4.74	30.2	96.5	11.7	43.7	8.40	< 0.1	0.5	< 0.1	5.9	138		
WD13-004-292	31.1	0.2	11	0.316	2.59	3.83	0.21	0.08	3.24	10.7	65	216	449	2.81	16.9	57.0	8.39	74.6	5.96	< 0.1	0.3	< 0.1	7.2	107		
WD13-004-293	35.5	0.3	10	0.290	2.86	3.43	0.18	0.13	3.26	13.8	79	259	500	3.13	19.5	67.4	7.18	88.1	5.86	< 0.1	0.3	0.1	5.5	90.1		
WD13-004-294	79.1	0.4	10	0.234	4.87	3.55	0.14	0.06	2.09	18.6	95	433	623	4.26	26.3	97.9	5.52	221	7.00	< 0.1	0.3	< 0.1	3.8	70.1		
WD13-004-295	96.8	0.2	12	0.247	6.30	3.95	0.14	< 0.02	2.80	22.2	109	516	827	5.26	33.6	114	14.3	174	8.31	< 0.1	0.2	< 0.1	4.0	74.4		
WD13-004-296	31.2	0.2	13	0.520	2.72	3.48	0.18	0.02	2.89	10.3	67	267	451	2.79	18.1	63.9	5.95	34.0	6.43	< 0.1	0.2	0.2	6.0	127		
WD13-004-297	21.8	0.2	21	0.566	2.38	3.99	0.25	0.11	3.52	12.9	80	283	436	2.58	18.8	69.6	12.4	27.5	6.85	< 0.1	0.3	< 0.1	8.4	135		
WD13-004-298	11.5	0.2	15	0.787	1.87	> 10.0	0.21	< 0.02	3.41	9.2	60	234	317	2.00	13.6	53.9	13.3	18.6	6.79	< 0.1	0.4	< 0.1	6.8	168		
WD13-004-299	18.9	0.2	13	0.567	2.38	4.36	0.23	0.06	3.65	10.8	70	249	435	2.40	15.7	58.2	11.0	23.0	6.56	< 0.1	0.5	0.1	7.0	128		
WD13-004-300	2.9	< 0.1	5	0.899	3.01	> 10.0	0.06	0.15	8.72	2.9	20	168	379	4.00	30.3	522	200	25.9	10.9	< 0.1	2.5	0.7	1.4	84.9		
WD13-004-301	11.1	0.2	11	0.698	1.65	> 10.0	0.25	0.02	3.68	9.9	58	219	274	1.92	14.7	58.5	13.1	18.9	6.05	< 0.1	0.3	< 0.1	7.2	165		
WD13-004-302	15.6	0.2	15	0.562	1.81	4.01	0.19	0.12	3.81	11.2	72	234	347	2.21	16.7	61.8	20.5	20.1	6.65	< 0.1	0.4	< 0.1	6.3	141		
WD13-004-303	15.1	0.2	13	0.455	1.84	3.83	0.17	0.90	3.09	9.3	63	208	357	2.12	17.0	59.5	16.9	69.0	5.90	< 0.1	1.3	< 0.1	5.1	113		
WD13-004-304	13.1	0.2	9	0.601	1.99	4.45	0.20	0.02	4.05	11.5	61	230	397	2.28	15.7	58.2	11.5	20.3	6.16	< 0.1	0.5	< 0.1	5.5	146		
WD13-004-305	16.6	0.2	15	0.488	1.71	3.66	0.16	0.08	3.79	10.1	61	192	365	2.08	15.1	55.5	14.9	24.2	6.10	< 0.1	0.5	0.1	4.7	115		
WD13-004-306	17.2	0.2	16	0.568	1.69	3.95	0.17	0.11	3.92	11.1	66	205	366	2.25	16.5	61.0	15.1	24.7	6.38	< 0.1	0.6	< 0.1	4.8	144		
WD13-004-307	17.7	0.2	14	0.351	1.69	3.18	0.20	0.16	3.52	10.5	67	213	358	2.15	16.2	60.1	15.6	51.7	5.61	< 0.1	1.3	< 0.1	6.2	149		
WD13-004-308	19.8	0.2	15	0.307	1.65	3.43	0.13	0.12	4.19	9.1	63	190	367	1.89	13.7	51.0	9.73	24.1	5.98	< 0.1	0.4	< 0.1	3.6	196		
WD13-004-309	12.7	0.2	9	0.708	2.17	> 10.0	0.23	0.03	3.61	10.5	63	280	388	2.55	17.9	66.2	11.9	25.4	6.89	< 0.1	0.6	< 0.1	6.4	174		
WD13-004-310	14.1	0.2	7	0.559	1.86	4.09	0.17	0.03	3.40	9.7	56	223	351	2.24	16.2	58.5	11.3	20.2	5.74	< 0.1	0.2	< 0.1	4.5	138		
WD13-004-311	18.9	0.2	10	0.553	2.09	3.90	0.19	< 0.02	3.64	11.7	68	263	382	2.57	19.5	71.0	11.1	25.9	6.34	< 0.1	0.4	< 0.1	5.4	146		
WD13-004-312	19.3	0.2	12	0.325	1.51	3.21	0.12	0.06	3.17	7.9	57	173	323	1.86	13.2	48.4	12.3	17.6	5.68	< 0.1	0.2	< 0.1	3.9	111		
WD13-004-313	17.6	0.2	12	0.320	2.03	3.68	0.15	76.0	3.24	9.7	71	239	404	2.34	18.6	62.1	45.0	22.8	6.16	< 0.1	0.6	0.6	5.4	107		
WD13-004-314	16.5	0.2	9	0.273	1.62	3.21	0.15	0.24	3.04	8.8	58	192	350	2.07	15.5	54.7	8.55	16.3	4.97	< 0.1	0.3	< 0.1	4.5	95.0		
WD13-004-315	3.1	< 0.1	6	0.884	2.73	> 10.0	0.06	0.11	8.60	3.0	22	163	342	3.61	28.6	508	204	24.4	10.6	< 0.1	2.4	0.8	1.4	87.4		

Activation Laboratories Ltd.

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	
WD13-004-281	0.30	0.3	< 0.1	0.05	0.007	0.07	< 0.02	< 0.05	0.04	< 0.02	0.28	36.9	< 0.5	0.28	< 0.1	0.21	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
WD13-004-282	7.64	5.1	< 0.1	9.51	0.123	0.12	0.03	1.71	0.78	0.21	0.37	90.5	5.4	13.8	1.5	6.26	1.4	0.4	1.6	0.3	1.6	0.3	0.9	0.1	
WD13-004-283	9.65	6.8	0.2	2.90	0.155	0.15	0.02	0.48	0.41	< 0.02	0.40	106	6.2	12.8	1.9	8.08	1.8	0.5	1.9	0.3	2.1	0.4	1.1	0.2	
WD13-004-284	2.75	2.0	< 0.1	0.20	0.024	0.03	< 0.02	0.19	0.03	< 0.02	0.81	62.2	2.1	4.10	0.6	2.38	0.6	0.3	0.5	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-285	2.24	2.2	< 0.1	0.24	0.019	0.04	< 0.02	0.16	0.02	< 0.02	1.02	62.2	2.0	3.51	0.5	2.10	0.5	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-286	2.91	2.6	< 0.1	0.36	0.028	0.04	< 0.02	0.16	0.25	< 0.02	1.47	51.9	2.5	4.41	0.6	2.61	0.6	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-287	2.56	2.0	< 0.1	0.23	0.008	0.04	< 0.02	0.25	0.04	< 0.02	1.18	71.7	2.1	3.92	0.5	2.30	0.5	0.3	0.6	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-004-288	2.09	1.3	< 0.1	0.24	0.025	0.04	< 0.02	0.16	0.03	< 0.02	1.01	58.8	1.9	3.36	0.4	1.85	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-289	2.35	1.7	< 0.1	0.19	0.030	0.02	< 0.02	0.24	0.04	< 0.02	0.86	67.8	2.0	3.68	0.5	2.16	0.5	0.3	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-290	2.14	1.7	< 0.1	0.24	0.100	0.03	< 0.02	0.16	0.02	< 0.02	0.98	59.5	2.0	3.54	0.5	2.00	0.5	0.3	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-291	3.04	2.6	< 0.1	0.37	0.039	0.12	< 0.02	0.22	0.03	< 0.02	1.23	47.8	2.8	5.02	0.6	2.88	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-292	3.56	2.3	< 0.1	0.18	0.025	0.02	< 0.02	0.12	0.03	< 0.02	1.35	40.9	2.4	5.01	0.7	3.33	0.8	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-293	4.27	3.0	< 0.1	0.21	0.037	0.02	< 0.02	0.15	0.04	< 0.02	1.25	32.8	2.4	5.37	0.8	3.70	0.9	0.4	1.1	0.2	1.1	0.2	0.6	< 0.1	
WD13-004-294	3.47	4.3	< 0.1	0.25	0.039	0.02	< 0.02	0.12	0.03	< 0.02	0.84	23.7	1.5	3.47	0.6	2.61	0.7	0.2	0.9	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-295	2.94	3.2	< 0.1	0.31	0.044	0.12	< 0.02	0.15	< 0.02	< 0.02	0.81	30.3	2.1	4.27	0.6	2.67	0.7	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-296	2.44	1.5	< 0.1	0.25	0.044	0.07	< 0.02	0.11	< 0.02	< 0.02	0.86	47.3	1.9	3.85	0.5	2.31	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-297	3.62	2.2	< 0.1	0.99	0.038	0.03	< 0.02	0.14	0.03	< 0.02	1.41	56.3	2.5	5.41	0.8	3.54	0.9	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-298	2.17	2.2	< 0.1	0.17	0.040	0.01	< 0.02	0.13	0.03	< 0.02	1.27	57.7	2.0	3.70	0.5	2.25	0.5	0.3	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-299	3.19	2.7	< 0.1	2.59	0.012	0.04	< 0.02	0.18	0.03	< 0.02	0.96	53.4	2.4	4.89	0.7	3.14	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-300	0.80	0.7	< 0.1	8.19	0.174	0.05	< 0.02	1.63	0.87	0.58	0.15	19.9	1.6	6.44	0.3	0.96	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-004-301	1.75	1.6	< 0.1	0.20	0.030	0.04	< 0.02	0.13	0.03	< 0.02	1.17	61.0	1.8	3.12	0.4	1.69	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-302	3.43	2.6	< 0.1	0.66	0.032	0.03	< 0.02	0.13	0.04	< 0.02	0.96	43.7	2.3	5.12	0.7	3.23	0.8	0.3	0.7	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-303	3.50	2.8	< 0.1	3.18	0.048	0.18	0.02	0.12	0.09	< 0.02	1.12	34.3	2.3	5.08	0.7	3.52	0.9	0.3	0.9	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-304	2.96	2.3	< 0.1	0.16	0.013	0.03	< 0.02	0.13	0.07	< 0.02	0.75	47.0	2.4	4.81	0.7	2.91	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-305	3.38	3.1	< 0.1	0.55	0.037	0.04	< 0.02	0.12	0.04	< 0.02	0.96	36.2	2.6	5.61	0.8	3.46	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-306	3.66	2.3	< 0.1	0.32	0.040	0.03	< 0.02	0.12	0.06	< 0.02	1.18	38.3	2.5	5.45	0.8	3.57	0.9	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-307	3.54	2.0	< 0.1	0.37	0.048	0.14	0.02	0.14	0.16	< 0.02	1.20	39.9	2.4	5.25	0.7	3.39	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-308	3.52	1.9	< 0.1	1.38	0.029	0.04	< 0.02	0.13	0.03	< 0.02	0.83	26.0	2.7	5.58	0.8	3.47	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-309	2.07	1.2	< 0.1	0.18	0.034	0.02	< 0.02	0.19	0.04	< 0.02	1.16	55.0	1.9	3.40	0.4	1.99	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-310	2.23	1.5	< 0.1	0.16	0.020	0.02	< 0.02	0.10	0.02	< 0.02	0.89	39.6	1.9	3.53	0.5	2.11	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-311	2.40	1.9	< 0.1	0.15	0.023	0.03	< 0.02	0.16	0.03	< 0.02	0.92	44.6	1.9	3.69	0.5	2.18	0.5	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-004-312	3.46	2.1	< 0.1	0.42	0.023	0.02	< 0.02	0.10	0.03	< 0.02	0.66	24.9	2.2	4.83	0.7	3.22	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-313	3.78	2.2	< 0.1	1.14	0.181	0.03	< 0.02	0.13	0.03	< 0.02	0.88	29.4	2.3	5.03	0.7	3.49	0.9	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-314	3.35	2.3	< 0.1	1.15	0.027	0.01	< 0.02	0.10	0.03	< 0.02	0.68	26.8	2.3	4.78	0.7	3.08	0.8	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1	
WD13-004-315	0.81	0.5	< 0.1	7.54	0.301	0.06	< 0.02	1.56	0.81	0.53	0.13	19.0	1.5	6.20	0.2	0.92	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI		
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	
WD13-004-281	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.98	< 0.1	0.3	< 10	5.21	0.16	0.07	0.059	21.50	29.34	< 0.01	0.01	0.02	0.02	< 0.003	42.77	
WD13-004-282	0.6	< 0.1	0.2	< 0.05	0.2	0.002	375	0.06	4.34	0.9	0.4	20	59.80	15.73	6.47	0.104	4.60	6.73	2.50	0.75	0.46	0.10	0.020	1.74	
WD13-004-283	0.8	0.1	0.2	< 0.05	15.0	0.001	< 5	0.06	2.57	1.1	0.4	10	68.99	12.13	4.99	0.095	2.24	3.69	3.12	1.07	0.60	0.14	0.021	1.43	
WD13-004-284	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.30	0.2	< 0.1	< 10	50.14	11.63	9.37	0.189	11.85	11.98	1.57	0.64	0.31	0.04	0.031	1.41	
WD13-004-285	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	2.63	0.3	< 0.1	< 10	50.54	11.18	9.82	0.179	12.19	12.45	1.49	0.53	0.34	0.04	0.059	0.84	
WD13-004-286	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.15	15.9	0.3	0.1	< 10	49.03	11.12	9.31	0.184	12.40	11.38	1.61	0.50	0.35	0.04	0.058	3.08	
WD13-004-287	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.53	0.3	< 0.1	< 10	50.69	10.79	10.27	0.194	12.74	11.87	1.36	0.65	0.34	0.04	0.044	1.24	
WD13-004-288	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.49	0.2	< 0.1	< 10	50.00	11.54	9.69	0.168	12.30	11.80	1.61	0.56	0.33	0.03	0.058	1.90	
WD13-004-289	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.13	1.17	0.2	< 0.1	< 10	50.27	11.52	9.72	0.183	12.13	11.68	1.44	0.64	0.33	0.03	0.047	1.42	
WD13-004-290	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	1.45	0.3	< 0.1	< 10	49.95	12.08	9.25	0.174	11.64	11.72	1.52	0.58	0.33	0.05	0.042	1.84	
WD13-004-291	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	15.7	0.3	< 0.1	< 10	48.67	11.07	9.75	0.164	12.63	10.77	1.54	0.51	0.31	0.04	0.057	3.45	
WD13-004-292	0.4	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.08	14.1	0.3	< 0.1	< 10	50.00	12.61	9.09	0.179	11.68	10.97	1.78	0.72	0.30	0.03	0.035	2.45	
WD13-004-293	0.5	< 0.1	0.1	< 0.05	0.6	< 0.001	< 5	0.06	21.1	0.3	< 0.1	< 10	50.27	10.74	9.89	0.196	12.96	10.94	1.74	0.48	0.32	0.04	0.028	2.38	
WD13-004-294	0.4	< 0.1	0.1	< 0.05	0.3	0.001	< 5	0.18	48.9	0.3	0.1	< 10	49.95	11.26	9.53	0.175	13.81	8.12	2.40	0.46	0.31	0.03	0.047	4.02	
WD13-004-295	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.16	55.1	0.3	0.2	< 10	48.54	11.38	9.73	0.179	14.64	7.52	2.20	0.41	0.31	0.04	0.041	5.68	
WD13-004-296	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.07	7.48	0.3	< 0.1	< 10	49.94	11.31	9.55	0.201	12.81	10.82	1.65	0.65	0.30	0.03	0.048	2.54	
WD13-004-297	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.10	3.71	0.3	< 0.1	< 10	50.34	11.46	9.49	0.189	12.51	11.28	1.46	0.70	0.32	0.02	0.045	1.84	
WD13-004-298	0.3	< 0.1	< 0.1	0.31	< 0.1	< 0.001	< 5	0.15	1.42	0.3	< 0.1	< 10	50.33	11.72	9.49	0.195	12.31	11.77	1.39	0.60	0.30	0.03	0.035	1.02	
WD13-004-299	0.4	< 0.1	< 0.1	< 0.05	0.1	0.004	< 5	0.19	6.52	0.3	0.1	< 10	50.17	11.25	9.34	0.195	12.27	11.66	1.49	0.65	0.31	0.02	0.054	1.95	
WD13-004-300	0.1	< 0.1	< 0.1	< 0.05	0.1	0.004	924	0.03	5.89	0.1	< 0.1	30	45.13	21.90	6.86	0.095	8.69	12.62	1.25	0.11	0.10	0.01	0.009	2.41	
WD13-004-301	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.16	1.61	0.3	< 0.1	< 10	50.75	11.49	9.60	0.185	12.39	12.00	1.39	0.61	0.32	0.03	0.044	0.86	
WD13-004-302	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.10	1.33	0.3	< 0.1	< 10	49.85	11.24	9.38	0.194	12.16	12.09	1.33	0.50	0.31	0.03	0.044	1.64	
WD13-004-303	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.09	22.7	0.3	< 0.1	< 10	49.70	11.21	9.25	0.178	12.01	11.89	1.34	0.58	0.31	0.03	0.049	2.01	
WD13-004-304	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	2.10	0.3	0.1	< 10	50.96	11.29	9.55	0.178	12.53	11.97	1.49	0.50	0.32	0.03	0.033	1.65	
WD13-004-305	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.08	3.44	0.3	< 0.1	< 10	50.16	11.27	9.36	0.179	12.25	12.07	1.34	0.54	0.32	0.04	0.046	1.94	
WD13-004-306	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.07	3.49	0.3	< 0.1	< 10	49.87	11.46	9.23	0.188	12.04	11.87	1.33	0.50	0.31	0.02	0.032	1.88	
WD13-004-307	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.11	17.7	0.3	< 0.1	< 10	49.65	11.36	9.24	0.177	12.13	11.70	1.32	0.63	0.30	0.03	0.047	2.22	
WD13-004-308	0.4	< 0.1	< 0.1	< 0.05	1.0	< 0.001	< 5	0.11	2.41	0.3	0.1	< 10	49.94	10.99	9.10	0.189	12.10	12.62	1.22	0.51	0.30	0.03	0.043	2.78	
WD13-004-309	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	1.75	0.3	< 0.1	< 10	50.12	11.69	9.51	0.186	12.18	11.77	1.49	0.56	0.30	0.03	0.043	1.39	
WD13-004-310	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.36	0.3	< 0.1	< 10	50.16	11.39	9.41	0.187	12.38	11.86	1.45	0.51	0.32	0.03	0.056	1.66	
WD13-004-311	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	2.16	0.3	< 0.1	< 10	50.10	11.50	9.37	0.191	12.26	12.02	1.49	0.55	0.32	0.04	0.044	1.97	
WD13-004-312	0.4	< 0.1	< 0.1	0.23	0.3	< 0.001	< 5	0.05	1.22	0.3	< 0.1	< 10	50.17	11.22	9.18	0.181	12.04	12.08	1.33	0.50	0.29	0.03	0.030	2.04	
WD13-004-313	0.5	< 0.1	< 0.1	< 0.05	0.4	0.001	< 5	0.09	7.66	0.3	< 0.1	< 10	50.03	11.20	9.24	0.172	12.08	12.02	1.39	0.46	0.32	0.03	0.042	2.12	
WD13-004-314	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.06	1.33	0.3	< 0.1	< 10	50.70	11.22	9.35	0.191	12.37	11.92	1.41	0.57	0.33	0.04	0.018	2.00	
WD13-004-315	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.003	1420	0.03	5.31	0.1	< 0.1	40	45.63	22.20	6.97	0.095	8.70	12.73	1.25	0.12	0.10	0.02	0.010	2.43	

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 25 2013 6:47AM	Mar 20 2013 5:04PM	Apr 4 2013 9:28AM	Apr 4 2013 9:28AM	Apr 4 2013 9:28AM
WD13-004-281	99.15	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	1	0.5	0.3
WD13-004-282	99.06	0.02	0.025	< 0.004	0.007	0.06	479	2000	453
WD13-004-283	98.52	< 0.01	< 0.003	< 0.004	< 0.004	0.04	3	0.9	1.3
WD13-004-284	99.27	0.08	0.019	< 0.004	< 0.004	< 0.01	13	13.2	3.5
WD13-004-285	99.78	0.10	0.021	< 0.004	< 0.004	< 0.01	1	2.7	1.4
WD13-004-286	99.15	0.08	0.017	0.006	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-287	100.3	0.09	0.015	0.009	< 0.004	< 0.01	< 1	2.2	1.1
WD13-004-288	100.1	0.08	0.017	0.004	< 0.004	< 0.01	< 1	2.3	1.1
WD13-004-289	99.53	0.09	0.029	0.004	< 0.004	< 0.01	< 1	2.5	1.2
WD13-004-290	99.27	0.08	0.019	< 0.004	< 0.004	< 0.01	< 1	2.5	1.1
WD13-004-291	99.06	0.08	0.015	0.007	< 0.004	< 0.01	1	5.2	2.0
WD13-004-292	99.95	0.08	0.016	0.004	< 0.004	< 0.01	< 1	2.0	1.1
WD13-004-293	100.1	0.08	0.014	0.007	< 0.004	< 0.01	< 1	1.9	1.0
WD13-004-294	100.2	0.09	0.016	0.004	< 0.004	< 0.01	< 1	2.6	1.4
WD13-004-295	100.8	0.10	0.024	0.004	< 0.004	< 0.01	1	2.6	1.0
WD13-004-296	99.96	0.10	0.019	< 0.004	< 0.004	0.02	< 1	2.4	1.3
WD13-004-297	99.77	0.10	0.015	0.004	< 0.004	< 0.01	11	11.8	2.9
WD13-004-298	99.32	0.10	0.019	< 0.004	< 0.004	< 0.01	< 1	3.1	1.7
WD13-004-299	99.46	0.08	0.017	0.005	< 0.004	0.01	< 1	2.2	1.5
WD13-004-300	99.35	0.08	0.065	< 0.004	0.018	0.10	1140	5960	1400
WD13-004-301	99.79	0.10	0.017	0.004	0.005	< 0.01	1	2.8	3.4
WD13-004-302	98.89	0.10	0.019	0.004	< 0.004	0.04	< 1	2.5	1.6
WD13-004-303	98.68	0.10	0.018	0.007	< 0.004	0.05	< 1	2.3	1.7
WD13-004-304	100.6	0.10	0.020	0.004	< 0.004	0.01	< 1	2.4	2.0
WD13-004-305	99.66	0.10	0.025	0.010	< 0.004	0.01	< 1	2.0	1.4
WD13-004-306	98.86	0.10	0.028	0.007	< 0.004	0.02	< 1	4.5	1.2
WD13-004-307	98.92	0.10	0.019	0.004	< 0.004	0.03	< 1	2.3	1.5
WD13-004-308	99.93	0.09	0.018	0.004	< 0.004	0.02	< 1	2.4	1.3
WD13-004-309	99.38	0.10	0.020	0.004	< 0.004	< 0.01	< 1	2.1	1.2
WD13-004-310	99.53	0.10	0.018	< 0.004	< 0.004	< 0.01	< 1	2.6	1.7
WD13-004-311	99.97	0.10	0.020	< 0.004	< 0.004	< 0.01	1	2.2	1.2
WD13-004-312	99.21	0.10	0.020	< 0.004	< 0.004	< 0.01	< 1	2.1	1.4
WD13-004-313	99.23	0.10	0.020	0.005	< 0.004	0.04	< 1	2.0	1.1
WD13-004-314	100.2	0.10	0.020	0.004	< 0.004	0.02	< 1	2.3	1.2
WD13-004-315	100.4	0.08	0.064	0.004	0.018	0.10	1180	6040	1450

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																										
CHR-BKG LABSTD																										
AN-G LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD																										
AC-E LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion) LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-23 LABSTD																										
WD13-004-290 Replicate Original	21.2	0.2	11	0.838	3.15	> 10.0	0.25	< 0.02	4.00	13.0	72	278	447	3.26	22.3	78.0	13.1	29.7	7.85	< 0.1	0.3	< 0.1	6.7	184		
WD13-004-290 LABDUP	20.9	0.2	10	0.836	3.23	> 10.0	0.25	< 0.02	3.96	13.1	75	286	454	3.24	22.2	76.0	24.4	29.7	7.85	< 0.1	0.4	< 0.1	6.7	182		
WD13-004-291 Replicate Original																										
WD13-004-291 LABDUP																										
WD13-004-300 Replicate Original																										
WD13-004-300 LABDUP																										
WD13-004-301 Replicate Original																										
WD13-004-301 LABDUP																										
WD13-004-308 Replicate Original	19.5	0.2	15	0.299	1.61	3.41	0.13	0.11	4.17	9.0	62	186	358	1.88	13.6	50.5	9.69	20.7	5.87	< 0.1	0.4	< 0.1	3.5	193		
WD13-004-308 LABDUP	20.0	0.2	15	0.314	1.68	3.44	0.13	0.12	4.20	9.2	64	194	377	1.91	13.8	51.5	9.77	27.6	6.10	< 0.1	0.4	< 0.1	3.6	198		
WD13-004-310 Replicate Original																										
WD13-004-310 Split Original	14.1	0.2	7	0.559	1.86	4.09	0.17	0.03	3.40	9.7	56	223	351	2.24	16.2	58.5	11.3	20.2	5.74	< 0.1	0.2	< 0.1	4.5	138		
WD13-004-310 LABDUP																										
WD13-004-310 LABPREP	15.2	0.2	13	0.716	2.24	4.29	0.16	0.03	3.40	10.5	67	254	365	2.25	16.1	60.3	12.4	23.4	6.64	< 0.1	0.3	< 0.1	4.8	153		
WD13-004-312 Replicate Original																										
WD13-004-312 LABDUP																										

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm			
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																												
CHR-BKG LABSTD																												
AN-G LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
BE-N LABSTD																												
AC-E LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
Oreas 74a (Fusion) LABSTD																												
CDN-PGMS-22 LABSTD																												
CDN-PGMS-22 LABSTD																												
CDN-PGMS-23 LABSTD																												
WD13-004-290 Replicate Original	2.11	1.6	< 0.1	0.23	0.024	0.03	< 0.02	0.16	0.03	< 0.02	0.97	58.8	2.0	3.52	0.4	1.93	0.4	0.3	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1				
WD13-004-290 LABDUP	2.17	1.8	< 0.1	0.24	0.176	0.03	< 0.02	0.16	0.02	< 0.02	0.99	60.3	2.0	3.56	0.5	2.07	0.5	0.3	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1				
WD13-004-291 Replicate Original																												
WD13-004-291 LABDUP																												
WD13-004-300 Replicate Original																												
WD13-004-300 LABDUP																												
WD13-004-301 Replicate Original																												
WD13-004-301 LABDUP																												
WD13-004-308 Replicate Original	3.47	1.7	< 0.1	1.37	0.035	0.04	< 0.02	0.14	0.03	< 0.02	0.83	25.6	2.6	5.46	0.8	3.37	0.8	0.3	0.7	0.1	0.8	0.2	0.5	< 0.1				
WD13-004-308 LABDUP	3.57	2.0	< 0.1	1.39	0.022	0.04	< 0.02	0.13	0.04	< 0.02	0.83	26.4	2.7	5.70	0.8	3.56	0.8	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1				
WD13-004-310 Replicate Original																												
WD13-004-310 Split Original	2.23	1.5	< 0.1	0.16	0.020	0.02	< 0.02	0.10	0.02	< 0.02	0.89	39.6	1.9	3.53	0.5	2.11	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1				
WD13-004-310 LABDUP	2.52	1.7	< 0.1	0.18	0.032	0.03	< 0.02	0.12	0.03	< 0.02	0.90	41.3	1.9	3.86	0.5	2.33	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1				
WD13-004-310 LABPREP																												
WD13-004-312 Replicate Original																												
WD13-004-312 LABDUP																												

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)		
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	2013-03- 25 06:47:21	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06		0.14				
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.55	2.18			27.89							
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-290 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	1.46	0.3	< 0.1	< 10													
WD13-004-290 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	1.44	0.3	< 0.1	< 10													
WD13-004-291 Replicate Original														45.14	21.84	6.87	0.095	8.69	12.63	1.24	0.11	0.11	0.01	0.009	2.41
WD13-004-291 LABDUP														45.12	21.95	6.86	0.096	8.69	12.61	1.27	0.12	0.09	0.01	0.008	2.41
WD13-004-300 Replicate Original																									
WD13-004-300 LABDUP																									
WD13-004-301 Replicate Original																									
WD13-004-301 LABDUP																									
WD13-004-308 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	1.0	0.001	< 5	0.10	2.45	0.3	0.1	< 10													
WD13-004-308 LABDUP	0.5	< 0.1	< 0.1	< 0.05	1.0	< 0.001	< 5	0.11	2.37	0.4	0.1	< 10													
WD13-004-310 Replicate Original														50.16	11.39	9.41	0.187	12.38	11.86	1.45	0.51	0.32	0.03	0.056	1.66
WD13-004-310 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.36	0.3	< 0.1	< 10													
WD13-004-310 LABDUP																									
WD13-004-310 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.52	0.3	< 0.1	< 10		49.87	11.26	9.40	0.176	12.35	11.87	1.44	0.49	0.30	0.03	0.054	1.57
WD13-004-312 Replicate Original																									
WD13-004-312 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03- 06:47:21	2013-03- 06:47:21	2013-03- 06:47:21	2013-03- 06:47:21	2013-03- 06:47:21	2013-03- 17:04:31	2013-04- 09:28:04	2013-04- 09:28:04	2013-04- 09:28:04

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.87			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1250	6140	1410
CDN-PGMS-22 LABSTD							1160	6020	1380
CDN-PGMS-23 LABSTD							474	2040	467
WD13-004-290 Replicate Original						< 0.01			
WD13-004-290 LABDUP						< 0.01			
WD13-004-291 Replicate Original							1	5.4	2.2
WD13-004-291 LABDUP							1	4.9	1.8
WD13-004-300 Replicate Original	99.31	0.08	0.065	< 0.004	0.018	0.10			
WD13-004-300 LABDUP	99.39	0.08	0.064	0.005	0.018	0.10			
WD13-004-301 Replicate Original							1	2.9	3.6
WD13-004-301 LABDUP							1	2.7	3.2
WD13-004-308 Replicate Original									
WD13-004-308 LABDUP									
WD13-004-310 Replicate Original						< 0.01			
WD13-004-310 Split Original	99.53	0.10	0.018	< 0.004	< 0.004	< 0.01	< 1	2.6	1.7
WD13-004-310 LABDUP						< 0.01			
WD13-004-310 LABPREP	98.93	0.10	0.020	< 0.004	< 0.004	< 0.01	< 1	2.6	1.3
WD13-004-312 Replicate Original							< 1	2.0	1.5
WD13-004-312 LABDUP							< 1	2.1	1.2



Date Submitted: 11-Mar-13
Invoice No.: A13-02679
Invoice Date: 09-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02679**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02679

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 26 2013 11:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	
WD13-004-316	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	1.94	< 0.1	0.2	< 10	5.44	0.26	0.06	0.055	21.82	29.72	< 0.01	0.01	0.02	0.02	< 0.003	42.45
WD13-004-317	0.7	< 0.1	0.1	< 0.05	0.2	0.002	388	0.06	4.20	0.9	0.3	10	59.34	16.65	6.32	0.098	4.75	6.59	2.47	0.75	0.46	0.10	0.021	1.72
WD13-004-318	0.9	0.1	0.2	< 0.05	0.4	0.001	< 5	0.07	2.94	1.3	0.4	< 10	66.30	13.74	6.11	0.108	2.47	4.11	3.16	1.10	0.60	0.15	0.025	1.28
WD13-004-319	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	1.04	0.3	< 0.1	< 10	51.00	11.91	9.52	0.181	12.52	12.17	1.39	0.51	0.33	0.03	0.049	0.98
WD13-004-320	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.86	0.2	< 0.1	< 10	51.26	11.75	9.53	0.185	12.46	12.18	1.41	0.53	0.32	0.04	0.056	0.78
WD13-004-321	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	0.82	0.2	< 0.1	< 10	51.39	11.51	9.66	0.190	12.70	12.36	1.36	0.46	0.34	0.03	0.055	0.60
WD13-004-322	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.69	0.2	< 0.1	< 10	50.62	11.80	9.34	0.178	12.39	12.35	1.39	0.44	0.30	0.03	0.047	0.61
WD13-004-323	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.69	0.2	< 0.1	< 10	51.56	11.75	9.61	0.184	12.65	12.27	1.34	0.44	0.33	0.03	0.036	0.40
WD13-004-324	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	0.79	0.2	< 0.1	< 10	51.50	11.82	9.68	0.182	12.77	12.38	1.38	0.38	0.32	0.03	0.044	0.17
WD13-004-325	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	0.88	0.2	< 0.1	< 10	50.98	11.62	9.47	0.184	12.60	12.30	1.42	0.52	0.32	0.03	0.041	0.63
WD13-004-326	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.80	0.2	< 0.1	< 10	50.64	11.38	9.40	0.197	12.58	12.13	1.34	0.58	0.31	0.03	0.032	1.85
WD13-004-327	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.13	1.86	0.2	< 0.1	< 10	50.45	11.63	9.30	0.184	12.73	11.98	1.43	0.62	0.32	0.02	0.046	1.96
WD13-004-328	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	4.44	0.2	< 0.1	< 10	49.90	11.39	9.71	0.186	13.57	11.92	1.18	0.51	0.38	0.02	0.046	1.83
WD13-004-329	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	2.41	0.2	< 0.1	< 10	49.90	11.40	9.36	0.171	12.53	11.58	1.35	0.70	0.31	0.04	0.042	1.86
WD13-004-330	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	5.08	0.2	< 0.1	< 10	50.75	11.63	9.34	0.170	12.77	11.47	1.35	0.69	0.30	0.03	0.043	2.07
WD13-004-331	0.3	< 0.1	< 0.1	< 0.05	0.4	0.002	< 5	0.06	11.6	0.2	< 0.1	< 10	49.75	11.32	9.18	0.175	13.01	11.23	1.51	0.57	0.30	0.03	0.044	3.53
WD13-004-332	0.4	< 0.1	< 0.1	< 0.05	0.8	0.001	< 5	0.04	6.03	0.2	< 0.1	< 10	51.28	11.05	9.59	0.188	13.32	10.24	1.53	0.58	0.28	0.02	0.040	2.45
WD13-004-333	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.04	9.20	0.2	< 0.1	< 10	51.06	10.57	9.86	0.194	13.81	10.08	1.61	0.43	0.30	0.02	0.040	2.56
WD13-004-334	0.4	< 0.1	< 0.1	< 0.05	0.5	0.002	< 5	0.08	21.6	0.3	< 0.1	< 10	49.04	11.12	9.86	0.182	14.75	8.30	2.13	0.39	0.33	0.02	0.029	4.43
WD13-004-335	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	853	0.03	5.78	0.2	0.1	40	44.72	22.13	6.98	0.089	8.83	12.74	1.22	0.13	0.09	0.01	0.014	2.44
WD13-004-336	0.3	< 0.1	< 0.1	< 0.05	1.1	0.001	< 5	0.20	23.7	0.3	0.1	< 10	48.65	11.84	8.53	0.159	11.74	12.67	1.44	0.53	0.31	0.03	0.035	3.53
WD13-004-337	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.28	23.5	0.3	0.1	< 10	49.50	11.93	8.78	0.157	12.17	12.10	1.45	0.57	0.32	0.04	0.032	3.59
WD13-004-338	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 5	0.08	23.2	0.3	0.1	< 10	48.53	12.03	8.75	0.154	12.55	11.16	1.55	0.56	0.34	0.03	0.055	3.47
WD13-004-339	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	11.4	0.3	< 0.1	< 10	50.13	11.30	9.34	0.175	12.43	12.49	1.33	0.53	0.34	0.03	0.040	2.52
WD13-004-340	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	4.58	0.3	< 0.1	< 10	50.42	11.39	9.53	0.182	12.77	11.77	1.33	0.63	0.32	0.03	0.035	2.24
WD13-004-341	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.51	0.2	< 0.1	< 10	51.38	11.79	9.50	0.175	12.62	12.02	1.37	0.64	0.32	0.04	0.041	0.76
WD13-004-342	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	0.93	0.2	< 0.1	< 10	51.12	11.53	9.63	0.182	12.66	12.22	1.31	0.47	0.32	0.03	0.047	0.15
WD13-004-343	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	3.06	0.2	< 0.1	< 10	51.37	11.72	9.49	0.187	12.74	12.01	1.29	0.54	0.30	0.04	0.054	0.80
WD13-004-344	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	3.45	0.2	< 0.1	< 10	51.12	11.67	9.53	0.181	12.77	11.79	1.36	0.67	0.30	0.03	0.039	1.21
WD13-004-345	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.09	18.6	0.2	< 0.1	< 10	48.27	10.99	9.59	0.198	13.31	12.03	1.34	0.67	0.32	0.03	0.035	3.08
WD13-004-346	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.06	2.89	0.2	< 0.1	< 10	50.48	11.48	9.15	0.182	12.31	11.60	1.43	0.64	0.28	0.02	0.052	1.97
WD13-004-347	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	3.31	0.2	< 0.1	< 10	49.85	11.42	9.20	0.180	12.63	11.83	1.39	0.59	0.31	0.03	0.036	1.88
WD13-004-348	0.3	< 0.1	< 0.1	< 0.05	1.3	< 0.001	< 5	0.05	2.07	0.3	0.1	< 10	49.32	11.57	9.15	0.174	12.18	11.73	1.61	0.61	0.29	0.03	0.032	1.76
WD13-004-349	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.06	2.02	0.3	< 0.1	< 10	49.66	11.39	9.07	0.175	12.57	11.49	1.43	0.51	0.30	0.03	0.033	1.82
WD13-004-350	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1400	0.03	5.09	0.2	< 0.1	40	45.44	22.45	6.87	0.092	8.80	12.65	1.30	0.12	0.11	0.01	0.009	2.41

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 25 2013 9:45AM	Mar 20 2013 5:04PM	Apr 9 2013 4:11PM	Apr 9 2013 4:11PM	Apr 9 2013 4:11PM
WD13-004-316	99.86	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	1.0	0.7
WD13-004-317	99.34	0.03	0.029	< 0.004	0.008	0.05	519	2020	465
WD13-004-318	99.17	< 0.01	0.004	< 0.004	0.004	0.03	3	1.0	1.4
WD13-004-319	100.7	0.10	0.023	< 0.004	< 0.004	< 0.01	< 1	4.7	2.7
WD13-004-320	100.6	0.09	0.020	0.006	< 0.004	< 0.01	< 1	5.7	1.5
WD13-004-321	100.8	0.10	0.020	0.007	< 0.004	< 0.01	1	7.4	2.3
WD13-004-322	99.62	0.10	0.019	0.004	< 0.004	< 0.01	< 1	2.2	1.0
WD13-004-323	100.7	0.10	0.019	0.007	< 0.004	< 0.01	< 1	2.3	1.5
WD13-004-324	100.8	0.09	0.021	0.004	< 0.004	< 0.01	< 1	2.6	1.6
WD13-004-325	100.2	0.10	0.017	0.007	< 0.004	< 0.01	< 1	3.1	1.2
WD13-004-326	100.6	0.10	0.017	< 0.004	< 0.004	< 0.01	< 1	2.7	1.2
WD13-004-327	100.8	0.10	0.015	0.007	< 0.004	< 0.01	< 1	2.8	1.1
WD13-004-328	100.8	0.10	0.023	< 0.004	< 0.004	< 0.01	< 1	5.4	2.6
WD13-004-329	99.36	0.10	0.018	0.004	< 0.004	< 0.01	< 1	3.6	1.8
WD13-004-330	100.7	0.09	0.020	0.009	< 0.004	< 0.01	< 1	3.3	2.5
WD13-004-331	100.8	0.10	0.018	< 0.004	< 0.004	< 0.01	< 1	2.0	1.3
WD13-004-332	100.7	0.11	0.032	0.006	< 0.004	< 0.01	< 1	1.7	1.0
WD13-004-333	100.6	0.10	0.018	0.004	< 0.004	< 0.01	< 1	3.2	1.2
WD13-004-334	100.7	0.09	0.020	0.007	< 0.004	< 0.01	< 1	2.4	0.9
WD13-004-335	99.57	0.08	0.066	< 0.004	0.019	0.10	1160	6200	1460
WD13-004-336	99.59	0.10	0.018	0.007	< 0.004	< 0.01	2	3.1	3.3
WD13-004-337	100.8	0.10	0.018	< 0.004	< 0.004	< 0.01	1	2.3	1.4
WD13-004-338	99.32	0.11	0.032	< 0.004	< 0.004	< 0.01	< 1	2.7	1.6
WD13-004-339	100.8	0.10	0.016	0.006	< 0.004	< 0.01	< 1	2.0	1.2
WD13-004-340	100.8	0.10	0.015	0.007	< 0.004	< 0.01	< 1	1.5	0.9
WD13-004-341	100.8	0.10	0.020	0.005	< 0.004	< 0.01	< 1	2.1	1.2
WD13-004-342	99.81	0.11	0.024	0.007	< 0.004	< 0.01	< 1	2.0	1.7
WD13-004-343	100.7	0.10	0.019	0.004	< 0.004	< 0.01	< 1	1.8	1.1
WD13-004-344	100.8	0.10	0.022	0.006	< 0.004	< 0.01	< 1	6.0	1.1
WD13-004-345	99.99	0.10	0.018	0.004	< 0.004	0.01	< 1	3.4	2.0
WD13-004-346	99.72	0.10	0.016	0.007	< 0.004	< 0.01	< 1	4.5	1.8
WD13-004-347	99.47	0.10	0.018	0.004	< 0.004	0.02	< 1	2.1	1.3
WD13-004-348	98.59	0.10	0.015	< 0.004	< 0.004	< 0.01	< 1	1.7	1.0
WD13-004-349	98.61	0.11	0.019	< 0.004	< 0.004	< 0.01	< 1	1.9	3.9
WD13-004-350	100.4	0.08	0.068	0.004	0.018	0.10	1120	5540	1250

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

MICA-FE LABSTD																									
CHR-BKG LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
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LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-319 Replicate Original																									
WD13-004-319 LABDUP																									
WD13-004-321 Replicate Original	9.3	0.2	12	0.818	1.73	> 10.0	0.18	0.13	3.35	8.4	56	219	260	1.68	12.1	50.2	12.9	18.2	6.65	< 0.1	0.2	< 0.1	5.4	169	
WD13-004-321 LABDUP	8.7	0.2	9	0.713	1.62	> 10.0	0.18	0.14	3.22	7.9	50	204	249	1.63	11.9	48.5	11.9	13.6	6.14	< 0.1	0.2	< 0.1	5.1	154	
WD13-004-326 Replicate Original																									
WD13-004-326 LABDUP																									
WD13-004-329 Replicate Original																									
WD13-004-329 LABDUP																									
WD13-004-334 Replicate Original	68.7	0.2	11	0.173	6.29	3.56	0.09	0.09	1.81	17.8	106	523	717	4.36	30.7	108	8.51	102	7.21	< 0.1	0.5	0.1	2.7	43.4	
WD13-004-334 LABDUP	82.2	0.2	13	0.162	5.92	3.35	0.09	0.03	1.98	20.1	113	526	723	4.54	32.8	117	8.91	107	7.19	< 0.1	0.3	< 0.1	2.8	46.3	
WD13-004-335 Replicate Original																									
WD13-004-335 LABDUP																									
WD13-004-336 Replicate Original																									
WD13-004-336 LABDUP																									
WD13-004-339 Replicate Original																									
WD13-004-339 LABDUP																									
WD13-004-345 Split Original	26.6	0.2	13	0.256	3.85	3.16	0.13	0.05	3.05	11.8	80	348	557	3.16	25.3	90.8	27.2	149	6.30	< 0.1	0.3	< 0.1	4.4	71.7	
WD13-004-345 LABPREP	26.1	0.2	12	0.234	3.63	2.93	0.12	0.05	3.00	11.5	76	334	535	3.10	25.2	89.8	26.3	90.2	6.05	< 0.1	0.3	< 0.1	4.3	69.9	
WD13-004-347 Replicate Original																									
WD13-004-347 LABDUP																									
WD13-004-348 Replicate Original	13.1	0.2	14	0.321	1.71	2.58	0.14	0.03	3.17	10.3	57	187	300	1.59	12.1	43.8	3.79	14.3	4.37	< 0.1	0.1	< 0.1	3.9	95.3	
WD13-004-348 LABDUP	12.6	0.2	18	0.378	2.00	2.83	0.13	0.04	3.07	10.4	61	201	315	1.59	11.8	43.0	3.86	16.4	4.77	< 0.1	0.3	< 0.1	3.9	97.7	
WD13-004-349 Replicate Original																									
WD13-004-349 LABDUP																									

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	

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BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-319 Replicate Original																								
WD13-004-319 LABDUP																								
WD13-004-321 Replicate Original	1.69	1.6	< 0.1	0.14	0.021	0.02	< 0.02	0.07	< 0.02	< 0.02	0.68	50.1	1.7	2.91	0.4	1.69	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-004-321 LABDUP	1.52	1.5	< 0.1	0.13	0.013	0.02	< 0.02	0.06	< 0.02	< 0.02	0.67	48.7	1.6	2.75	0.4	1.54	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-004-326 Replicate Original																								
WD13-004-326 LABDUP																								
WD13-004-329 Replicate Original																								
WD13-004-329 LABDUP																								
WD13-004-334 Replicate Original	2.84	2.5	< 0.1	0.24	0.050	0.03	< 0.02	0.10	0.03	< 0.02	0.69	16.8	1.9	3.71	0.5	2.57	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-004-334 LABDUP	2.94	3.2	< 0.1	0.21	0.053	0.02	< 0.02	0.10	< 0.02	< 0.02	0.72	17.1	2.0	3.97	0.6	2.55	0.6	0.2	0.7	0.1	0.8	0.2	0.5	< 0.1
WD13-004-335 Replicate Original																								
WD13-004-335 LABDUP																								
WD13-004-336 Replicate Original																								
WD13-004-336 LABDUP																								
WD13-004-339 Replicate Original																								
WD13-004-339 LABDUP																								
WD13-004-345 Split Original	2.35	2.2	< 0.1	0.68	0.047	0.21	< 0.02	0.07	0.03	< 0.02	0.77	27.8	1.8	3.36	0.5	2.01	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
WD13-004-345 LABPREP	2.30	1.5	< 0.1	0.67	0.034	0.19	< 0.02	0.06	0.02	< 0.02	0.75	27.0	1.7	3.16	0.4	1.85	0.4	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
WD13-004-347 Replicate Original																								
WD13-004-347 LABDUP																								
WD13-004-348 Replicate Original	2.52	1.5	< 0.1	0.13	0.018	0.03	< 0.02	0.09	< 0.02	< 0.02	1.15	27.7	1.6	3.12	0.4	2.02	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-348 LABDUP	2.65	1.4	< 0.1	0.09	0.021	0.03	< 0.02	0.10	< 0.02	< 0.02	1.14	28.3	1.6	3.34	0.5	2.13	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-349 Replicate Original																								
WD13-004-349 LABDUP																								

Activation Laboratories Ltd. Report: A13-02679

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 26 11:45:53	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	2013-03- 25 09:45:16	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06			0.14			
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.55	2.18			27.89							
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-319 Replicate Original																									
WD13-004-319 LABDUP																									
WD13-004-321 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	0.83	0.2	< 0.1	< 10													
WD13-004-321 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	0.80	0.2	< 0.1	< 10													
WD13-004-326 Replicate Original																									
WD13-004-326 LABDUP																									
WD13-004-329 Replicate Original																									
WD13-004-329 LABDUP																									
WD13-004-334 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	0.5	0.002	< 5	0.08	21.5	0.3	< 0.1	< 10													
WD13-004-334 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.5	0.002	< 5	0.08	21.7	0.3	< 0.1	< 10													
WD13-004-335 Replicate Original														44.29	21.96	7.14	0.090	8.84	12.96	1.24	0.13	0.09	0.01	0.014	2.44
WD13-004-335 LABDUP														45.16	22.29	6.83	0.087	8.81	12.53	1.20	0.13	0.10	0.01	0.015	2.44
WD13-004-336 Replicate Original																									
WD13-004-336 LABDUP																									
WD13-004-339 Replicate Original																									
WD13-004-339 LABDUP																									
WD13-004-345 Split Original	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.09	18.6	0.2	< 0.1	< 10	48.27	10.99	9.59	0.198	13.31	12.03	1.34	0.67	0.32	0.03	0.035	3.08	
WD13-004-345 LABPREP	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.09	17.6	0.2	< 0.1	< 10	48.34	11.09	9.61	0.198	13.38	11.93	1.34	0.67	0.33	0.02	0.034	3.02	
WD13-004-347 Replicate Original																									
WD13-004-347 LABDUP																									
WD13-004-348 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	1.2	0.001	< 5	0.05	1.88	0.3	0.1	< 10													
WD13-004-348 LABDUP	0.3	< 0.1	< 0.1	< 0.05	1.3	< 0.001	< 5	0.05	2.25	0.3	0.1	< 10													
WD13-004-349 Replicate Original																									
WD13-004-349 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03- 09:45:16	2013-03- 09:45:16	2013-03- 09:45:16	2013-03- 09:45:16	2013-03- 09:45:16	2013-03- 17:04:31	2013-04- 16:11:51	2013-04- 16:11:51	2013-04- 16:11:51

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.87			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD						1220	6370	1480	
CDN-PGMS-22 LABSTD						1130	5970	1370	
CDN-PGMS-23 LABSTD						499	2040	482	
CDN-PGMS-23 LABSTD						468	2040	479	
WD13-004-319 Replicate Original						< 0.01			
WD13-004-319 LABDUP						< 0.01			
WD13-004-321 Replicate Original									
WD13-004-321 LABDUP									
WD13-004-326 Replicate Original						< 1	2.6	1.0	
WD13-004-326 LABDUP						< 1	2.8	1.4	
WD13-004-329 Replicate Original						< 0.01			
WD13-004-329 LABDUP						< 0.01			
WD13-004-334 Replicate Original									
WD13-004-334 LABDUP									
WD13-004-335 Replicate Original	99.37	0.08	0.067	< 0.004	0.018				
WD13-004-335 LABDUP	99.77	0.08	0.065	< 0.004	0.020				
WD13-004-336 Replicate Original						2	3.0	3.4	
WD13-004-336 LABDUP						2	3.2	3.2	
WD13-004-339 Replicate Original						< 0.01			
WD13-004-339 LABDUP						< 0.01			
WD13-004-345 Split Original	99.99	0.10	0.018	0.004	< 0.004	0.01			
WD13-004-345 LABPREP	100.1	0.10	0.020	< 0.004	0.004	0.01			
WD13-004-347 Replicate Original							< 1	1.9	1.6
WD13-004-347 LABDUP							< 1	2.2	1.0
WD13-004-348 Replicate Original									
WD13-004-348 LABDUP									
WD13-004-349 Replicate Original						< 0.01			
WD13-004-349 LABDUP						< 0.01			



Date Submitted: 13-Mar-13
Invoice No.: A13-02805
Invoice Date: 16-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02805**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02805 rev 2

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr			
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	
WD13-004-351	5.1	< 0.1	32	0.017	> 10.0	0.02	0.01	< 0.02	22.8	0.1	3	4.6	413	0.06	0.4	3.4	1.58	12.0	< 0.02	< 0.1	0.6	0.2	0.6	142			
WD13-004-352	12.2	0.3	11	0.490	2.05	> 10.0	0.15	0.10	3.40	6.0	62	90.2	508	3.67	16.5	193	100	45.6	8.14	< 0.1	4.7	0.5	4.2	68.0			
WD13-004-353	13.7	0.3	11	0.206	1.13	2.72	0.20	0.09	1.33	6.8	80	47.2	566	3.63	9.5	33.0	48.2	51.2	6.72	< 0.1	4.7	0.3	5.8	67.2			
WD13-004-354	18.3	0.2	9	0.709	2.70	5.01	0.16	0.03	3.38	10.9	68	290	379	2.50	19.6	71.9	13.8	25.7	6.51	< 0.1	0.7	< 0.1	4.4	144			
WD13-004-355	6.5	0.2	6	0.856	1.63	> 10.0	0.19	< 0.02	4.01	9.2	54	221	242	1.48	11.4	51.2	11.4	12.3	6.17	< 0.1	0.4	< 0.1	4.5	184			
WD13-004-356	13.1	0.2	10	0.515	2.22	3.48	0.16	0.03	3.54	12.1	69	256	389	2.15	16.3	61.0	6.80	20.1	5.15	< 0.1	0.4	< 0.1	4.0	124			
WD13-004-357	15.7	0.2	13	0.793	2.41	4.79	0.18	0.02	3.76	11.9	75	280	369	2.29	17.3	65.7	11.9	20.2	6.90	< 0.1	0.2	0.1	5.4	165			
WD13-004-358	11.4	0.2	10	0.712	2.10	4.86	0.16	0.02	3.40	9.3	61	223	342	1.97	14.2	52.1	11.0	17.2	6.19	< 0.1	0.4	< 0.1	4.3	146			
WD13-004-359	7.1	0.2	5	0.850	1.63	> 10.0	0.19	< 0.02	3.97	9.8	57	232	234	1.50	11.9	54.0	11.4	11.9	6.26	< 0.1	0.3	0.1	4.8	185			
WD13-004-360	5.3	0.2	9	0.984	1.52	> 10.0	0.19	< 0.02	4.05	10.1	62	228	220	1.36	11.0	51.6	13.4	11.5	6.55	< 0.1	0.5	0.1	5.4	198			
WD13-004-361	10.5	0.2	9	0.800	1.95	> 10.0	0.18	< 0.02	3.86	10.7	66	254	298	1.84	14.7	59.8	12.7	16.9	6.33	< 0.1	0.5	0.2	5.3	184			
WD13-004-362	7.4	0.2	8	0.910	1.62	> 10.0	0.19	< 0.02	4.09	10.3	61	234	236	1.53	12.2	55.2	12.4	12.8	6.60	< 0.1	0.4	< 0.1	5.5	200			
WD13-004-363	11.5	0.2	8	0.766	2.16	4.54	0.20	0.03	3.85	11.7	70	253	335	2.03	16.3	65.1	12.7	19.2	6.38	< 0.1	0.5	0.2	7.1	166			
WD13-004-364	15.2	0.3	8	1.30	1.69	> 10.0	0.17	< 0.02	5.02	6.7	41	108	244	1.65	13.0	45.9	9.09	15.9	9.57	< 0.1	0.4	< 0.1	4.8	289			
WD13-004-365	11.9	0.3	10	1.54	1.58	> 10.0	0.16	< 0.02	5.06	5.3	35	91.9	180	1.39	11.2	39.8	9.27	13.7	10.8	< 0.1	0.4	< 0.1	3.6	319			
WD13-004-366	19.1	0.2	8	0.828	2.71	> 10.0	0.15	< 0.02	3.00	4.8	41	143	234	2.20	20.6	68.5	10.6	22.0	7.93	< 0.1	0.3	< 0.1	4.6	165			
WD13-004-367	10.1	0.1	4	0.351	2.63	2.81	0.15	< 0.02	2.72	11.6	69	299	378	2.33	19.0	72.6	8.50	18.4	4.13	< 0.1	0.2	0.2	4.5	69.2			
WD13-004-368	9.7	0.1	7	0.566	1.96	3.71	0.19	< 0.02	3.02	9.5	60	258	285	1.94	16.0	64.1	12.6	16.3	5.04	< 0.1	0.5	0.1	5.8	126			
WD13-004-369	6.3	0.2	10	0.824	1.91	4.40	0.21	< 0.02	3.38	9.9	65	257	249	1.54	12.9	57.9	13.3	14.6	5.79	< 0.1	0.4	< 0.1	6.9	164			
WD13-004-370	3.2	< 0.1	7	1.03	3.68	> 10.0	0.06	0.13	8.17	2.8	24	185	384	3.84	31.0	526	207	24.6	11.3	< 0.1	2.8	0.7	1.3	87.3			
WD13-004-371	5.9	0.2	5	0.736	1.67	4.82	0.21	< 0.02	3.39	8.9	54	232	240	1.53	12.6	55.3	12.0	12.6	5.64	< 0.1	0.3	< 0.1	5.8	164			
WD13-004-372	10.9	0.2	6	0.584	2.15	4.26	0.20	0.02	3.33	10.1	62	253	322	1.96	16.3	63.9	10.5	17.6	5.46	< 0.1	0.3	< 0.1	5.9	130			
WD13-004-373	10.0	0.2	6	0.613	1.99	> 10.0	0.19	< 0.02	3.10	9.2	56	241	275	1.87	15.6	60.4	10.5	16.1	5.28	< 0.1	0.3	< 0.1	5.5	139			
WD13-004-374	8.9	0.2	6	0.617	2.13	4.24	0.21	< 0.02	3.28	10.1	60	260	306	1.93	15.9	63.6	10.5	16.1	5.23	< 0.1	0.3	< 0.1	5.9	138			
WD13-004-375	10.7	0.2	7	0.644	2.20	> 10.0	0.20	< 0.02	3.15	9.8	59	270	304	2.13	17.1	66.7	11.3	18.4	5.37	< 0.1	0.4	< 0.1	6.1	153			
WD13-004-376	18.6	0.2	10	0.589	2.58	3.80	0.19	0.03	3.12	11.5	70	284	371	2.33	20.4	78.6	12.1	30.6	5.51	< 0.1	0.2	0.1	6.1	137			
WD13-004-377	19.2	0.2	10	0.414	3.08	3.52	0.15	0.02	2.50	9.0	62	284	415	2.47	20.0	75.3	11.5	25.1	6.08	< 0.1	0.4	< 0.1	5.8	88.9			
WD13-004-378	10.2	0.2	8	0.689	2.24	4.53	0.21	0.02	3.12	9.3	60	256	304	1.83	14.9	61.7	11.0	16.7	5.65	< 0.1	0.3	< 0.1	6.5	141			
WD13-004-379	16.4	0.2	7	0.703	3.10	> 10.0	0.19	< 0.02	3.77	13.9	79	374	392	2.89	24.9	93.3	11.4	27.8	6.44	< 0.1	0.6	< 0.1	5.4	183			
WD13-004-380	14.3	0.2	9	0.897	3.07	> 10.0	0.18	< 0.02	3.89	13.6	82	371	368	2.55	22.9	89.0	12.3	27.4	7.11	< 0.1	0.5	0.1	5.7	202			
WD13-004-381	12.2	0.2	8	0.857	2.67	> 10.0	0.18	< 0.02	3.24	10.4	66	311	312	2.13	16.7	66.7	11.2	19.8	6.42	< 0.1	0.5	< 0.1	5.8	168			
WD13-004-382	13.0	0.2	9	0.692	2.19	4.17	0.19	< 0.02	3.22	9.9	61	267	275	1.90	15.5	64.0	11.7	18.2	5.94	< 0.1	0.4	0.1	6.2	158			
WD13-004-383	17.7	0.2	8	0.286	2.27	3.29	0.15	0.04	2.59	8.6	52	203	347	2.18	18.5	68.7	8.90	22.2	4.90	< 0.1	0.4	< 0.1	5.5	75.9			
WD13-004-384	21.5	0.2	6	0.231	2.57	3.16	0.14	0.08	2.58	8.7	60	243	376	2.24	19.5	73.0	7.80	31.8	5.14	< 0.1	0.4	0.1	5.6	70.0			
WD13-004-385	3.1	0.1	6	0.963	3.76	> 10.0	0.06	0.11	8.13	2.9	22	179	382	3.72	30.8	518	200	24.3	11.1	< 0.1	2.7	0.8	1.3	87.2			

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	
WD13-004-351	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	4.96	< 0.1	0.3	< 10	4.92	0.17	0.07	0.053	22.49	30.05	< 0.01	< 0.01	0.01	< 0.01	< 0.003	42.61
WD13-004-352	0.7	0.1	0.1	< 0.05	0.2	0.002	505	0.06	4.36	0.9	0.3	20	59.97	15.44	6.37	0.100	4.53	6.71	2.40	0.72	0.45	0.09	0.016	1.79
WD13-004-353	1.0	0.1	0.2	< 0.05	0.4	0.002	< 5	0.07	3.10	1.5	0.4	10	67.79	12.78	6.48	0.117	2.39	4.28	3.20	1.10	0.61	0.14	0.018	1.32
WD13-004-354	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.11	4.13	0.2	< 0.1	< 10	50.21	10.82	9.59	0.178	12.84	12.58	1.34	0.42	0.33	0.03	0.045	1.88
WD13-004-355	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.75	0.2	< 0.1	< 10	50.68	11.06	9.59	0.185	12.66	12.49	1.24	0.28	0.31	0.02	0.043	0.49
WD13-004-356	0.3	< 0.1	< 0.1	< 0.05	0.4	0.001	< 5	0.13	1.07	0.3	< 0.1	< 10	49.57	10.87	9.66	0.192	12.88	12.22	1.45	0.48	0.31	0.02	0.047	1.84
WD13-004-357	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.03	0.2	< 0.1	< 10	49.06	11.34	9.48	0.185	12.74	12.51	1.28	0.41	0.31	0.03	0.045	1.49
WD13-004-358	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	0.88	0.3	< 0.1	< 10	49.52	11.03	9.79	0.193	13.00	12.51	1.24	0.36	0.31	0.03	0.048	1.32
WD13-004-359	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.70	0.2	< 0.1	< 10	49.64	11.32	9.93	0.199	13.16	12.67	1.26	0.29	0.32	0.02	0.052	0.27
WD13-004-360	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.78	0.2	< 0.1	< 10	50.11	11.26	10.01	0.201	13.17	12.84	1.30	0.28	0.37	0.02	0.042	0.10
WD13-004-361	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.94	0.2	< 0.1	< 10	49.89	11.03	9.85	0.203	13.05	12.73	1.32	0.38	0.32	0.02	0.047	0.96
WD13-004-362	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.93	0.2	< 0.1	< 10	50.23	10.56	9.97	0.187	13.15	12.90	1.25	0.31	0.32	0.02	0.049	0.30
WD13-004-363	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.71	0.2	< 0.1	< 10	49.63	11.04	9.93	0.199	13.26	12.48	1.25	0.36	0.31	0.02	0.048	1.12
WD13-004-364	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.76	< 0.1	< 0.1	< 10	50.51	17.62	6.56	0.125	8.54	12.00	2.12	0.38	0.18	0.01	0.025	1.45
WD13-004-365	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.72	< 0.1	< 0.1	< 10	50.89	17.78	6.84	0.128	8.93	11.43	2.11	0.38	0.17	0.01	0.023	1.09
WD13-004-366	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.83	0.2	< 0.1	< 10	51.09	14.66	8.90	0.164	11.48	9.02	1.86	0.50	0.20	0.05	0.018	2.14
WD13-004-367	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.50	0.2	< 0.1	< 10	50.49	8.09	11.00	0.216	15.11	11.27	0.94	0.35	0.34	0.04	0.045	1.57
WD13-004-368	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.63	0.2	< 0.1	< 10	50.57	9.83	10.53	0.199	14.08	11.17	1.11	0.39	0.34	0.04	0.045	0.97
WD13-004-369	0.2	< 0.1	< 0.1	0.22	< 0.1	< 0.001	< 5	0.07	0.71	0.2	< 0.1	< 10	50.80	10.02	10.61	0.196	14.24	11.98	1.13	0.37	0.33	0.03	0.046	0.40
WD13-004-370	0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1800	0.04	5.74	0.2	< 0.1	30	45.26	22.15	6.90	0.089	8.90	12.87	1.17	0.11	0.11	0.01	0.009	2.54
WD13-004-371	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.07	0.70	0.2	< 0.1	< 10	50.14	10.63	10.61	0.209	14.15	11.51	1.21	0.33	0.33	0.03	0.043	0.26
WD13-004-372	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.08	1.10	0.3	< 0.1	< 10	50.96	10.65	10.09	0.203	13.63	11.61	1.32	0.42	0.32	0.03	0.041	1.17
WD13-004-373	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.15	0.72	0.2	< 0.1	< 10	50.74	10.49	10.44	0.200	14.21	11.45	1.22	0.38	0.30	0.03	0.041	1.01
WD13-004-374	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.16	0.83	0.2	< 0.1	< 10	50.92	10.40	10.39	0.198	13.97	11.39	1.26	0.44	0.32	0.03	0.042	1.08
WD13-004-375	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.21	0.82	0.2	< 0.1	< 10	50.40	10.92	10.20	0.198	13.79	11.18	1.24	0.45	0.31	0.02	0.039	1.07
WD13-004-376	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.19	7.08	0.2	< 0.1	< 10	50.48	10.88	9.94	0.197	13.68	11.28	1.30	0.45	0.31	0.01	0.041	1.74
WD13-004-377	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.12	0.4	0.2	< 10	50.40	10.83	9.74	0.202	13.38	10.71	1.55	0.57	0.30	0.02	0.039	2.03
WD13-004-378	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	0.85	0.2	< 0.1	< 10	50.01	10.84	10.24	0.206	13.99	11.21	1.28	0.46	0.30	0.02	0.043	0.86
WD13-004-379	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.010	< 5	0.87	1.12	0.3	< 0.1	< 10	49.91	10.92	10.06	0.181	13.60	11.34	1.31	0.36	0.31	0.03	0.041	2.14
WD13-004-380	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.79	1.48	0.3	< 0.1	< 10	50.72	10.77	9.76	0.181	13.25	11.40	1.30	0.34	0.31	0.03	0.050	1.67
WD13-004-381	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.18	0.96	0.2	< 0.1	< 10	51.14	10.41	10.13	0.194	13.71	11.29	1.26	0.35	0.31	0.03	0.045	0.85
WD13-004-382	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.12	0.75	0.2	< 0.1	< 10	51.39	10.32	10.24	0.189	13.94	11.15	1.28	0.38	0.31	0.02	0.043	0.78
WD13-004-383	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.07	2.36	0.3	< 0.1	< 10	51.01	10.28	10.00	0.201	13.68	10.94	1.14	0.57	0.30	0.02	0.046	2.15
WD13-004-384	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.08	7.30	0.3	< 0.1	< 10	50.64	10.12	10.01	0.201	13.68	11.34	1.26	0.55	0.31	0.03	0.041	2.28
WD13-004-385	0.1	< 0.1	< 0.1	< 0.05	0.3	0.002	2670	0.03	5.75	0.2	< 0.1	50	45.07	21.89	6.87	0.090	8.73	12.63	1.17	0.10	0.10	< 0.01	0.010	2.45

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Mar 20 2013 5:04PM	Apr 8 2013 1:20PM	Apr 8 2013 1:20PM	Apr 8 2013 1:20PM
WD13-004-351	100.4	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.5	0.2
WD13-004-352	98.65	0.03	0.024	< 0.004	0.006	0.06	484	1870	451
WD13-004-353	100.3	0.05	0.020	< 0.004	< 0.004	0.04	2	0.7	0.7
WD13-004-354	100.4	0.11	0.035	0.004	0.006	< 0.01	< 1	4.0	1.4
WD13-004-355	99.16	0.10	0.017	< 0.004	< 0.004	< 0.01	< 1	2.3	1.0
WD13-004-356	99.83	0.16	0.128	0.007	< 0.004	< 0.01	< 1	2.0	1.2
WD13-004-357	99.08	0.12	0.071	0.004	< 0.004	< 0.01	< 1	3.5	2.0
WD13-004-358	99.49	0.10	0.034	0.005	< 0.004	< 0.01	2	3.2	2.0
WD13-004-359	99.40	0.15	0.112	0.006	< 0.004	< 0.01	< 1	1.9	1.1
WD13-004-360	99.90	0.12	0.075	0.004	< 0.004	< 0.01	< 1	9.2	3.4
WD13-004-361	100.1	0.17	0.094	0.008	< 0.004	< 0.01	< 1	16.2	6.4
WD13-004-362	99.53	0.14	0.134	0.007	< 0.004	< 0.01	< 1	2.0	1.3
WD13-004-363	99.99	0.18	0.150	0.007	< 0.004	0.01	1	4.8	2.1
WD13-004-364	99.58	0.04	0.011	< 0.004	< 0.004	< 0.01	< 1	1.6	0.7
WD13-004-365	99.82	0.03	0.012	< 0.004	< 0.004	< 0.01	1	4.0	1.3
WD13-004-366	100.1	0.05	0.017	0.004	< 0.004	< 0.01	< 1	2.4	0.9
WD13-004-367	99.60	0.12	0.021	0.006	< 0.004	< 0.01	1	33.3	4.8
WD13-004-368	99.42	0.11	0.018	0.009	< 0.004	< 0.01	1	18.9	3.8
WD13-004-369	100.4	0.16	0.108	0.006	< 0.004	< 0.01	1	2.1	1.5
WD13-004-370	100.3	0.11	0.069	0.004	0.019	0.10	1270	5990	1430
WD13-004-371	99.65	0.12	0.075	0.007	< 0.004	< 0.01	< 1	2.8	2.0
WD13-004-372	100.6	0.11	0.036	0.007	< 0.004	0.01	< 1	2.8	1.5
WD13-004-373	100.7	0.12	0.033	0.005	< 0.004	< 0.01	< 1	2.2	2.0
WD13-004-374	100.6	0.12	0.043	0.005	< 0.004	0.01	< 1	3.2	2.5
WD13-004-375	100.0	0.12	0.059	0.004	< 0.004	< 0.01	< 1	2.1	1.2
WD13-004-376	100.6	0.16	0.095	0.007	< 0.004	0.01	< 1	2.1	1.3
WD13-004-377	99.95	0.12	0.052	0.006	< 0.004	< 0.01	< 1	2.1	1.8
WD13-004-378	99.67	0.12	0.095	0.005	< 0.004	0.01	< 1	1.9	1.0
WD13-004-379	100.4	0.13	0.064	0.007	< 0.004	0.02	< 1	1.9	1.0
WD13-004-380	99.92	0.11	0.020	0.006	< 0.004	0.02	< 1	2.2	1.0
WD13-004-381	99.85	0.11	0.020	0.005	< 0.004	< 0.01	< 1	1.9	1.0
WD13-004-382	100.2	0.11	0.020	0.004	< 0.004	< 0.01	< 1	2.2	1.6
WD13-004-383	100.5	0.13	0.056	0.004	< 0.004	< 0.01	< 1	1.7	1.1
WD13-004-384	100.7	0.14	0.071	0.004	< 0.004	0.01	< 1	1.8	0.9
WD13-004-385	99.28	0.08	0.068	0.004	0.019	0.10	1210	5960	1380

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	

MICA-FE LABSTD																										
AN-G LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD																										
AC-E LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion)																										
LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-22 LABSTD																										
WD13-004-360																										
Replicate Original																										
WD13-004-360 LABDUP																										
WD13-004-361																										
Replicate Original																										
WD13-004-361 LABDUP																										
WD13-004-363	11.5	0.2	7	0.745	2.13	4.59	0.21	0.03	3.88	11.6	69	249	332	2.04	16.4	64.8	13.2	18.9	6.31	< 0.1	0.4	0.1	7.1	165		
Replicate Original																										
WD13-004-363 LABDUP	11.5	0.2	8	0.786	2.19	4.49	0.20	0.03	3.82	11.8	70	257	338	2.02	16.2	65.3	12.1	19.4	6.44	< 0.1	0.6	0.2	7.1	168		
WD13-004-367																										
Replicate Original																										
WD13-004-367 LABDUP																										
WD13-004-370																										
Replicate Original																										
WD13-004-370 LABDUP																										
WD13-004-371																										
Replicate Original																										
WD13-004-371 LABDUP																										
WD13-004-377	20.0	0.2	10	0.405	2.96	3.40	0.15	0.02	2.60	9.3	63	281	412	2.48	20.4	77.2	11.5	24.7	5.98	< 0.1	0.4	< 0.1	5.9	89.6		
Replicate Original																										
WD13-004-377 LABDUP	18.5	0.2	11	0.423	3.20	3.64	0.14	0.02	2.39	8.6	62	287	417	2.46	19.6	73.5	11.5	25.4	6.18	< 0.1	0.4	< 0.1	5.7	88.1		
WD13-004-380																										
Replicate Original																										
WD13-004-380 Split	14.3	0.2	9	0.897	3.07	> 10.0	0.18	< 0.02	3.89	13.6	82	371	368	2.55	22.9	89.0	12.3	27.4	7.11	< 0.1	0.5	0.1	5.7	202		
Original																										
WD13-004-380 LABDUP																										
WD13-004-380	12.7	0.2	8	0.870	3.20	> 10.0	0.17	< 0.02	3.60	13.0	81	372	376	2.51	22.1	84.4	11.9	26.9	7.11	< 0.1	0.5	< 0.1	5.5	195		
LABPREP																										
WD13-004-382																										
Replicate Original																										
WD13-004-382 LABDUP																										

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	

MICA-FE LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-004-360 Replicate Original																								
WD13-004-360 LABDUP																								
WD13-004-361 Replicate Original																								
WD13-004-361 LABDUP																								
WD13-004-363 Replicate Original	2.60	1.9	< 0.1	0.52	0.024	0.03	< 0.02	0.20	0.02	< 0.02	1.52	47.4	1.8	3.85	0.5	2.26	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-363 LABDUP	2.64	1.7	< 0.1	0.49	0.047	0.03	< 0.02	0.12	0.03	< 0.02	1.52	49.0	1.9	3.99	0.5	2.38	0.6	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-367 Replicate Original																								
WD13-004-367 LABDUP																								
WD13-004-370 Replicate Original																								
WD13-004-370 LABDUP																								
WD13-004-371 Replicate Original																								
WD13-004-371 LABDUP																								
WD13-004-377 Replicate Original	1.96	2.1	< 0.1	0.20	0.030	0.01	< 0.02	0.11	0.02	< 0.02	0.81	33.7	2.2	4.44	0.5	2.23	0.5	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1
WD13-004-377 LABDUP	1.91	2.2	< 0.1	0.21	0.024	0.02	< 0.02	0.10	0.02	< 0.02	0.82	32.6	2.2	4.42	0.6	2.28	0.5	0.2	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1
WD13-004-380 Replicate Original																								
WD13-004-380 Split Original	1.99	1.0	< 0.1	0.32	0.034	0.02	< 0.02	0.11	0.03	< 0.02	0.55	54.5	1.8	3.47	0.4	1.82	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1
WD13-004-380 LABDUP																								
WD13-004-380 LABPREP	1.97	1.1	< 0.1	0.32	0.026	0.03	< 0.02	0.12	0.03	< 0.02	0.53	52.5	1.8	3.32	0.4	1.75	0.4	0.2	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1
WD13-004-382 Replicate Original																								
WD13-004-382 LABDUP																								

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-03-25 14:59:59	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD														32.36	2.27				28.04					
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-004-360 Replicate Original																								
WD13-004-360 LABDUP																								
WD13-004-361 Replicate Original																								
WD13-004-361 LABDUP																								
WD13-004-363 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.69	0.2	< 0.1	< 10												
WD13-004-363 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.72	0.2	< 0.1	< 10												
WD13-004-367 Replicate Original													51.11	8.10	11.12	0.215	15.23	11.40	0.95	0.36	0.34	0.04	0.043	1.55
WD13-004-367 LABDUP													49.87	8.08	10.88	0.217	15.00	11.14	0.94	0.34	0.33	0.04	0.046	1.58
WD13-004-370 Replicate Original																								
WD13-004-370 LABDUP																								
WD13-004-371 Replicate Original																								
WD13-004-371 LABDUP																								
WD13-004-377 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.10	0.4	0.2	< 10												
WD13-004-377 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.15	0.4	0.2	< 10												
WD13-004-380 Replicate Original																								
WD13-004-380 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.79	1.48	0.3	< 0.1	< 10	50.72	10.77	9.76	0.181	13.25	11.40	1.30	0.34	0.31	0.03	0.050	1.67
WD13-004-380 LABDUP																								
WD13-004-380 LABPREP	0.2	< 0.1	< 0.1	0.06	< 0.1	0.002	7	0.77	1.58	0.3	< 0.1	< 10	50.91	10.47	9.90	0.178	13.08	11.50	1.26	0.36	0.32	0.02	0.050	1.66
WD13-004-382 Replicate Original																								
WD13-004-382 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-03-20 17:04:31	2013-04-08 13:20:38	2013-04-08 13:20:38	2013-04-08 13:20:38

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.97			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.059	0.124				
CDN-PGMS-22 LABSTD							1150	5810	1290
CDN-PGMS-22 LABSTD							1200	5860	1420
WD13-004-360 Replicate Original						< 0.01			
WD13-004-360 LABDUP						< 0.01			
WD13-004-361 Replicate Original							< 1	16.0	6.6
WD13-004-361 LABDUP							< 1	16.4	6.1
WD13-004-363 Replicate Original									
WD13-004-363 LABDUP									
WD13-004-367 Replicate Original	100.6	0.12	0.021	0.005	< 0.004				
WD13-004-367 LABDUP	98.60	0.11	0.021	0.007	< 0.004				
WD13-004-370 Replicate Original						0.10			
WD13-004-370 LABDUP						0.10			
WD13-004-371 Replicate Original							1	2.4	1.6
WD13-004-371 LABDUP							< 1	3.1	2.4
WD13-004-377 Replicate Original									
WD13-004-377 LABDUP									
WD13-004-380 Replicate Original						0.02			
WD13-004-380 Split Original	99.92	0.11	0.020	0.006	< 0.004	0.02			
WD13-004-380 LABDUP						0.02			
WD13-004-380 LABPREP	99.87	0.13	0.022	0.005	0.004	0.02			
WD13-004-382 Replicate Original							< 1	2.0	1.6
WD13-004-382 LABDUP							< 1	2.5	1.7



Date Submitted: 13-Mar-13
Invoice No.: A13-02806
Invoice Date: 16-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02806**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02806

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	
WD13-004-386	6.4	< 0.1	41	0.017	> 10.0	0.03	0.02	0.03	22.4	< 0.1	3	4.4	442	0.07	0.4	3.4	1.86	16.5	< 0.02	< 0.1	0.9	< 0.1	0.8	124		
WD13-004-387	11.4	0.3	9	0.427	2.13	> 10.0	0.14	0.10	3.42	6.1	61	86.7	512	3.57	16.1	186	91.7	42.4	7.91	< 0.1	4.4	0.4	4.2	68.0		
WD13-004-388	13.8	0.3	7	0.171	1.12	2.55	0.21	0.08	1.43	7.1	75	43.0	573	3.56	9.5	32.9	44.5	46.3	6.13	< 0.1	4.8	0.3	5.9	67.5		
WD13-004-389	18.3	0.2	8	0.383	2.66	3.20	0.16	0.05	3.09	11.6	70	292	392	2.32	20.2	79.3	9.65	23.9	5.28	< 0.1	0.3	< 0.1	5.7	95.9		
WD13-004-390	7.7	0.2	9	0.774	2.07	> 10.0	0.20	< 0.02	3.07	9.5	65	272	264	1.62	12.7	57.3	11.7	13.6	6.01	< 0.1	0.5	< 0.1	6.6	163		
WD13-004-391	10.0	0.2	6	0.579	2.21	4.30	0.20	0.03	3.18	9.5	59	252	302	1.87	16.1	61.9	12.0	16.0	5.48	< 0.1	0.5	< 0.1	6.3	130		
WD13-004-392	10.5	0.2	5	0.528	2.27	3.84	0.22	0.03	2.83	9.1	59	252	305	1.98	16.7	63.6	10.7	18.0	5.14	< 0.1	0.5	0.1	9.3	122		
WD13-004-393	6.6	0.2	7	0.687	1.77	> 10.0	0.21	< 0.02	3.09	8.6	56	235	245	1.45	11.7	52.4	12.0	12.2	5.47	< 0.1	0.3	< 0.1	6.6	153		
WD13-004-394	6.6	0.1	5	0.678	1.85	4.46	0.19	< 0.02	3.11	8.8	55	243	247	1.51	12.3	54.6	10.9	12.7	5.39	< 0.1	0.5	< 0.1	5.9	150		
WD13-004-395	5.1	0.2	5	0.686	1.71	4.34	0.19	< 0.02	3.26	9.5	57	244	229	1.38	11.6	53.5	11.3	11.6	5.30	< 0.1	0.2	< 0.1	5.7	156		
WD13-004-396	4.8	0.2	5	0.571	1.34	3.72	0.19	< 0.02	2.82	7.7	48	204	190	1.18	10.0	48.4	11.2	9.6	4.53	< 0.1	0.3	< 0.1	5.8	141		
WD13-004-397	14.9	0.2	7	0.373	2.41	2.80	0.18	0.05	2.75	11.6	73	286	391	2.25	19.3	74.9	9.92	21.9	4.93	< 0.1	0.4	< 0.1	6.5	95.8		
WD13-004-398	5.8	0.2	8	0.680	1.58	3.68	0.19	< 0.02	2.96	8.6	58	236	202	1.30	11.0	51.1	11.7	11.6	5.29	< 0.1	0.3	< 0.1	6.4	151		
WD13-004-399	4.6	0.2	7	0.836	1.61	> 10.0	0.19	< 0.02	3.07	8.1	57	229	200	1.17	9.9	48.7	12.2	10.8	5.87	< 0.1	0.3	< 0.1	6.0	175		
WD13-004-400	4.4	0.2	5	0.689	1.70	4.24	0.20	< 0.02	2.90	8.2	55	230	213	1.29	10.9	50.2	11.7	10.7	5.22	< 0.1	0.4	< 0.1	5.9	153		
WD13-004-401	22.7	0.2	8	0.310	2.74	2.82	0.18	0.06	2.67	11.6	76	302	452	2.50	21.7	85.2	11.5	36.6	5.19	< 0.1	0.2	< 0.1	7.2	75.8		
WD13-004-402	9.3	0.2	14	0.641	2.10	3.68	0.20	< 0.02	2.85	9.4	63	270	283	1.63	13.7	59.6	12.0	17.2	5.39	< 0.1	0.3	< 0.1	7.5	143		
WD13-004-403	9.1	0.2	12	0.686	2.30	4.29	0.22	< 0.02	2.92	9.5	63	283	301	1.70	14.2	60.5	11.7	15.9	5.64	< 0.1	0.4	< 0.1	7.2	150		
WD13-004-404	32.6	0.2	19	0.462	5.65	3.97	0.15	< 0.02	2.58	13.3	85	467	624	4.03	29.8	106	10.7	36.1	6.45	< 0.1	0.4	< 0.1	5.4	118		
WD13-004-405	3.0	< 0.1	6	0.918	3.80	> 10.0	0.05	0.11	7.94	2.8	23	178	382	3.61	30.2	501	196	24.1	11.0	< 0.1	2.8	0.9	1.3	88.1		
WD13-004-406	12.3	0.2	12	0.626	2.88	4.17	0.20	< 0.02	2.88	10.4	69	328	365	2.20	18.2	71.1	11.7	20.4	5.67	< 0.1	0.5	0.1	6.5	139		
WD13-004-407	10.3	0.2	9	0.617	2.41	4.12	0.21	< 0.02	2.83	9.4	60	278	322	1.90	15.2	62.2	10.9	17.0	5.37	< 0.1	0.5	< 0.1	6.2	140		
WD13-004-408	12.1	0.2	7	0.569	2.49	4.04	0.20	< 0.02	3.00	10.0	61	281	335	2.09	16.8	67.2	11.8	17.5	5.21	< 0.1	0.4	< 0.1	5.9	144		
WD13-004-409	13.1	0.2	9	0.577	2.20	3.61	0.18	< 0.02	3.01	9.2	58	254	317	1.87	15.1	61.0	11.0	18.8	5.30	< 0.1	0.4	< 0.1	5.7	146		
WD13-004-410	8.7	0.2	11	0.758	2.16	4.25	0.22	< 0.02	3.27	10.5	68	277	278	1.64	13.4	60.2	12.3	16.0	6.00	< 0.1	0.4	0.1	7.4	174		
WD13-004-411	9.6	0.2	9	0.656	2.29	4.07	0.19	< 0.02	2.67	8.6	60	261	286	1.71	13.4	56.2	11.6	16.4	5.45	< 0.1	0.4	< 0.1	6.5	144		
WD13-004-412	10.5	0.1	8	0.535	2.62	3.86	0.24	< 0.02	3.02	10.8	64	303	347	2.09	17.4	70.0	11.6	18.4	5.13	< 0.1	0.5	< 0.1	7.7	132		
WD13-004-413	14.5	0.2	7	0.463	2.33	3.62	0.21	< 0.02	3.01	10.2	61	269	360	2.14	17.6	69.2	10.6	20.0	5.09	< 0.1	0.4	< 0.1	7.5	131		
WD13-004-414	18.7	0.1	7	0.266	2.99	2.76	0.13	0.03	2.01	8.2	59	258	413	2.33	18.7	65.1	7.42	46.0	4.74	< 0.1	0.4	0.2	5.6	75.6		
WD13-004-415	18.2	0.2	7	0.282	3.11	2.80	0.13	0.05	2.26	9.9	62	266	441	2.44	19.5	70.9	14.2	32.6	4.68	< 0.1	0.4	< 0.1	4.7	67.8		
WD13-004-416	11.0	0.1	6	0.389	2.62	3.20	0.17	0.02	2.61	9.7	59	261	365	2.13	17.4	65.0	11.2	17.8	4.55	< 0.1	0.4	< 0.1	6.2	95.5		
WD13-004-417	6.5	0.2	7	0.610	1.72	3.89	0.20	< 0.02	3.14	9.4	55	230	228	1.40	11.9	53.1	11.0	11.6	5.01	< 0.1	0.3	< 0.1	6.2	157		
WD13-004-418	5.9	0.2	7	0.734	1.83	3.97	0.19	< 0.02	3.49	10.8	64	254	235	1.37	12.1	56.3	11.6	13.5	5.76	< 0.1	0.3	< 0.1	6.3	181		
WD13-004-419	5.7	0.2	8	0.700	2.01	3.96	0.18	< 0.02	3.02	9.4	62	245	254	1.47	12.3	53.1	11.4	14.0	5.68	< 0.1	0.4	< 0.1	6.1	159		
WD13-004-420	2.8	< 0.1	5	0.833	3.79	> 10.0	0.05	0.11	7.67	2.8	21	170	378	3.49	29.1	477	184	22.6	10.6	< 0.1	2.6	0.6	1.3	85.6		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Mar 25 2013 2:59PM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM
WD13-004-386	< 0.1	< 0.1	< 0.1	0.15	0.1	0.001	9	0.05	2.28	< 0.1	0.4	< 10	8.72	0.13	0.06	0.049	21.55	27.80	< 0.01	< 0.01	0.02	< 0.01	< 0.003	41.14
WD13-004-387	0.7	< 0.1	0.2	0.09	0.2	0.003	302	0.07	4.55	0.9	0.3	< 10	60.67	16.07	6.51	0.104	4.69	6.76	2.42	0.75	0.45	0.10	0.017	1.82
WD13-004-388	0.9	0.1	0.2	< 0.05	0.5	0.001	< 5	0.07	3.01	1.4	0.4	< 10	66.65	13.38	6.46	0.109	2.46	4.27	3.23	1.11	0.61	0.14	0.022	1.37
WD13-004-389	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.53	0.3	< 0.1	< 10	49.95	10.13	9.94	0.193	13.64	11.03	1.17	0.46	0.32	0.03	0.043	1.98
WD13-004-390	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	0.78	0.3	< 0.1	< 10	50.26	10.66	10.81	0.204	14.44	11.25	1.23	0.39	0.33	0.03	0.045	0.34
WD13-004-391	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.83	0.3	< 0.1	< 10	50.30	10.48	10.42	0.199	14.01	11.46	1.26	0.42	0.31	0.03	0.042	1.01
WD13-004-392	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	0.83	0.3	< 0.1	< 10	50.56	10.44	10.43	0.210	14.27	11.29	1.19	0.41	0.31	0.02	0.040	1.17
WD13-004-393	0.2	< 0.1	< 0.1	0.07	< 0.1	0.001	5	0.08	1.21	0.3	< 0.1	< 10	50.36	10.53	10.80	0.216	14.59	11.39	1.37	0.41	0.32	0.03	0.049	0.15
WD13-004-394	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.75	0.3	< 0.1	< 10	50.27	10.24	10.77	0.208	14.58	11.33	1.19	0.35	0.31	0.03	0.049	0.28
WD13-004-395	0.2	< 0.1	< 0.1	0.10	< 0.1	< 0.001	< 5	0.06	0.80	0.3	< 0.1	< 10	50.53	9.91	10.98	0.214	14.85	11.31	1.16	0.30	0.32	0.02	0.043	0.02
WD13-004-396	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.65	0.3	< 0.1	< 10	50.51	9.53	11.27	0.220	15.26	11.21	1.08	0.29	0.33	0.02	0.044	0.00
WD13-004-397	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.99	0.3	< 0.1	< 10	50.11	9.83	10.68	0.220	14.55	10.95	1.29	0.43	0.32	0.03	0.050	1.59
WD13-004-398	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	0.75	0.3	< 0.1	< 10	50.62	9.73	11.00	0.216	14.84	11.21	1.16	0.34	0.32	0.03	0.042	0.17
WD13-004-399	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.85	0.3	< 0.1	< 10	51.07	10.53	10.84	0.211	14.56	11.32	1.26	0.30	0.33	0.03	0.049	-0.01
WD13-004-400	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.77	0.3	< 0.1	< 10	50.63	10.11	10.94	0.221	14.76	11.28	1.14	0.30	0.31	0.02	0.042	0.16
WD13-004-401	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.15	28.9	0.3	0.1	< 10	50.81	9.20	10.33	0.222	14.04	10.72	1.24	0.49	0.31	0.02	0.041	2.05
WD13-004-402	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	1.64	0.3	< 0.1	< 10	50.91	10.08	10.65	0.212	14.28	10.99	1.21	0.44	0.32	0.03	0.052	0.52
WD13-004-403	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.17	0.94	0.3	< 0.1	< 10	51.89	9.99	10.59	0.202	14.21	10.94	1.22	0.47	0.33	0.02	0.039	0.42
WD13-004-404	0.2	< 0.1	< 0.1	0.07	< 0.1	0.001	< 5	0.56	1.02	0.3	< 0.1	< 10	50.00	9.42	10.44	0.180	14.55	10.10	1.33	0.40	0.32	0.03	0.042	3.40
WD13-004-405	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1120	0.04	5.65	0.2	< 0.1	40	45.01	21.75	6.85	0.083	8.71	12.54	1.18	0.10	0.10	0.01	0.010	2.49
WD13-004-406	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.38	0.96	0.3	< 0.1	< 10	50.71	9.74	10.56	0.201	14.24	10.65	1.18	0.41	0.32	0.03	0.048	0.95
WD13-004-407	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.23	0.99	0.3	< 0.1	< 10	50.95	10.04	10.87	0.211	14.53	10.90	1.24	0.43	0.32	0.03	0.047	0.64
WD13-004-408	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.35	1.09	0.3	< 0.1	< 10	50.13	9.96	10.85	0.213	14.76	10.97	1.22	0.40	0.32	0.03	0.046	1.01
WD13-004-409	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.36	2.23	0.2	< 0.1	< 10	51.38	10.18	10.39	0.203	14.07	10.93	1.24	0.41	0.32	0.02	0.039	1.10
WD13-004-410	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.21	1.10	0.3	< 0.1	< 10	50.20	10.43	10.77	0.209	14.50	11.23	1.24	0.41	0.32	0.03	0.047	0.44
WD13-004-411	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.27	1.12	0.3	< 0.1	< 10	50.15	10.27	10.82	0.209	14.49	11.07	1.21	0.43	0.33	0.02	0.040	0.68
WD13-004-412	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.22	1.05	0.3	< 0.1	< 10	50.21	9.65	10.95	0.207	14.83	10.94	1.14	0.46	0.32	0.03	0.049	0.91
WD13-004-413	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	2.60	0.3	< 0.1	< 10	50.78	10.26	10.53	0.201	14.14	11.03	1.22	0.54	0.31	0.03	0.047	1.20
WD13-004-414	0.2	< 0.1	< 0.1	0.09	< 0.1	< 0.001	< 5	0.23	11.0	0.3	< 0.1	< 10	50.68	9.66	10.40	0.211	14.35	10.62	1.30	0.58	0.31	0.02	0.037	2.41
WD13-004-415	0.3	< 0.1	< 0.1	< 0.05	3.1	0.001	< 5	0.13	8.49	0.3	< 0.1	< 10	50.43	9.36	10.61	0.204	14.22	10.43	1.25	0.53	0.31	0.03	0.043	2.41
WD13-004-416	0.2	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.24	0.82	0.3	< 0.1	< 10	50.97	9.62	10.70	0.212	14.40	10.87	1.17	0.51	0.31	0.03	0.050	1.62
WD13-004-417	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.15	0.83	0.3	< 0.1	< 10	51.98	9.52	10.70	0.207	14.22	11.17	1.19	0.33	0.33	0.02	0.046	0.21
WD13-004-418	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	0.76	0.2	< 0.1	< 10	51.37	9.78	10.78	0.212	14.39	11.43	1.17	0.30	0.32	0.03	0.044	0.04
WD13-004-419	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.91	0.3	< 0.1	< 10	51.04	9.85	10.58	0.204	14.18	11.40	1.16	0.30	0.32	0.03	0.046	0.47
WD13-004-420	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	928	0.04	5.40	0.1	< 0.1	30	44.99	22.23	7.14	0.091	8.96	12.95	1.22	0.11	0.11	0.01	0.013	2.57

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Apr 1 2013 11:13AM	Mar 20 2013 5:04PM	Apr 16 2013 11:48AM	Apr 16 2013 11:48AM	Apr 16 2013 11:48AM
WD13-004-386	99.46	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.5	0.1
WD13-004-387	100.4	0.02	0.029	< 0.004	0.007	0.05	497	1980	435
WD13-004-388	99.84	0.01	0.006	< 0.004	0.005	0.04	2	1.0	0.8
WD13-004-389	99.01	0.11	0.019	0.004	< 0.004	0.01	< 1	1.9	1.1
WD13-004-390	100.2	0.12	0.037	0.008	< 0.004	< 0.01	< 1	2.7	1.7
WD13-004-391	100.3	0.19	0.134	0.005	< 0.004	0.01	< 1	1.7	1.1
WD13-004-392	100.5	0.13	0.069	0.004	< 0.004	0.02	< 1	2.7	1.3
WD13-004-393	100.5	0.16	0.103	0.008	< 0.004	< 0.01	< 1	2.0	1.2
WD13-004-394	99.78	0.12	0.046	0.004	< 0.004	0.01	< 1	1.8	1.2
WD13-004-395	99.81	0.12	0.040	0.007	< 0.004	< 0.01	1	2.6	1.4
WD13-004-396	99.95	0.13	0.042	0.010	< 0.004	< 0.01	< 1	2.5	1.8
WD13-004-397	100.2	0.12	0.033	0.007	< 0.004	0.01	< 1	1.7	1.1
WD13-004-398	99.86	0.13	0.053	0.005	< 0.004	< 0.01	< 1	2.0	1.5
WD13-004-399	100.7	0.14	0.060	0.007	< 0.004	< 0.01	< 1	2.2	1.4
WD13-004-400	100.1	0.13	0.056	0.007	< 0.004	< 0.01	< 1	2.1	1.3
WD13-004-401	99.64	0.12	0.043	0.007	< 0.004	0.02	< 1	2.0	1.8
WD13-004-402	99.84	0.12	0.020	0.004	< 0.004	< 0.01	3	3.3	2.7
WD13-004-403	100.5	0.11	0.020	0.008	< 0.004	< 0.01	< 1	2.0	1.5
WD13-004-404	100.3	0.12	0.020	0.004	< 0.004	< 0.01	1	2.3	1.6
WD13-004-405	98.99	0.07	0.064	0.004	0.020	0.10	1200	5980	1250
WD13-004-406	99.18	0.12	0.025	0.004	< 0.004	< 0.01	2	3.0	2.6
WD13-004-407	100.4	0.13	0.035	0.007	< 0.004	< 0.01	2	2.7	1.6
WD13-004-408	100.1	0.12	0.051	< 0.004	< 0.004	< 0.01	4	4.0	2.6
WD13-004-409	100.4	0.12	0.045	0.007	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-410	100.0	0.12	0.049	0.005	< 0.004	< 0.01	< 1	2.0	2.4
WD13-004-411	99.90	0.12	0.055	0.008	< 0.004	< 0.01	2	4.9	2.6
WD13-004-412	99.86	0.12	0.034	0.008	< 0.004	< 0.01	1	3.8	2.3
WD13-004-413	100.5	0.12	0.046	0.006	< 0.004	< 0.01	1	2.5	1.6
WD13-004-414	100.7	0.12	0.042	0.004	< 0.004	< 0.01	< 1	1.8	1.3
WD13-004-415	99.96	0.11	0.021	0.007	< 0.004	0.01	1	1.8	1.6
WD13-004-416	100.6	0.12	0.028	0.006	< 0.004	< 0.01	< 1	1.7	1.0
WD13-004-417	100.1	0.12	0.025	0.004	< 0.004	< 0.01	< 1	2.0	1.2
WD13-004-418	100.0	0.12	0.021	0.006	< 0.004	< 0.01	< 1	1.8	1.2
WD13-004-419	99.73	0.12	0.020	0.009	< 0.004	< 0.01	< 1	2.1	1.1
WD13-004-420	100.6	0.12	0.065	0.004	0.021	0.10	1070	5700	1180

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-389

Replicate Original

WD13-004-389 LABDUP

WD13-004-395

Replicate Original

WD13-004-395 LABDUP

WD13-004-396

Replicate Original

WD13-004-396 LABDUP

WD13-004-399

Replicate Original

WD13-004-399 LABDUP

WD13-004-403

Replicate Original

WD13-004-403 LABDUP

WD13-004-406

Replicate Original

WD13-004-406 LABDUP

WD13-004-409

Replicate Original

WD13-004-409 LABDUP

WD13-004-415 Split

Original

WD13-004-415 LABPREP

WD13-004-417

Replicate Original

WD13-004-417 LABDUP

WD13-004-419

Replicate Original

WD13-004-419 LABDUP

WD13-004-389	17.9	0.2	7	0.367	2.59	3.28	0.16	0.05	3.08	11.4	67	287	394	2.36	20.2	78.7	9.34	23.0	5.09	< 0.1	0.3	< 0.1	5.6	93.8
WD13-004-389 LABDUP	18.7	0.2	10	0.399	2.72	3.13	0.16	0.05	3.10	11.8	73	297	390	2.27	20.1	80.0	9.95	24.7	5.48	< 0.1	0.3	0.2	5.9	98.1
WD13-004-395																								
WD13-004-395 LABDUP																								
WD13-004-396																								
WD13-004-396 LABDUP																								
WD13-004-399																								
WD13-004-399 LABDUP	8.9	0.2	12	0.673	2.25	4.23	0.22	< 0.02	2.88	9.2	61	276	297	1.68	14.1	59.6	11.4	15.2	5.49	< 0.1	0.4	< 0.1	7.0	145
WD13-004-403																								
WD13-004-403 LABDUP	9.3	0.1	13	0.698	2.35	4.34	0.22	< 0.02	2.97	9.8	66	290	306	1.72	14.4	61.5	11.9	16.5	5.80	< 0.1	0.5	0.1	7.4	154
WD13-004-406																								
WD13-004-406 LABDUP																								
WD13-004-409																								
WD13-004-409 LABDUP																								
WD13-004-415 Split	18.2	0.2	7	0.282	3.11	2.80	0.13	0.05	2.26	9.9	62	266	441	2.44	19.5	70.9	14.2	32.6	4.68	< 0.1	0.4	< 0.1	4.7	67.8
WD13-004-415 LABPREP	19.3	0.2	6	0.255	2.95	2.74	0.14	0.05	2.54	11.1	62	265	448	2.52	21.0	75.4	10.9	31.9	4.61	< 0.1	0.4	< 0.1	5.1	71.5
WD13-004-417																								
WD13-004-417 LABDUP																								
WD13-004-419																								
WD13-004-419 LABDUP																								

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	

MICA-FE LABSTD																											
AN-G LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
BE-N LABSTD																											
AC-E LABSTD																											
BaSO4 LABSTD																											
BaSO4 LABSTD																											
BaSO4 LABSTD																											
BaSO4 LABSTD																											
Oreas 74a (Fusion)																											
LABSTD																											
CDN-PGMS-22 LABSTD																											
CDN-PGMS-22 LABSTD																											
CDN-PGMS-23 LABSTD																											
WD13-004-389	2.27	2.0	< 0.1	0.66	0.026	0.03	< 0.02	0.11	0.02	< 0.02	0.59	33.9	2.1	4.28	0.5	2.23	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1			
Replicate Original																											
WD13-004-389 LABDUP	2.39	2.4	< 0.1	0.68	0.028	0.04	< 0.02	0.12	0.02	< 0.02	0.58	35.4	2.2	4.59	0.6	2.38	0.5	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1			
WD13-004-395																											
Replicate Original																											
WD13-004-395 LABDUP																											
WD13-004-396																											
Replicate Original																											
WD13-004-396 LABDUP																											
WD13-004-399																											
Replicate Original																											
WD13-004-399 LABDUP																											
WD13-004-403	1.79	2.1	< 0.1	0.28	0.019	0.02	< 0.02	0.10	0.03	< 0.02	0.69	64.2	1.8	3.25	0.4	1.76	0.4	0.2	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1			
Replicate Original																											
WD13-004-403 LABDUP	1.90	2.4	< 0.1	0.29	0.013	0.02	< 0.02	0.10	0.03	< 0.02	0.70	66.3	1.8	3.42	0.4	1.82	0.4	0.2	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1			
WD13-004-406																											
Replicate Original																											
WD13-004-406 LABDUP																											
WD13-004-409																											
Replicate Original																											
WD13-004-409 LABDUP																											
WD13-004-415 Split	2.41	1.8	< 0.1	1.41	1.09	0.03	< 0.02	0.09	0.02	< 0.02	0.62	26.7	2.1	4.36	0.6	2.48	0.6	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1			
Original																											
WD13-004-415 LABPREP	2.47	1.8	< 0.1	1.37	0.134	0.04	< 0.02	0.09	0.02	< 0.02	0.63	27.6	2.2	4.44	0.6	2.31	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1			
WD13-004-417																											
Replicate Original																											
WD13-004-417 LABDUP																											
WD13-004-419																											
Replicate Original																											
WD13-004-419 LABDUP																											

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Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																									
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-03- 25 14:59:59	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	2013-04- 01 11:13:08	

MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.36	2.27				28.04						
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-389 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.50	0.3	< 0.1	< 10													
WD13-004-389 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.12	1.55	0.3	< 0.1	< 10													
WD13-004-395 Replicate Original													50.35	9.91	10.94	0.216	14.84	11.29	1.17	0.29	0.32	0.02	0.042	0.00	
WD13-004-395 LABDUP													50.70	9.91	11.02	0.212	14.87	11.32	1.15	0.30	0.32	0.02	0.044	0.03	
WD13-004-396 Replicate Original																									
WD13-004-396 LABDUP																									
WD13-004-399 Replicate Original																									
WD13-004-399 LABDUP																									
WD13-004-403 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.17	0.94	0.3	< 0.1	< 10													
WD13-004-403 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.17	0.94	0.3	< 0.1	< 10													
WD13-004-406 Replicate Original																									
WD13-004-406 LABDUP																									
WD13-004-409 Replicate Original																									
WD13-004-409 LABDUP																									
WD13-004-415 Split Original	0.3	< 0.1	< 0.1	< 0.05	3.1	0.001	< 5	0.13	8.49	0.3	< 0.1	< 10	50.43	9.36	10.61	0.204	14.22	10.43	1.25	0.53	0.31	0.03	0.043	2.41	
WD13-004-415 LABPREP	0.3	< 0.1	< 0.1	< 0.05	0.9	0.001	< 5	0.13	8.11	0.3	< 0.1	< 10	50.53	9.32	10.39	0.203	14.12	10.37	1.24	0.52	0.30	0.03	0.042	2.37	
WD13-004-417 Replicate Original																									
WD13-004-417 LABDUP																									
WD13-004-419 Replicate Original																									
WD13-004-419 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-04-01 11:13:08	2013-03-20 17:04:31	2013-04-16 11:48:21	2013-04-16 11:48:21	2013-04-16 11:48:21

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.97			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.059	0.124				
CDN-PGMS-22 LABSTD							1210	5950	1250
CDN-PGMS-22 LABSTD							1140	5840	1220
CDN-PGMS-23 LABSTD							533	2120	491
WD13-004-389 Replicate Original						0.01			
WD13-004-389 LABDUP						0.01			
WD13-004-395 Replicate Original	99.56	0.12	0.039	0.007	< 0.004				
WD13-004-395 LABDUP	100.1	0.12	0.041	0.007	< 0.004				
WD13-004-396 Replicate Original							< 1	2.1	1.6
WD13-004-396 LABDUP							1	2.9	2.1
WD13-004-399 Replicate Original						< 0.01			
WD13-004-399 LABDUP						< 0.01			
WD13-004-403 Replicate Original									
WD13-004-403 LABDUP									
WD13-004-406 Replicate Original							2	3.3	2.6
WD13-004-406 LABDUP							2	2.8	2.6
WD13-004-409 Replicate Original						< 0.01			
WD13-004-409 LABDUP						< 0.01			
WD13-004-415 Split Original	99.96	0.11	0.021	0.007	< 0.004	0.01			
WD13-004-415 LABPREP	99.58	0.12	0.020	0.007	< 0.004	0.01			
WD13-004-417 Replicate Original							< 1	2.0	1.2
WD13-004-417 LABDUP							< 1	2.0	1.2
WD13-004-419 Replicate Original						< 0.01			
WD13-004-419 LABDUP						< 0.01			



Date Submitted: 15-Mar-13
Invoice No.: A13-02908
Invoice Date: 29-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue,
Thunder Bay ON P7B 2R2 Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02908**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02908 rev 1

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	
WD13-004-421	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	2.31	< 0.1	0.3	10	6.88	0.25	0.07	0.053	21.17	28.51	< 0.01	0.01	0.02	0.02	< 0.003	41.61
WD13-004-422	0.8	0.1	0.2	< 0.05	0.5	0.003	482	0.07	4.45	1.0	0.3	20	60.75	16.00	6.48	0.105	4.60	6.73	2.54	0.77	0.47	0.10	0.015	1.78
WD13-004-423	1.1	0.2	0.3	< 0.05	0.5	0.002	< 5	0.08	3.36	1.5	0.5	20	67.25	13.57	6.29	0.113	2.42	4.20	3.26	1.15	0.60	0.14	0.021	1.42
WD13-004-424	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.17	10.7	0.4	0.1	< 10	50.78	10.15	9.96	0.192	13.46	10.82	1.35	0.57	0.30	0.03	0.034	2.03
WD13-004-425	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.20	0.97	0.3	< 0.1	< 10	51.55	10.39	10.29	0.197	13.82	11.06	1.25	0.44	0.32	0.03	0.046	0.81
WD13-004-426	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.26	1.13	0.3	< 0.1	< 10	51.38	10.35	10.19	0.185	13.72	11.13	1.25	0.38	0.31	0.03	0.038	0.96
WD13-004-427	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.15	0.94	0.3	< 0.1	< 10	51.75	10.66	10.29	0.194	13.79	11.34	1.28	0.34	0.30	0.03	0.043	0.24
WD13-004-428	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.25	6.45	0.3	< 0.1	< 10	50.71	10.32	10.11	0.181	13.64	10.99	1.37	0.46	0.30	0.03	0.054	1.59
WD13-004-429	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.25	11.3	0.3	< 0.1	< 10	50.35	10.01	9.98	0.203	13.76	10.66	1.25	0.51	0.31	0.03	0.039	2.60
WD13-004-430	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.43	0.88	0.3	< 0.1	< 10	50.84	10.27	10.17	0.198	13.48	10.96	1.28	0.53	0.31	0.03	0.043	1.13
WD13-004-431	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.13	1.02	0.3	< 0.1	< 10	51.02	9.85	10.07	0.200	13.65	10.77	1.57	0.51	0.29	0.04	0.036	2.47
WD13-004-432	0.4	< 0.1	0.1	0.05	0.1	0.001	< 5	0.42	1.72	0.3	< 0.1	< 10	49.20	10.17	10.20	0.202	13.79	11.74	1.32	0.45	0.31	0.03	0.036	2.96
WD13-004-433	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	1.22	0.3	< 0.1	< 10	50.61	9.78	10.01	0.200	13.51	10.82	1.31	0.55	0.29	0.03	0.048	2.44
WD13-004-434	0.4	< 0.1	0.1	< 0.05	< 0.1	0.002	< 5	0.13	2.13	0.3	0.2	< 10	50.84	10.08	10.03	0.211	13.33	10.91	1.38	0.54	0.29	0.03	0.040	2.21
WD13-004-435	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.31	2.36	0.3	< 0.1	< 10	50.77	9.69	10.37	0.207	14.06	10.89	1.21	0.47	0.31	0.02	0.053	1.44
WD13-004-436	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.22	0.94	0.3	< 0.1	< 10	51.26	10.27	10.40	0.194	13.95	11.10	1.27	0.41	0.31	0.03	0.045	0.60
WD13-004-437	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.84	0.2	< 0.1	< 10	51.67	10.37	10.44	0.200	13.94	11.23	1.31	0.35	0.29	0.03	0.043	0.13
WD13-004-438	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.12	0.89	0.2	< 0.1	< 10	51.67	10.37	10.27	0.197	13.71	11.25	1.36	0.42	0.30	0.03	0.034	0.29
WD13-004-439	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.20	1.01	0.3	< 0.1	< 10	51.34	9.56	10.63	0.201	14.14	10.91	1.17	0.44	0.30	0.03	0.038	0.76
WD13-004-440	0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1270	0.03	5.26	0.2	< 0.1	30	45.61	22.24	6.88	0.085	8.74	12.66	1.27	0.13	0.09	0.01	0.009	2.57
WD13-004-441	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.11	0.82	0.2	< 0.1	< 10	51.50	10.19	10.40	0.198	13.92	11.23	1.23	0.40	0.30	0.04	0.041	0.77
WD13-004-442	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.80	0.2	< 0.1	< 10	50.67	10.12	10.27	0.201	13.76	10.94	1.25	0.52	0.31	0.03	0.038	1.73
WD13-004-443	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	0.65	0.3	< 0.1	< 10	50.70	10.08	10.02	0.190	13.62	11.02	1.30	0.44	0.29	0.03	0.042	1.85
WD13-004-444	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.76	0.2	< 0.1	< 10	50.71	10.12	10.19	0.195	13.69	10.86	1.20	0.43	0.30	0.03	0.051	1.70
WD13-004-445	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	4.76	0.2	< 0.1	< 10	51.48	9.77	10.19	0.205	13.76	10.67	1.48	0.52	0.29	0.02	0.044	1.72
WD13-004-446	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	8.04	0.2	< 0.1	< 10	51.31	9.66	10.22	0.213	13.93	10.41	1.50	0.51	0.28	0.03	0.049	2.50
WD13-004-447	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.05	14.0	0.3	< 0.1	< 10	51.34	9.86	10.09	0.211	13.63	10.93	1.44	0.46	0.31	0.03	0.042	2.28
WD13-004-448	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.68	0.3	< 0.1	< 10	50.40	9.71	10.23	0.206	13.83	11.10	1.17	0.42	0.31	0.02	0.032	2.40
WD13-004-449	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.69	0.2	< 0.1	< 10	50.09	10.10	10.10	0.195	13.57	11.05	1.21	0.44	0.30	0.03	0.037	2.28
WD13-004-450	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.67	0.2	< 0.1	< 10	51.00	10.05	10.26	0.201	13.84	11.12	1.19	0.43	0.31	0.03	0.043	2.15
WD13-004-451	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.77	0.3	< 0.1	< 10	50.40	9.53	10.44	0.204	13.98	10.96	1.10	0.36	0.30	0.03	0.032	2.03
WD13-004-452	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.09	0.76	0.3	< 0.1	< 10	50.98	9.81	10.44	0.203	14.04	11.11	1.14	0.38	0.31	0.02	0.049	1.46
WD13-004-453	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	0.80	0.2	< 0.1	< 10	50.53	10.16	10.15	0.200	13.62	11.07	1.20	0.42	0.30	0.02	0.041	1.83
WD13-004-454	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	0.79	0.2	< 0.1	< 10	51.88	9.73	10.72	0.199	14.31	11.36	1.18	0.34	0.31	0.03	0.045	0.35
WD13-004-455	0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1290	0.03	6.30	0.3	0.1	20	45.49	22.01	6.88	0.090	8.68	12.73	1.33	0.13	0.09	0.01	0.013	2.52

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Apr 2 2013 10:09AM	Mar 25 2013 1:45PM	Apr 29 2013 3:54PM	Apr 29 2013 3:54PM	Apr 29 2013 3:54PM
WD13-004-421	98.59	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	0.5
WD13-004-422	100.4	0.03	0.024	< 0.004	0.008	0.06	495	2050	450
WD13-004-423	100.4	< 0.01	0.006	< 0.004	< 0.004	0.04	6	1.4	0.7
WD13-004-424	99.83	0.12	0.023	0.007	< 0.004	0.01	< 1	3.3	1.3
WD13-004-425	100.3	0.12	0.021	0.008	< 0.004	< 0.01	< 1	2.0	1.2
WD13-004-426	100.1	0.12	0.020	0.004	< 0.004	0.01	< 1	2.2	2.0
WD13-004-427	100.4	0.11	0.020	0.004	< 0.004	< 0.01	< 1	1.8	1.2
WD13-004-428	99.89	0.11	0.017	0.005	< 0.004	0.01	< 1	1.8	1.2
WD13-004-429	99.83	0.10	0.020	0.004	< 0.004	0.02	< 1	4.2	1.8
WD13-004-430	99.38	0.12	0.019	0.007	< 0.004	0.02	< 1	1.9	1.2
WD13-004-431	100.6	0.12	0.021	0.007	< 0.004	0.02	< 1	1.9	1.3
WD13-004-432	100.6	0.12	0.017	0.007	< 0.004	0.09	< 1	1.6	1.3
WD13-004-433	99.73	0.10	0.020	0.004	< 0.004	0.02	< 1	1.8	1.2
WD13-004-434	100.0	0.11	0.033	0.005	< 0.004	0.02	< 1	2.0	2.3
WD13-004-435	99.63	0.12	0.022	0.007	< 0.004	0.01	< 1	1.5	1.2
WD13-004-436	99.98	0.12	0.020	0.008	< 0.004	0.01	< 1	1.6	1.2
WD13-004-437	100.1	0.12	0.021	0.005	< 0.004	< 0.01	< 1	1.7	1.5
WD13-004-438	100.1	0.12	0.036	0.007	< 0.004	< 0.01	< 1	1.6	1.1
WD13-004-439	99.67	0.12	0.023	0.007	< 0.004	0.01	< 1	1.6	1.4
WD13-004-440	100.5	0.08	0.064	< 0.004	0.019	0.10	1260	6030	1330
WD13-004-441	100.4	0.12	0.018	0.005	< 0.004	< 0.01	< 1	2.2	2.2
WD13-004-442	99.98	0.12	0.018	0.006	< 0.004	0.01	< 1	2.1	1.2
WD13-004-443	99.73	0.12	0.021	0.004	< 0.004	0.01	< 1	1.8	1.2
WD13-004-444	99.61	0.11	0.020	0.007	< 0.004	0.01	2	1.9	1.1
WD13-004-445	100.3	0.12	0.020	0.004	< 0.004	0.01	< 1	1.8	1.5
WD13-004-446	100.7	0.12	0.024	< 0.004	< 0.004	< 0.01	< 1	1.9	0.9
WD13-004-447	100.7	0.11	0.019	0.007	< 0.004	< 0.01	< 1	1.6	1.2
WD13-004-448	99.96	0.11	0.021	< 0.004	< 0.004	0.01	< 1	1.6	1.0
WD13-004-449	99.54	0.12	0.022	0.005	< 0.004	0.01	< 1	1.6	1.2
WD13-004-450	100.8	0.11	0.023	0.007	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-004-451	99.51	0.12	0.020	0.008	< 0.004	< 0.01	< 1	1.8	1.2
WD13-004-452	100.1	0.12	0.026	0.007	< 0.004	0.01	< 1	1.6	1.3
WD13-004-453	99.68	0.11	0.019	0.007	< 0.004	0.01	< 1	1.4	1.1
WD13-004-454	100.6	0.12	0.022	< 0.004	< 0.004	< 0.01	< 1	2.0	1.4
WD13-004-455	100.1	0.08	0.064	0.004	0.018	0.10	1240	6250	1330

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD																								
AN-G LABSTD																								
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AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-430 Replicate Original																								
WD13-004-430 LABDUP																								
WD13-004-431 Replicate Original																								
WD13-004-431 LABDUP																								
WD13-004-433 Replicate Original	19.3	0.2	19	0.267	3.03	2.77	0.19	0.07	2.90	13.4	86	356	560	2.92	22.7	92.2	9.39	34.9	5.84	< 0.1	0.4	0.1	9.4	67.6
WD13-004-433 LABDUP	19.2	0.2	18	0.271	3.09	2.89	0.19	0.08	2.95	13.4	85	362	578	3.04	23.3	92.4	10.9	37.0	5.98	< 0.1	0.3	< 0.1	9.4	67.1
WD13-004-440 Replicate Original																								
WD13-004-440 LABDUP																								
WD13-004-441 Replicate Original																								
WD13-004-441 LABDUP																								
WD13-004-447 Replicate Original	19.7	0.2	56	0.302	2.69	2.85	0.14	0.05	2.79	11.9	80	314	554	2.84	21.4	84.7	6.11	58.2	5.82	< 0.1	0.3	0.1	5.8	83.0
WD13-004-447 LABDUP	19.1	0.2	50	0.291	2.64	2.83	0.14	0.05	2.77	11.8	75	305	553	2.85	21.8	84.1	6.04	56.5	5.53	< 0.1	0.3	< 0.1	5.6	77.5
WD13-004-450 Replicate Original																								
WD13-004-450 Split Original	13.6	0.2	10	0.435	2.59	3.18	0.13	0.03	2.83	11.7	67	276	470	2.68	20.3	79.3	11.0	26.3	5.65	< 0.1	0.4	< 0.1	4.5	98.0
WD13-004-450 LABDUP																								
WD13-004-450 LABPREP	12.7	0.2	8	0.408	2.49	3.14	0.13	0.03	2.76	11.1	62	260	468	2.71	20.5	77.4	10.4	24.4	5.28	< 0.1	0.3	< 0.1	4.2	88.5
WD13-004-452 Replicate Original																								
WD13-004-452 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
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BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-430 Replicate Original																								
WD13-004-430 LABDUP																								
WD13-004-431 Replicate Original																								
WD13-004-431 LABDUP																								
WD13-004-433 Replicate Original	3.52	3.7	< 0.1	0.28	0.020	0.04	< 0.02	0.18	< 0.02	0.03	0.59	33.5	2.3	5.48	0.8	3.37	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-004-433 LABDUP	3.53	3.5	< 0.1	0.28	0.027	0.03	< 0.02	0.19	< 0.02	< 0.02	0.60	33.4	2.3	5.43	0.8	3.43	0.8	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-004-440 Replicate Original																								
WD13-004-440 LABDUP																								
WD13-004-441 Replicate Original																								
WD13-004-441 LABDUP																								
WD13-004-447 Replicate Original	3.21	2.6	< 0.1	0.17	0.016	0.10	< 0.02	0.12	0.02	< 0.02	0.72	29.7	2.5	5.39	0.7	3.26	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-004-447 LABDUP	3.05	2.6	< 0.1	0.16	0.010	0.11	< 0.02	0.10	0.02	< 0.02	0.74	30.7	2.5	5.34	0.7	3.24	0.8	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1
WD13-004-450 Replicate Original																								
WD13-004-450 Split Original	2.86	2.2	< 0.1	0.22	0.016	0.02	< 0.02	0.09	0.04	0.02	0.50	33.9	2.1	4.84	0.7	2.87	0.7	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
WD13-004-450 LABDUP																								
WD13-004-450 LABPREP	2.58	2.2	< 0.1	0.20	0.012	0.02	< 0.02	0.09	0.04	< 0.02	0.52	33.9	2.1	4.64	0.6	2.85	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-004-452 Replicate Original																								
WD13-004-452 LABDUP																								

Activation Laboratories Ltd. Report: A13-02908 rev 1

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44

MICA-FE LABSTD													34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
AN-G LABSTD													46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD													70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD													36.45	2.39			32.53							
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-430 Replicate Original																								
WD13-004-430 LABDUP																								
WD13-004-431 Replicate Original																								
WD13-004-431 LABDUP																								
WD13-004-433 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	1.08	0.3	< 0.1	< 10												
WD13-004-433 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	1.36	0.3	0.1	< 10												
WD13-004-440 Replicate Original													45.60	22.27	6.90	0.088	8.79	12.69	1.29	0.14	0.10	0.01	0.009	2.57
WD13-004-440 LABDUP													45.63	22.22	6.85	0.082	8.70	12.64	1.26	0.12	0.09	0.01	0.010	2.57
WD13-004-441 Replicate Original																								
WD13-004-441 LABDUP																								
WD13-004-447 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.05	14.3	0.3	< 0.1	< 10												
WD13-004-447 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.06	13.8	0.3	< 0.1	< 10												
WD13-004-450 Replicate Original																								
WD13-004-450 Split Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.67	0.2	< 0.1	< 10	51.00	10.05	10.26	0.201	13.84	11.12	1.19	0.43	0.31	0.03	0.043	2.15
WD13-004-450 LABDUP																								
WD13-004-450 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.69	0.3	< 0.1	< 10	49.97	9.90	10.06	0.196	13.46	10.86	1.15	0.43	0.29	0.03	0.039	2.06
WD13-004-452 Replicate Original																								
WD13-004-452 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-04- 02 10:09:44	2013-03- 25 13:45:42	2013-04- 29 15:54:25	2013-04- 29 15:54:25	2013-04- 29 15:54:25

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						1.03			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
Oreas 73a (Fusion) LABSTD		0.20	1.44	0.031	0.091				
CDN-PGMS-22 LABSTD							1300	6450	1360
CDN-PGMS-23 LABSTD							449	2060	436
WD13-004-430 Replicate Original						0.02			
WD13-004-430 LABDUP						0.02			
WD13-004-431 Replicate Original							< 1	2.2	1.3
WD13-004-431 LABDUP							< 1	1.7	1.3
WD13-004-433 Replicate Original									
WD13-004-433 LABDUP									
WD13-004-440 Replicate Original	100.6	0.08	0.064	< 0.004	0.020	0.10			
WD13-004-440 LABDUP	100.3	0.08	0.064	< 0.004	0.019	0.10			
WD13-004-441 Replicate Original							< 1	2.2	1.8
WD13-004-441 LABDUP							< 1	2.2	2.6
WD13-004-447 Replicate Original									
WD13-004-447 LABDUP									
WD13-004-450 Replicate Original							< 0.01		
WD13-004-450 Split Original	100.8	0.11	0.023	0.007	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-004-450 LABDUP						< 0.01			
WD13-004-450 LABPREP	98.60	0.12	0.025	0.009	< 0.004	< 0.01	2	4.7	1.4
WD13-004-452 Replicate Original							< 1	1.6	1.4
WD13-004-452 LABDUP							< 1	1.6	1.2



Date Submitted: 15-Mar-13
Invoice No.: A13-02912
Invoice Date: 09-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

30 Core samples, 4 Pulp samples and 1 Rock sample were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02912**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02912

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM
WD13-004-491	5.4	< 0.1	40	0.010	> 10.0	0.02	0.01	0.03	18.8	< 0.1	2	1.9	454	0.11	0.4	3.1	1.56	47.9	< 0.02	< 0.1	0.5	< 0.1	0.6	133
WD13-004-492	12.2	0.3	4	0.376	1.51	4.99	0.13	0.09	3.13	5.6	54	74.9	499	3.58	15.6	187	91.6	41.3	7.11	< 0.1	3.9	0.4	4.5	68.7
WD13-004-493	16.2	0.4	8	0.200	0.94	2.29	0.19	0.07	1.42	7.4	80	42.6	591	3.67	9.6	34.8	49.9	53.4	6.53	< 0.1	5.7	0.1	6.7	78.5
WD13-004-494	13.1	0.2	9	0.609	2.62	3.73	0.22	< 0.02	3.01	11.6	65	370	478	2.68	19.9	83.0	9.71	24.7	5.82	< 0.1	0.4	< 0.1	9.3	139
WD13-004-495	13.1	0.1	4	0.384	2.38	2.67	0.16	< 0.02	2.82	10.0	58	297	467	2.41	18.8	77.0	6.88	23.4	4.56	< 0.1	0.3	< 0.1	6.9	92.2
WD13-004-496	11.1	0.2	13	0.553	2.62	3.31	0.28	< 0.02	3.05	13.5	80	382	442	2.51	19.4	85.0	12.2	23.3	5.53	< 0.1	0.5	0.1	11.2	126
WD13-004-497	12.1	0.2	11	0.604	2.31	3.39	0.22	< 0.02	3.04	12.2	71	344	394	2.19	16.9	75.5	10.3	21.5	5.55	< 0.1	0.2	< 0.1	8.1	142
WD13-004-498	8.1	0.2	11	0.704	2.10	3.74	0.22	< 0.02	3.33	12.5	72	321	357	2.01	15.3	71.1	10.9	18.5	5.97	< 0.1	0.6	< 0.1	7.5	161
WD13-004-499	9.3	0.2	12	0.668	2.01	3.60	0.21	< 0.02	3.16	11.6	68	306	345	1.92	14.8	68.0	9.94	18.6	5.71	< 0.1	0.4	< 0.1	7.6	147
WD13-004-500	9.2	0.2	13	0.597	2.19	3.47	0.24	< 0.02	3.17	13.0	76	337	375	2.09	16.0	72.6	8.14	19.4	5.66	< 0.1	0.5	0.2	9.3	138
WD13-004-501	11.1	0.2	11	0.606	2.22	3.56	0.23	< 0.02	3.07	11.8	70	319	387	2.17	16.9	75.2	16.0	19.6	5.65	< 0.1	0.3	< 0.1	8.6	133
WD13-004-502	16.9	1.4	9	0.448	2.74	3.17	0.22	0.10	2.84	12.4	72	354	478	2.91	21.6	86.5	9.91	41.9	5.37	0.1	1.1	0.2	9.3	96.5
WD13-004-503	21.9	0.1	4	0.225	2.77	2.39	0.18	0.06	2.63	13.3	76	316	572	3.04	23.0	90.1	4.05	32.0	4.68	< 0.1	< 0.1	< 0.1	8.5	51.0
WD13-004-504	28.9	0.2	2	0.173	2.94	2.30	0.11	< 0.02	2.78	13.2	82	331	564	3.10	23.3	92.9	4.22	70.9	4.99	< 0.1	0.3	< 0.1	5.6	44.0
WD13-004-505	32.1	0.2	5	0.217	3.44	2.32	0.15	0.04	2.66	15.8	103	444	635	3.39	26.9	117	34.9	95.9	5.29	< 0.1	0.1	< 0.1	7.8	58.5
WD13-004-506	34.3	0.2	5	0.254	3.98	2.62	0.13	0.05	3.03	16.0	99	486	718	3.72	27.6	120	20.2	218	5.83	< 0.1	0.4	1.0	4.5	104
WD13-004-507	24.5	0.1	< 1	0.202	3.12	2.16	0.16	0.03	2.46	14.3	85	390	603	3.21	24.2	94.8	3.28	97.4	4.56	< 0.1	0.3	< 0.1	7.7	49.8
WD13-004-508	22.5	0.3	3	0.234	3.28	1.88	0.14	0.04	2.76	17.2	107	445	635	3.21	23.7	101	6.36	85.0	4.68	< 0.1	0.2	< 0.1	6.5	42.5
WD13-004-509	21.7	0.2	4	0.189	2.88	1.91	0.16	0.02	2.50	15.2	100	470	521	3.03	24.3	105	5.08	46.7	4.50	< 0.1	0.1	0.2	7.0	33.4
WD13-004-510	3.3	0.1	2	0.853	2.78	> 10.0	0.05	0.12	6.93	2.7	18	157	382	3.75	29.1	505	195	23.9	10.4	< 0.1	2.4	0.6	1.4	82.8
WD13-004-511	57.9	0.2	10	0.185	5.08	2.78	0.16	< 0.02	2.54	18.5	107	600	795	5.22	40.9	153	10.2	91.4	6.92	< 0.1	0.6	0.2	7.2	34.1
WD13-004-512	31.3	0.2	5	0.181	4.05	2.62	0.11	0.03	2.40	14.5	93	466	691	3.94	30.0	119	4.15	80.7	6.37	< 0.1	0.3	0.2	6.1	38.0
WD13-004-513	22.5	0.2	4	0.216	3.36	1.98	0.10	0.04	2.81	17.8	116	508	614	3.24	25.6	113	2.00	31.3	4.88	< 0.1	0.4	0.2	3.9	58.4
WD13-004-514	29.7	0.2	3	0.179	2.94	2.09	0.09	0.04	2.59	14.4	95	425	562	2.99	23.6	98.6	2.11	32.1	4.83	< 0.1	0.2	< 0.1	3.7	81.8
WD13-004-515	22.8	0.2	6	0.228	2.85	2.26	0.16	0.03	2.81	14.2	85	353	544	2.96	22.5	90.7	5.54	29.5	5.20	< 0.1	0.3	0.1	7.3	64.7
WD13-004-516	21.3	0.2	7	0.300	2.69	2.78	0.17	0.02	3.15	13.0	84	349	497	2.77	20.8	85.6	7.53	26.4	5.77	< 0.1	0.4	0.1	7.2	80.2
WD13-004-517	16.5	0.2	9	0.440	2.64	2.94	0.23	0.03	2.74	12.3	72	317	494	2.73	20.5	79.7	10.6	24.5	5.12	< 0.1	0.4	< 0.1	8.8	88.9
WD13-004-518	10.9	0.2	7	0.477	1.82	2.99	0.25	< 0.02	2.68	9.7	58	255	321	1.89	14.9	63.6	10.9	16.7	4.54	< 0.1	0.1	< 0.1	9.2	111
WD13-004-519	12.0	0.2	10	0.468	2.15	3.03	0.31	< 0.02	2.87	11.8	65	296	383	2.20	17.4	74.0	11.9	19.7	4.46	< 0.1	0.5	< 0.1	12.2	108
WD13-004-520	19.0	0.2	8	0.387	2.28	2.67	0.25	< 0.02	2.51	10.9	63	296	367	2.39	19.3	78.0	13.4	23.6	4.37	< 0.1	0.3	< 0.1	10.5	92.9
WD13-004-521	34.9	0.2	6	0.220	3.22	2.86	0.19	0.04	2.61	12.4	73	352	561	3.13	24.0	91.3	5.30	51.6	5.40	< 0.1	0.3	0.1	8.9	87.4
WD13-004-522	24.7	0.2	9	0.338	3.40	3.00	0.24	< 0.02	3.00	14.2	81	406	587	3.51	27.4	106	12.9	36.6	5.54	< 0.1	0.4	0.2	11.7	103
WD13-004-523	25.6	0.2	10	0.357	3.83	3.08	0.25	< 0.02	2.91	15.2	89	475	621	3.80	29.5	119	10.6	36.9	6.08	< 0.1	0.4	0.1	12.6	80.5
WD13-004-524	24.4	0.1	6	0.264	3.36	2.45	0.17	0.02	2.46	13.2	79	389	624	3.42	25.4	98.1	5.81	32.9	5.13	< 0.1	0.3	< 0.1	7.9	70.1
WD13-004-525	3.4	0.1	1	0.840	2.79	> 10.0	0.05	0.13	7.08	2.7	19	159	389	3.84	29.5	514	197	24.3	10.5	< 0.1	2.8	0.7	1.5	83.5

Activation Laboratories Ltd. Report: A13-02912

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	
WD13-004-491	0.30	0.2	< 0.1	0.17	0.017	0.19	< 0.02	< 0.05	0.06	< 0.02	0.31	51.2	0.6	0.71	< 0.1	0.28	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-492	6.76	5.2	< 0.1	8.56	0.116	0.10	0.03	1.74	0.75	0.16	0.36	85.9	5.4	14.3	1.5	6.45	1.5	0.4	1.5	0.3	1.6	0.3	0.9	0.1	
WD13-004-493	10.3	7.7	0.2	7.97	0.110	0.11	0.03	1.44	0.57	0.03	0.45	130	7.6	16.4	2.3	9.84	2.2	0.6	2.2	0.4	2.3	0.5	1.4	0.2	
WD13-004-494	1.98	1.7	< 0.1	0.33	0.012	0.02	< 0.02	0.11	0.02	< 0.02	1.71	56.0	1.4	2.85	0.4	1.75	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-495	1.77	1.8	< 0.1	0.18	0.010	0.08	< 0.02	0.08	< 0.02	< 0.02	0.87	37.8	1.2	2.38	0.3	1.44	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-496	2.55	2.8	< 0.1	0.29	0.020	0.16	< 0.02	0.18	0.03	< 0.02	1.18	71.8	1.5	3.26	0.4	2.05	0.5	0.2	0.5	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-497	2.23	2.0	< 0.1	0.18	0.010	0.07	< 0.02	0.09	0.03	0.02	0.91	56.5	1.4	2.87	0.4	1.80	0.4	0.2	0.4	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-498	2.52	2.3	< 0.1	0.20	0.018	0.10	< 0.02	0.20	0.02	< 0.02	0.64	56.7	1.6	3.34	0.5	2.11	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-499	2.34	2.3	< 0.1	0.17	0.020	0.08	< 0.02	0.08	0.02	< 0.02	0.70	55.7	1.6	3.25	0.4	2.01	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-500	2.69	3.0	< 0.1	0.18	0.030	0.06	< 0.02	0.18	0.03	0.02	0.78	57.6	1.7	3.46	0.5	2.15	0.5	0.2	0.5	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-501	2.42	2.0	< 0.1	0.16	0.026	0.06	< 0.02	0.08	< 0.02	< 0.02	0.80	63.9	1.5	3.29	0.4	2.05	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-502	2.41	2.1	< 0.1	0.32	0.106	0.26	0.03	0.21	0.10	< 0.02	1.47	56.9	1.5	3.09	0.4	2.11	0.6	0.3	0.6	0.1	0.6	0.1	0.4	< 0.1	
WD13-004-503	2.85	2.4	< 0.1	0.27	0.020	0.03	< 0.02	0.10	< 0.02	0.03	0.70	39.8	1.7	3.80	0.5	2.45	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-504	2.95	2.4	< 0.1	0.14	0.033	0.05	< 0.02	0.12	< 0.02	< 0.02	0.47	18.1	1.9	4.25	0.6	2.61	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-505	3.48	3.2	< 0.1	0.17	0.211	0.04	< 0.02	0.14	0.03	0.03	0.48	20.4	1.8	4.15	0.6	2.78	0.7	0.2	0.7	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-506	3.49	3.6	< 0.1	0.10	36.6	0.19	0.03	0.25	< 0.02	0.04	0.40	29.7	1.9	4.55	0.7	3.40	0.9	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-507	3.27	3.1	< 0.1	0.11	0.210	0.04	< 0.02	0.12	< 0.02	< 0.02	0.32	16.2	1.7	3.94	0.6	2.85	0.7	0.2	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-508	4.36	5.5	< 0.1	0.09	0.074	0.04	< 0.02	0.35	< 0.02	< 0.02	0.27	14.4	2.1	5.06	0.8	3.60	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	
WD13-004-509	4.07	4.8	< 0.1	0.19	0.122	0.04	< 0.02	0.17	< 0.02	< 0.02	0.73	28.8	2.0	4.79	0.7	3.43	0.9	0.3	0.9	0.2	1.0	0.2	0.6	< 0.1	
WD13-004-510	0.84	0.7	< 0.1	8.16	0.200	0.06	< 0.02	1.73	0.95	0.55	0.15	20.3	1.6	6.90	0.3	1.00	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-004-511	3.10	3.2	< 0.1	0.16	0.097	0.06	0.02	0.14	0.04	< 0.02	1.23	42.1	1.9	3.83	0.5	2.45	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-512	3.21	3.1	< 0.1	0.13	0.070	0.04	< 0.02	0.12	0.02	< 0.02	0.81	18.0	1.6	3.66	0.5	2.54	0.7	0.2	0.7	0.1	0.7	0.2	0.5	< 0.1	
WD13-004-513	4.11	4.4	< 0.1	0.16	0.015	0.03	< 0.02	0.20	< 0.02	< 0.02	0.22	9.8	1.7	4.26	0.7	3.23	0.8	0.3	0.9	0.1	0.9	0.2	0.6	< 0.1	
WD13-004-514	3.33	3.8	< 0.1	0.14	0.023	0.02	< 0.02	0.20	< 0.02	0.02	0.23	8.4	1.6	3.62	0.5	2.50	0.6	0.2	0.7	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-515	3.43	2.9	< 0.1	0.13	0.034	0.06	< 0.02	0.19	< 0.02	< 0.02	0.47	32.5	1.9	4.48	0.6	2.91	0.7	0.2	0.7	0.1	0.8	0.2	0.5	< 0.1	
WD13-004-516	3.24	2.9	< 0.1	0.17	0.045	0.25	< 0.02	0.17	0.02	< 0.02	0.59	40.9	2.1	4.67	0.6	2.88	0.7	0.3	0.7	0.1	0.7	0.2	0.5	< 0.1	
WD13-004-517	2.64	2.5	< 0.1	0.14	0.028	0.23	< 0.02	0.14	0.03	0.02	1.09	68.2	2.0	4.17	0.6	2.57	0.6	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-518	1.94	2.1	< 0.1	0.15	0.019	0.02	< 0.02	0.08	< 0.02	< 0.02	1.04	74.7	1.8	3.52	0.5	2.00	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-519	2.21	2.7	< 0.1	0.19	0.035	0.03	< 0.02	0.14	0.03	< 0.02	1.19	91.6	1.9	3.77	0.5	2.14	0.5	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-004-520	1.93	2.4	< 0.1	0.18	0.086	0.09	< 0.02	0.08	0.03	< 0.02	1.41	76.8	1.8	3.46	0.4	1.91	0.4	0.2	0.4	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-521	2.82	1.2	< 0.1	0.11	0.085	0.08	< 0.02	0.12	< 0.02	0.02	0.92	72.7	2.1	4.50	0.6	2.60	0.6	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-522	2.62	2.8	< 0.1	0.17	0.105	0.07	< 0.02	0.09	0.03	< 0.02	2.03	72.0	2.4	4.65	0.6	2.53	0.6	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-523	2.63	2.2	< 0.1	0.17	0.030	0.04	< 0.02	0.09	0.03	< 0.02	2.35	66.5	1.9	3.97	0.5	2.36	0.6	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-524	2.72	2.3	< 0.1	0.17	0.016	0.04	< 0.02	0.11	< 0.02	< 0.02	1.27	37.8	2.0	4.47	0.6	2.78	0.7	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-525	0.84	0.7	< 0.1	8.26	0.279	0.06	< 0.02	1.79	0.93	0.58	0.15	21.1	1.7	7.08	0.3	1.11	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	

Activation Laboratories Ltd. Report: A13-02912

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	
WD13-004-491	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	3.67	< 0.1	0.4	< 10	8.13	0.14	0.10	0.059	21.99	28.50	< 0.01	0.02	0.02	0.02	< 0.003	40.47
WD13-004-492	0.7	< 0.1	0.2	< 0.05	0.2	0.002	232	0.06	4.10	1.0	0.3	< 10	60.68	16.53	6.43	0.101	4.68	6.70	2.49	0.75	0.45	0.10	0.013	1.78
WD13-004-493	1.1	0.1	0.3	0.22	0.4	0.003	< 5	0.08	3.27	1.5	0.4	< 10	66.58	13.72	6.23	0.110	2.48	4.17	3.21	1.13	0.60	0.14	0.014	1.32
WD13-004-494	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.93	0.1	< 0.1	< 10	51.22	10.45	10.74	0.198	14.58	9.95	1.22	0.63	0.27	0.02	0.036	1.27
WD13-004-495	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.75	0.1	< 0.1	< 10	50.57	9.80	10.52	0.215	14.51	10.61	1.20	0.56	0.26	0.02	0.035	2.26
WD13-004-496	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.12	1.20	0.2	< 0.1	< 10	51.25	9.56	11.01	0.212	14.91	10.35	1.10	0.64	0.30	0.02	0.052	1.14
WD13-004-497	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	0.88	0.1	< 0.1	< 10	51.11	9.98	10.95	0.205	14.82	10.08	1.17	0.61	0.28	0.02	0.045	0.87
WD13-004-498	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.55	0.1	< 0.1	< 10	51.24	10.12	10.71	0.202	14.46	10.86	1.18	0.49	0.31	0.02	0.038	0.54
WD13-004-499	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.08	1.96	0.1	< 0.1	< 10	51.15	10.31	10.62	0.205	14.37	10.84	1.24	0.55	0.30	0.02	0.035	0.60
WD13-004-500	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.08	2.15	0.3	< 0.1	< 10	51.11	9.95	10.61	0.201	14.41	11.05	1.12	0.58	0.32	0.02	0.037	0.71
WD13-004-501	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.49	0.1	< 0.1	< 10	51.36	10.23	10.48	0.199	14.33	10.92	1.21	0.61	0.31	0.02	0.047	0.84
WD13-004-502	0.4	< 0.1	0.1	0.09	0.1	0.003	9	0.14	11.8	0.2	< 0.1	< 10	50.04	9.99	10.54	0.198	14.15	10.80	1.16	0.67	0.30	0.02	0.055	1.62
WD13-004-503	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.05	6.20	0.2	< 0.1	< 10	50.73	9.92	10.23	0.203	14.09	10.72	1.35	0.56	0.30	0.02	0.053	2.34
WD13-004-504	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.03	12.8	0.2	< 0.1	< 10	50.14	8.94	10.43	0.204	14.38	10.72	1.32	0.34	0.29	0.03	0.031	2.66
WD13-004-505	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	11	0.04	20.2	0.3	< 0.1	< 10	49.98	9.60	10.51	0.208	14.91	10.54	1.37	0.47	0.28	0.02	0.054	2.62
WD13-004-506	0.4	< 0.1	0.1	0.12	0.1	< 0.001	< 5	0.03	63.2	0.3	0.1	< 10	49.18	8.97	10.76	0.211	15.53	10.90	1.09	0.40	0.33	0.02	0.040	3.19
WD13-004-507	0.4	< 0.1	< 0.1	0.08	< 0.1	< 0.001	< 5	0.05	16.1	0.3	< 0.1	< 10	49.23	9.15	10.61	0.212	15.12	10.74	1.23	0.49	0.30	0.02	0.034	2.49
WD13-004-508	0.5	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.05	22.4	0.5	0.1	< 10	51.48	8.30	10.40	0.210	14.90	10.73	1.52	0.38	0.38	0.04	0.049	2.18
WD13-004-509	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.07	28.5	0.5	0.1	< 10	50.05	8.34	10.47	0.201	15.11	11.08	1.13	0.55	0.44	0.03	0.060	2.30
WD13-004-510	0.1	< 0.1	< 0.1	< 0.05	0.2	0.004	1420	0.03	5.82	0.2	0.1	40	45.48	22.28	6.83	0.086	8.74	12.63	1.23	0.13	0.11	0.01	0.009	2.46
WD13-004-511	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	61.0	0.2	< 0.1	< 10	47.58	9.97	10.82	0.179	14.62	10.58	1.43	0.69	0.32	0.02	0.040	3.77
WD13-004-512	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.04	18.5	0.2	< 0.1	< 10	49.01	9.51	10.64	0.200	14.85	10.58	1.34	0.45	0.32	0.02	0.046	2.94
WD13-004-513	0.5	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.02	6.23	0.4	< 0.1	< 10	50.05	7.78	10.78	0.214	15.85	11.56	0.97	0.29	0.39	0.02	0.044	2.20
WD13-004-514	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	5.66	0.4	< 0.1	< 10	50.14	8.78	10.64	0.208	14.91	11.30	1.12	0.29	0.32	0.01	0.037	2.28
WD13-004-515	0.4	< 0.1	< 0.1	0.54	0.1	< 0.001	< 5	0.05	4.04	0.3	< 0.1	< 10	50.39	9.85	10.18	0.201	13.97	10.90	1.44	0.50	0.31	0.03	0.050	2.15
WD13-004-516	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.09	1.67	0.3	< 0.1	< 10	50.39	9.54	10.19	0.196	13.85	11.46	1.22	0.50	0.32	0.03	0.041	2.04
WD13-004-517	0.4	< 0.1	< 0.1	0.07	< 0.1	0.001	< 5	0.12	1.58	0.3	< 0.1	< 10	50.74	10.01	10.30	0.202	14.11	10.61	1.21	0.65	0.30	0.03	0.051	1.70
WD13-004-518	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.11	0.92	0.3	< 0.1	< 10	51.49	10.16	10.43	0.201	14.29	10.90	1.13	0.68	0.30	0.03	0.052	0.95
WD13-004-519	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	1.04	0.3	< 0.1	< 10	51.49	9.96	10.48	0.202	14.29	10.81	1.15	0.76	0.34	0.03	0.035	1.05
WD13-004-520	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	3.12	0.3	< 0.1	< 10	50.90	10.59	10.21	0.187	14.10	10.51	1.26	0.90	0.31	0.02	0.043	1.62
WD13-004-521	0.3	< 0.1	< 0.1	0.05	0.1	< 0.001	< 5	0.05	23.7	0.3	< 0.1	< 10	50.15	10.06	10.02	0.198	14.52	10.37	1.07	0.71	0.28	0.03	0.035	3.20
WD13-004-522	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	29.5	0.3	< 0.1	< 10	49.67	9.96	10.09	0.195	14.15	10.85	1.08	0.92	0.31	0.02	0.039	2.88
WD13-004-523	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	8.42	0.2	< 0.1	< 10	49.62	9.91	10.31	0.191	14.35	10.80	1.16	0.77	0.30	0.02	0.026	2.38
WD13-004-524	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	8.23	0.3	< 0.1	< 10	50.19	9.47	10.37	0.201	14.46	10.70	1.24	0.65	0.31	0.03	0.041	2.43
WD13-004-525	0.1	< 0.1	< 0.1	< 0.05	0.2	0.004	1690	0.03	6.30	0.2	< 0.1	50	45.16	22.57	6.82	0.088	8.78	12.55	1.24	0.12	0.10	0.02	0.009	2.37

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 8:58AM	Mar 25 2013 1:45PM	Apr 8 2013 11:52AM	Apr 8 2013 11:52AM	Apr 8 2013 11:52AM
WD13-004-491	99.45	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	0.1
WD13-004-492	100.8	0.03	0.024	< 0.004	0.009	0.05	515	1850	455
WD13-004-493	99.72	< 0.01	0.003	< 0.004	< 0.004	0.04	4	0.9	0.8
WD13-004-494	100.7	0.12	0.023	0.006	< 0.004	< 0.01	< 1	3.1	2.3
WD13-004-495	100.7	0.12	0.024	0.004	< 0.004	< 0.01	< 1	5.7	5.2
WD13-004-496	100.7	0.12	0.025	0.006	< 0.004	< 0.01	< 1	2.2	1.6
WD13-004-497	100.3	0.12	0.024	0.006	< 0.004	< 0.01	< 1	2.4	1.9
WD13-004-498	100.3	0.12	0.022	< 0.004	< 0.004	< 0.01	< 1	2.5	1.5
WD13-004-499	100.4	0.12	0.022	0.008	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-500	100.3	0.12	0.021	0.005	< 0.004	< 0.01	< 1	2.9	1.1
WD13-004-501	100.7	0.12	0.027	0.005	< 0.004	< 0.01	< 1	2.9	1.8
WD13-004-502	99.73	0.14	0.039	0.008	< 0.004	< 0.01	< 1	2.8	1.9
WD13-004-503	100.7	0.12	0.026	0.007	< 0.004	< 0.01	< 1	3.0	1.8
WD13-004-504	99.65	0.12	0.030	0.004	< 0.004	< 0.01	< 1	2.1	1.4
WD13-004-505	100.8	0.16	0.073	0.007	< 0.004	< 0.01	< 1	47.5	6.0
WD13-004-506	100.8	0.14	0.033	0.005	< 0.004	0.02	< 1	10.1	9.0
WD13-004-507	99.78	0.12	0.028	0.006	< 0.004	< 0.01	< 1	2.4	1.5
WD13-004-508	100.7	0.12	0.021	0.006	< 0.004	< 0.01	< 1	1.3	1.3
WD13-004-509	99.93	0.15	0.024	< 0.004	< 0.004	< 0.01	< 1	2.6	1.9
WD13-004-510	100.2	0.08	0.065	< 0.004	0.019	0.10	1260	5830	1400
WD13-004-511	100.2	0.13	0.023	< 0.004	< 0.004	0.02	< 1	1.8	1.0
WD13-004-512	100.1	0.12	0.024	0.007	< 0.004	< 0.01	1	2.7	1.4
WD13-004-513	100.3	0.14	0.028	0.005	< 0.004	< 0.01	< 1	1.9	1.4
WD13-004-514	100.2	0.14	0.040	0.007	< 0.004	< 0.01	< 1	2.4	1.3
WD13-004-515	100.1	0.12	0.020	0.007	< 0.004	< 0.01	2	9.2	2.7
WD13-004-516	99.92	0.12	0.018	0.006	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-517	100.1	0.12	0.035	0.004	< 0.004	0.01	< 1	2.2	1.4
WD13-004-518	100.8	0.14	0.035	0.006	< 0.004	0.04	< 1	2.0	1.4
WD13-004-519	100.8	0.12	0.024	0.007	< 0.004	0.02	< 1	2.4	1.5
WD13-004-520	100.8	0.12	0.024	0.009	< 0.004	0.02	< 1	2.3	1.8
WD13-004-521	100.8	0.12	0.026	0.005	< 0.004	< 0.01	< 1	2.5	1.4
WD13-004-522	100.3	0.12	0.024	0.007	< 0.004	0.01	< 1	2.4	2.0
WD13-004-523	99.99	0.13	0.024	0.005	< 0.004	0.01	< 1	2.0	1.5
WD13-004-524	100.2	0.12	0.020	0.007	< 0.004	< 0.01	< 1	1.9	1.8
WD13-004-525	99.98	0.08	0.064	< 0.004	0.018	0.10	1110	5670	1280

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD																								
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Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-494 Replicate Original	13.4	0.2	11	0.637	2.69	3.81	0.22	< 0.02	3.08	12.0	68	384	490	2.73	20.1	83.9	9.75	26.1	6.10	< 0.1	0.4	0.1	9.5	147
WD13-004-494 LABDUP	12.8	0.2	7	0.580	2.54	3.65	0.22	< 0.02	2.94	11.2	62	355	465	2.64	19.7	82.1	9.67	23.3	5.54	< 0.1	0.4	< 0.1	9.0	131
WD13-004-501 Replicate Original																								
WD13-004-501 LABDUP																								
WD13-004-504 Replicate Original																								
WD13-004-504 LABDUP																								
WD13-004-508 Replicate Original	22.6	0.2	4	0.235	3.30	1.88	0.14	0.05	2.77	17.3	109	450	637	3.20	23.9	101	6.32	85.5	4.71	< 0.1	0.2	< 0.1	6.6	42.6
WD13-004-508 LABDUP	22.3	0.3	3	0.232	3.26	1.87	0.14	0.04	2.75	17.1	105	441	632	3.22	23.5	101	6.40	84.6	4.64	< 0.1	0.1	0.1	6.5	42.5
WD13-004-510 Replicate Original																								
WD13-004-510 LABDUP																								
WD13-004-511 Replicate Original																								
WD13-004-511 LABDUP																								
WD13-004-514 Replicate Original																								
WD13-004-514 LABDUP																								
WD13-004-520 Split Original	19.0	0.2	8	0.387	2.28	2.67	0.25	< 0.02	2.51	10.9	63	296	367	2.39	19.3	78.0	13.4	23.6	4.37	< 0.1	0.3	< 0.1	10.5	92.9
WD13-004-520 LABPREP	19.0	0.2	9	0.397	2.34	2.76	0.26	< 0.02	2.60	11.3	66	314	384	2.52	20.2	82.1	13.3	24.7	4.73	< 0.1	0.4	0.2	11.0	97.0
WD13-004-522 Replicate Original																								
WD13-004-522 LABDUP																								
WD13-004-524 Replicate Original																								
WD13-004-524 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-494	2.08	1.5	< 0.1	0.35	0.012	0.02	< 0.02	0.12	0.02	0.03	1.72	56.7	1.4	2.93	0.4	1.75	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1
Replicate Original																								
WD13-004-494 LABDUP	1.88	1.9	< 0.1	0.31	0.011	0.03	< 0.02	0.10	0.02	< 0.02	1.70	55.4	1.4	2.78	0.4	1.74	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1
Replicate Original																								
WD13-004-501																								
Replicate Original																								
WD13-004-501 LABDUP																								
Replicate Original																								
WD13-004-504																								
Replicate Original																								
WD13-004-504 LABDUP																								
Replicate Original	4.40	5.6	< 0.1	0.09	0.083	0.04	0.02	0.37	< 0.02	0.03	0.26	14.3	2.1	5.10	0.8	3.63	1.0	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1
WD13-004-508																								
Replicate Original	4.32	5.3	< 0.1	0.09	0.065	0.04	< 0.02	0.34	< 0.02	< 0.02	0.27	14.4	2.1	5.02	0.7	3.57	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1
WD13-004-510																								
Replicate Original																								
WD13-004-510 LABDUP																								
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WD13-004-511																								
Replicate Original																								
WD13-004-511 LABDUP																								
Replicate Original																								
WD13-004-514																								
Replicate Original																								
WD13-004-514 LABDUP																								
Replicate Original	1.93	2.4	< 0.1	0.18	0.086	0.09	< 0.02	0.08	0.03	< 0.02	1.41	76.8	1.8	3.46	0.4	1.91	0.4	0.2	0.4	< 0.1	0.5	0.1	0.3	< 0.1
WD13-004-520 Split																								
Original	1.99	2.5	< 0.1	0.20	0.071	0.07	< 0.02	0.09	0.02	< 0.02	1.43	77.5	1.8	3.47	0.4	1.89	0.4	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1
WD13-004-520 LABPREP																								
Replicate Original																								
WD13-004-522																								
Replicate Original																								
WD13-004-522 LABDUP																								
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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16	2013-03- 25 08:58:16
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06		0.14			
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD														32.55	2.18				27.89					
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-494 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.94	0.1	< 0.1	< 10												
WD13-004-494 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	0.92	0.1	< 0.1	< 10												
WD13-004-501 Replicate Original																								
WD13-004-501 LABDUP																								
WD13-004-504 Replicate Original																								
WD13-004-504 LABDUP																								
WD13-004-508 Replicate Original	0.5	< 0.1	0.2	< 0.05	0.1	0.001	< 5	0.05	22.5	0.6	0.1	< 10												
WD13-004-508 LABDUP	0.5	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.05	22.3	0.5	0.1	< 10												
WD13-004-510 Replicate Original													45.62	22.33	6.83	0.086	8.75	12.64	1.21	0.12	0.10	0.01	0.010	2.46
WD13-004-510 LABDUP													45.34	22.24	6.83	0.086	8.73	12.61	1.25	0.13	0.11	0.02	0.009	2.46
WD13-004-511 Replicate Original																								
WD13-004-511 LABDUP																								
WD13-004-514 Replicate Original																								
WD13-004-514 LABDUP																								
WD13-004-520 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.14	3.12	0.3	< 0.1	< 10	50.90	10.59	10.21	0.187	14.10	10.51	1.26	0.90	0.31	0.02	0.043	1.62
WD13-004-520 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	3.09	0.2	< 0.1	< 10	50.66	10.42	10.25	0.191	14.01	10.52	1.17	0.88	0.31	0.03	0.043	1.52
WD13-004-522 Replicate Original																								
WD13-004-522 LABDUP																								
WD13-004-524 Replicate Original																								
WD13-004-524 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03-25 08:58:16	2013-03-25 08:58:16	2013-03-25 08:58:16	2013-03-25 08:58:16	2013-03-25 08:58:16	2013-03-25 13:45:42	2013-04-08 11:52:13	2013-04-08 11:52:13	2013-04-08 11:52:13

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						1.03			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1310	5750	1420
CDN-PGMS-22 LABSTD							1180	5710	1340
CDN-PGMS-23 LABSTD							488	1920	444
CDN-PGMS-23 LABSTD							472	1900	455
WD13-004-494 Replicate Original						< 0.01			
WD13-004-494 LABDUP						< 0.01			
WD13-004-501 Replicate Original							1	3.0	1.9
WD13-004-501 LABDUP							< 1	2.9	1.8
WD13-004-504 Replicate Original						< 0.01			
WD13-004-504 LABDUP						< 0.01			
WD13-004-508 Replicate Original									
WD13-004-508 LABDUP									
WD13-004-510 Replicate Original	100.3	0.08	0.066	< 0.004	0.019				
WD13-004-510 LABDUP	99.99	0.08	0.065	< 0.004	0.018				
WD13-004-511 Replicate Original							< 1	1.4	0.8
WD13-004-511 LABDUP							< 1	2.2	1.2
WD13-004-514 Replicate Original						< 0.01			
WD13-004-514 LABDUP						< 0.01			
WD13-004-520 Split Original	100.8	0.12	0.024	0.009	< 0.004	0.02	< 1	2.3	1.8
WD13-004-520 LABPREP	100.2	0.12	0.021	0.008	< 0.004	0.03	1	2.6	2.1
WD13-004-522 Replicate Original							< 1	2.3	1.8
WD13-004-522 LABDUP							< 1	2.4	2.2
WD13-004-524 Replicate Original						< 0.01			
WD13-004-524 LABDUP						< 0.01			



Date Submitted: 15-Mar-13
Invoice No.: A13-02913
Invoice Date: 04-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

30 Core samples, 4 Pulp samples and 1 Rock sample were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02913**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02913

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	
WD13-004-456	6.2	< 0.1	33	0.015	> 10.0	0.02	0.01	0.02	19.1	< 0.1	3	3.4	458	0.08	0.4	3.1	1.78	25.2	< 0.02	< 0.1	0.6	0.1	0.9	155		
WD13-004-457	11.4	0.3	4	0.383	1.54	5.08	0.13	0.12	3.12	5.7	55	80.5	541	3.81	16.1	186	91.9	43.1	7.64	< 0.1	4.5	0.4	4.4	67.2		
WD13-004-458	14.1	0.4	5	0.188	0.91	2.27	0.19	0.09	1.36	7.0	77	42.7	620	3.84	9.5	33.4	46.9	52.8	6.37	< 0.1	4.9	0.3	6.2	72.5		
WD13-004-459	4.4	0.1	4	0.692	1.39	3.68	0.15	< 0.02	2.94	8.8	54	230	252	1.53	11.6	53.0	11.3	12.6	5.48	< 0.1	0.4	< 0.1	5.1	157		
WD13-004-460	11.3	0.1	8	0.466	2.68	3.40	0.14	< 0.02	2.78	10.9	67	340	542	3.09	22.9	89.8	11.4	27.9	5.85	< 0.1	0.5	< 0.1	5.4	105		
WD13-004-461	11.2	0.1	14	0.349	2.18	2.62	0.13	0.02	2.42	9.7	56	278	431	2.56	21.2	90.2	21.1	22.4	4.60	< 0.1	0.5	< 0.1	5.2	81.4		
WD13-004-462	11.2	0.1	63	0.472	2.51	3.32	0.15	< 0.02	2.81	10.4	63	310	500	2.84	20.7	84.0	9.36	25.5	5.55	< 0.1	0.4	< 0.1	5.7	115		
WD13-004-463	8.4	0.2	9	0.606	1.74	3.40	0.15	< 0.02	2.77	9.1	56	250	335	1.91	14.4	63.4	10.2	18.0	5.30	< 0.1	0.4	< 0.1	5.8	147		
WD13-004-464	19.5	0.1	15	0.460	3.21	3.37	0.16	< 0.02	2.70	12.2	74	391	594	3.41	24.9	98.1	9.69	116	6.33	< 0.1	0.4	< 0.1	6.7	109		
WD13-004-465	26.0	0.2	9	0.446	3.66	3.42	0.17	0.03	2.91	15.2	88	475	665	3.99	31.3	119	11.2	132	6.66	< 0.1	0.5	< 0.1	6.5	102		
WD13-004-466	13.4	0.1	3	0.193	2.44	1.93	0.12	0.03	3.06	10.2	58	289	621	2.63	21.1	87.2	7.15	59.5	4.04	< 0.1	< 0.1	< 0.1	5.3	43.5		
WD13-004-467	18.7	0.1	7	0.238	2.50	2.31	0.14	0.05	2.69	11.5	69	292	558	2.74	20.9	83.1	3.53	49.7	4.88	< 0.1	0.4	< 0.1	6.2	71.9		
WD13-004-468	17.5	0.1	7	0.278	2.50	2.50	0.11	0.04	2.33	11.0	64	278	539	2.70	19.8	77.7	5.51	41.2	5.19	< 0.1	0.4	< 0.1	4.7	70.5		
WD13-004-469	20.9	0.1	10	0.307	2.78	2.75	0.14	0.06	2.59	12.7	74	316	587	2.95	22.4	89.2	10.3	66.5	5.69	< 0.1	0.4	< 0.1	6.3	80.0		
WD13-004-470	19.2	0.2	11	0.372	2.53	2.92	0.13	0.05	2.55	11.8	69	290	529	2.82	21.5	86.0	8.81	40.2	5.66	< 0.1	0.3	< 0.1	4.9	87.9		
WD13-004-471	43.2	0.2	6	0.183	3.66	2.88	0.11	0.02	1.80	8.9	69	327	615	3.84	31.0	123	2.65	65.3	6.85	< 0.1	0.2	< 0.1	4.9	42.4		
WD13-004-472	17.4	0.4	6	0.281	2.21	2.02	0.16	0.09	2.24	10.6	91	195	572	3.30	19.6	55.2	28.2	136	7.39	< 0.1	0.4	< 0.1	5.0	51.9		
WD13-004-473	12.3	0.2	6	0.409	2.56	2.81	0.16	0.02	2.77	12.9	80	335	528	2.97	21.1	79.5	13.0	29.1	5.72	< 0.1	0.4	< 0.1	6.5	90.3		
WD13-004-474	14.3	0.1	6	0.444	2.56	3.04	0.17	< 0.02	2.91	12.8	70	359	480	2.86	21.2	86.7	11.9	26.7	5.23	< 0.1	0.4	< 0.1	6.6	110		
WD13-004-475	3.1	< 0.1	2	0.828	2.64	> 10.0	0.05	0.10	7.02	2.7	20	158	368	3.69	28.7	517	202	24.3	10.5	< 0.1	2.6	0.7	1.4	86.6		
WD13-004-476	14.3	0.2	8	0.335	2.79	2.83	0.16	0.03	3.18	14.6	86	399	531	2.96	23.0	94.4	11.5	29.9	5.66	< 0.1	0.4	< 0.1	5.6	91.7		
WD13-004-477	7.8	0.1	5	0.611	2.03	3.43	0.14	< 0.02	2.92	10.8	63	298	381	2.24	16.4	68.2	9.06	20.0	5.66	< 0.1	0.5	< 0.1	4.7	170		
WD13-004-478	14.5	0.1	4	0.553	2.46	3.38	0.18	< 0.02	3.15	12.4	67	339	489	2.80	20.3	83.4	11.3	25.5	5.64	< 0.1	0.5	< 0.1	6.6	141		
WD13-004-479	7.5	0.1	6	0.614	1.92	3.50	0.17	< 0.02	3.04	10.4	62	293	368	2.09	15.4	66.6	9.89	18.6	5.66	< 0.1	0.4	< 0.1	6.2	139		
WD13-004-480	5.2	0.2	5	0.688	1.66	3.63	0.15	< 0.02	3.08	10.3	61	271	311	1.77	13.2	59.2	10.4	15.2	5.73	< 0.1	0.6	< 0.1	4.7	153		
WD13-004-481	10.3	0.1	7	0.490	2.09	3.06	0.16	< 0.02	2.81	10.8	62	305	409	2.26	16.9	69.9	9.03	20.7	5.18	< 0.1	0.4	< 0.1	6.2	112		
WD13-004-482	8.8	0.2	7	0.599	1.84	3.38	0.17	< 0.02	2.75	9.5	53	280	360	1.95	14.7	62.8	8.99	17.9	5.25	< 0.1	0.3	< 0.1	6.2	135		
WD13-004-483	11.1	0.2	6	0.491	2.06	3.08	0.18	< 0.02	2.55	9.7	55	306	399	2.32	17.4	71.2	8.48	21.3	5.01	< 0.1	0.3	< 0.1	6.9	116		
WD13-004-484	12.4	0.1	5	0.480	2.24	3.05	0.17	< 0.02	2.99	10.5	58	309	453	2.50	18.9	76.0	9.12	22.5	5.07	< 0.1	0.3	< 0.1	6.0	125		
WD13-004-485	14.3	0.1	7	0.445	2.34	2.97	0.17	< 0.02	2.69	10.6	61	334	454	2.57	19.0	78.5	8.42	25.4	5.22	< 0.1	0.3	< 0.1	7.1	120		
WD13-004-486	25.1	0.1	11	0.435	3.66	3.35	0.20	< 0.02	2.83	14.1	81	491	657	3.83	29.8	116	10.5	44.6	6.39	< 0.1	0.4	< 0.1	8.2	158		
WD13-004-487	17.6	0.1	9	0.474	3.05	3.44	0.19	< 0.02	2.64	11.4	65	396	579	3.39	24.2	95.9	8.34	30.8	5.84	< 0.1	0.4	< 0.1	8.2	139		
WD13-004-488	13.4	0.1	15	0.502	2.18	3.05	0.19	< 0.02	2.66	10.2	58	314	398	2.33	17.9	75.9	8.75	23.3	5.22	< 0.1	0.5	< 0.1	7.2	129		
WD13-004-489	11.3	0.2	29	0.555	2.22	3.33	0.21	< 0.02	2.86	10.8	66	344	437	2.33	17.5	74.9	10.8	24.7	5.76	< 0.1	0.4	0.1	8.7	134		
WD13-004-490	3.0	< 0.1	3	0.844	2.72	> 10.0	0.05	0.12	7.03	2.8	19	166	390	3.81	29.2	513	200	24.1	10.7	< 0.1	2.5	0.6	1.4	82.2		

Activation Laboratories Ltd. Report: A13-02913

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Pm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	
WD13-004-456	0.32	0.3	< 0.1	0.05	0.022	0.11	< 0.02	< 0.05	0.07	< 0.02	0.28	58.5	< 0.5	0.62	< 0.1	0.29	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-004-457	6.91	5.9	< 0.1	9.29	0.140	0.11	0.02	1.91	0.78	0.21	0.39	92.8	5.8	15.1	1.6	7.09	1.6	0.5	1.7	0.3	1.8	0.3	0.9	0.1		
WD13-004-458	9.79	7.5	0.2	8.33	0.103	0.12	0.03	1.44	0.58	0.04	0.46	134	7.5	16.1	2.2	9.93	2.3	0.6	2.3	0.4	2.3	0.5	1.3	0.2		
WD13-004-459	1.83	2.0	< 0.1	0.22	0.022	0.01	< 0.02	0.14	< 0.02	0.03	0.44	58.4	1.5	2.97	0.4	1.76	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-460	2.15	1.9	< 0.1	0.16	0.016	0.02	< 0.02	0.18	0.03	< 0.02	0.97	48.1	1.6	3.37	0.4	2.02	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1		
WD13-004-461	2.20	1.9	< 0.1	0.14	0.014	0.03	< 0.02	0.10	0.02	< 0.02	0.59	47.4	1.9	4.01	0.5	2.32	0.5	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1		
WD13-004-462	1.88	1.6	< 0.1	0.13	0.003	0.02	< 0.02	0.15	0.02	< 0.02	0.98	47.0	1.5	2.87	0.4	1.66	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-463	1.81	2.0	< 0.1	0.15	0.017	0.03	< 0.02	0.11	< 0.02	< 0.02	0.97	50.3	1.5	2.88	0.4	1.64	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-464	2.14	2.2	< 0.1	0.15	0.059	0.07	< 0.02	0.11	0.02	< 0.02	1.54	45.4	1.5	3.06	0.4	1.83	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1		
WD13-004-465	2.52	2.5	< 0.1	0.14	0.154	0.09	< 0.02	0.15	0.03	< 0.02	1.65	49.4	1.7	3.51	0.5	2.19	0.5	0.2	0.5	< 0.1	0.6	0.1	0.4	< 0.1		
WD13-004-466	2.65	3.2	< 0.1	0.13	0.030	0.08	< 0.02	0.10	< 0.02	< 0.02	0.50	29.4	2.1	4.43	0.6	2.59	0.6	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1		
WD13-004-467	3.23	3.1	< 0.1	0.14	0.059	0.07	< 0.02	0.13	0.02	< 0.02	0.80	36.7	2.4	5.47	0.7	3.20	0.7	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1		
WD13-004-468	2.63	2.3	< 0.1	0.09	0.026	0.03	< 0.02	0.10	< 0.02	0.02	0.89	29.7	2.0	4.74	0.6	2.82	0.6	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1		
WD13-004-469	2.84	2.6	< 0.1	0.17	0.039	0.05	< 0.02	0.12	0.03	0.02	0.90	38.5	2.2	5.10	0.7	2.97	0.7	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1		
WD13-004-470	2.86	2.0	< 0.1	0.20	0.025	0.04	< 0.02	0.10	0.02	< 0.02	0.90	34.2	2.3	5.35	0.7	3.17	0.7	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1		
WD13-004-471	1.54	1.2	< 0.1	0.46	0.025	0.03	< 0.02	0.09	< 0.02	0.03	0.97	28.6	1.5	3.12	0.4	1.69	0.4	0.1	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-004-472	8.85	13.4	< 0.1	0.17	0.127	0.05	0.02	0.59	0.03	< 0.02	0.76	46.6	15.6	37.1	4.9	20.4	3.9	1.0	2.9	0.4	2.1	0.4	1.1	0.2		
WD13-004-473	3.54	3.3	< 0.1	0.19	0.035	0.04	< 0.02	0.19	< 0.02	< 0.02	0.84	48.5	3.5	7.90	1.1	4.85	1.1	0.3	0.9	0.1	0.8	0.2	0.5	< 0.1		
WD13-004-474	2.23	1.9	< 0.1	0.15	0.008	0.04	< 0.02	0.10	< 0.02	< 0.02	1.19	50.5	1.6	3.23	0.4	1.91	0.5	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1		
WD13-004-475	0.86	0.5	< 0.1	7.93	0.200	0.06	< 0.02	1.68	0.83	0.52	0.14	20.0	1.6	6.75	0.3	0.95	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		
WD13-004-476	3.51	3.3	< 0.1	0.67	0.019	0.06	< 0.02	0.16	0.03	0.02	0.94	38.8	2.4	5.24	0.7	3.08	0.7	0.2	0.7	0.1	0.7	0.2	0.5	< 0.1		
WD13-004-477	2.01	1.5	< 0.1	0.16	0.007	0.03	< 0.02	0.11	0.02	< 0.02	0.94	45.7	1.5	3.08	0.4	1.80	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-478	2.06	1.5	< 0.1	0.16	0.008	0.05	< 0.02	0.17	0.32	< 0.02	1.55	51.7	1.5	2.95	0.4	1.70	0.4	0.2	0.4	< 0.1	0.5	0.1	0.3	< 0.1		
WD13-004-479	1.99	2.2	< 0.1	0.14	0.030	0.03	< 0.02	0.11	< 0.02	< 0.02	0.84	52.9	1.5	2.98	0.4	1.80	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-480	2.03	1.9	< 0.1	0.14	0.013	0.02	< 0.02	0.15	< 0.02	< 0.02	0.47	51.2	1.4	2.91	0.4	1.80	0.5	0.2	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-481	2.11	1.6	< 0.1	0.31	0.020	0.03	< 0.02	0.10	< 0.02	< 0.02	0.82	45.3	1.4	2.93	0.4	1.86	0.5	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1		
WD13-004-482	1.65	1.5	< 0.1	0.12	0.009	0.02	< 0.02	0.12	< 0.02	< 0.02	0.99	51.3	1.3	2.51	0.3	1.47	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-483	1.58	1.3	< 0.1	0.14	0.003	0.03	< 0.02	0.08	0.02	< 0.02	1.20	52.5	1.3	2.44	0.3	1.38	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-484	1.74	1.2	< 0.1	0.10	0.008	0.06	< 0.02	0.10	< 0.02	0.03	1.07	45.4	1.3	2.56	0.3	1.47	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-485	1.69	1.1	< 0.1	0.08	0.012	0.03	< 0.02	0.08	< 0.02	< 0.02	1.28	44.4	1.2	2.35	0.3	1.35	0.3	0.2	0.3	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-486	2.03	1.1	< 0.1	0.11	0.067	0.04	< 0.02	0.10	< 0.02	< 0.02	2.61	45.9	1.4	2.76	0.4	1.55	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-487	1.71	1.4	< 0.1	0.11	0.020	0.03	< 0.02	0.08	< 0.02	< 0.02	2.49	49.7	1.4	2.58	0.3	1.46	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-488	1.67	1.5	< 0.1	0.14	0.017	0.03	< 0.02	0.12	< 0.02	< 0.02	1.16	51.3	1.3	2.45	0.3	1.39	0.3	0.2	0.3	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-004-489	1.96	2.0	< 0.1	0.10	0.015	0.04	< 0.02	0.10	< 0.02	< 0.02	1.35	61.1	1.4	2.76	0.4	1.68	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-004-490	0.84	0.8	< 0.1	8.43	0.191	0.05	< 0.02	1.73	0.98	0.65	0.16	20.3	1.6	6.87	0.3	1.03	0.2	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		

Activation Laboratories Ltd. Report: A13-02913

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	
WD13-004-456	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	3.31	< 0.1	0.4	40	8.13	0.16	0.07	0.057	22.17	29.11	< 0.01	0.01	0.02	0.01	< 0.003	40.20
WD13-004-457	0.8	0.1	0.2	< 0.05	0.2	0.002	556	0.07	4.78	1.2	0.3	70	60.29	16.07	6.43	0.096	4.64	6.74	2.49	0.77	0.46	0.10	0.022	1.72
WD13-004-458	1.1	0.2	0.3	< 0.05	0.5	0.002	< 5	0.08	3.49	1.6	0.5	30	66.58	13.49	6.23	0.102	2.44	4.13	3.18	1.14	0.59	0.13	0.020	1.27
WD13-004-459	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.79	0.2	< 0.1	< 10	51.03	10.35	10.41	0.195	13.96	11.23	1.23	0.30	0.30	0.03	0.061	0.23
WD13-004-460	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.1	2.49	0.2	< 0.1	< 10	50.26	10.35	10.55	0.209	14.15	11.34	1.23	0.45	0.31	0.02	0.051	1.65
WD13-004-461	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.16	0.71	0.2	< 0.1	< 10	50.57	9.43	10.34	0.203	14.55	11.20	1.04	0.47	0.32	0.03	0.037	1.74
WD13-004-462	0.2	< 0.1	< 0.1	0.08	< 0.1	< 0.001	< 5	0.08	0.79	0.2	< 0.1	< 10	50.27	10.28	10.55	0.206	14.31	11.13	1.14	0.47	0.29	0.02	0.038	1.43
WD13-004-463	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.19	0.2	< 0.1	< 10	51.45	10.13	10.62	0.201	14.32	11.15	1.21	0.44	0.31	0.03	0.043	0.63
WD13-004-464	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	37.3	0.2	< 0.1	< 10	49.82	10.19	10.42	0.196	14.21	11.06	1.27	0.56	0.30	0.02	0.053	2.11
WD13-004-465	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	51.3	0.2	< 0.1	< 10	49.77	10.29	10.38	0.195	14.12	11.03	1.34	0.54	0.32	0.03	0.040	2.54
WD13-004-466	0.3	< 0.1	< 0.1	0.09	< 0.1	< 0.001	< 5	0.03	26.1	0.3	0.3	< 10	49.98	8.69	9.70	0.215	14.03	11.75	1.45	0.47	0.31	0.03	0.044	3.39
WD13-004-467	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.03	17.5	0.3	0.1	< 10	50.83	9.28	10.06	0.214	14.12	10.85	1.29	0.51	0.32	0.02	0.042	2.68
WD13-004-468	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.02	13.5	0.2	< 0.1	< 10	51.50	9.57	10.21	0.218	14.04	10.44	1.33	0.45	0.29	0.02	0.043	2.24
WD13-004-469	0.4	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	21.0	0.2	< 0.1	< 10	50.27	9.83	10.05	0.201	13.89	10.22	1.32	0.45	0.28	0.02	0.044	2.32
WD13-004-470	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.03	7.78	0.2	< 0.1	< 10	50.62	9.94	10.37	0.204	14.14	10.78	1.08	0.44	0.31	0.02	0.041	2.11
WD13-004-471	0.2	< 0.1	< 0.1	0.09	< 0.1	0.001	< 5	0.03	8.84	0.2	< 0.1	< 10	49.18	10.53	10.88	0.219	15.09	8.73	1.37	0.39	0.24	0.02	0.028	3.15
WD13-004-472	0.9	0.1	0.4	< 0.05	0.2	0.001	< 5	0.11	22.2	3.1	1.0	< 10	53.68	13.79	8.47	0.154	8.71	7.92	4.01	0.54	0.60	0.18	0.035	1.79
WD13-004-473	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	3.81	0.5	0.1	< 10	50.68	10.14	10.36	0.196	13.72	10.54	1.44	0.52	0.35	0.04	0.051	1.72
WD13-004-474	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	1.30	0.2	< 0.1	< 10	48.96	10.40	10.32	0.193	14.60	10.48	1.06	0.53	0.29	0.03	0.036	1.48
WD13-004-475	0.1	< 0.1	< 0.1	< 0.05	0.1	0.004	1140	0.04	5.22	0.2	0.1	20	45.49	22.44	6.86	0.087	8.78	12.58	1.25	0.12	0.09	0.01	0.009	2.40
WD13-004-476	0.4	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.06	1.08	0.5	0.1	< 10	50.69	9.17	10.45	0.202	14.73	11.56	0.94	0.47	0.33	0.02	0.037	2.02
WD13-004-477	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.74	0.2	< 0.1	< 10	51.08	10.28	10.47	0.197	14.50	11.06	1.15	0.40	0.30	0.02	0.045	1.12
WD13-004-478	0.3	< 0.1	< 0.1	0.06	< 0.1	< 0.001	< 5	0.08	0.84	0.2	< 0.1	< 10	51.07	9.92	10.58	0.198	14.11	11.12	1.24	0.50	0.30	0.03	0.042	1.50
WD13-004-479	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.10	0.74	0.2	< 0.1	< 10	51.55	9.87	10.66	0.208	14.48	11.08	1.13	0.45	0.31	0.03	0.042	0.83
WD13-004-480	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	0.70	0.1	< 0.1	< 10	51.40	9.77	10.77	0.205	14.46	11.31	1.12	0.33	0.30	0.03	0.033	0.42
WD13-004-481	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.84	0.1	< 0.1	< 10	50.54	9.69	10.53	0.206	14.31	10.93	1.11	0.51	0.28	0.02	0.042	1.25
WD13-004-482	0.2	< 0.1	< 0.1	0.08	< 0.1	< 0.001	< 5	0.06	0.87	0.1	< 0.1	< 10	51.18	10.13	11.01	0.207	14.95	9.93	1.19	0.52	0.27	0.02	0.031	0.52
WD13-004-483	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	1.81	0.1	< 0.1	< 10	51.16	10.28	10.79	0.204	14.71	9.72	1.18	0.63	0.28	0.01	0.047	1.23
WD13-004-484	0.2	< 0.1	< 0.1	0.05	< 0.1	0.001	< 5	0.10	1.97	0.1	< 0.1	< 10	50.44	9.87	10.67	0.208	14.61	10.09	1.14	0.54	0.28	0.02	0.042	1.82
WD13-004-485	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	2.17	< 0.1	< 0.1	< 10	50.49	10.16	10.63	0.202	14.64	9.81	1.19	0.64	0.26	0.03	0.040	1.64
WD13-004-486	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	9.94	0.1	< 0.1	< 10	50.31	10.44	10.20	0.191	14.31	9.65	1.24	0.73	0.27	0.02	0.036	3.20
WD13-004-487	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.69	0.1	< 0.1	< 10	50.48	10.49	10.66	0.192	14.65	9.68	1.26	0.69	0.27	0.03	0.047	2.16
WD13-004-488	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.77	0.1	< 0.1	< 10	51.49	10.52	10.68	0.199	14.69	9.59	1.26	0.70	0.27	0.02	0.036	1.18
WD13-004-489	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	0.70	0.1	< 0.1	< 10	51.32	10.27	10.72	0.207	14.78	9.98	1.14	0.65	0.27	0.02	0.032	1.17
WD13-004-490	0.1	< 0.1	< 0.1	< 0.05	0.2	0.003	1130	0.03	5.73	0.2	< 0.1	20	45.73	22.38	6.88	0.087	8.92	12.65	1.24	0.13	0.10	0.01	0.009	2.42

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 7:35AM	Mar 25 2013 1:45PM	Apr 1 2013 11:20AM	Apr 1 2013 11:20AM	Apr 1 2013 11:20AM
WD13-004-456	99.89	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	0.1
WD13-004-457	99.90	0.04	0.024	< 0.004	0.008	0.06	530	2000	489
WD13-004-458	99.31	< 0.01	< 0.003	< 0.004	< 0.004	0.04	4	1.2	1.0
WD13-004-459	99.47	0.12	0.024	< 0.004	< 0.004	0.01	< 1	2.5	2.1
WD13-004-460	100.7	0.12	0.020	0.009	< 0.004	< 0.01	1	2.8	2.2
WD13-004-461	100.1	0.14	0.024	0.004	< 0.004	0.01	1	5.6	2.6
WD13-004-462	100.3	0.12	0.033	0.005	< 0.004	< 0.01	2	2.9	2.1
WD13-004-463	100.7	0.12	0.024	< 0.004	< 0.004	< 0.01	1	2.6	1.6
WD13-004-464	100.3	0.11	0.020	0.007	< 0.004	< 0.01	< 1	2.5	1.4
WD13-004-465	100.7	0.12	0.021	0.007	< 0.004	0.01	< 1	2.4	1.7
WD13-004-466	100.2	0.12	0.021	0.005	< 0.004	< 0.01	< 1	4.4	2.6
WD13-004-467	100.4	0.12	0.024	0.006	< 0.004	< 0.01	< 1	3.0	1.6
WD13-004-468	100.6	0.14	0.061	0.004	< 0.004	< 0.01	< 1	2.1	1.3
WD13-004-469	99.04	0.12	0.018	0.007	< 0.004	< 0.01	2	10.7	4.4
WD13-004-470	100.2	0.12	0.020	0.005	< 0.004	< 0.01	< 1	2.8	4.7
WD13-004-471	99.96	0.11	0.021	0.008	< 0.004	< 0.01	1	3.7	3.7
WD13-004-472	99.96	0.05	0.015	< 0.004	< 0.004	0.02	< 1	1.8	1.2
WD13-004-473	99.91	0.12	0.028	0.008	< 0.004	< 0.01	10	9.3	3.5
WD13-004-474	98.54	0.12	0.025	0.005	< 0.004	< 0.01	< 1	2.9	1.6
WD13-004-475	100.3	0.08	0.064	< 0.004	0.021	0.10	1230	6160	1470
WD13-004-476	100.8	0.13	0.024	0.005	< 0.004	< 0.01	2	4.2	3.3
WD13-004-477	100.8	0.12	0.026	0.007	< 0.004	< 0.01	< 1	3.5	1.9
WD13-004-478	100.8	0.12	0.021	0.005	< 0.004	< 0.01	4	3.7	2.1
WD13-004-479	100.8	0.12	0.024	0.007	< 0.004	< 0.01	< 1	2.9	1.4
WD13-004-480	100.3	0.12	0.021	0.007	< 0.004	< 0.01	< 1	2.5	1.4
WD13-004-481	99.58	0.12	0.028	0.005	< 0.004	< 0.01	< 1	3.3	1.9
WD13-004-482	100.1	0.12	0.024	0.008	< 0.004	< 0.01	< 1	3.4	2.1
WD13-004-483	100.4	0.12	0.023	0.004	< 0.004	< 0.01	< 1	4.4	2.3
WD13-004-484	99.88	0.12	0.023	0.007	< 0.004	< 0.01	< 1	3.6	2.2
WD13-004-485	99.88	0.12	0.024	0.004	< 0.004	< 0.01	3	3.7	2.0
WD13-004-486	100.7	0.12	0.023	0.006	< 0.004	< 0.01	< 1	3.7	2.3
WD13-004-487	100.8	0.12	0.027	0.004	< 0.004	< 0.01	< 1	3.7	1.7
WD13-004-488	100.8	0.12	0.024	0.006	< 0.004	< 0.01	< 1	2.9	2.5
WD13-004-489	100.7	0.12	0.024	0.010	< 0.004	0.05	< 1	3.2	1.9
WD13-004-490	100.7	0.08	0.064	0.004	0.018	0.11	1220	6060	1360

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD

CHR-BKG LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-460

Replicate Original

WD13-004-460 LABDUP

WD13-004-463

Replicate Original

WD13-004-463 LABDUP

WD13-004-465

Replicate Original

WD13-004-465 LABDUP

WD13-004-473

Replicate Original

WD13-004-473 LABDUP

WD13-004-474

Replicate Original

WD13-004-474 LABDUP

WD13-004-475

Replicate Original

WD13-004-475 LABDUP

WD13-004-476

Replicate Original

WD13-004-476 LABDUP

WD13-004-483

Replicate Original

WD13-004-483 LABDUP

WD13-004-485 Split

Original

WD13-004-485

LABPREP

WD13-004-486

Replicate Original

WD13-004-486 LABDUP

WD13-004-487

Replicate Original

WD13-004-487 LABDUP

WD13-004-460	11.3	0.1	8	0.466	2.68	3.38	0.14	< 0.02	2.75	10.8	67	343	543	3.09	22.7	89.4	11.6	28.3	5.92	< 0.1	0.4	< 0.1	5.4	105
Replicate Original																								
WD13-004-460 LABDUP	11.3	0.1	7	0.466	2.68	3.41	0.14	< 0.02	2.81	11.0	66	338	541	3.09	23.0	90.3	11.2	27.4	5.79	< 0.1	0.5	< 0.1	5.4	105
WD13-004-463																								
Replicate Original																								
WD13-004-463 LABDUP																								
WD13-004-465																								
Replicate Original																								
WD13-004-465 LABDUP																								
WD13-004-473																								
Replicate Original																								
WD13-004-473 LABDUP																								
WD13-004-474	14.5	0.2	6	0.457	2.61	3.11	0.17	< 0.02	2.93	12.9	71	368	490	2.90	21.5	87.1	12.1	27.6	5.42	< 0.1	0.3	< 0.1	6.7	111
Replicate Original																								
WD13-004-474 LABDUP	14.1	0.1	5	0.431	2.50	2.98	0.17	< 0.02	2.89	12.7	69	351	470	2.82	21.0	86.4	11.7	25.8	5.05	< 0.1	0.4	< 0.1	6.6	109
WD13-004-475																								
Replicate Original																								
WD13-004-475 LABDUP																								
WD13-004-476																								
Replicate Original																								
WD13-004-476 LABDUP																								
WD13-004-483																								
Replicate Original																								
WD13-004-483 LABDUP																								
WD13-004-485 Split	14.3	0.1	7	0.445	2.34	2.97	0.17	< 0.02	2.69	10.6	61	334	454	2.57	19.0	78.5	8.42	25.4	5.22	< 0.1	0.3	< 0.1	7.1	120
Original																								
WD13-004-485	13.5	0.1	5	0.436	2.29	2.96	0.17	< 0.02	2.63	10.4	58	329	457	2.57	18.9	77.9	8.12	24.7	5.04	< 0.1	0.3	< 0.1	6.9	116
LABPREP																								
WD13-004-486																								
Replicate Original																								
WD13-004-486 LABDUP																								
WD13-004-487	17.8	0.1	10	0.499	3.18	3.55	0.20	< 0.02	2.71	12.0	69	417	599	3.46	24.5	97.8	8.83	32.2	6.15	< 0.1	0.5	0.1	8.4	144
Replicate Original																								
WD13-004-487 LABDUP	17.5	0.1	7	0.448	2.92	3.33	0.19	< 0.02	2.57	10.9	60	375	559	3.31	23.9	94.1	7.84	29.5	5.54	< 0.1	0.3	< 0.1	8.0	134

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Quality Control																										
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%		
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg		SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	2013-03-25 07:35:31	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026		
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06			0.14				
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015		
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042		
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12				
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion) LABSTD														32.55	2.18					27.89						
CDN-PGMS-22 LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-23 LABSTD																										
WD13-004-460 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	2.46	0.2	< 0.1	< 10														
WD13-004-460 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.10	2.53	0.2	< 0.1	10														
WD13-004-463 Replicate Original																										
WD13-004-463 LABDUP																										
WD13-004-465 Replicate Original																										
WD13-004-465 LABDUP																										
WD13-004-473 Replicate Original																										
WD13-004-473 LABDUP																										
WD13-004-474 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.15	1.36	0.2	< 0.1	< 10														
WD13-004-474 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	1.23	0.2	< 0.1	< 10														
WD13-004-475 Replicate Original														45.21	22.35	6.83	0.086	8.78	12.49	1.26	0.12	0.10	0.01	0.010	2.40	
WD13-004-475 LABDUP														45.76	22.53	6.89	0.089	8.77	12.67	1.24	0.12	0.09	0.01	0.008	2.40	
WD13-004-476 Replicate Original																										
WD13-004-476 LABDUP																										
WD13-004-483 Replicate Original																										
WD13-004-483 LABDUP																										
WD13-004-485 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	2.17	< 0.1	< 0.1	< 10	50.49	10.16	10.63	0.202	14.64	9.81	1.19	0.64	0.26	0.03	0.040	1.64		
WD13-004-485 LABPREP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	2.12	0.1	< 0.1	< 10	50.73	10.26	10.67	0.198	14.62	9.86	1.18	0.63	0.26	0.02	0.039	1.56		
WD13-004-486 Replicate Original																										
WD13-004-486 LABDUP																										
WD13-004-487 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.74	0.1	< 0.1	< 10														
WD13-004-487 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.09	1.65	0.2	< 0.1	< 10														

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03- 25 07:35:31	2013-03- 25 07:35:31	2013-03- 25 07:35:31	2013-03- 25 07:35:31	2013-03- 25 07:35:31	2013-03- 25 13:45:42	2013-04- 01 11:20:07	2013-04- 01 11:20:07	2013-04- 01 11:20:07

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						1.03			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1130	6050	1390
CDN-PGMS-22 LABSTD							1150	5950	1400
CDN-PGMS-23 LABSTD							501	2050	488
WD13-004-460 Replicate Original									
WD13-004-460 LABDUP									
WD13-004-463 Replicate Original						< 0.01			
WD13-004-463 LABDUP						< 0.01			
WD13-004-465 Replicate Original							< 1	2.4	1.7
WD13-004-465 LABDUP							< 1	2.5	1.6
WD13-004-473 Replicate Original						< 0.01			
WD13-004-473 LABDUP						< 0.01			
WD13-004-474 Replicate Original									
WD13-004-474 LABDUP									
WD13-004-475 Replicate Original	99.82	0.08	0.064	< 0.004	0.020				
WD13-004-475 LABDUP	100.7	0.07	0.063	< 0.004	0.021				
WD13-004-476 Replicate Original							1	4.2	3.4
WD13-004-476 LABDUP							2	4.2	3.2
WD13-004-483 Replicate Original						< 0.01			
WD13-004-483 LABDUP						< 0.01			
WD13-004-485 Split Original	99.88	0.12	0.024	0.004	< 0.004	< 0.01	3	3.7	2.0
WD13-004-485 LABPREP	100.2	0.12	0.021	0.004	< 0.004	0.01	1	4.2	2.8
WD13-004-486 Replicate Original							1	3.4	2.2
WD13-004-486 LABDUP							< 1	4.0	2.4
WD13-004-487 Replicate Original									
WD13-004-487 LABDUP									



Date Submitted: 18-Mar-13
Invoice No.: A13-02956
Invoice Date: 04-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02956**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02956

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	
WD13-004-526	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.64	< 0.1	0.3	< 10	4.79	0.23	0.09	0.065	21.61	29.01	< 0.01	0.02	0.02	0.01	< 0.003	43.14
WD13-004-527	0.8	0.1	0.2	< 0.05	0.2	0.002	802	0.07	4.59	1.1	0.3	10	60.20	15.82	6.50	0.104	4.59	6.80	2.43	0.77	0.46	0.10	0.017	1.82
WD13-004-528	1.0	0.1	0.2	< 0.05	0.4	0.002	< 5	0.07	3.12	1.6	0.4	< 10	66.73	13.45	6.30	0.112	2.42	4.17	3.24	1.12	0.60	0.14	0.018	1.27
WD13-004-529	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	6.79	0.2	< 0.1	< 10	49.91	9.82	10.46	0.195	14.52	10.47	1.19	0.72	0.31	0.03	0.021	2.21
WD13-004-530	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.10	1.23	0.2	< 0.1	< 10	51.47	9.89	10.47	0.199	14.31	10.82	1.26	0.77	0.31	0.02	0.052	1.02
WD13-004-531	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.96	0.3	< 0.1	< 10	50.44	9.74	10.29	0.206	14.12	10.79	1.27	0.62	0.31	0.03	0.050	1.87
WD13-004-532	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.01	0.2	< 0.1	< 10	49.96	9.80	10.29	0.193	14.20	10.85	1.33	0.64	0.31	0.04	0.046	2.27
WD13-004-533	0.2	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.03	2.50	0.3	< 0.1	< 10	50.67	9.62	9.98	0.199	13.80	10.95	1.40	0.52	0.29	0.02	0.054	2.22
WD13-004-534	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	1.45	0.3	0.1	< 10	51.24	9.73	9.86	0.205	13.64	10.66	1.58	0.52	0.29	0.03	0.028	2.18
WD13-004-535	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	1.71	0.3	< 0.1	< 10	50.64	9.80	10.00	0.199	13.87	11.26	1.39	0.51	0.30	0.03	0.044	2.60
WD13-004-536	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	6.84	0.3	< 0.1	< 10	50.63	9.77	10.16	0.208	14.04	10.56	1.27	0.65	0.31	0.03	0.040	2.27
WD13-004-537	0.3	< 0.1	< 0.1	< 0.05	0.3	0.001	< 5	0.03	27.1	0.4	0.1	< 10	50.37	9.46	9.79	0.198	13.69	11.26	1.62	0.42	0.29	0.03	0.027	2.77
WD13-004-538	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	30.3	0.3	< 0.1	< 10	50.46	9.62	9.88	0.202	13.89	10.33	1.74	0.36	0.31	0.02	0.053	2.58
WD13-004-539	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.03	13.5	0.4	0.1	< 10	50.56	10.03	9.81	0.195	13.81	10.64	1.72	0.53	0.29	0.03	0.056	2.51
WD13-004-540	0.4	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.03	25.3	0.4	0.1	< 10	51.36	9.55	9.91	0.194	13.77	10.18	1.88	0.45	0.29	0.03	0.039	2.45
WD13-004-541	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	24.3	0.8	0.2	< 10	51.28	10.29	9.74	0.192	13.18	9.87	2.22	0.33	0.36	0.07	0.050	2.36
WD13-004-542	0.4	< 0.1	0.1	< 0.05	0.4	< 0.001	< 5	< 0.02	118	0.3	0.1	< 10	49.38	9.46	10.05	0.210	14.40	9.96	1.86	0.21	0.31	0.03	0.062	3.79
WD13-004-543	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	21.2	0.3	0.1	< 10	52.95	9.09	9.23	0.200	13.09	10.05	2.36	0.30	0.28	0.02	0.032	2.01
WD13-004-544	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	29.5	0.3	< 0.1	< 10	51.86	9.72	9.39	0.192	13.41	9.47	2.23	0.44	0.28	0.02	0.039	2.77
WD13-004-545	0.1	< 0.1	< 0.1	< 0.05	0.2	0.004	1460	0.04	5.79	0.2	< 0.1	30	45.32	21.92	6.90	0.087	8.78	12.72	1.29	0.12	0.10	0.01	< 0.003	2.47
WD13-004-546	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	14.2	0.4	< 0.1	< 10	51.17	9.69	10.05	0.208	14.02	10.56	1.41	0.57	0.30	0.02	0.038	2.51
WD13-004-547	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.05	5.39	0.3	0.1	< 10	50.38	10.06	9.93	0.199	13.82	10.95	1.32	0.55	0.28	0.03	0.064	2.48
WD13-004-548	0.3	< 0.1	< 0.1	< 0.05	0.2	0.001	< 5	0.04	3.43	0.3	0.1	< 10	50.90	9.54	10.18	0.208	14.02	10.81	1.32	0.54	0.30	0.03	0.042	2.38
WD13-004-549	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.04	6.77	0.3	< 0.1	< 10	50.90	10.36	9.30	0.188	12.97	11.42	1.59	0.49	0.29	0.03	0.038	2.53
WD13-004-550	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.04	1.92	0.3	< 0.1	< 10	50.93	10.11	10.01	0.205	13.70	10.93	1.40	0.53	0.30	0.03	0.047	2.06
WD13-004-551	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.81	0.3	< 0.1	< 10	50.35	10.45	9.82	0.191	13.39	11.02	1.33	0.55	0.29	0.02	0.055	2.00
WD13-004-552	0.3	< 0.1	< 0.1	< 0.05	0.2	0.007	< 5	0.05	9.71	0.4	2.0	< 10	50.42	9.56	9.87	0.197	13.59	10.89	1.49	0.41	0.30	0.02	0.034	2.33
WD13-004-553	0.3	< 0.1	< 0.1	< 0.05	0.2	0.006	< 5	0.20	4.88	0.4	0.1	< 10	50.00	9.29	9.92	0.199	13.74	10.99	1.70	0.48	0.30	0.03	0.033	2.62
WD13-004-554	0.3	< 0.1	< 0.1	< 0.05	0.1	0.022	< 5	0.20	0.88	0.4	0.2	< 10	50.50	9.76	10.12	0.207	13.83	10.80	1.42	0.58	0.30	0.03	0.038	2.14
WD13-004-555	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.004	< 5	0.09	2.45	0.4	0.1	< 10	50.37	9.81	9.91	0.192	13.58	11.05	1.34	0.58	0.30	0.03	0.043	2.19
WD13-004-556	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.12	8.03	0.4	0.2	< 10	51.14	9.56	9.80	0.214	13.38	10.98	1.65	0.59	0.30	0.03	0.033	2.18
WD13-004-557	0.4	< 0.1	< 0.1	< 0.05	0.1	0.002	< 5	0.09	2.55	0.4	0.2	< 10	50.65	9.54	9.91	0.220	13.40	10.69	1.48	0.63	0.29	0.04	0.038	2.34
WD13-004-558	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.81	0.4	0.2	< 10	50.55	9.50	9.40	0.205	12.68	11.38	1.59	0.63	0.27	0.02	0.032	2.23
WD13-004-559	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	0.52	0.3	0.1	< 10	51.09	9.09	8.74	0.200	11.73	12.87	1.96	0.46	0.26	0.02	0.029	2.28
WD13-004-560	0.1	< 0.1	0.1	< 0.05	0.2	0.003	1090	0.04	5.43	0.2	0.1	20	45.26	21.87	6.91	0.090	8.70	12.76	1.31	0.12	0.10	0.02	0.004	2.52

Activation Laboratories Ltd. Report: A13-02956

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 28 2013 1:52PM	Mar 25 2013 1:45PM	Apr 1 2013 1:32PM	Apr 1 2013 1:32PM	Apr 1 2013 1:32PM
WD13-004-526	98.98	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	1	0.3	0.2
WD13-004-527	99.67	0.03	0.028	< 0.004	0.009	0.05	513	2060	488
WD13-004-528	99.58	< 0.01	0.006	< 0.004	< 0.004	0.04	4	1.2	1.3
WD13-004-529	100.00	0.12	0.020	0.006	< 0.004	< 0.01	< 1	2.6	2.1
WD13-004-530	100.7	0.12	0.023	0.006	< 0.004	< 0.01	< 1	2.0	1.7
WD13-004-531	99.87	0.11	0.022	0.007	< 0.004	< 0.01	2	2.2	1.5
WD13-004-532	100.1	0.12	0.021	0.008	< 0.004	< 0.01	< 1	2.1	2.4
WD13-004-533	99.86	0.11	0.021	< 0.004	< 0.004	< 0.01	< 1	2.1	1.5
WD13-004-534	100.1	0.12	0.020	0.010	< 0.004	< 0.01	< 1	1.9	1.3
WD13-004-535	100.8	0.12	0.019	0.004	< 0.004	< 0.01	< 1	2.3	1.8
WD13-004-536	100.1	0.12	0.020	0.007	< 0.004	< 0.01	< 1	2.0	1.6
WD13-004-537	100.1	0.12	0.027	0.005	< 0.004	< 0.01	< 1	2.3	1.8
WD13-004-538	99.60	0.12	0.019	0.010	< 0.004	< 0.01	< 1	10.4	1.8
WD13-004-539	100.3	0.11	0.019	0.004	< 0.004	< 0.01	< 1	2.2	1.4
WD13-004-540	100.2	0.11	0.020	0.004	< 0.004	< 0.01	< 1	2.3	1.8
WD13-004-541	100.1	0.10	0.020	0.005	< 0.004	< 0.01	< 1	2.2	1.4
WD13-004-542	99.87	0.12	0.025	0.004	< 0.004	< 0.01	< 1	2.8	1.4
WD13-004-543	99.74	0.10	0.020	< 0.004	< 0.004	< 0.01	< 1	2.3	1.4
WD13-004-544	99.95	0.10	0.022	< 0.004	< 0.004	< 0.01	< 1	3.9	1.5
WD13-004-545	99.89	0.07	0.064	< 0.004	0.019	0.10	1220	5970	1360
WD13-004-546	100.7	0.11	0.024	< 0.004	< 0.004	< 0.01	1	2.2	2.0
WD13-004-547	100.2	0.12	0.020	< 0.004	< 0.004	< 0.01	< 1	2.4	1.5
WD13-004-548	100.4	0.12	0.021	0.006	< 0.004	< 0.01	< 1	2.0	1.7
WD13-004-549	100.2	0.11	0.017	0.006	< 0.004	< 0.01	< 1	2.4	1.4
WD13-004-550	100.4	0.12	0.017	0.008	< 0.004	< 0.01	< 1	2.0	1.3
WD13-004-551	99.60	0.11	0.020	0.005	< 0.004	< 0.01	4	2.2	1.5
WD13-004-552	99.24	0.11	0.019	< 0.004	< 0.004	< 0.01	< 1	2.0	1.7
WD13-004-553	99.45	0.12	0.021	0.004	< 0.004	0.02	< 1	2.0	1.4
WD13-004-554	99.85	0.11	0.019	0.007	< 0.004	< 0.01	< 1	1.9	1.3
WD13-004-555	99.53	0.11	0.022	0.004	< 0.004	< 0.01	< 1	2.3	2.1
WD13-004-556	100.0	0.12	0.018	0.012	< 0.004	0.02	< 1	2.0	1.3
WD13-004-557	99.37	0.12	0.020	0.009	< 0.004	< 0.01	< 1	2.1	1.4
WD13-004-558	98.62	0.11	0.020	< 0.004	< 0.004	0.01	< 1	2.3	2.7
WD13-004-559	98.84	0.09	0.020	0.004	< 0.004	< 0.01	< 1	2.0	1.4
WD13-004-560	99.81	0.07	0.064	0.004	0.018	0.10	1120	6040	1390

Activation Laboratories Ltd. Report: A13-02956

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD																										
CHR-BKG LABSTD																										
AN-G LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD																										
AC-E LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion) LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-23 LABSTD																										
CDN-PGMS-23 LABSTD																										
WD13-004-535 Replicate Original	16.7	0.1	3	0.130	1.72	2.13	0.09	< 0.02	2.27	6.6	43	174	393	2.13	16.2	60.7	7.18	18.9	4.24	< 0.1	0.1	< 0.1	4.1	49.0		
WD13-004-535 LABDUP	18.1	0.1	5	0.146	1.86	2.28	0.10	0.03	2.46	7.2	49	193	409	2.20	17.1	65.1	7.34	20.7	4.69	< 0.1	0.2	< 0.1	4.6	55.5		
WD13-004-536 Replicate Original																										
WD13-004-536 LABDUP																										
WD13-004-545 Replicate Original																										
WD13-004-545 LABDUP																										
WD13-004-546 Replicate Original																										
WD13-004-546 LABDUP																										
WD13-004-553 Replicate Original	18.9	0.1	2	0.126	1.99	1.97	0.09	0.16	2.31	9.6	67	300	415	2.44	21.0	90.6	11.5	38.2	4.70	< 0.1	0.2	< 0.1	4.9	40.5		
WD13-004-553 LABDUP	20.1	0.2	4	0.135	2.05	2.02	0.10	0.15	2.41	10.1	75	319	423	2.44	21.5	93.7	12.5	40.8	4.99	< 0.1	0.3	< 0.1	5.2	44.4		
WD13-004-555 Replicate Original																										
WD13-004-555 Split Original	18.9	0.1	4	0.187	2.15	2.15	0.13	0.07	2.40	10.5	72	341	418	2.52	19.9	84.8	3.43	27.3	4.57	< 0.1	0.1	< 0.1	6.9	48.7		
WD13-004-555 LABDUP																										
WD13-004-555 LABPREP	18.9	0.1	16	0.195	2.22	2.23	0.13	0.08	2.44	10.7	76	357	431	2.58	20.4	85.7	3.57	28.4	4.82	< 0.1	0.2	< 0.1	6.9	49.8		
WD13-004-557 Replicate Original																										
WD13-004-557 LABDUP																										

Activation Laboratories Ltd. Report: A13-02956

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06		0.14				
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.55	2.18				27.89						
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-535 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	1.71	0.3	< 0.1	< 10													
WD13-004-535 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	1.70	0.3	< 0.1	< 10													
WD13-004-536 Replicate Original																									
WD13-004-536 LABDUP																									
WD13-004-545 Replicate Original														45.16	21.80	6.89	0.089	8.80	12.67	1.29	0.13	0.11	0.01	< 0.003	2.47
WD13-004-545 LABDUP														45.48	22.05	6.92	0.084	8.76	12.77	1.30	0.11	0.09	0.01	0.021	2.47
WD13-004-546 Replicate Original																									
WD13-004-546 LABDUP																									
WD13-004-553 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.2	0.006	< 5	0.19	4.83	0.4	0.1	< 10													
WD13-004-553 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.2	0.006	< 5	0.20	4.94	0.4	0.1	< 10													
WD13-004-555 Replicate Original																									
WD13-004-555 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.004	< 5	0.09	2.45	0.4	0.1	< 10	50.37	9.81	9.91	0.192	13.58	11.05	1.34	0.58	0.30	0.03	0.043	2.19	
WD13-004-555 LABDUP																									
WD13-004-555 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.005	< 5	0.09	2.71	0.4	0.1	< 10	49.90	9.50	9.89	0.187	13.44	10.99	1.34	0.58	0.30	0.03	0.044	2.52	
WD13-004-557 Replicate Original																									
WD13-004-557 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)	LDI- Greenfield Tbay (MS)
Date Analyzed	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 28 13:52:33	2013-03- 25 13:45:42	2013-04- 01 13:32:22	2013-04- 01 13:32:22	2013-04- 01 13:32:22

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.04			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1110	5820	1330
CDN-PGMS-23 LABSTD							463	1950	442
CDN-PGMS-23 LABSTD							474	1940	463
WD13-004-535 Replicate Original						< 0.01			
WD13-004-535 LABDUP						< 0.01			
WD13-004-536 Replicate Original							< 1	2.1	1.5
WD13-004-536 LABDUP							< 1	2.0	1.7
WD13-004-545 Replicate Original	99.57	0.08	0.064	0.004	0.019	0.09			
WD13-004-545 LABDUP	100.2	0.07	0.064	< 0.004	0.019	0.10			
WD13-004-546 Replicate Original							1	2.4	2.1
WD13-004-546 LABDUP							2	2.0	1.8
WD13-004-553 Replicate Original									
WD13-004-553 LABDUP									
WD13-004-555 Replicate Original						< 0.01			
WD13-004-555 Split Original	99.53	0.11	0.022	0.004	< 0.004	< 0.01	< 1	2.3	2.1
WD13-004-555 LABDUP						< 0.01			
WD13-004-555 LABPREP	98.86	0.12	0.021	0.004	< 0.004	< 0.01	< 1	2.1	1.7
WD13-004-557 Replicate Original							< 1	2.0	1.3
WD13-004-557 LABDUP							< 1	2.1	1.6



Date Submitted: 18-Mar-13
Invoice No.: A13-02957
Invoice Date: 16-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02957**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02957

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	
WD13-004-561	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	2.69	< 0.1	0.4	< 10	6.17	0.06	0.08	0.067	21.91	29.45	< 0.01	0.01	0.02	0.01	< 0.003	41.91
WD13-004-562	0.7	0.1	0.2	< 0.05	0.2	0.002	500	0.06	4.16	1.1	0.3	10	60.05	15.96	6.49	0.096	4.65	6.79	2.47	0.76	0.45	0.09	0.015	1.81
WD13-004-563	1.1	0.2	0.3	< 0.05	0.4	0.003	< 5	0.08	3.29	1.6	0.5	10	66.01	13.26	6.23	0.113	2.46	4.19	3.26	1.11	0.59	0.13	0.014	1.29
WD13-004-564	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.70	0.3	< 0.1	< 10	51.29	10.33	10.06	0.202	13.51	11.03	1.41	0.59	0.31	0.02	0.042	1.13
WD13-004-565	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	0.67	0.3	< 0.1	< 10	51.34	10.01	10.27	0.204	14.00	11.16	1.35	0.48	0.29	0.04	0.046	1.22
WD13-004-566	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.08	1.08	0.4	0.1	< 10	49.88	9.86	10.20	0.219	13.30	11.28	1.35	0.52	0.30	0.04	0.053	2.15
WD13-004-567	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	8.70	0.3	0.1	< 10	50.84	9.92	9.89	0.207	13.50	11.65	1.41	0.48	0.29	0.04	0.041	2.34
WD13-004-568	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.10	1.57	0.3	0.2	< 10	51.43	9.86	9.92	0.209	12.94	11.66	1.70	0.53	0.28	0.04	0.050	2.01
WD13-004-569	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.07	0.86	0.4	0.1	< 10	50.78	9.92	10.07	0.200	13.57	10.73	1.73	0.55	0.30	0.02	0.032	2.15
WD13-004-570	0.3	< 0.1	< 0.1	< 0.05	1.8	0.001	< 5	0.06	2.13	0.4	< 0.1	< 10	50.76	9.69	10.03	0.200	13.46	11.33	1.39	0.42	0.30	0.03	0.032	2.29
WD13-004-571	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	1.22	0.4	0.2	< 10	52.37	9.65	9.57	0.200	12.69	10.54	2.19	0.41	0.30	0.03	0.050	1.87
WD13-004-572	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	3.94	0.4	< 0.1	< 10	50.66	9.71	10.19	0.196	13.85	11.20	1.37	0.45	0.32	0.03	0.038	2.27
WD13-004-573	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.89	0.4	< 0.1	< 10	50.66	9.56	10.17	0.195	13.71	11.20	1.61	0.47	0.31	0.03	0.042	2.17
WD13-004-574	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	0.89	0.4	< 0.1	< 10	50.49	9.58	10.30	0.198	13.71	11.13	1.52	0.41	0.32	0.03	0.052	2.05
WD13-004-575	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.77	0.4	< 0.1	< 10	50.91	9.82	10.19	0.197	13.92	11.00	1.36	0.53	0.31	0.02	0.030	2.18
WD13-004-576	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.74	0.4	< 0.1	< 10	50.33	9.67	10.13	0.197	13.72	10.90	1.41	0.46	0.31	0.04	0.058	2.06
WD13-004-577	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.72	0.4	< 0.1	< 10	49.49	10.19	10.00	0.198	13.42	10.87	1.25	0.40	0.32	0.03	0.031	2.31
WD13-004-578	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 5	0.04	0.87	0.4	< 0.1	< 10	50.68	9.98	10.11	0.196	13.61	11.28	1.42	0.47	0.31	0.02	0.047	2.19
WD13-004-579	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.23	0.4	< 0.1	< 10	50.61	10.09	9.93	0.204	13.48	11.20	1.47	0.47	0.31	0.02	0.035	2.10
WD13-004-580	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	1940	0.03	5.25	0.2	< 0.1	30	45.35	22.09	6.88	0.089	8.74	12.70	1.32	0.13	0.10	0.01	0.010	2.74
WD13-004-581	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.003	9	0.04	0.95	0.4	0.1	< 10	50.13	9.80	11.96	0.219	13.20	11.04	1.41	0.43	0.31	0.04	0.039	1.91
WD13-004-582	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.05	0.89	0.4	0.1	< 10	51.36	9.71	9.90	0.205	13.43	11.04	1.62	0.53	0.31	0.04	0.045	1.96
WD13-004-583	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.003	< 5	0.04	1.14	0.4	0.1	< 10	50.35	9.75	9.98	0.206	13.47	11.18	1.44	0.52	0.30	0.04	0.059	2.26
WD13-004-584	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	1.20	0.3	< 0.1	< 10	51.67	10.25	10.41	0.204	13.86	11.13	1.35	0.53	0.30	0.03	0.070	0.76
WD13-004-585	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.88	0.3	< 0.1	< 10	51.87	10.20	10.54	0.202	13.93	11.31	1.36	0.46	0.32	0.03	0.037	0.28
WD13-004-586	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.85	0.3	< 0.1	< 10	51.72	10.05	10.46	0.204	14.00	11.27	1.34	0.48	0.33	0.03	0.051	0.42
WD13-004-587	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.69	0.3	< 0.1	< 10	51.27	10.14	10.38	0.208	13.77	11.07	1.30	0.56	0.32	0.03	0.045	1.43
WD13-004-588	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.00	0.4	< 0.1	< 10	51.43	9.84	10.02	0.199	13.54	11.07	1.42	0.52	0.32	0.03	0.032	1.97
WD13-004-589	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.87	0.4	< 0.1	< 10	50.39	10.27	10.38	0.201	13.81	11.20	1.36	0.45	0.32	0.03	0.041	1.55
WD13-004-590	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.67	0.4	< 0.1	< 10	50.70	9.98	10.18	0.188	13.63	11.03	1.34	0.50	0.33	0.04	0.028	1.97
WD13-004-591	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.13	0.4	< 0.1	< 10	51.10	9.67	10.20	0.205	13.73	10.96	1.39	0.49	0.32	0.03	0.046	2.17
WD13-004-592	0.3	< 0.1	< 0.1	< 0.05	0.1	0.001	< 5	0.07	1.07	0.4	< 0.1	< 10	50.40	10.00	10.07	0.197	13.61	11.11	1.74	0.43	0.31	0.03	0.042	2.25
WD13-004-593	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.87	0.4	< 0.1	< 10	50.72	10.09	10.11	0.188	13.63	11.19	1.31	0.46	0.32	0.04	0.054	1.91
WD13-004-594	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.11	0.78	0.4	< 0.1	< 10	50.77	9.96	10.27	0.198	13.71	11.18	1.23	0.41	0.33	0.02	0.027	1.68
WD13-004-595	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	1530	0.03	5.80	0.2	0.1	50	45.35	22.21	6.93	0.097	8.83	12.74	1.32	0.12	0.11	0.02	0.008	2.52

Activation Laboratories Ltd. Report: A13-02957

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 28 2013 1:55PM	Mar 25 2013 1:45PM	Apr 16 2013 11:30AM	Apr 16 2013 11:30AM	Apr 16 2013 11:30AM
WD13-004-561	99.68	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.4	0.4
WD13-004-562	99.69	0.03	0.028	< 0.004	0.007	0.05	500	1900	477
WD13-004-563	98.68	< 0.01	0.007	< 0.004	0.006	0.04	3	1.2	1.1
WD13-004-564	100.1	0.12	0.024	< 0.004	< 0.004	< 0.01	< 1	2.3	1.3
WD13-004-565	100.6	0.12	0.020	0.007	< 0.004	< 0.01	< 1	2.4	2.0
WD13-004-566	99.29	0.11	0.022	< 0.004	< 0.004	0.01	1	3.9	2.0
WD13-004-567	100.7	0.12	0.019	0.006	< 0.004	< 0.01	< 1	2.5	1.6
WD13-004-568	100.8	0.10	0.018	0.009	< 0.004	0.07	< 1	1.9	1.1
WD13-004-569	100.2	0.11	0.017	0.005	< 0.004	< 0.01	< 1	1.9	1.3
WD13-004-570	100.1	0.11	0.020	< 0.004	< 0.004	0.05	< 1	1.8	1.3
WD13-004-571	99.99	0.11	0.015	0.008	< 0.004	0.01	< 1	5.0	2.4
WD13-004-572	100.4	0.11	0.020	0.005	< 0.004	0.01	3	2.1	1.5
WD13-004-573	100.3	0.11	0.021	0.007	< 0.004	< 0.01	< 1	2.8	1.6
WD13-004-574	99.93	0.12	0.021	0.004	< 0.004	< 0.01	< 1	2.6	1.3
WD13-004-575	100.6	0.12	0.025	0.004	< 0.004	0.03	< 1	2.3	1.5
WD13-004-576	99.42	0.11	0.024	< 0.004	< 0.004	< 0.01	< 1	1.9	1.4
WD13-004-577	98.64	0.11	0.024	0.007	< 0.004	0.01	2	5.1	1.6
WD13-004-578	100.5	0.12	0.021	0.007	< 0.004	0.02	< 1	1.9	1.3
WD13-004-579	100.1	0.11	0.020	0.004	< 0.004	< 0.01	< 1	1.9	1.2
WD13-004-580	100.3	0.07	0.064	< 0.004	0.018	0.10	1220	5820	1370
WD13-004-581	100.6	0.11	0.021	0.004	< 0.004	< 0.01	< 1	2.0	1.4
WD13-004-582	100.3	0.11	0.017	0.005	< 0.004	< 0.01	< 1	2.5	1.6
WD13-004-583	99.69	0.11	0.023	0.007	< 0.004	< 0.01	< 1	2.4	1.4
WD13-004-584	100.7	0.12	0.020	0.007	< 0.004	< 0.01	< 1	2.6	1.5
WD13-004-585	100.7	0.11	0.020	0.004	< 0.004	< 0.01	< 1	2.3	1.7
WD13-004-586	100.5	0.12	0.020	0.008	< 0.004	0.02	< 1	2.8	2.2
WD13-004-587	100.7	0.11	0.016	0.010	< 0.004	0.01	< 1	2.4	1.4
WD13-004-588	100.5	0.12	0.023	0.006	< 0.004	0.02	< 1	2.1	1.4
WD13-004-589	100.1	0.11	0.020	0.004	< 0.004	0.01	< 1	2.1	1.4
WD13-004-590	100.1	0.12	0.024	0.005	< 0.004	< 0.01	< 1	2.0	1.3
WD13-004-591	100.4	0.11	0.022	0.005	< 0.004	0.01	< 1	3.5	1.5
WD13-004-592	100.3	0.11	0.021	< 0.004	< 0.004	0.05	< 1	2.4	2.6
WD13-004-593	100.2	0.12	0.022	0.007	< 0.004	0.04	< 1	2.0	1.3
WD13-004-594	99.93	0.12	0.020	0.007	< 0.004	< 0.01	< 1	2.1	1.6
WD13-004-595	100.4	0.08	0.064	0.004	0.021	0.09	1180	5930	1400

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Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Code																									
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	

MICA-FE LABSTD																									
CHR-BKG LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD																									
OREAS 13b (4-Acid) LABSTD												442		49.8	2270	2370	63.4				52.3				
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-564 Replicate Original																									
WD13-004-564 LABDUP																									
WD13-004-566 Replicate Original	17.6	0.2	19	0.271	2.14	2.54	0.13	0.05	2.76	10.4	74	291	472	2.58	18.7	80.9	9.47	37.6	5.91	< 0.1	0.4	< 0.1	6.1	63.1	
WD13-004-566 LABDUP	16.0	0.2	15	0.249	2.02	2.41	0.12	0.05	2.57	9.9	67	273	458	2.53	18.0	76.8	9.80	35.8	5.50	< 0.1	0.2	< 0.1	5.7	57.6	
WD13-004-571 Replicate Original																									
WD13-004-571 LABDUP																									
WD13-004-574 Replicate Original																									
WD13-004-574 LABDUP																									
WD13-004-579 Replicate Original	10.5	0.1	159	0.314	2.04	2.28	0.10	0.02	2.52	10.6	68	269	411	2.25	17.6	71.0	6.71	21.5	4.82	< 0.1	0.2	< 0.1	4.2	68.1	
WD13-004-579 LABDUP	10.1	0.1	150	0.292	1.94	2.21	0.10	0.03	2.46	10.1	62	249	397	2.23	17.5	70.2	6.45	20.6	4.49	< 0.1	0.2	< 0.1	4.0	63.0	
WD13-004-580 Replicate Original																									
WD13-004-580 LABDUP																									
WD13-004-581 Replicate Original																									
WD13-004-581 LABDUP																									
WD13-004-584 Replicate Original																									
WD13-004-584 LABDUP																									
WD13-004-590 Split Original	11.4	0.1	5	0.403	2.15	2.83	0.14	< 0.02	2.34	8.6	55	267	375	2.51	19.6	76.6	12.2	23.4	5.16	< 0.1	0.2	< 0.1	6.5	95.4	
WD13-004-590 LABPREP	10.9	0.1	5	0.390	2.08	2.72	0.14	< 0.02	2.30	8.4	55	260	364	2.41	19.0	74.7	12.2	22.9	5.16	< 0.1	0.3	< 0.1	6.5	94.6	
WD13-004-592 Replicate Original																									
WD13-004-592 LABDUP																									
WD13-004-593 Replicate Original	12.4	0.1	3	0.366	1.92	2.67	0.16	0.19	2.34	8.9	55	218	348	2.37	20.0	78.1	14.2	22.4	5.00	< 0.1	0.3	< 0.1	8.8	90.8	
WD13-004-593 LABDUP	12.4	0.1	3	0.356	1.87	2.54	0.16	0.17	2.33	8.9	56	214	331	2.26	19.3	75.9	14.0	22.1	4.96	< 0.1	0.3	< 0.1	9.0	94.4	
WD13-004-594 Replicate Original																									
WD13-004-594 LABDUP																									

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	2013-04-04 13:32:51	

MICA-FE LABSTD																									
CHR-BKG LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD																									
OREAS 13b (4-Acid) LABSTD				8.40	0.879																				
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-564 Replicate Original																									
WD13-004-564 LABDUP																									
WD13-004-566 Replicate Original	2.93	3.6	< 0.1	1.42	0.025	0.03	< 0.02	0.24	< 0.02	0.03	0.71	25.8	2.5	5.40	0.7	3.12	0.7	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-566 LABDUP	2.66	3.1	< 0.1	1.32	0.003	0.03	< 0.02	0.22	< 0.02	< 0.02	0.69	24.7	2.4	5.11	0.7	2.92	0.6	0.2	0.7	0.1	0.6	0.1	0.4	< 0.1	
WD13-004-571 Replicate Original																									
WD13-004-571 LABDUP																									
WD13-004-574 Replicate Original																									
WD13-004-574 LABDUP																									
WD13-004-579 Replicate Original	2.19	1.9	< 0.1	0.65	0.010	0.02	< 0.02	0.08	< 0.02	< 0.02	0.60	24.4	2.5	4.86	0.6	2.36	0.5	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-579 LABDUP	1.99	2.1	< 0.1	0.74	0.008	0.01	< 0.02	0.09	< 0.02	< 0.02	0.62	25.3	2.5	4.77	0.6	2.33	0.5	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-580 Replicate Original																									
WD13-004-580 LABDUP																									
WD13-004-581 Replicate Original																									
WD13-004-581 LABDUP																									
WD13-004-584 Replicate Original																									
WD13-004-584 LABDUP																									
WD13-004-590 Split Original	1.91	1.8	< 0.1	0.15	< 0.002	0.02	< 0.02	0.08	< 0.02	< 0.02	1.54	46.0	2.1	4.07	0.5	2.09	0.5	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-590 LABPREP	1.88	1.8	< 0.1	0.18	0.018	0.02	< 0.02	0.07	< 0.02	< 0.02	1.48	43.7	2.0	3.89	0.5	1.99	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-592 Replicate Original																									
WD13-004-592 LABDUP																									
WD13-004-593 Replicate Original	2.19	1.8	< 0.1	0.24	0.019	0.02	< 0.02	0.08	0.03	< 0.02	7.11	48.2	2.8	5.98	0.8	3.14	0.6	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-004-593 LABDUP	2.25	1.9	< 0.1	0.24	0.019	0.02	< 0.02	0.08	0.03	< 0.02	6.60	44.7	2.6	5.71	0.7	2.97	0.6	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1	
WD13-004-594 Replicate Original																									
WD13-004-594 LABDUP																									

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	
MICA-FE LABSTD														34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD														15.22	12.98	13.85	0.142	23.50	0.06		0.14				
AN-G LABSTD														46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.55	2.18				27.89						
OREAS 13b (4-Acid) LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-004-564 Replicate Original																									
WD13-004-564 LABDUP																									
WD13-004-566 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.002	< 5	0.09	1.08	0.4	0.2	< 10													
WD13-004-566 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	5	0.08	1.08	0.4	0.1	< 10													
WD13-004-571 Replicate Original																									
WD13-004-571 LABDUP																									
WD13-004-574 Replicate Original																									
WD13-004-574 LABDUP																									
WD13-004-579 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.26	0.4	< 0.1	< 10													
WD13-004-579 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.04	1.19	0.4	< 0.1	< 10													
WD13-004-580 Replicate Original														45.39	22.12	6.88	0.087	8.76	12.75	1.29	0.14	0.10	0.01	0.010	2.74
WD13-004-580 LABDUP														45.32	22.06	6.88	0.090	8.72	12.66	1.35	0.12	0.10	0.01	0.010	2.74
WD13-004-581 Replicate Original																									
WD13-004-581 LABDUP																									
WD13-004-584 Replicate Original																									
WD13-004-584 LABDUP																									
WD13-004-590 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	0.67	0.4	< 0.1	< 10	50.70	9.98	10.18	0.188	13.63	11.03	1.34	0.50	0.33	0.04	0.028	1.97	
WD13-004-590 LABPREP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.65	0.3	< 0.1	< 10	50.54	10.59	10.12	0.196	13.77	10.93	1.53	0.48	0.30	0.03	0.033	1.73	
WD13-004-592 Replicate Original																									
WD13-004-592 LABDUP																									
WD13-004-593 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.90	0.4	< 0.1	< 10													
WD13-004-593 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.08	0.83	0.4	< 0.1	< 10													
WD13-004-594 Replicate Original																									
WD13-004-594 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 28 13:55:37	2013-03- 25 13:45:42	2013-04- 16 11:30:14	2013-04- 16 11:30:14	2013-04- 16 11:30:14

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.04			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
OREAS 13b (4-Acid) LABSTD									
CDN-PGMS-22 LABSTD						1190	5930	1370	
CDN-PGMS-22 LABSTD						1160	5780	1360	
CDN-PGMS-23 LABSTD						486	1960	452	
WD13-004-564 Replicate Original						< 0.01			
WD13-004-564 LABDUP						< 0.01			
WD13-004-566 Replicate Original									
WD13-004-566 LABDUP									
WD13-004-571 Replicate Original						< 1	4.8	2.4	
WD13-004-571 LABDUP						< 1	5.2	2.5	
WD13-004-574 Replicate Original						0.01			
WD13-004-574 LABDUP						< 0.01			
WD13-004-579 Replicate Original									
WD13-004-579 LABDUP									
WD13-004-580 Replicate Original	100.4	0.08	0.064	< 0.004	0.018				
WD13-004-580 LABDUP	100.2	0.07	0.064	0.004	0.018				
WD13-004-581 Replicate Original						< 1	2.1	1.5	
WD13-004-581 LABDUP						< 1	1.9	1.3	
WD13-004-584 Replicate Original						< 0.01			
WD13-004-584 LABDUP						< 0.01			
WD13-004-590 Split Original	100.1	0.12	0.024	0.005	< 0.004	< 0.01	< 1	2.0	1.3
WD13-004-590 LABPREP	100.4	0.12	0.021	0.007	< 0.004	< 0.01	< 1	2.4	1.7
WD13-004-592 Replicate Original						< 1	2.5	2.2	
WD13-004-592 LABDUP						< 1	2.3	3.0	
WD13-004-593 Replicate Original									
WD13-004-593 LABDUP									
WD13-004-594 Replicate Original						< 0.01			
WD13-004-594 LABDUP						< 0.01			



Date Submitted: 18-Mar-13
Invoice No.: A13-02959
Invoice Date: 04-Apr-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

7 Core samples and 3 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-02959**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written in a cursive style with several loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-02959

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	
WD13-004-596	4.5	< 0.1	28	0.009	> 10.0	0.01	0.01	< 0.02	20.4	< 0.1	3	1.5	450	0.08	0.4	3.2	1.18	17.4	< 0.02	< 0.1	0.5	< 0.1	0.5	153
WD13-004-597	9.3	0.2	5	0.364	1.58	4.93	0.12	0.10	3.13	5.7	58	83.0	521	3.64	15.8	186	93.8	44.0	8.16	< 0.1	4.6	0.3	4.2	67.5
WD13-004-598	11.5	0.3	5	0.156	0.84	2.01	0.17	0.08	1.29	6.7	72	38.2	558	3.47	9.0	32.2	44.0	47.9	5.92	< 0.1	4.6	0.2	5.9	68.4
WD13-004-599	8.1	0.1	3	0.451	1.78	2.84	0.15	0.03	2.39	8.2	52	204	307	2.06	16.3	64.5	13.0	20.7	5.30	< 0.1	0.3	< 0.1	7.1	118
WD13-004-600	4.3	0.1	5	0.680	1.33	3.63	0.22	< 0.02	2.74	7.5	53	221	226	1.46	10.9	54.2	13.8	13.1	5.86	< 0.1	0.4	< 0.1	8.2	156
WD13-004-601	4.8	0.1	4	0.565	1.31	3.26	0.21	0.03	2.60	6.9	49	209	224	1.49	11.7	53.9	13.3	13.1	5.19	< 0.1	0.6	< 0.1	8.3	141
WD13-004-602	4.4	0.2	4	0.600	1.29	3.33	0.22	< 0.02	2.65	7.1	50	213	223	1.41	11.1	53.6	13.6	12.4	5.30	< 0.1	0.4	< 0.1	8.5	141
WD13-004-603	5.1	0.2	6	0.651	1.56	3.47	0.22	< 0.02	2.88	8.6	58	243	261	1.58	12.6	58.3	14.6	16.8	5.89	< 0.1	0.3	< 0.1	8.4	158
WD13-004-604	5.7	0.1	4	0.531	1.52	3.10	0.20	< 0.02	2.59	7.9	51	220	251	1.66	13.2	56.6	13.3	16.8	5.15	< 0.1	0.2	< 0.1	7.2	131
WD13-004-605	2.7	< 0.1	4	0.763	2.69	> 10.0	0.05	0.13	7.15	2.7	19	157	360	3.55	28.7	511	199	24.7	10.6	< 0.1	2.9	0.7	1.4	86.1

Activation Laboratories Ltd. Report: A13-02959

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	
WD13-004-596	0.27	0.2	< 0.1	0.07	0.028	0.06	< 0.02	< 0.05	0.05	0.02	0.23	60.5	< 0.5	0.56	< 0.1	0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
WD13-004-597	6.97	5.5	< 0.1	9.05	0.126	0.11	0.03	1.79	0.85	0.24	0.38	86.0	5.3	14.0	1.5	6.67	1.6	0.5	1.6	0.3	1.6	0.3	0.9	0.1
WD13-004-598	9.09	6.3	0.2	7.39	0.093	0.10	0.02	1.21	0.50	0.04	0.42	122	6.8	13.9	1.9	8.22	1.9	0.5	2.1	0.3	2.1	0.4	1.2	0.2
WD13-004-599	2.36	2.0	< 0.1	0.20	0.028	0.02	< 0.02	0.08	< 0.02	< 0.02	3.96	54.9	2.6	5.48	0.7	2.88	0.6	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
WD13-004-600	1.61	2.2	< 0.1	0.17	0.016	0.02	< 0.02	0.12	0.02	< 0.02	0.83	69.2	1.9	3.40	0.4	1.79	0.4	0.2	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1
WD13-004-601	1.50	1.8	< 0.1	0.25	0.022	0.02	< 0.02	0.10	< 0.02	< 0.02	1.27	68.4	1.8	3.43	0.4	1.62	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-004-602	1.54	2.2	< 0.1	0.16	0.030	0.01	< 0.02	0.10	< 0.02	< 0.02	1.04	71.4	1.9	3.36	0.4	1.75	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-004-603	1.84	1.9	< 0.1	0.21	0.042	0.02	< 0.02	0.10	< 0.02	< 0.02	1.06	69.8	1.9	3.62	0.4	1.91	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-004-604	1.74	1.1	< 0.1	0.14	0.071	0.03	< 0.02	0.15	0.03	< 0.02	0.78	67.8	1.9	3.57	0.4	1.81	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1
WD13-004-605	0.85	0.1	< 0.1	7.42	0.205	0.05	< 0.02	1.53	0.73	0.59	0.14	19.8	1.5	6.43	0.3	0.95	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1

Activation Laboratories Ltd. Report: A13-02959

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Apr 4 2013 1:32PM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	
WD13-004-596	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.24	< 0.1	0.5	< 10	5.79	0.24	0.06	0.054	21.85	29.48	< 0.01	< 0.01	0.01	0.01	< 0.003	41.94
WD13-004-597	0.7	0.1	0.2	< 0.05	0.2	0.002	590	0.07	4.53	1.0	0.3	20	60.28	16.07	6.41	0.091	4.63	6.66	2.47	0.78	0.44	0.09	0.009	1.86
WD13-004-598	0.9	0.1	0.2	< 0.05	0.4	0.002	< 5	0.07	3.04	1.5	0.4	10	66.42	13.48	6.26	0.112	2.44	4.17	3.23	1.14	0.61	0.14	0.028	1.33
WD13-004-599	0.3	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	0.72	0.4	< 0.1	< 10	50.96	10.23	10.15	0.190	13.59	11.17	1.15	0.32	0.31	0.03	0.039	1.41
WD13-004-600	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.90	0.4	< 0.1	< 10	51.45	10.26	10.53	0.200	13.79	11.06	1.27	0.40	0.32	0.04	0.037	0.05
WD13-004-601	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.88	0.3	< 0.1	< 10	51.25	10.40	10.27	0.197	13.71	11.04	1.26	0.45	0.32	0.04	0.033	0.57
WD13-004-602	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.06	0.93	0.4	< 0.1	< 10	51.28	10.32	10.44	0.193	13.84	11.03	1.24	0.46	0.32	0.03	0.054	0.23
WD13-004-603	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.07	0.3	< 0.1	< 10	51.76	10.34	10.41	0.196	13.94	11.18	1.25	0.42	0.32	0.03	0.037	0.33
WD13-004-604	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.98	0.3	< 0.1	< 10	51.06	10.03	10.35	0.194	13.68	11.03	1.25	0.40	0.33	0.04	0.045	0.63
WD13-004-605	0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	2130	0.03	5.09	0.1	< 0.1	40	45.01	22.16	6.85	0.090	8.70	12.50	1.24	0.12	0.10	0.01	0.008	2.50

Activation Laboratories Ltd. Report: A13-02959

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS	FUS-XRF
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb	%
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt	Cr2O3
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 28 2013 7:10AM	Mar 25 2013 1:45PM	Apr 1 2013 1:40PM	Apr 1 2013 1:40PM	Apr 1 2013 1:40PM	4C (1-10)
WD13-004-596	99.43	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	0.2	
WD13-004-597	99.87	0.04	0.024	< 0.004	0.007	0.06	490	2010	459	
WD13-004-598	99.37	< 0.01	0.006	< 0.004	< 0.004	0.04	3	0.8	0.8	
WD13-004-599	99.69	0.12	0.019	0.005	< 0.004	< 0.01	< 1	2.3	1.6	
WD13-004-600	99.55	0.12	0.020	< 0.004	< 0.004	< 0.01	< 1	1.9	1.6	
WD13-004-601	99.68	0.11	0.024	< 0.004	< 0.004	< 0.01	< 1	2.0	1.5	
WD13-004-602	99.57	0.11	0.021	< 0.004	< 0.004	< 0.01	< 1	2.1	1.6	
WD13-004-603	100.4	0.12	0.024	0.004	< 0.004	< 0.01	< 1	2.1	1.6	
WD13-004-604	99.17	0.11	0.021	0.004	< 0.004	< 0.01	< 1	1.8	1.6	
WD13-004-605	99.45	0.08	0.064	< 0.004	0.018	0.10	1280	6200	1440	

Activation Laboratories Ltd. Report: A13-02959

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	

MICA-FE LABSTD																								
CHR-BKG LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD																								
AC-E LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-603 Replicate Original																								
WD13-004-603 LABDUP Replicate Original																								
WD13-004-604 Split Original	1.74	1.1	< 0.1	0.14	0.071	0.03	< 0.02	0.15	0.03	< 0.02	0.78	67.8	1.9	3.57	0.4	1.81	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1
WD13-004-604 LABDUP LABPREP	1.93	1.5	< 0.1	0.16	0.030	0.02	< 0.02	0.09	< 0.02	0.03	0.78	68.6	2.0	3.81	0.5	1.97	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1

Activation Laboratories Ltd. Report: A13-02959

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-04- 04 13:32:51	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32
MICA-FE LABSTD													34.28	19.55	25.68	0.348	4.59	0.40	0.35	8.82	2.49	0.42	0.026	
CHR-BKG LABSTD													15.22	12.98	13.85	0.142	23.50	0.06		0.14				
AN-G LABSTD													46.22	29.92	3.32	0.039	1.85	15.88	1.65	0.14	0.23	0.02	0.015	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD													70.29	14.75	2.45	0.062	0.06	0.36	6.58	4.50	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.55	2.18			27.89							
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-603 Replicate Original																								
WD13-004-603 LABDUP																								
WD13-004-604 Replicate Original																								
WD13-004-604 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.98	0.3	< 0.1	< 10	51.06	10.03	10.35	0.194	13.68	11.03	1.25	0.40	0.33	0.04	0.045	0.63
WD13-004-604 LABDUP																								
WD13-004-604 LABPREP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.84	0.3	< 0.1	< 10	51.66	10.27	10.50	0.198	14.01	11.15	1.27	0.42	0.33	0.04	0.043	0.75

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 28 07:10:32	2013-03- 25 13:45:42	2013-04- 01 13:40:47	2013-04- 01 13:40:47	2013-04- 01 13:40:47

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
CHR-BKG LABSTD		19.9	0.202	0.018	0.007				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.06			
LKSD-4 LABSTD						1.04			
LKSD-4 LABSTD						0.99			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.22	0.057	0.122				
CDN-PGMS-22 LABSTD							1250	5970	1390
CDN-PGMS-23 LABSTD							473	1930	450
WD13-004-603 Replicate Original						< 0.01			
WD13-004-603 LABDUP						< 0.01			
WD13-004-604 Replicate Original							< 1	1.9	1.6
WD13-004-604 Split Original	99.17	0.11	0.021	0.004	< 0.004	< 0.01	< 1	1.8	1.6
WD13-004-604 LABDUP							< 1	1.8	1.6
WD13-004-604 LABPREP	100.8	0.12	0.024	0.004	< 0.004	< 0.01	1	2.7	2.1



Date Submitted: 28-Mar-13
Invoice No.: A13-03433
Invoice Date: 03-Apr-13
Your Reference: Reassay of A13-02110

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

20 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-03433**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
+1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Method Code	FA-MS	FA-MS	FA-MS
Unit Symbol	ppb	ppb	ppb
Analyte Symbol	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Apr 3 2013 12:15PM	Apr 3 2013 12:15PM	Apr 3 2013 12:15PM

WD13-003-001	< 1	0.5	< 0.1
WD13-003-002	490	2040	455
WD13-003-003	3	0.9	0.5
WD13-003-004	1	7.4	7.8
WD13-003-005	2	9.8	11.5
WD13-003-006	2	8.5	9.8
WD13-003-007	1	11.7	13.5
WD13-003-008	< 1	7.5	8.9
WD13-003-009	< 1	4.7	7.0
WD13-003-010	3	4.1	5.5
WD13-003-011	1	8.1	10.0
WD13-003-012	< 1	8.6	9.9
WD13-003-013	< 1	10.6	10.8
WD13-003-014	< 1	9.9	10.0
WD13-003-015	2	11.5	12.1
WD13-003-016	2	9.7	10.4
WD13-003-017	1	6.3	6.6
WD13-003-018	2	6.3	6.6
WD13-003-019	2	6.6	7.1
WD13-003-020	1210	6320	1400

Quality Control			
Method Code	FA-MS	FA-MS	FA-MS
Unit Symbol	ppb	ppb	ppb
Analyte Symbol	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-04- 03 12:15:47	2013-04- 03 12:15:47	2013-04- 03 12:15:47

CDN-PGMS-23 LABSTD 463 1910 472



Date Submitted: 11-Apr-13
Invoice No.: A13-04099
Invoice Date: 01-May-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue,
Thunder Bay ON P7B 2R2 Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

20 Pulp samples were submitted for analysis.

The following analytical package was requested:

Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-
XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-04099**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or
+1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Method Code	FA-MS	FA-MS	FA-MS
Unit Symbol	ppb	ppb	ppb
Analyte Symbol	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	May 1 2013 2:08PM	May 1 2013 2:08PM	May 1 2013 2:08PM

WD13-004-491	< 1	< 0.1	0.2
WD13-004-492	479	2100	464
WD13-004-493	2	1.0	0.7
WD13-004-494	1	10.2	2.9
WD13-004-495	< 1	8.5	2.8
WD13-004-496	1	3.9	2.0
WD13-004-497	< 1	4.5	2.1
WD13-004-498	2	3.2	2.3
WD13-004-499	1	2.8	2.1
WD13-004-500	2	3.7	1.8
WD13-004-501	< 1	2.4	1.7
WD13-004-502	< 1	3.4	1.8
WD13-004-503	2	11.3	3.8
WD13-004-504	1	7.0	2.4
WD13-004-505	2	61.1	8.2
WD13-004-506	< 1	10.5	8.4
WD13-004-507	< 1	4.9	2.4
WD13-004-508	< 1	3.0	1.5
WD13-004-509	< 1	7.0	3.2
WD13-004-510	1370	6490	1340

Quality Control			
Method Code	FA-MS	FA-MS	FA-MS
Unit Symbol	ppb	ppb	ppb
Analyte Symbol	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-05- 01 14:08:08	2013-05- 01 14:08:08	2013-05- 01 14:08:08

CDN-PGMS-22 LABSTD	1350	6490	1440
CDN-PGMS-23 LABSTD	470	2150	445
WD13-004-501 Replicate Original	1	2.3	1.7
WD13-004-501 LABDUP	< 1	2.5	1.7



Date Submitted: 15-Apr-13
Invoice No.: A13-04218
Invoice Date: 15-May-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue,
Thunder Bay ON P7B 2R2 Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

14 Crushed Rock samples and 2 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-04218**

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Notes:

CERTIFIED BY :

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Emmanuel Esemé , Ph.D.
Quality Control

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E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com



Activation Laboratories Ltd. Report: A13-04218

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	
WD13-004-335R	3.3	< 0.1	4	0.757	3.08	> 10.0	0.06	0.12	7.62	3.1	16	150	327	3.32	30.8	547	210	25.5	10.2	< 0.1	3.1	0.4	1.5	81.8	
WD13-004-336	23.0	< 0.1	8	0.604	3.49	4.63	0.20	< 0.02	5.07	16.6	85	353	515	2.91	29.5	108	16.9	50.7	7.11	< 0.1	0.5	0.1	7.5	169	
WD13-004-337	30.3	< 0.1	8	0.600	3.82	4.63	0.22	< 0.02	4.39	18.5	91	395	473	3.23	31.6	117	10.1	48.2	6.92	< 0.1	0.4	0.1	8.7	188	
WD13-004-338	42.6	0.1	8	0.524	4.43	4.54	0.17	< 0.02	3.67	19.9	97	418	510	3.51	33.7	123	9.63	48.3	6.99	< 0.1	0.4	< 0.1	6.7	147	
WD13-004-339	17.3	< 0.1	7	0.504	2.72	3.87	0.19	< 0.02	3.76	12.6	66	257	400	2.46	21.3	82.4	12.2	29.6	5.67	< 0.1	0.4	< 0.1	7.4	132	
WD13-004-340	20.0	< 0.1	7	0.477	2.98	3.95	0.20	< 0.02	3.59	11.3	62	246	444	2.62	21.6	84.4	18.6	29.5	5.86	< 0.1	0.4	< 0.1	8.2	128	
WD13-004-341	10.9	< 0.1	8	0.559	1.83	4.03	0.23	< 0.02	3.76	10.6	59	207	268	1.68	14.4	63.6	11.6	16.2	5.56	< 0.1	0.4	< 0.1	8.7	155	
WD13-004-342	6.5	< 0.1	7	0.587	1.24	4.00	0.19	< 0.02	3.55	7.9	46	156	185	1.14	9.8	48.4	12.1	11.5	5.13	< 0.1	0.5	< 0.1	6.8	159	
WD13-004-343	11.7	< 0.1	8	0.608	2.02	4.40	0.21	< 0.02	4.15	10.7	58	218	306	1.74	14.6	65.3	12.5	22.6	6.03	< 0.1	0.3	< 0.1	7.3	165	
WD13-004-344	13.8	< 0.1	8	0.476	2.03	3.77	0.21	< 0.02	3.63	10.2	56	213	307	1.83	15.8	65.2	11.8	20.4	5.44	< 0.1	0.5	< 0.1	7.8	138	
WD13-004-345	27.0	< 0.1	8	0.226	3.66	3.11	0.17	0.06	3.53	13.8	73	326	548	3.11	28.3	110	23.7	100	5.89	< 0.1	0.3	< 0.1	6.8	67.7	
WD13-004-346	16.8	< 0.1	9	0.247	1.75	2.62	0.14	0.03	3.08	9.1	54	173	309	1.61	13.5	52.8	5.06	18.0	4.30	< 0.1	1.4	< 0.1	5.0	83.2	
WD13-004-347	20.8	< 0.1	9	0.388	2.36	3.45	0.18	< 0.02	3.84	12.4	68	238	382	2.14	18.6	72.3	7.59	26.8	5.47	< 0.1	0.5	< 0.1	6.3	117	
WD13-004-348	14.0	< 0.1	10	0.307	1.97	2.74	0.15	0.04	3.45	11.3	59	193	326	1.71	14.0	56.0	4.38	17.2	4.44	< 0.1	0.5	< 0.1	4.6	89.7	
WD13-004-349	19.0	< 0.1	7	0.304	2.37	3.03	0.17	0.04	3.72	12.9	69	241	395	2.12	17.9	69.6	6.05	20.8	5.09	< 0.1	0.4	< 0.1	5.8	101	
WD13-004-350R	3.3	< 0.1	4	0.737	2.99	> 10.0	0.06	0.10	7.71	3.0	16	150	318	3.24	30.0	531	207	24.9	10.1	< 0.1	3.0	0.4	1.5	80.0	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	
WD13-004-335R	0.97	0.3	< 0.1	7.83	0.203	0.02	< 0.02	1.54	1.01	0.51	0.15	22.8	1.5	6.54	0.2	0.91	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-004-336	3.04	2.4	< 0.1	0.44	0.145	0.10	< 0.02	0.14	< 0.02	< 0.02	1.83	59.3	2.4	4.24	0.5	2.17	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-004-337	3.09	3.1	< 0.1	0.40	0.211	0.08	< 0.02	0.05	< 0.02	< 0.02	2.62	64.7	2.2	4.15	0.5	2.14	0.5	0.3	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-338	3.19	3.2	< 0.1	0.19	0.116	0.06	< 0.02	0.10	< 0.02	< 0.02	1.21	55.2	2.0	4.18	0.5	2.26	0.5	0.3	0.6	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-339	2.35	1.9	< 0.1	0.13	0.059	0.05	< 0.02	< 0.05	< 0.02	< 0.02	1.26	54.7	1.9	3.50	0.4	1.74	0.4	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-340	2.10	2.0	< 0.1	0.09	0.062	0.03	< 0.02	0.10	< 0.02	< 0.02	1.26	60.9	1.8	3.23	0.4	1.52	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1	
WD13-004-341	2.31	1.9	< 0.1	0.14	0.043	< 0.01	< 0.02	0.06	< 0.02	< 0.02	0.83	69.1	1.7	3.39	0.4	1.68	0.4	0.2	0.4	< 0.1	0.5	< 0.1	0.3	< 0.1	
WD13-004-342	1.76	1.3	< 0.1	0.07	0.063	< 0.01	< 0.02	0.11	< 0.02	< 0.02	0.59	63.0	1.5	2.79	0.3	1.32	0.3	0.2	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-004-343	2.16	1.6	< 0.1	0.13	0.044	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	0.71	63.3	1.7	3.20	0.4	1.57	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1	
WD13-004-344	2.25	1.5	< 0.1	0.26	0.040	< 0.01	< 0.02	0.10	< 0.02	< 0.02	0.90	59.6	1.7	3.28	0.4	1.69	0.4	0.2	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1	
WD13-004-345	3.00	2.4	< 0.1	0.32	0.052	0.13	< 0.02	< 0.05	< 0.02	< 0.02	0.91	42.4	1.8	3.74	0.5	2.12	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-346	2.98	1.6	< 0.1	0.52	0.087	< 0.01	< 0.02	0.07	< 0.02	< 0.02	0.70	31.4	1.6	3.32	0.5	1.99	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-347	3.40	2.1	< 0.1	0.21	0.067	< 0.01	< 0.02	< 0.05	< 0.02	< 0.02	0.87	45.8	1.8	3.90	0.5	2.27	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-348	3.09	1.5	< 0.1	0.12	0.062	< 0.01	< 0.02	0.10	< 0.02	< 0.02	1.05	32.1	1.6	3.51	0.5	2.02	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1	
WD13-004-349	3.62	1.9	< 0.1	0.16	0.057	< 0.01	< 0.02	0.07	< 0.02	< 0.02	0.81	38.3	1.8	3.90	0.5	2.36	0.6	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-004-350R	0.93	< 0.1	< 0.1	7.36	0.190	< 0.01	< 0.02	1.44	0.86	0.36	0.13	21.2	1.4	6.00	0.2	0.81	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 29 2013 10:51AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	
WD13-004-335R	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	1070	0.03	5.82	0.2	< 0.1	30	45.08	22.00	7.00	0.080	8.60	12.80	1.21	0.11	0.09	0.01	0.014	2.45
WD13-004-336	0.3	< 0.1	< 0.1	< 0.05	0.7	< 0.001	< 5	0.21	23.0	0.3	0.1	< 10	48.36	11.30	8.93	0.170	11.90	13.10	1.49	0.51	0.32	0.02	0.046	4.23
WD13-004-337	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.27	22.6	0.3	0.1	< 10	48.37	11.50	9.06	0.160	12.00	12.50	1.53	0.56	0.35	0.04	0.046	3.78
WD13-004-338	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	24.4	0.4	0.1	< 10	49.35	11.90	8.91	0.150	12.30	11.40	1.59	0.55	0.34	0.03	0.043	3.53
WD13-004-339	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	9.44	0.3	< 0.1	< 10	49.26	11.00	9.66	0.190	12.50	12.60	1.40	0.53	0.32	0.03	0.042	2.91
WD13-004-340	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	4.80	0.3	< 0.1	< 10	49.81	10.90	9.68	0.190	12.50	12.00	1.41	0.60	0.33	0.03	0.043	2.38
WD13-004-341	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.64	0.3	< 0.1	< 10	50.02	11.10	9.65	0.180	12.30	12.10	1.38	0.60	0.31	0.02	0.047	0.85
WD13-004-342	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	0.75	0.2	< 0.1	< 10	51.24	11.00	10.00	0.180	12.60	12.50	1.33	0.45	0.32	0.02	0.039	0.21
WD13-004-343	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	3.22	0.2	< 0.1	< 10	50.58	11.20	9.94	0.180	12.70	12.30	1.39	0.52	0.32	0.02	0.048	0.93
WD13-004-344	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	23	0.13	4.46	0.2	< 0.1	< 10	50.47	11.30	9.78	0.180	12.50	12.00	1.38	0.65	0.32	0.03	0.035	1.31
WD13-004-345	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.11	18.9	0.3	< 0.1	< 10	48.12	10.40	9.86	0.200	13.20	12.30	1.46	0.65	0.35	0.02	0.050	3.32
WD13-004-346	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.06	2.50	0.4	0.1	< 10	50.41	11.10	9.50	0.190	12.30	11.80	1.55	0.64	0.30	0.02	0.038	1.98
WD13-004-347	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	3.50	0.4	< 0.1	< 10	49.90	10.90	9.54	0.180	12.40	12.10	1.39	0.57	0.31	0.02	0.048	1.98
WD13-004-348	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.06	1.90	0.3	0.1	< 10	50.59	11.30	9.46	0.180	12.30	12.10	1.67	0.57	0.29	0.02	0.037	1.97
WD13-004-349	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.71	0.3	< 0.1	< 10	49.69	10.90	9.71	0.180	12.80	12.00	1.58	0.55	0.31	0.02	0.043	2.04
WD13-004-350R	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	522	0.03	5.24	0.2	< 0.1	30	45.10	21.95	6.99	0.080	8.57	12.80	1.24	0.12	0.09	< 0.01	0.010	2.51

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 28 2013 9:57AM	Apr 26 2013 5:37PM	Apr 29 2013 3:11PM	Apr 29 2013 3:11PM	Apr 29 2013 3:11PM
WD13-004-335R	99.62	0.07	0.068	0.004	0.019	0.11	1120	6050	1430
WD13-004-336	100.5	0.10	0.028	0.006	< 0.004	< 0.01	2	2.9	1.2
WD13-004-337	100.4	0.21	0.229	0.012	< 0.004	< 0.01	< 1	2.4	1.9
WD13-004-338	100.2	0.10	0.019	< 0.004	< 0.004	< 0.01	< 1	2.7	1.3
WD13-004-339	100.6	0.11	0.038	0.007	< 0.004	< 0.01	< 1	1.8	1.1
WD13-004-340	99.94	0.09	0.019	0.008	< 0.004	< 0.01	< 1	1.7	0.8
WD13-004-341	98.61	0.09	0.017	0.005	< 0.004	< 0.01	< 1	2.1	1.2
WD13-004-342	99.91	0.10	0.024	0.007	0.004	< 0.01	< 1	2.0	1.1
WD13-004-343	100.2	0.10	0.029	0.007	< 0.004	< 0.01	< 1	1.9	1.2
WD13-004-344	100.1	0.11	0.025	0.008	< 0.004	< 0.01	< 1	1.7	1.1
WD13-004-345	100.1	0.10	0.020	0.004	< 0.004	0.02	< 1	3.2	1.6
WD13-004-346	99.96	0.09	0.017	0.007	< 0.004	< 0.01	< 1	3.4	1.4
WD13-004-347	99.35	0.10	0.017	0.007	< 0.004	< 0.01	< 1	1.9	1.0
WD13-004-348	100.7	0.12	0.065	0.008	< 0.004	< 0.01	< 1	2.2	1.1
WD13-004-349	99.94	0.10	0.031	0.004	< 0.004	< 0.01	2	2.9	1.1
WD13-004-350R	99.60	0.06	0.065	0.004	0.018	0.10	1180	5810	1260

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	

MICA-FE LABSTD																										
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Replicate Original																										
WD13-004-341 LABDUP																										
WD13-004-344																										
Replicate Original																										
WD13-004-344 LABDUP																										
WD13-004-349 Split	19.0	< 0.1	7	0.304	2.37	3.03	0.17	0.04	3.72	12.9	69	241	395	2.12	17.9	69.6	6.05	20.8	5.09	< 0.1	0.4	< 0.1	5.8	101		
Original																										
WD13-004-349 LABPREP	19.5	< 0.1	7	0.308	2.40	3.07	0.17	0.04	3.74	12.9	70	241	394	2.12	17.7	70.3	5.80	20.9	5.09	< 0.1	0.4	< 0.1	5.7	98.0		
WD13-004-350R	3.3	< 0.1	4	0.746	3.03	> 10.0	0.06	0.10	7.67	3.2	16	152	326	3.31	30.5	542	210	25.7	10.3	< 0.1	3.0	0.5	1.6	81.7		
Replicate Original																										
WD13-004-350R LABDUP	3.2	< 0.1	4	0.729	2.96	> 10.0	0.06	0.10	7.74	2.9	16	148	311	3.18	29.4	519	203	24.1	9.98	< 0.1	2.9	0.3	1.5	78.3		

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	
Date Analyzed	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	2013-04- 29 10:51:35	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-004-341

Replicate Original

WD13-004-341 LABDUP

WD13-004-344

Replicate Original

WD13-004-344 LABDUP

WD13-004-349 Split

Original

WD13-004-349

LABPREP

WD13-004-350R

Replicate Original

WD13-004-350R

LABDUP

3.62	1.9	< 0.1	0.16	0.057	< 0.01	< 0.02	0.07	< 0.02	< 0.02	0.81	38.3	1.8	3.90	0.5	2.36	0.6	0.3	0.7	0.1	0.7	0.1	0.4	< 0.1
3.56	1.8	< 0.1	0.17	0.065	< 0.01	< 0.02	0.06	< 0.02	< 0.02	0.81	38.8	1.8	3.82	0.5	2.33	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
0.96	0.2	< 0.1	7.61	0.195	0.02	< 0.02	1.48	0.88	0.41	0.14	21.0	1.4	6.18	0.2	0.83	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1
0.91	< 0.1	< 0.1	7.11	0.184	< 0.01	< 0.02	1.40	0.83	0.32	0.13	21.3	1.4	5.83	0.2	0.78	0.1	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1

Activation Laboratories Ltd. Report: A13-04218

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-29 10:51:35	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04	2013-04-28 09:57:04

MICA-FE LABSTD														34.45	19.50	25.60	0.350	4.52	0.42	0.35	8.80	2.51	0.42	0.026
AN-G LABSTD														46.28	29.80	3.35	0.040	1.82	15.90	1.63	0.14	0.23	0.02	0.013
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														32.41	10.10	12.90	0.200	13.20	13.90	3.20	1.41	2.63	1.08	0.042
AC-E LABSTD														70.28	14.80	2.55	0.060	0.06	0.36	6.48	4.51	0.12		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-004-341																								
Replicate Original																								
WD13-004-341 LABDUP																								
WD13-004-344																								
Replicate Original																								
WD13-004-344 LABDUP																								
WD13-004-349 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.71	0.3	< 0.1	< 10	49.69	10.90	9.71	0.180	12.80	12.00	1.58	0.55	0.31	0.02	0.043	2.04
WD13-004-349 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.78	0.3	< 0.1	< 10	49.43	10.90	9.74	0.190	12.70	12.10	1.60	0.55	0.31	0.02	0.040	2.08
WD13-004-350R	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	646	0.03	5.25	0.3	< 0.1	40	45.02	22.00	7.01	0.080	8.56	12.80	1.28	0.12	0.09	< 0.01	0.010	2.51
Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	397	0.03	5.23	0.2	< 0.1	30	45.19	21.90	6.98	0.080	8.57	12.80	1.19	0.12	0.09	0.01	0.011	2.52
WD13-004-350R LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	397	0.03	5.23	0.2	< 0.1	30	45.19	21.90	6.98	0.080	8.57	12.80	1.19	0.12	0.09	0.01	0.011	2.52

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)	LDI- Greenfield s PGE (MS)
Date Analyzed	2013-04- 28 09:57:04	2013-04- 28 09:57:04	2013-04- 28 09:57:04	2013-04- 28 09:57:04	2013-04- 28 09:57:04	2013-04- 26 17:37:18	2013-04- 26 13:46:02	2013-04- 26 13:46:02	2013-04- 26 13:46:02

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						1.10			
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						0.97			
BE-N LABSTD		0.04	0.024	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.2			
CDN-PGMS-22 LABSTD							1230	5930	1350
CDN-PGMS-22 LABSTD							1230	5930	1350
CDN-PGMS-22 LABSTD							1230	5930	1350
CDN-PGMS-23 LABSTD							492	1930	454
CDN-PGMS-23 LABSTD							492	1930	454
CDN-PGMS-23 LABSTD							492	1930	454
WD13-004-341 Replicate Original							< 1	2.3	1.2
WD13-004-341 LABDUP							< 1	1.9	1.1
WD13-004-344 Replicate Original						< 0.01			
WD13-004-344 LABDUP						< 0.01			
WD13-004-349 Split Original	99.94	0.10	0.031	0.004	< 0.004	< 0.01	2	2.9	1.1
WD13-004-349 LABPREP	99.75	0.15	0.031	0.007	< 0.004	< 0.01	< 1	1.9	0.9
WD13-004-350R Replicate Original	99.65	0.06	0.065	0.005	0.018				
WD13-004-350R LABDUP	99.55	0.06	0.066	0.004	0.018				



Date Submitted: 18-Apr-13
Invoice No.: A13-04377
Invoice Date: 07-May-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

66 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-04377**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-04377

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay
Date Analyzed	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM
WD13-002-049	7.2	< 0.1	6	0.194	2.72	1.69	0.16	0.05	3.98	22.9	116	234	460	2.60	22.6	81.8	21.9	25.1	4.07	< 0.1	0.5	0.3	5.0	51.0		
WD13-002-050	10.1	< 0.1	6	0.214	2.76	1.91	0.17	0.04	3.95	21.9	114	229	463	2.59	22.1	83.1	20.6	27.8	4.16	< 0.1	0.3	0.1	5.0	52.8		
WD13-002-051	13.9	< 0.1	6	0.194	2.85	1.88	0.16	0.03	3.87	21.8	113	232	463	2.71	23.4	88.1	28.1	27.5	4.24	< 0.1	0.2	0.2	4.9	48.5		
WD13-002-052	16.8	< 0.1	6	0.190	2.92	2.09	0.14	< 0.02	3.40	18.4	94	209	434	2.68	23.9	90.7	38.0	27.9	4.25	< 0.1	0.4	0.2	5.4	56.6		
WD13-002-053	10.6	< 0.1	6	0.220	2.71	2.04	0.16	< 0.02	3.63	19.8	99	216	416	2.42	21.8	89.8	46.5	24.6	4.16	< 0.1	0.2	0.2	6.8	64.5		
WD13-002-054	9.2	< 0.1	6	0.218	2.07	2.06	0.15	< 0.02	3.24	15.8	83	168	321	1.93	17.4	72.2	45.6	18.5	3.83	< 0.1	0.3	0.3	6.3	71.6		
WD13-002-055	12.0	< 0.1	7	0.221	2.78	2.15	0.15	< 0.02	3.77	20.6	105	223	432	2.59	23.5	92.8	47.6	24.5	4.32	< 0.1	0.3	0.2	6.2	63.8		
WD13-002-056	6.4	0.1	4	0.147	2.33	1.32	0.13	0.06	3.39	20.1	106	208	419	2.25	19.8	76.1	25.0	27.9	3.69	< 0.1	0.3	0.2	3.0	35.0		
WD13-002-057	22.0	0.2	14	0.474	1.45	4.84	0.21	< 0.02	4.88	7.8	50	121	295	1.83	16.2	61.7	9.87	18.4	8.44	< 0.1	0.3	< 0.1	8.4	217		
WD13-002-058	29.9	< 0.1	10	0.459	2.35	4.92	0.18	< 0.02	4.30	8.1	46	135	402	3.01	29.9	117	3.66	31.9	8.25	< 0.1	0.2	0.2	7.3	176		
WD13-002-059	27.4	0.2	13	0.491	2.14	5.44	0.24	< 0.02	4.52	7.2	48	139	392	2.94	26.7	104	16.1	31.4	9.14	< 0.1	0.2	< 0.1	10.6	185		
WD13-002-060	2.5	< 0.1	4	0.676	2.61	> 10.0	0.06	0.09	7.35	2.5	18	158	287	3.16	28.8	483	200	24.5	10.1	< 0.1	2.5	0.6	1.3	77.8		
WD13-002-061	25.8	0.1	8	0.337	4.12	4.08	0.17	< 0.02	3.49	8.2	50	309	586	5.28	55.5	239	13.5	42.2	6.89	< 0.1	0.2	0.2	6.0	122		
WD13-002-062	27.4	0.2	10	0.440	3.20	4.59	0.20	< 0.02	3.45	6.4	45	187	466	3.98	39.9	170	21.1	35.1	7.77	< 0.1	0.3	< 0.1	7.6	152		
WD13-002-063	13.7	< 0.1	8	0.580	3.37	5.09	0.15	< 0.02	3.97	8.1	73	546	492	4.30	42.3	256	192	27.4	8.11	< 0.1	0.3	0.2	4.1	200		
WD13-002-064	18.9	0.2	10	0.650	3.76	> 10.0	0.18	< 0.02	3.85	3.9	47	254	544	5.19	53.6	282	27.1	32.1	8.88	< 0.1	0.4	0.1	5.0	234		
WD13-002-065	31.1	0.1	14	0.471	3.46	> 10.0	0.18	< 0.02	4.36	5.6	63	336	466	4.52	47.9	217	39.2	37.1	9.85	< 0.1	0.3	< 0.1	7.1	171		
WD13-002-066	30.6	0.2	20	0.448	2.27	> 10.0	0.25	< 0.02	4.99	5.6	36	161	330	2.38	22.3	87.9	17.8	27.1	9.52	< 0.1	0.1	< 0.1	10.6	198		
WD13-002-067	22.0	< 0.1	14	0.309	2.25	4.26	0.26	< 0.02	4.05	10.8	58	141	328	2.20	22.3	86.6	48.3	23.5	6.69	< 0.1	0.2	< 0.1	10.8	134		
WD13-002-068	28.0	< 0.1	15	0.186	1.49	3.92	0.28	< 0.02	3.96	6.8	46	98.6	267	1.63	14.3	44.5	16.4	18.7	6.31	< 0.1	< 0.1	< 0.1	13.1	121		
WD13-002-069	28.3	< 0.1	17	0.317	1.59	4.69	0.32	0.03	4.27	7.5	47	84.6	286	1.82	16.6	55.5	6.42	19.6	6.83	< 0.1	< 0.1	< 0.1	15.0	160		
WD13-002-070	39.4	< 0.1	8	0.141	4.19	3.98	0.13	0.04	2.32	6.5	49	172	490	5.07	57.7	233	7.02	49.1	6.14	< 0.1	< 0.1	< 0.1	5.6	60.0		

Activation Laboratories Ltd. Report: A13-04377

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Pm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	
WD13-002-049	5.01	3.3	< 0.1	0.29	0.063	< 0.01	< 0.02	0.19	< 0.02	0.04	0.45	45.2	1.5	3.78	0.6	2.72	0.8	0.3	1.0	0.2	1.0	0.2	0.6	0.6	< 0.1	
WD13-002-050	4.69	3.0	< 0.1	0.19	0.044	< 0.01	< 0.02	0.16	< 0.02	0.09	0.55	38.7	1.5	3.75	0.6	2.74	0.8	0.3	0.9	0.2	0.9	0.2	0.5	< 0.1		
WD13-002-051	4.54	2.9	< 0.1	0.15	0.042	< 0.01	< 0.02	0.13	< 0.02	< 0.02	0.49	37.0	1.5	3.66	0.6	2.61	0.7	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1		
WD13-002-052	3.35	1.8	< 0.1	0.12	0.031	< 0.01	< 0.02	0.13	< 0.02	0.07	0.62	41.1	1.1	2.59	0.4	1.84	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1		
WD13-002-053	3.68	1.9	< 0.1	0.11	0.025	< 0.01	< 0.02	0.10	< 0.02	0.09	0.81	49.9	1.2	2.77	0.4	2.01	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1		
WD13-002-054	3.13	2.0	< 0.1	0.09	0.039	< 0.01	< 0.02	0.14	< 0.02	0.10	0.73	47.1	1.0	2.42	0.4	1.73	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1		
WD13-002-055	3.82	3.0	< 0.1	0.09	0.110	< 0.01	< 0.02	0.10	< 0.02	0.08	0.81	45.3	1.2	2.81	0.4	2.09	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1		
WD13-002-056	4.95	3.6	< 0.1	0.20	0.043	< 0.01	< 0.02	0.20	< 0.02	0.15	0.22	20.2	1.4	3.57	0.6	2.78	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1		
WD13-002-057	2.70	1.5	< 0.1	0.19	0.025	< 0.01	< 0.02	0.11	< 0.02	0.09	1.30	71.5	1.3	2.87	0.4	1.78	0.4	0.3	0.5	< 0.1	0.5	0.1	0.3	< 0.1		
WD13-002-058	2.32	0.7	< 0.1	0.16	0.010	< 0.01	< 0.02	0.09	< 0.02	0.12	0.87	63.9	1.5	3.02	0.4	1.73	0.4	0.3	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-002-059	2.42	0.8	< 0.1	0.30	0.014	< 0.01	< 0.02	0.09	< 0.02	0.07	1.00	89.3	2.4	4.79	0.6	2.32	0.4	0.3	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-002-060	0.83	< 0.1	< 0.1	6.97	0.155	< 0.01	< 0.02	1.24	0.64	0.48	0.12	18.3	1.3	5.16	0.2	0.71	< 0.1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1		
WD13-002-061	1.82	0.6	< 0.1	0.21	0.045	< 0.01	< 0.02	0.09	< 0.02	0.12	0.75	58.3	1.4	2.68	0.3	1.37	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-062	1.95	1.6	< 0.1	0.19	0.044	< 0.01	< 0.02	0.11	< 0.02	0.08	0.99	91.1	2.1	3.99	0.5	1.82	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-063	1.52	0.7	< 0.1	0.09	0.087	< 0.01	< 0.02	0.07	< 0.02	0.04	1.21	67.8	1.4	2.55	0.3	1.25	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-064	1.01	0.3	< 0.1	0.13	0.037	< 0.01	< 0.02	0.09	< 0.02	0.07	1.61	89.8	1.7	3.13	0.4	1.34	0.2	0.3	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		
WD13-002-065	1.31	0.3	< 0.1	0.06	0.047	< 0.01	< 0.02	0.06	< 0.02	< 0.02	1.08	176	1.7	3.20	0.4	1.41	0.2	0.3	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1		
WD13-002-066	1.19	0.3	< 0.1	0.04	0.032	< 0.01	< 0.02	0.06	< 0.02	0.02	1.22	180	1.5	2.80	0.3	1.20	0.2	0.3	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		
WD13-002-067	2.26	0.9	< 0.1	0.07	0.028	< 0.01	< 0.02	0.06	< 0.02	0.04	1.28	122	1.1	2.43	0.3	1.52	0.4	0.2	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-002-068	1.85	0.7	< 0.1	0.36	0.034	< 0.01	< 0.02	0.07	< 0.02	< 0.02	1.05	104	1.4	2.43	0.3	1.30	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-069	1.67	0.4	< 0.1	4.90	0.017	< 0.01	< 0.02	0.05	< 0.02	< 0.02	1.57	203	0.8	1.53	0.2	1.00	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-070	1.05	0.4	< 0.1	0.14	0.019	< 0.01	< 0.02	0.05	< 0.02	< 0.02	0.59	33.4	0.9	1.58	0.2	0.85	0.2	0.1	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 6 2013 10:09PM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	
WD13-002-049	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	51	0.02	1.05	0.3	0.1	< 10	49.95	6.86	10.29	0.215	14.53	14.68	0.96	0.36	0.37	0.02	0.049	1.84
WD13-002-050	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	20	0.03	0.95	0.2	0.1	< 10	50.19	7.00	10.10	0.208	14.16	14.53	0.99	0.40	0.35	0.02	0.049	1.89
WD13-002-051	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.11	0.2	< 0.1	< 10	49.24	7.26	10.27	0.214	14.61	14.91	0.96	0.40	0.36	0.02	0.049	1.80
WD13-002-052	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.04	1.20	0.1	< 0.1	< 10	50.19	7.70	10.08	0.205	14.32	14.57	0.89	0.44	0.34	0.02	0.049	1.82
WD13-002-053	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.05	1.41	0.1	< 0.1	< 10	49.43	7.38	10.47	0.209	14.85	14.61	0.84	0.41	0.36	0.02	0.046	1.15
WD13-002-054	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.05	0.78	0.1	< 0.1	< 10	49.56	7.82	10.16	0.207	14.39	14.84	0.86	0.47	0.36	0.02	0.047	1.13
WD13-002-055	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	7	0.06	0.82	0.2	< 0.1	< 10	50.15	7.35	10.20	0.208	14.56	15.07	0.81	0.40	0.36	0.02	0.050	1.47
WD13-002-056	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.02	1.85	0.2	0.2	< 10	50.55	6.28	10.37	0.209	14.26	14.70	0.95	0.34	0.36	0.02	0.053	1.99
WD13-002-057	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5	0.05	1.86	0.2	< 0.1	< 10	49.11	16.02	7.86	0.140	9.15	12.85	1.81	0.75	0.22	0.01	0.026	2.39
WD13-002-058	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.04	1.61	< 0.1	< 0.1	< 10	46.78	15.57	10.05	0.167	10.63	11.46	1.56	0.59	0.23	0.01	0.023	2.72
WD13-002-059	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.06	1.55	0.3	< 0.1	< 10	47.60	16.42	9.52	0.155	9.66	11.21	1.83	0.82	0.26	0.03	0.022	2.58
WD13-002-060	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	137	0.02	4.37	0.1	< 0.1	40	45.16	22.51	7.03	0.082	8.73	12.93	1.28	0.12	0.10	0.01	0.007	2.55
WD13-002-061	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.08	1.26	0.1	< 0.1	< 10	44.29	11.95	13.97	0.204	15.22	9.87	1.01	0.45	0.21	0.02	0.018	2.75
WD13-002-062	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.09	2.28	0.3	0.1	< 10	46.65	14.67	11.50	0.175	12.25	9.29	1.70	0.72	0.26	0.03	0.021	2.73
WD13-002-063	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	12	0.05	0.91	< 0.1	< 0.1	< 10	46.11	12.95	12.74	0.187	13.48	10.64	1.22	0.32	0.33	0.01	0.038	1.45
WD13-002-064	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.07	0.83	0.2	< 0.1	< 10	45.84	14.89	13.44	0.174	13.94	7.95	1.35	0.41	0.23	0.02	0.020	2.34
WD13-002-065	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	0.78	< 0.1	< 0.1	< 10	45.08	15.91	11.39	0.173	11.79	10.16	1.25	0.59	0.25	0.01	0.029	3.75
WD13-002-066	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	0.88	< 0.1	< 0.1	< 10	47.28	18.50	8.32	0.142	9.48	10.79	1.72	1.17	0.19	0.01	0.019	2.89
WD13-002-067	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.66	< 0.1	< 0.1	< 10	48.89	13.19	8.71	0.166	11.70	12.25	1.26	0.86	0.25	< 0.01	0.027	2.90
WD13-002-068	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	1.67	< 0.1	< 0.1	< 10	49.23	16.95	7.22	0.142	8.93	11.67	1.93	1.29	0.20	0.01	0.023	3.06
WD13-002-069	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	1.34	< 0.1	< 0.1	< 10	48.08	17.51	7.39	0.144	9.02	11.49	1.82	1.31	0.17	< 0.01	0.018	2.85
WD13-002-070	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.22	< 0.1	< 0.1	< 10	44.04	11.61	13.97	0.200	15.74	9.28	0.58	0.44	0.16	0.01	0.017	4.14

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 2 2013 5:29PM	May 6 2013 9:35AM	May 6 2013 9:35AM	May 6 2013 9:35AM
WD13-002-001	99.91	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.2	0.1
WD13-002-002	100.4	0.12	0.027	0.004	0.012	0.05	437	2060	479
WD13-002-003	100.1	0.04	0.004	< 0.004	< 0.004	0.04	2	1.4	0.9
WD13-002-004	100.6	0.07	0.052	0.012	0.004	0.03	7	98.7	58.8
WD13-002-005	99.81	0.07	0.058	0.008	0.005	0.03	8	99.1	62.8
WD13-002-006	100.3	0.08	0.071	0.005	0.008	0.03	6	84.5	55.1
WD13-002-007	99.15	0.06	0.031	< 0.004	< 0.004	0.03	9	89.2	60.3
WD13-002-008	100.5	0.06	0.024	0.006	< 0.004	0.05	4	82.8	55.6
WD13-002-009	100.4	0.06	0.030	< 0.004	0.005	0.04	6	80.0	50.9
WD13-002-010	99.34	0.06	0.042	0.007	< 0.004	0.03	7	86.0	54.9
WD13-002-011	100.2	0.08	0.059	0.004	< 0.004	0.03	5	83.0	54.4
WD13-002-012	100.7	0.05	0.016	< 0.004	< 0.004	0.02	5	81.2	53.7
WD13-002-013	100.6	0.08	0.047	0.006	0.004	0.02	5	84.5	54.6
WD13-002-014	100.2	0.10	0.057	0.007	< 0.004	0.01	6	84.3	58.2
WD13-002-015	100.5	0.06	0.035	0.009	< 0.004	0.02	10	81.7	57.6
WD13-002-016	100.5	0.06	0.038	0.004	< 0.004	< 0.01	8	78.5	50.6
WD13-002-017	100.5	0.06	0.020	0.007	< 0.004	0.02	5	76.1	41.4
WD13-002-018	100.6	0.05	0.024	0.007	< 0.004	0.05	8	90.4	52.4
WD13-002-019	99.61	0.05	0.024	0.008	< 0.004	0.05	3	80.9	51.2
WD13-002-020	100.1	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	1.1	0.9
WD13-002-021	99.23	0.05	0.031	0.006	< 0.004	0.05	2	76.9	46.3
WD13-002-022	100.3	0.06	0.025	0.008	< 0.004	0.04	6	87.5	52.9
WD13-002-023	100.4	0.05	0.023	0.004	0.004	0.03	9	91.7	56.7
WD13-002-024	99.84	0.05	0.027	0.005	< 0.004	0.03	6	89.9	58.5
WD13-002-025	100.1	0.05	0.030	0.004	< 0.004	0.03	7	101	59.2
WD13-002-026	99.66	0.06	0.022	0.007	< 0.004	0.06	6	101	60.0
WD13-002-027	100.2	0.05	0.020	< 0.004	< 0.004	0.03	7	89.7	56.1
WD13-002-028	99.93	0.06	0.020	0.009	< 0.004	0.03	6	85.6	48.4
WD13-002-029	99.79	0.05	0.020	0.004	< 0.004	0.02	4	80.9	50.9
WD13-002-030	99.81	0.06	0.030	0.007	< 0.004	0.03	5	82.2	47.7
WD13-002-031	100.0	0.06	0.024	0.004	< 0.004	0.03	6	85.9	49.3
WD13-002-032	99.99	0.05	0.028	0.008	< 0.004	0.03	6	71.4	40.9
WD13-002-033	99.93	0.08	0.055	0.007	< 0.004	0.03	5	71.4	38.8
WD13-002-034	100.5	0.06	0.024	0.006	< 0.004	< 0.01	8	84.5	46.1
WD13-002-035	99.32	0.06	0.024	0.008	< 0.004	< 0.01	5	79.5	44.2
WD13-002-036	99.47	0.05	0.019	0.009	< 0.004	< 0.01	6	83.4	46.0
WD13-002-037	99.31	0.05	0.021	0.006	0.006	0.03	6	82.6	46.7
WD13-002-038	100.2	0.07	0.032	0.007	< 0.004	0.03	7	81.0	46.8
WD13-002-039	99.83	0.06	0.022	0.006	< 0.004	0.03	7	78.4	45.5
WD13-002-040	99.39	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.1	0.1
WD13-002-041	100.3	0.12	0.086	0.007	< 0.004	0.03	7	72.3	41.7
WD13-002-042	100.0	0.08	0.102	0.005	0.004	0.02	10	83.0	48.3
WD13-002-043	99.88	0.20	0.173	0.010	< 0.004	< 0.01	6	73.3	42.3
WD13-002-044	100.0	0.06	0.020	0.004	< 0.004	0.02	5	77.1	45.6
WD13-002-045	100.1	0.06	0.028	0.004	< 0.004	0.03	7	83.2	46.7
WD13-002-046	100.6	0.06	0.038	0.006	< 0.004	0.04	5	77.4	44.6
WD13-002-047	99.87	0.05	0.021	< 0.004	< 0.004	< 0.01	6	81.8	51.7
WD13-002-048	100.2	0.07	0.163	0.011	0.005	0.06	5	78.6	47.6

Activation Laboratories Ltd. Report: A13-04377

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 1 2013 11:51AM	May 2 2013 5:29PM	May 6 2013 9:35AM	May 6 2013 9:35AM	May 6 2013 9:35AM
WD13-002-049	100.2	0.06	0.028	0.008	0.004	0.04	2	52.6	33.8
WD13-002-050	99.97	0.06	0.022	0.009	< 0.004	0.03	3	77.1	47.3
WD13-002-051	100.3	0.08	0.087	0.007	0.004	0.02	4	89.0	51.5
WD13-002-052	100.7	0.06	0.024	0.007	0.004	0.03	7	89.6	51.8
WD13-002-053	99.87	0.06	0.022	0.007	< 0.004	0.03	7	87.9	47.2
WD13-002-054	99.95	0.05	0.020	0.009	< 0.004	0.03	7	85.5	52.2
WD13-002-055	100.8	0.07	0.036	0.007	< 0.004	0.03	7	73.1	39.1
WD13-002-056	100.2	0.06	0.029	0.007	< 0.004	0.04	3	66.2	36.6
WD13-002-057	100.4	0.07	0.036	0.004	< 0.004	0.02	< 1	10.3	5.6
WD13-002-058	99.88	0.05	0.035	0.007	< 0.004	< 0.01	< 1	5.0	0.6
WD13-002-059	100.2	0.05	0.022	0.004	< 0.004	< 0.01	< 1	6.8	0.9
WD13-002-060	100.7	0.07	0.064	< 0.004	0.021	0.10	1230	6590	1380
WD13-002-061	100.1	0.08	0.043	0.011	< 0.004	< 0.01	2	44.7	11.3
WD13-002-062	100.1	0.07	0.043	0.007	< 0.004	< 0.01	6	37.0	34.1
WD13-002-063	99.81	0.25	0.065	0.009	0.018	0.03	7	314	37.1
WD13-002-064	100.7	0.09	0.047	0.009	< 0.004	< 0.01	2	50.0	9.5
WD13-002-065	100.5	0.10	0.047	0.004	< 0.004	0.01	2	10.9	1.3
WD13-002-066	100.6	0.05	0.020	0.009	< 0.004	< 0.01	< 1	9.5	0.3
WD13-002-067	100.3	0.04	0.015	0.006	0.006	0.02	10	24.8	13.4
WD13-002-068	100.7	0.03	0.026	0.004	< 0.004	0.01	< 1	3.1	0.7
WD13-002-069	99.84	0.03	0.015	< 0.004	< 0.004	< 0.01	1	6.6	2.2
WD13-002-070	100.3	0.03	0.043	0.011	< 0.004	0.03	< 1	6.7	1.1

Activation Laboratories Ltd. Report: A13-04377

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-002-004

Replicate Original

WD13-002-004 LABDUP

WD13-002-009

Replicate Original

WD13-002-009 LABDUP

WD13-002-014

Replicate Original

WD13-002-014 LABDUP

WD13-002-019

Replicate Original

WD13-002-019 LABDUP

WD13-002-024

Replicate Original

WD13-002-024 LABDUP

WD13-002-029

Replicate Original

WD13-002-029 LABDUP

WD13-002-030

Replicate Original

WD13-002-030 Split Original

18.2 < 0.1 6 0.189 2.82 1.83 0.16 < 0.02 3.18 18.8 96 210 428 2.57 23.4 91.5 36.6 28.0 4.06 < 0.1 < 0.1 < 0.1 6.5 43.5

WD13-002-030 LABDUP

WD13-002-030 LABPREP

17.7 < 0.1 7 0.197 2.89 1.87 0.16 < 0.02 3.13 18.4 94 204 420 2.54 23.0 90.1 35.6 27.2 3.89 < 0.1 0.2 < 0.1 6.5 43.1

WD13-002-034

Replicate Original

WD13-002-034 LABDUP

WD13-002-044

Replicate Original

WD13-002-044 LABDUP

WD13-002-050 Split Original

10.1 < 0.1 6 0.214 2.76 1.91 0.17 0.04 3.95 21.9 114 229 463 2.59 22.1 83.1 20.6 27.8 4.16 < 0.1 0.3 0.1 5.0 52.8

WD13-002-050 LABPREP

10.0 < 0.1 7 0.218 2.80 1.94 0.17 0.04 3.93 21.8 113 226 458 2.58 21.9 83.0 20.5 27.6 4.21 < 0.1 < 0.1 < 0.1 5.2 55.0

Activation Laboratories Ltd. Report: A13-04377

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	
WD13-002-052 Replicate Original	17.1	< 0.1	6	0.197	2.99	2.12	0.14	< 0.02	3.46	18.6	95	213	441	2.72	24.2	92.3	38.2	28.3	4.28	< 0.1	0.4	0.2	5.5	55.9
WD13-002-052 LABDUP	16.4	< 0.1	6	0.184	2.86	2.05	0.14	< 0.02	3.34	18.3	92	205	427	2.63	23.6	89.1	37.8	27.6	4.22	< 0.1	0.4	0.2	5.4	55.3
WD13-002-053 Replicate Original	10.0	< 0.1	6	0.213	2.62	1.97	0.16	< 0.02	3.48	18.9	95	206	397	2.32	20.9	86.0	43.2	22.5	4.00	< 0.1	0.2	0.2	6.6	61.9
WD13-002-053 LABDUP	11.2	< 0.1	6	0.228	2.81	2.11	0.17	< 0.02	3.78	20.7	104	227	435	2.53	22.6	93.6	49.8	26.8	4.32	< 0.1	0.2	0.2	7.1	67.0
WD13-002-054 Replicate Original																								
WD13-002-054 LABDUP																								
WD13-002-059 Replicate Original																								
WD13-002-059 LABDUP																								
WD13-002-060 Replicate Original	2.5	< 0.1	4	0.678	2.63	> 10.0	0.06	0.09	7.45	2.6	19	161	290	3.18	28.9	488	201	24.5	10.1	< 0.1	2.7	0.7	1.4	78.6
WD13-002-060 LABDUP	2.5	< 0.1	4	0.675	2.60	> 10.0	0.06	0.10	7.25	2.5	17	155	284	3.15	28.7	478	198	24.5	10.0	< 0.1	2.4	0.5	1.3	76.9
WD13-002-061 Split Original	25.8	0.1	8	0.337	4.12	4.08	0.17	< 0.02	3.49	8.2	50	309	586	5.28	55.5	239	13.5	42.2	6.89	< 0.1	0.2	0.2	6.0	122
WD13-002-061 LABPREP	27.8	< 0.1	9	0.362	4.42	4.24	0.17	< 0.02	3.51	8.1	49	306	584	5.24	54.1	237	13.0	40.7	6.60	< 0.1	0.1	< 0.1	5.8	118
WD13-002-064 Replicate Original																								
WD13-002-064 LABDUP																								
WD13-002-067 Replicate Original	21.2	< 0.1	14	0.302	2.20	4.11	0.25	< 0.02	4.01	10.7	57	139	321	2.16	21.8	85.1	47.7	23.1	6.66	< 0.1	0.2	0.1	10.8	132
WD13-002-067 LABDUP	22.7	< 0.1	15	0.317	2.30	4.41	0.26	< 0.02	4.09	10.8	58	142	335	2.24	22.7	88.1	48.9	23.9	6.71	< 0.1	0.2	< 0.1	10.9	136

Activation Laboratories Ltd. Report: A13-04377

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-002-004

Replicate Original

WD13-002-004 LABDUP

WD13-002-009

Replicate Original

WD13-002-009 LABDUP

WD13-002-014

Replicate Original

WD13-002-014 LABDUP

WD13-002-019

Replicate Original

WD13-002-019 LABDUP

WD13-002-024

Replicate Original

WD13-002-024 LABDUP

WD13-002-029

Replicate Original

WD13-002-029 LABDUP

WD13-002-030

Replicate Original

WD13-002-030 Split Original

WD13-002-030 LABDUP

WD13-002-030 LABPREP

WD13-002-034

Replicate Original

WD13-002-034 LABDUP

WD13-002-044

Replicate Original

WD13-002-044 LABDUP

WD13-002-050 Split Original

WD13-002-050 LABPREP

3.37	2.9	< 0.1	0.13	0.027	< 0.01	< 0.02	0.11	< 0.02	0.09	0.54	44.2	1.1	2.63	0.4	1.87	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1
3.37	2.0	< 0.1	0.10	0.013	< 0.01	< 0.02	0.11	< 0.02	0.03	0.51	43.8	1.1	2.65	0.4	1.89	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1
4.69	3.0	< 0.1	0.19	0.044	< 0.01	< 0.02	0.16	< 0.02	0.09	0.55	38.7	1.5	3.75	0.6	2.74	0.8	0.3	0.9	0.2	0.9	0.2	0.5	< 0.1
4.87	3.2	< 0.1	0.10	0.011	< 0.01	< 0.02	0.16	< 0.02	< 0.02	0.57	38.3	1.5	3.77	0.6	2.79	0.7	0.3	0.9	0.2	0.9	0.2	0.5	< 0.1

Activation Laboratories Ltd. Report: A13-04377

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	
WD13-002-052 Replicate Original	3.37	1.9	< 0.1	0.12	0.033	< 0.01	< 0.02	0.14	< 0.02	0.06	0.63	41.9	1.1	2.61	0.4	1.85	0.5	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1
WD13-002-052 LABDUP	3.32	1.7	< 0.1	0.12	0.029	< 0.01	< 0.02	0.12	< 0.02	0.08	0.62	40.3	1.1	2.57	0.4	1.82	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1
WD13-002-053 Replicate Original	3.53	1.7	< 0.1	0.12	0.022	< 0.01	< 0.02	0.09	< 0.02	0.06	0.77	47.3	1.1	2.63	0.4	1.92	0.5	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1
WD13-002-053 LABDUP	3.84	2.1	< 0.1	0.10	0.027	< 0.01	< 0.02	0.11	< 0.02	0.12	0.86	52.6	1.2	2.92	0.4	2.11	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-002-054 Replicate Original																								
WD13-002-054 LABDUP																								
WD13-002-059 Replicate Original																								
WD13-002-059 LABDUP																								
WD13-002-060 Replicate Original	0.86	0.2	< 0.1	6.99	0.137	< 0.01	< 0.02	1.27	0.66	0.39	0.12	18.3	1.3	5.19	0.2	0.73	< 0.1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1
WD13-002-060 LABDUP	0.81	< 0.1	< 0.1	6.96	0.172	< 0.01	< 0.02	1.21	0.62	0.58	0.12	18.2	1.2	5.14	0.2	0.69	< 0.1	0.1	0.2	< 0.1	0.1	< 0.1	< 0.1	< 0.1
WD13-002-061 Split Original	1.82	0.6	< 0.1	0.21	0.045	< 0.01	< 0.02	0.09	< 0.02	0.12	0.75	58.3	1.4	2.68	0.3	1.37	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1
WD13-002-061 LABPREP	1.80	0.6	< 0.1	0.09	0.007	0.02	< 0.02	0.08	< 0.02	< 0.02	0.79	60.4	1.4	2.81	0.4	1.47	0.3	0.2	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1
WD13-002-064 Replicate Original																								
WD13-002-064 LABDUP																								
WD13-002-067 Replicate Original	2.24	1.0	< 0.1	0.05	0.036	< 0.01	< 0.02	0.06	< 0.02	0.03	1.25	118	1.1	2.37	0.3	1.48	0.4	0.2	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-002-067 LABDUP	2.29	0.7	< 0.1	0.08	0.021	< 0.01	< 0.02	0.06	< 0.02	0.04	1.31	125	1.1	2.49	0.3	1.57	0.4	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1

Activation Laboratories Ltd. Report: A13-04377

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-06 22:09:55	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	
MICA-FE LABSTD														34.48	19.48	25.77	0.352	4.60	0.45	0.41	8.80	2.48	0.45	0.022	
AN-G LABSTD														46.52	30.18	3.35	0.041	1.89	15.86	1.59	0.14	0.23	0.01	0.011	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.36	10.11	12.87	0.199	13.20	13.90	3.12	1.42	2.59	1.08	0.042	
AC-E LABSTD														70.21	14.68	2.55	0.065	0.06	0.38	6.53	4.52	0.13			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.36	2.27				28.04						
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-23 LABSTD																									
CDN-PGMS-23 LABSTD																									
WD13-002-004 Replicate Original																									
WD13-002-004 LABDUP																									
WD13-002-009 Replicate Original																									
WD13-002-009 LABDUP																									
WD13-002-014 Replicate Original																									
WD13-002-014 LABDUP																									
WD13-002-019 Replicate Original																									
WD13-002-019 LABDUP																									
WD13-002-024 Replicate Original																									
WD13-002-024 LABDUP																									
WD13-002-029 Replicate Original																									
WD13-002-029 LABDUP																									
WD13-002-030 Replicate Original														49.60	7.45	10.16	0.204	14.30	14.51	1.13	0.49	0.34	0.02	0.048	1.73
WD13-002-030 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	7	0.03	1.50	0.2	< 0.1	< 10	49.45	7.46	10.09	0.203	14.24	14.48	1.12	0.49	0.35	0.02	0.049	1.76	
WD13-002-030 LABDUP														49.30	7.47	10.03	0.202	14.19	14.44	1.11	0.49	0.36	0.02	0.049	1.78
WD13-002-030 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	58	0.03	1.47	0.2	< 0.1	< 10	49.83	7.58	10.19	0.199	14.33	14.49	1.15	0.48	0.36	0.02	0.050	1.63	
WD13-002-034 Replicate Original																									
WD13-002-034 LABDUP																									
WD13-002-044 Replicate Original																									
WD13-002-044 LABDUP																									
WD13-002-050 Split Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	20	0.03	0.95	0.2	0.1	< 10	50.19	7.00	10.10	0.208	14.16	14.53	0.99	0.40	0.35	0.02	0.049	1.89	
WD13-002-050 LABPREP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.98	0.2	0.1	< 10	50.04	7.16	10.27	0.210	14.40	14.63	0.95	0.39	0.36	0.02	0.048	1.87	

Activation Laboratories Ltd. Report: A13-04377

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%		
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)		
Date Analyzed	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 06 22:09:55	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	2013-05- 01 11:51:01	
WD13-002-052 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.04	1.18	0.1	< 0.1	< 10													
WD13-002-052 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.04	1.21	0.1	< 0.1	< 10													
WD13-002-053 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.05	1.28	0.1	< 0.1	< 10													
WD13-002-053 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	9	0.06	1.54	0.2	< 0.1	< 10													
WD13-002-054 Replicate Original																									
WD13-002-054 LABDUP																									
WD13-002-059 Replicate Original														47.78	16.52	9.51	0.154	9.68	11.19	1.83	0.81	0.26	0.03	0.024	2.58
WD13-002-059 LABDUP														47.42	16.32	9.53	0.156	9.64	11.23	1.83	0.83	0.27	0.03	0.020	2.59
WD13-002-060 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	110	0.03	4.37	0.2	0.1	30													
WD13-002-060 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	165	0.02	4.36	0.1	< 0.1	40													
WD13-002-061 Split Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.08	1.26	0.1	< 0.1	< 10	44.29	11.95	13.97	0.204	15.22	9.87	1.01	0.45	0.21	0.02	0.018	2.75	
WD13-002-061 LABPREP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	28	0.08	1.34	0.1	< 0.1	< 10	44.53	11.78	13.97	0.210	15.04	9.88	1.01	0.45	0.23	0.02	0.026	2.79	
WD13-002-064 Replicate Original																									
WD13-002-064 LABDUP																									
WD13-002-067 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.65	< 0.1	< 0.1	< 10													
WD13-002-067 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.06	1.68	< 0.1	< 0.1	< 10													

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-02 17:29:20	2013-05-06 09:26:02	2013-05-06 09:26:02	2013-05-06 09:26:02

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		< 0.01	0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.92			
LKSD-4 LABSTD						0.88			
LKSD-4 LABSTD						0.89			
LKSD-4 LABSTD						0.89			
LKSD-4 LABSTD						0.84			
LKSD-4 LABSTD						0.92			
BE-N LABSTD		0.04	0.025	0.007	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.7			
BaSO4 LABSTD						13.7			
Oreas 74a (Fusion) LABSTD		0.17	3.24	0.059	0.124				
CDN-PGMS-22 LABSTD							1170	6390	1360
CDN-PGMS-22 LABSTD							1170	6390	1360
CDN-PGMS-23 LABSTD							483	2010	445
CDN-PGMS-23 LABSTD							483	2010	445
WD13-002-004 Replicate Original						0.03			
WD13-002-004 LABDUP						0.03			
WD13-002-009 Replicate Original							7	79.2	50.6
WD13-002-009 LABDUP							6	80.7	51.3
WD13-002-014 Replicate Original						0.01			
WD13-002-014 LABDUP						0.01			
WD13-002-019 Replicate Original							3	78.5	50.5
WD13-002-019 LABDUP							3	83.3	51.9
WD13-002-024 Replicate Original						0.03			
WD13-002-024 LABDUP						0.04			
WD13-002-029 Replicate Original							4	82.9	51.9
WD13-002-029 LABDUP							4	78.9	49.9
WD13-002-030 Replicate Original	100.1	0.06	0.028	0.007	< 0.004				
WD13-002-030 Split Original	99.81	0.06	0.030	0.007	< 0.004	0.03	5	82.2	47.7
WD13-002-030 LABDUP	99.54	0.06	0.031	0.007	< 0.004				
WD13-002-030 LABPREP	100.4	0.05	0.027	0.009	< 0.004	0.03	6	81.6	49.3
WD13-002-034 Replicate Original						0.03			
WD13-002-034 LABDUP						< 0.01			
WD13-002-044 Replicate Original						0.02	5	76.7	45.9
WD13-002-044 LABDUP						0.02	5	77.4	45.2
WD13-002-050 Split Original	99.97	0.06	0.022	0.009	< 0.004	0.03	3	77.1	47.3
WD13-002-050 LABPREP	100.4	0.06	0.022	0.008	< 0.004	0.03	3	74.0	44.5

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-01 11:51:01	2013-05-02 17:29:20	2013-05-02 09:26:02	2013-05-06 09:26:02	2013-05-06 09:26:02

WD13-002-052 Replicate Original									
WD13-002-052 LABDUP									
WD13-002-053 Replicate Original									
WD13-002-053 LABDUP									
WD13-002-054 Replicate Original						0.03	6	84.4	51.5
WD13-002-054 LABDUP						0.02	7	86.5	53.0
WD13-002-059 Replicate Original	100.4	0.05	0.021	0.005	< 0.004				
WD13-002-059 LABDUP	99.94	0.05	0.023	0.004	< 0.004				
WD13-002-060 Replicate Original									
WD13-002-060 LABDUP									
WD13-002-061 Split Original	100.1	0.08	0.043	0.011	< 0.004	< 0.01	2	44.7	11.3
WD13-002-061 LABPREP	100.1	0.09	0.044	0.010	< 0.004	< 0.01	3	52.7	12.0
WD13-002-064 Replicate Original						< 0.01	2	47.3	9.9
WD13-002-064 LABDUP						< 0.01	2	52.7	9.1
WD13-002-067 Replicate Original									
WD13-002-067 LABDUP									



Date Submitted: 27-Jun-13
Invoice No.: A13-07244
Invoice Date: 15-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

66 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07244**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07244

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM		
WD13-001-049	36.7	0.7	9	0.256	1.23	3.53	0.25	53.5	4.22	10.1	131	4.0	518	5.60	31.5	226	308	135	11.5	0.2	0.8	0.7	13.8	68.6		
WD13-001-050	21.5	0.5	7	0.435	1.39	3.47	0.31	0.44	3.79	16.5	235	6.9	597	6.07	31.1	63.3	222	70.8	10.9	0.1	0.6	0.3	12.8	116		
WD13-001-051	50.0	0.3	7	0.502	2.34	5.18	0.44	0.13	4.22	7.1	58	213	387	3.31	31.5	233	474	40.0	8.41	< 0.1	0.6	0.6	24.9	164		
WD13-001-052	47.5	0.3	5	0.120	5.87	3.61	0.37	0.72	1.49	8.0	56	1340	588	6.82	76.8	729	1120	75.3	6.80	0.1	3.0	1.5	23.2	95.3		
WD13-001-053	81.9	0.4	5	0.201	5.48	4.69	0.73	0.82	2.23	8.6	82	875	715	7.35	78.6	720	1890	87.9	7.83	0.1	1.6	1.8	43.5	136		
WD13-001-054	2.1	0.3	10	0.035	> 10.0	2.06	0.03	0.59	0.79	7.6	25	1970	774	6.15	86.6	977	135	51.5	4.40	0.1	1.7	0.9	2.2	16.2		
WD13-001-055	2.1	0.3	9	0.040	> 10.0	2.22	0.03	0.75	0.88	8.0	16	2200	824	6.57	93.0	1040	138	60.9	4.84	0.2	1.5	0.9	1.8	17.4		
WD13-001-056	0.9	0.1	3	0.012	7.57	2.79	0.01	0.68	0.33	8.4	53	2160	321	6.09	78.2	893	148	48.8	6.52	0.1	1.2	0.7	0.6	5.4		
WD13-001-057	1.7	0.1	4	0.011	8.62	2.61	0.02	0.52	1.47	9.9	68	2500	398	6.32	74.9	881	94.3	43.0	5.27	0.2	1.4	0.7	0.9	40.0		
WD13-001-058	13.9	0.2	4	0.019	7.89	2.98	0.17	0.57	2.11	9.1	62	2450	450	6.30	80.6	896	277	47.5	5.72	0.1	1.0	0.8	8.9	126		
WD13-001-059	3.0	0.1	4	0.010	7.55	2.30	0.03	0.39	2.41	10.5	63	2630	464	6.41	88.0	954	102	35.0	4.49	0.2	1.4	2.5	1.4	249		
WD13-001-060	3.4	0.2	6	0.851	3.18	> 10.0	0.06	0.12	9.08	3.3	23	188	356	3.54	31.3	583	233	27.8	11.1	< 0.1	3.6	1.0	1.5	80.9		
WD13-001-061	3.1	0.3	5	0.032	> 10.0	2.51	0.03	0.34	2.38	10.9	61	2570	749	6.75	96.3	1040	43.3	41.7	4.90	0.2	1.5	2.3	1.3	86.6		
WD13-001-062	47.8	0.4	4	0.304	4.17	2.83	0.41	0.10	2.89	13.0	77	708	498	4.46	44.1	301	133	57.1	7.53	0.2	0.9	1.0	13.7	52.5		
WD13-001-063	61.7	0.6	6	0.469	1.62	4.39	0.28	0.22	4.34	12.6	125	15.9	533	4.41	20.8	18.9	294	72.4	11.3	0.1	0.8	0.7	13.7	123		
WD13-001-064	52.6	0.7	6	0.593	1.17	5.56	0.35	0.49	5.32	12.3	131	14.7	569	5.42	38.8	8.6	148	69.2	12.6	0.1	1.2	0.7	18.6	205		
WD13-001-065	54.5	0.6	5	0.758	1.14	5.53	0.46	0.16	4.67	11.9	128	17.2	548	4.81	20.4	7.7	50.3	76.8	12.0	0.1	1.0	0.7	20.5	233		
WD13-001-066	50.4	0.7	7	0.836	1.19	5.87	0.44	0.16	5.00	13.1	128	15.1	589	5.21	22.0	9.5	63.0	69.6	13.0	0.1	1.0	0.6	20.4	244		
WD13-001-067	45.3	0.7	7	0.645	0.99	5.44	0.29	0.14	4.92	10.9	117	11.8	515	4.48	19.4	6.7	38.1	64.1	12.7	0.1	1.1	0.6	13.0	212		
WD13-001-068	46.0	0.6	7	0.749	1.20	5.95	0.37	0.04	5.17	13.1	132	17.2	650	5.26	21.7	8.0	34.3	84.6	13.6	0.1	1.0	0.7	15.4	253		
WD13-001-069	55.9	0.8	7	0.552	1.13	5.25	0.37	0.30	4.68	11.2	130	15.6	553	4.91	19.1	6.6	86.8	71.9	12.6	0.2	1.3	0.8	19.7	204		
WD13-001-070	67.9	1.0	6	0.230	1.26	5.84	0.18	18.4	6.63	10.1	132	14.4	539	5.27	15.8	5.9	54.5	52.8	16.5	0.2	0.7	0.5	12.0	152		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	
WD13-001-049	14.5	5.6	0.2	0.36	0.402	0.27	0.02	0.47	0.03	0.19	4.62	84	18.5	40.2	5.3	22.3	4.2	1.0	3.9	0.5	2.8	0.5	1.4	0.2	
WD13-001-050	10.4	8.0	< 0.1	0.53	0.129	0.06	0.03	0.37	0.02	< 0.02	3.20	100	10.5	22.3	2.9	12.0	2.4	0.7	2.3	0.3	1.9	0.4	1.0	0.1	
WD13-001-051	1.64	1.4	< 0.1	0.45	0.223	0.05	< 0.02	0.12	< 0.02	0.10	13.9	100	2.9	5.41	0.6	2.10	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-001-052	1.36	1.7	< 0.1	1.01	0.698	0.13	< 0.02	0.33	0.03	0.25	16.3	109	3.1	5.56	0.6	2.28	0.4	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-001-053	1.98	1.7	< 0.1	0.63	1.36	0.22	< 0.02	0.23	0.05	0.37	30.7	201	3.8	7.16	0.8	3.08	0.5	0.3	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1	
WD13-001-054	1.07	2.5	< 0.1	0.21	0.164	0.02	< 0.02	0.14	0.06	0.10	1.16	19	2.6	4.80	0.5	1.97	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-001-055	0.97	1.8	< 0.1	0.16	0.093	0.02	< 0.02	0.15	0.06	0.25	1.27	16	2.2	4.24	0.5	1.88	0.3	< 0.1	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-001-056	0.88	1.0	< 0.1	0.07	0.068	0.03	< 0.02	0.09	0.04	0.11	0.29	23	2.8	5.40	0.7	2.48	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-001-057	0.83	0.5	< 0.1	0.05	0.046	< 0.01	< 0.02	0.11	0.02	0.05	0.35	7	1.7	3.49	0.4	1.78	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-001-058	1.02	0.6	< 0.1	0.28	0.109	0.04	< 0.02	0.11	0.04	0.19	6.38	100	1.7	3.49	0.4	1.77	0.4	0.1	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-001-059	1.42	0.7	< 0.1	2.85	0.052	0.03	< 0.02	0.12	0.02	0.04	1.01	19	2.1	4.36	0.6	2.29	0.5	0.1	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1	
WD13-001-060	0.91	0.8	< 0.1	7.20	0.164	0.07	< 0.02	1.44	0.81	0.48	0.14	19	1.4	5.91	0.2	0.88	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-001-061	1.51	1.3	< 0.1	1.38	0.084	0.01	< 0.02	0.17	0.05	0.13	0.99	11	1.9	3.96	0.5	2.04	0.4	0.1	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1	
WD13-001-062	6.14	15.0	< 0.1	0.49	0.096	0.02	< 0.02	0.42	0.03	0.07	4.87	184	15.4	32.3	4.0	15.0	2.3	0.7	1.8	0.2	1.3	0.2	0.7	< 0.1	
WD13-001-063	7.92	11.8	0.2	0.35	0.132	0.06	0.02	0.46	0.04	0.02	3.48	145	15.3	32.2	4.0	15.6	2.7	0.9	2.2	0.3	1.7	0.3	0.9	0.1	
WD13-001-064	8.44	4.8	0.2	0.56	0.109	0.06	0.02	0.38	0.05	0.09	5.46	138	10.3	22.0	2.8	11.2	2.1	0.9	2.0	0.3	1.7	0.3	0.9	0.1	
WD13-001-065	8.11	4.2	0.2	0.62	0.084	0.04	0.02	0.33	0.04	0.06	7.11	173	10.7	22.9	2.8	11.3	2.1	0.9	2.1	0.3	1.6	0.3	0.9	0.1	
WD13-001-066	8.57	4.6	0.2	0.64	0.064	0.05	0.02	0.37	0.03	0.06	5.67	178	10.8	23.4	2.9	11.6	2.2	0.9	2.1	0.3	1.6	0.3	0.9	0.1	
WD13-001-067	7.55	4.0	0.1	1.77	1.77	0.03	< 0.02	0.34	0.03	0.03	4.19	109	10.1	21.3	2.6	10.4	1.9	0.9	1.9	0.2	1.5	0.3	0.8	0.1	
WD13-001-068	9.00	5.4	0.1	0.84	0.197	0.05	0.02	0.54	0.04	< 0.02	5.16	132	10.9	23.4	3.0	11.9	2.2	0.9	2.2	0.3	1.7	0.3	0.9	0.1	
WD13-001-069	8.51	5.1	0.1	5.08	0.149	0.05	0.02	0.43	0.05	0.07	5.41	161	10.9	22.8	2.9	11.4	2.2	0.9	2.1	0.3	1.7	0.3	0.9	0.1	
WD13-001-070	9.15	5.0	0.1	1.64	0.305	0.02	0.02	0.44	0.07	< 0.02	3.73	82	15.0	31.2	3.9	15.0	2.6	1.0	2.5	0.3	1.9	0.4	1.0	0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	
WD13-001-049	0.9	0.1	0.2	< 0.05	0.4	0.002	19	0.19	9.33	2.5	0.6	40	53.97	15.56	11.71	0.140	3.39	8.42	2.66	0.80	1.04	0.73	0.030	2.18
WD13-001-050	0.7	0.1	0.2	< 0.05	< 0.1	0.001	10	0.11	1.97	2.6	0.5	20	53.18	14.34	13.49	0.159	4.15	8.35	2.22	0.68	1.29	0.22	0.055	1.32
WD13-001-051	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.21	1.59	0.5	< 0.1	40	47.67	17.54	10.02	0.148	8.72	10.20	2.00	1.00	0.30	0.02	0.017	2.27
WD13-001-052	0.2	< 0.1	< 0.1	< 0.05	0.4	0.006	17	0.28	1.20	0.9	0.1	40	43.09	9.06	14.10	0.203	19.69	7.18	0.22	0.59	0.31	0.03	0.018	4.82
WD13-001-053	0.2	< 0.1	< 0.1	< 0.05	0.2	0.004	42	0.45	1.77	0.6	0.1	30	41.56	12.26	14.97	0.206	15.84	7.52	0.52	1.04	0.40	0.03	0.020	4.39
WD13-001-054	0.1	< 0.1	< 0.1	< 0.05	0.4	0.005	< 5	0.05	0.56	0.7	0.3	60	42.44	4.78	11.42	0.193	29.13	5.13	< 0.01	0.06	0.21	0.07	0.017	6.54
WD13-001-055	0.1	< 0.1	< 0.1	< 0.05	0.3	0.005	< 5	0.05	0.44	0.4	< 0.1	40	42.02	4.71	11.73	0.208	29.26	4.91	< 0.01	0.05	0.22	0.07	0.014	6.87
WD13-001-056	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.005	< 5	0.06	0.30	0.7	0.1	40	43.18	6.38	12.53	0.169	26.63	4.72	< 0.01	0.02	0.26	0.07	0.016	6.39
WD13-001-057	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.005	< 5	0.07	0.31	0.4	< 0.1	< 10	41.93	5.01	10.88	0.146	27.02	4.83	< 0.01	0.02	0.21	0.06	0.015	8.29
WD13-001-058	0.1	< 0.1	< 0.1	< 0.05	0.1	0.013	< 5	0.14	0.56	0.3	< 0.1	40	41.18	5.69	11.56	0.159	25.07	6.33	< 0.01	0.16	0.20	0.05	0.012	8.02
WD13-001-059	0.1	< 0.1	< 0.1	< 0.05	0.1	0.033	< 5	0.02	0.52	0.5	< 0.1	< 10	41.48	4.93	10.58	0.164	26.86	5.00	< 0.01	0.03	0.20	0.06	0.015	8.88
WD13-001-060	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.004	626	0.04	5.61	0.2	< 0.1	80	45.28	22.03	7.02	0.083	8.70	12.89	1.00	0.11	0.09	0.01	0.009	2.66
WD13-001-061	0.2	< 0.1	< 0.1	< 0.05	0.2	0.022	< 5	0.06	0.85	0.4	< 0.1	< 10	40.66	4.92	10.72	0.183	27.86	5.19	< 0.01	0.03	0.21	0.07	0.016	8.77
WD13-001-062	0.5	< 0.1	0.3	< 0.05	< 0.1	0.007	< 5	0.12	1.27	2.6	0.4	< 10	49.87	14.81	9.06	0.124	10.53	8.14	3.06	0.64	0.51	0.13	0.022	2.93
WD13-001-063	0.6	< 0.1	0.3	< 0.05	0.1	0.001	< 5	0.13	2.48	2.6	0.5	< 10	51.10	19.02	9.26	0.119	3.89	8.77	3.68	0.86	0.85	0.22	0.024	1.69
WD13-001-064	0.7	0.1	0.1	< 0.05	0.4	0.004	< 5	0.18	3.29	1.7	0.4	20	49.07	19.94	10.02	0.121	2.43	9.34	3.23	0.95	1.09	0.27	0.024	2.21
WD13-001-065	0.6	< 0.1	0.1	< 0.05	0.1	0.003	< 5	0.19	2.80	1.9	0.4	10	51.07	20.56	9.81	0.134	2.56	9.79	3.13	0.85	1.05	0.33	0.023	1.10
WD13-001-066	0.7	< 0.1	0.1	< 0.05	< 0.1	0.002	< 5	0.18	2.57	1.9	0.4	< 10	50.91	20.71	9.69	0.126	2.48	9.76	3.26	0.80	1.03	0.30	0.024	1.17
WD13-001-067	0.6	< 0.1	0.1	< 0.05	0.1	0.002	< 5	0.12	2.60	1.8	0.4	< 10	50.63	21.00	9.02	0.117	2.29	9.70	3.37	0.88	1.01	0.26	0.024	1.64
WD13-001-068	0.7	0.1	0.1	< 0.05	< 0.1	0.003	< 5	0.11	2.31	2.0	0.4	< 10	50.09	20.10	9.83	0.138	2.56	9.53	3.06	0.87	1.04	0.29	0.025	1.61
WD13-001-069	0.7	< 0.1	0.1	< 0.05	0.3	0.007	< 5	0.16	2.91	1.8	0.4	10	50.64	20.48	9.89	0.127	2.62	9.21	3.24	1.05	1.10	0.30	0.023	1.90
WD13-001-070	0.7	0.1	0.2	< 0.05	0.8	0.004	< 5	0.11	11.6	2.4	0.6	< 10	47.83	20.13	9.94	0.115	2.56	10.90	3.42	0.57	1.06	0.32	0.027	3.06

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay Jul 12 2013 3:01PM	LDI- Greenfield s PGE Tbay Jul 12 2013 3:01PM	LDI- Greenfield s PGE Tbay Jul 12 2013 3:01PM	LDI- Greenfield s PGE Tbay Jul 12 2013 3:01PM	LDI- Greenfield s PGE Tbay Jul 12 2013 3:01PM	LDI- Greenfield s PGE Tbay Jul 12 2013 1:26PM	LDI- Greenfield s PGE Tbay Jul 11 2013 4:05PM	LDI- Greenfield s PGE Tbay Jul 12 2013 4:05PM	LDI- Greenfield s PGE Tbay Jul 12 2013 4:05PM
Date Analyzed									
WD13-001-001	99.33	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	1	0.3	0.1
WD13-001-002	100.6	0.03	0.025	< 0.004	0.009	0.05	461	1940	432
WD13-001-003	99.97	< 0.01	0.003	< 0.004	< 0.004	0.04	2	0.9	0.6
WD13-001-004	100.3	0.02	0.010	0.008	0.021	0.34	1	1.1	0.8
WD13-001-005	99.97	0.01	0.009	0.006	0.011	0.23	< 1	0.2	0.3
WD13-001-006	100.7	0.01	0.006	0.007	0.010	0.19	1	0.2	0.3
WD13-001-007	100.6	0.01	0.007	0.007	0.006	0.08	< 1	0.2	0.3
WD13-001-008	100.1	0.02	0.033	0.007	0.006	0.10	< 1	0.2	0.3
WD13-001-009	100.8	0.01	0.009	0.007	0.014	0.23	< 1	0.2	0.3
WD13-001-010	100.5	0.01	0.009	0.007	0.014	0.23	< 1	0.2	0.3
WD13-001-011	100.4	0.01	0.024	0.007	0.012	0.19	< 1	0.1	0.3
WD13-001-012	100.7	0.02	0.034	0.007	0.012	0.13	< 1	0.1	0.3
WD13-001-013	100.4	0.01	0.006	0.007	0.010	0.15	< 1	0.2	0.3
WD13-001-014	100.5	< 0.01	0.006	0.007	0.009	0.23	< 1	3.1	4.2
WD13-001-015	100.7	0.02	0.009	0.006	0.006	0.04	1	10.3	13.6
WD13-001-016	100.3	0.12	0.044	0.006	0.004	0.04	< 1	6.0	7.7
WD13-001-017	99.87	0.08	0.048	0.007	0.005	0.11	< 1	1.4	2.0
WD13-001-018	100.5	0.02	0.042	0.007	0.007	0.03	2	7.6	11.5
WD13-001-019	99.85	< 0.01	0.013	0.007	0.010	0.08	5	6.4	14.4
WD13-001-020	100.2	< 0.01	< 0.003	< 0.004	< 0.004	0.04	4	0.6	0.6
WD13-001-021	100.7	0.01	0.029	0.008	0.009	0.15	2	5.3	11.5
WD13-001-022	99.82	0.01	0.013	0.008	0.013	0.19	2	4.5	2.8
WD13-001-023	100.3	0.02	0.013	0.009	0.013	0.22	1	4.2	2.6
WD13-001-024	99.26	< 0.01	0.005	0.008	0.013	0.33	< 1	0.2	< 0.1
WD13-001-025	100.0	0.01	0.006	0.010	0.019	0.36	1	1.3	0.8
WD13-001-026	100.2	< 0.01	0.003	0.009	0.018	0.38	< 1	0.4	< 0.1
WD13-001-027	100.7	0.01	0.025	0.010	0.008	0.16	< 1	0.2	0.2
WD13-001-028	99.52	0.02	0.019	0.012	0.024	0.40	2	3.5	2.8
WD13-001-029	99.93	< 0.01	0.009	0.010	0.015	0.28	< 1	0.1	0.4
WD13-001-030	99.55	0.01	0.011	0.010	0.015	0.23	< 1	1.4	1.5
WD13-001-031	99.99	0.01	0.014	0.010	0.010	0.17	< 1	1.2	1.1
WD13-001-032	100.4	0.01	0.011	0.010	0.018	0.42	1	0.8	0.4
WD13-001-033	100.6	< 0.01	0.006	0.008	0.012	0.19	< 1	< 0.1	< 0.1
WD13-001-034	99.71	0.04	0.018	0.005	< 0.004	0.07	1	23.6	7.1
WD13-001-035	100.3	0.06	0.026	0.006	< 0.004	0.03	1	69.9	14.0
WD13-001-036	99.64	0.05	0.029	0.004	< 0.004	0.01	< 1	5.1	2.7
WD13-001-037	99.86	0.08	0.062	0.008	0.105	0.44	37	252	53.3
WD13-001-038	100.5	0.03	0.028	0.004	0.086	0.37	28	145	22.9
WD13-001-039	100.1	0.04	0.035	0.005	0.037	0.20	8	106	33.5
WD13-001-040	98.73	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	< 0.1
WD13-001-041	100.7	0.06	0.099	0.007	0.072	0.54	17	193	38.4
WD13-001-042	100.6	0.02	0.021	0.006	0.041	0.53	4	22.9	3.7
WD13-001-043	100.7	< 0.01	0.011	0.007	0.016	0.46	< 1	8.4	0.1
WD13-001-044	100.2	0.02	0.031	0.007	0.043	0.71	4	70.6	12.6
WD13-001-045	99.99	0.05	0.029	0.005	0.041	0.16	12	38.5	9.7
WD13-001-046	99.85	0.04	0.031	0.005	0.022	0.16	3	28.5	9.5
WD13-001-047	100.2	< 0.01	0.005	0.006	0.011	0.29	< 1	25.9	0.4
WD13-001-048	99.83	< 0.01	< 0.003	0.004	0.006	0.09	< 1	0.2	< 0.1

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 12 2013 3:01PM	Jul 11 2013 1:26PM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM
WD13-001-049	100.7	< 0.01	0.023	< 0.004	0.026	0.68	18	271	2.4
WD13-001-050	99.49	< 0.01	0.009	0.004	0.018	0.24	2	7.7	1.3
WD13-001-051	100.0	0.04	0.031	0.004	0.040	0.07	14	106	22.9
WD13-001-052	99.72	0.19	0.083	0.010	0.121	0.63	23	190	93.9
WD13-001-053	99.17	0.12	0.081	0.010	0.197	0.70	65	397	115
WD13-001-054	100.4	0.36	0.123	0.010	0.012	0.21	< 1	1.7	2.6
WD13-001-055	100.5	0.36	0.119	0.011	0.010	0.23	< 1	8.7	3.4
WD13-001-056	100.6	0.34	0.122	0.010	0.014	0.25	3	31.9	12.1
WD13-001-057	98.63	0.34	0.108	0.010	0.006	0.19	< 1	0.7	1.6
WD13-001-058	98.66	0.32	0.104	0.009	0.023	0.80	1	27.8	7.1
WD13-001-059	98.66	0.33	0.112	0.010	0.009	1.52	< 1	1.2	2.8
WD13-001-060	100.1	0.08	0.063	0.004	0.019	0.10	1220	5930	1260
WD13-001-061	98.96	0.35	0.108	0.010	< 0.004	0.79	< 1	1.2	2.5
WD13-001-062	99.95	0.08	0.028	0.005	0.010	0.30	2	1.9	1.6
WD13-001-063	99.51	< 0.01	< 0.003	< 0.004	0.025	0.10	2	0.5	0.1
WD13-001-064	98.71	< 0.01	< 0.003	0.004	0.011	0.62	2	0.3	0.2
WD13-001-065	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.18	< 1	< 0.1	0.1
WD13-001-066	100.3	< 0.01	< 0.003	< 0.004	0.004	0.20	< 1	0.9	< 0.1
WD13-001-067	99.94	< 0.01	< 0.003	< 0.004	< 0.004	0.14	< 1	< 0.1	< 0.1
WD13-001-068	99.14	< 0.01	< 0.003	< 0.004	< 0.004	0.10	< 1	0.4	0.2
WD13-001-069	100.6	< 0.01	< 0.003	< 0.004	0.006	0.25	< 1	< 0.1	< 0.1
WD13-001-070	99.94	< 0.01	< 0.003	< 0.004	0.004	0.33	1	< 0.1	0.2

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

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WD13-001-001 Replicate Original	4.8	< 0.1	20	0.010	> 10.0	0.02	0.01	< 0.02	20.5	< 0.1	3	2.7	381	0.09	0.4	3.5	0.75	37.8	< 0.02	< 0.1	1.0	0.3	0.5	129
WD13-001-001 LABDUP	4.0	< 0.1	18	0.009	> 10.0	0.01	< 0.01	< 0.02	19.5	< 0.1	3	2.2	376	0.08	0.4	3.8	0.74	16.2	< 0.02	< 0.1	0.8	0.2	0.5	131
WD13-001-003 Replicate Original	13.6	0.4	10	0.183	0.99	2.23	0.19	0.06	1.60	7.5	91	46.1	540	3.45	9.5	37.7	53.0	55.4	6.34	< 0.1	5.9	0.3	6.3	66.7
WD13-001-003 LABDUP	13.6	0.3	10	0.176	0.99	2.25	0.20	0.06	1.60	7.5	89	45.2	528	3.42	9.5	37.7	51.8	53.9	6.33	< 0.1	6.0	0.4	6.3	65.5
WD13-001-005 Replicate Original	13.1	0.2	32	0.459	1.76	3.38	0.15	0.05	4.21	24.2	219	75.8	943	7.28	37.8	46.3	159	86.5	10.6	0.1	1.0	0.7	5.9	38.9
WD13-001-005 LABDUP	12.5	0.3	30	0.446	1.70	3.19	0.14	0.05	4.12	24.0	219	76.1	927	7.13	37.1	45.7	158	86.0	10.6	0.1	1.3	1.0	5.9	38.7
WD13-001-010 Replicate Original																								
WD13-001-010 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	

WD13-001-020 Replicate Original																								
WD13-001-020 LABDUP																								
WD13-001-030 Replicate Original																								
WD13-001-030 Split Original	21.4	0.2	7	0.413	1.98	3.73	0.16	0.13	4.56	23.5	681	38.2	697	8.32	56.7	89.7	191	61.9	11.3	0.1	0.6	0.4	5.2	99.4
WD13-001-030 LABDUP																								
WD13-001-030 LABPREP	23.6	0.3	7	0.457	2.36	4.50	0.19	0.19	5.17	27.3	726	43.7	750	8.80	61.4	96.4	193	68.7	12.0	0.2	0.7	0.7	5.4	110
WD13-001-040 Replicate Original																								
WD13-001-040 LABDUP																								
WD13-001-045 Replicate Original																								
WD13-001-045 LABDUP																								
WD13-001-050 Replicate Original																								
WD13-001-050 Split Original	21.5	0.5	7	0.435	1.39	3.47	0.31	0.44	3.79	16.5	235	6.9	597	6.07	31.1	63.3	222	70.8	10.9	0.1	0.6	0.3	12.8	116
WD13-001-050 LABDUP																								
WD13-001-050 LABPREP	24.8	0.5	7	0.459	1.52	3.80	0.33	0.38	4.07	18.6	239	6.1	646	6.39	32.0	59.2	208	76.0	11.9	0.1	0.9	0.6	13.0	126
WD13-001-055 Replicate Original																								
WD13-001-055 LABDUP																								
WD13-001-060 Replicate Original																								
WD13-001-060 LABDUP																								
WD13-001-061 Split Original	3.1	0.3	5	0.032	> 10.0	2.51	0.03	0.34	2.38	10.9	61	2570	749	6.75	96.3	1040	43.3	41.7	4.90	0.2	1.5	2.3	1.3	86.6
WD13-001-061 LABPREP	2.6	0.3	4	0.025	8.73	2.15	0.02	0.33	2.07	9.5	60	2410	691	5.98	89.6	989	41.8	38.6	4.56	0.2	1.6	2.3	1.3	88.0
WD13-001-065 Replicate Original																								
WD13-001-065 LABDUP																								
WD13-001-070 Replicate Original																								
WD13-001-070 LABDUP																								

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Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Method Code																								
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	

WD13-001-020 Replicate Original																								
WD13-001-020 LABDUP																								
WD13-001-030 Replicate Original																								
WD13-001-030 Split Original	4.44	2.3	< 0.1	0.17	0.065	0.04	0.02	0.17	0.03	< 0.02	2.35	38	1.8	4.21	0.6	2.57	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-001-030 LABDUP																								
WD13-001-030 LABPREP	4.76	2.3	< 0.1	0.23	0.118	0.04	0.02	0.19	0.03	0.09	2.34	40	1.9	4.45	0.6	2.85	0.7	0.3	0.8	0.1	0.9	0.2	0.6	< 0.1
WD13-001-040 Replicate Original																								
WD13-001-040 LABDUP																								
WD13-001-045 Replicate Original																								
WD13-001-045 LABDUP																								
WD13-001-050 Replicate Original																								
WD13-001-050 Split Original	10.4	8.0	< 0.1	0.53	0.129	0.06	0.03	0.37	0.02	< 0.02	3.20	100	10.5	22.3	2.9	12.0	2.4	0.7	2.3	0.3	1.9	0.4	1.0	0.1
WD13-001-050 LABDUP																								
WD13-001-050 LABPREP	11.5	8.0	0.1	0.54	0.112	0.06	0.03	0.44	0.03	0.06	3.38	107	11.9	25.5	3.3	13.9	2.7	0.8	2.8	0.4	2.3	0.4	1.2	0.2
WD13-001-055 Replicate Original																								
WD13-001-055 LABDUP																								
WD13-001-060 Replicate Original																								
WD13-001-060 LABDUP																								
WD13-001-061 Split Original	1.51	1.3	< 0.1	1.38	0.084	0.01	< 0.02	0.17	0.05	0.13	0.99	11	1.9	3.96	0.5	2.04	0.4	0.1	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1
WD13-001-061 LABPREP	1.50	1.3	< 0.1	1.16	0.077	0.02	< 0.02	0.15	0.06	0.15	1.00	12	1.9	3.88	0.5	2.01	0.4	0.1	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1
WD13-001-065 Replicate Original																								
WD13-001-065 LABDUP																								
WD13-001-070 Replicate Original																								
WD13-001-070 LABDUP																								

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Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																								
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45

MICA-FE LABSTD													34.25	19.48	25.55	0.345	4.52	0.45	0.32	8.77	2.53	0.41	0.026	
AN-G LABSTD													46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042	
AC-E LABSTD													70.48	14.72	2.55	0.060	0.06	0.36	6.53	4.50	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.52	2.25				27.95						
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-001-001 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	2.47	0.3	0.3	< 10												
WD13-001-001 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.53	< 0.1	0.2	< 10												
WD13-001-003 Replicate Original	0.8	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.08	3.13	1.6	0.4	10												
WD13-001-003 LABDUP	0.8	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.07	3.05	1.6	0.4	< 10												
WD13-001-005 Replicate Original	2.0	0.3	0.1	< 0.05	< 0.1	0.001	< 5	0.04	0.83	0.3	< 0.1	< 10												
WD13-001-005 LABDUP	2.0	0.3	0.1	< 0.05	< 0.1	0.002	< 5	0.04	1.19	0.3	< 0.1	10												
WD13-001-010 Replicate Original																								
WD13-001-010 LABDUP																								

Activation Laboratories Ltd. Report: A13-07244

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%		
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45
WD13-001-020 Replicate Original														66.91	13.37	6.38	0.106	2.39	4.20	3.04	1.12	0.61	0.13	0.020	1.54
WD13-001-020 LABDUP														67.36	13.40	6.46	0.112	2.39	4.25	3.05	1.12	0.62	0.14	0.020	1.54
WD13-001-030 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	0.1	0.005	6	0.05	0.64	0.2	< 0.1	40	41.44	13.20	20.04	0.201	7.59	11.71	1.07	0.35	2.02	0.03	0.177	1.67	
WD13-001-030 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.1	0.008	< 5	0.06	0.72	0.3	< 0.1	20	41.90	13.08	20.31	0.206	7.64	11.94	1.07	0.35	2.04	0.03	0.179	1.67	
WD13-001-040 Replicate Original														4.81	< 0.01	0.15	0.060	22.07	29.55	< 0.01	< 0.01	0.01	< 0.01	< 0.003	42.27
WD13-001-040 LABDUP														4.77	< 0.01	0.14	0.059	21.94	29.35	< 0.01	< 0.01	0.01	< 0.01	< 0.003	42.27
WD13-001-045 Replicate Original																									
WD13-001-045 LABDUP																									
WD13-001-050 Replicate Original																									
WD13-001-050 Split Original	0.7	0.1	0.2	< 0.05	< 0.1	0.001	10	0.11	1.97	2.6	0.5	20	53.18	14.34	13.49	0.159	4.15	8.35	2.22	0.68	1.29	0.22	0.055	1.32	
WD13-001-050 LABDUP	0.8	0.1	0.2	< 0.05	0.1	0.005	< 5	0.13	2.09	2.8	0.6	< 10	52.84	14.42	13.77	0.166	4.24	8.53	2.20	0.70	1.33	0.27	0.055	1.16	
WD13-001-055 Replicate Original																									
WD13-001-055 LABDUP																									
WD13-001-060 Replicate Original														45.27	22.01	7.02	0.084	8.71	12.98	1.02	0.11	0.10	0.01	0.009	2.66
WD13-001-060 LABDUP														45.29	22.06	7.01	0.083	8.70	12.80	0.99	0.11	0.09	0.01	0.010	2.66
WD13-001-061 Split Original	0.2	< 0.1	< 0.1	< 0.05	0.2	0.022	< 5	0.06	0.85	0.4	< 0.1	< 10	40.66	4.92	10.72	0.183	27.86	5.19	< 0.01	0.03	0.21	0.07	0.016	8.77	
WD13-001-061 LABPREP	0.1	< 0.1	< 0.1	< 0.05	0.2	0.023	< 5	0.06	0.80	0.5	0.1	20	40.55	4.96	10.64	0.178	27.81	5.15	< 0.01	0.03	0.21	0.07	0.013	8.90	
WD13-001-065 Replicate Original																									
WD13-001-065 LABDUP																									
WD13-001-070 Replicate Original																									
WD13-001-070 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 11 13:26:34	2013-07- 12 16:05:09	2013-07- 12 16:05:09	2013-07- 12 16:05:09

MICA-FE LABSTD	0.02	0.004	< 0.004	< 0.004					
AN-G LABSTD	0.01	0.003	0.004	< 0.004					
LKSD-4 LABSTD						0.90			
LKSD-4 LABSTD						0.91			
LKSD-4 LABSTD						0.92			
LKSD-4 LABSTD						0.90			
BE-N LABSTD	0.04	0.028	0.007	0.008					
AC-E LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						13.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.4			
Oreas 74a (Fusion) LABSTD	0.18	3.24	0.058	0.121					
GS311-4 LABSTD						0.49			
GS311-4 LABSTD						0.51			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.32			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1330	6190	1440
CDN-PGMS-22 LABSTD							1260	6080	1270
CDN-PGMS-22 LABSTD							1380	6450	1370
CDN-PGMS-22 LABSTD							1350	6500	1330
CDN-PGMS-22 LABSTD							1370	6160	1300
CDN-PGMS-22 LABSTD							1230	6150	1260
CDN-PGMS-22 LABSTD							1360	6440	1350
CDN-PGMS-23 LABSTD							479	2030	467
CDN-PGMS-23 LABSTD							505	2060	428
CDN-PGMS-23 LABSTD							520	2110	453
CDN-PGMS-23 LABSTD							523	2160	469
CDN-PGMS-23 LABSTD							434	1970	434
CDN-PGMS-23 LABSTD							470	1890	401
CDN-PGMS-23 LABSTD							511	2140	470
WD13-001-001 Replicate Original									
WD13-001-001 LABDUP									
WD13-001-003 Replicate Original									
WD13-001-003 LABDUP									
WD13-001-005 Replicate Original									
WD13-001-005 LABDUP									
WD13-001-010 Replicate Original						0.23	< 1	0.2	0.3
WD13-001-010 LABDUP						0.23	< 1	0.2	0.4

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 12 15:01:45	2013-07- 11 13:26:34	2013-07- 12 16:05:09	2013-07- 12 16:05:09	2013-07- 12 16:05:09

WD13-001-020 Replicate Original	99.83	< 0.01	< 0.003	< 0.004	< 0.004	0.04	4	0.6	0.6
WD13-001-020 LABDUP	100.5	0.02	< 0.003	< 0.004	< 0.004	0.04	3	0.6	0.6
WD13-001-030 Replicate Original						0.23	< 1	1.5	1.6
WD13-001-030 Split Original	99.55	0.01	0.011	0.010	0.015		< 1	1.4	1.5
WD13-001-030 LABDUP						0.23	< 1	1.4	1.3
WD13-001-030 LABPREP	100.5	0.01	0.014	0.010	0.015	0.23	< 1	1.5	1.3
WD13-001-040 Replicate Original	98.92	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-001-040 LABDUP	98.54	< 0.01	0.003	< 0.004	< 0.004	< 0.01			
WD13-001-045 Replicate Original							11	38.8	9.5
WD13-001-045 LABDUP							12	38.2	9.8
WD13-001-050 Replicate Original						0.24			
WD13-001-050 Split Original	99.49	< 0.01	0.009	0.004	0.018		2	7.7	1.3
WD13-001-050 LABDUP						0.25			
WD13-001-050 LABPREP	99.72	< 0.01	0.010	0.004	0.017	0.23	3	6.7	1.0
WD13-001-055 Replicate Original							< 1	8.8	3.4
WD13-001-055 LABDUP							< 1	8.7	3.4
WD13-001-060 Replicate Original	100.1	0.08	0.063	0.004	0.018	0.10			
WD13-001-060 LABDUP	99.97	0.08	0.062	0.004	0.019	0.10			
WD13-001-061 Split Original	98.96	0.35	0.108	0.010	< 0.004		< 1	1.2	2.5
WD13-001-061 LABPREP	98.83	0.34	0.109	0.010	< 0.004	0.72	< 1	1.1	2.4
WD13-001-065 Replicate Original							< 1	0.2	0.1
WD13-001-065 LABDUP							< 1	< 0.1	0.1
WD13-001-070 Replicate Original						0.33			
WD13-001-070 LABDUP						0.33			



Date Submitted: 27-Jun-13
Invoice No.: A13-07245
Invoice Date: 16-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

66 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07245**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07245

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	
WD13-001-119	15.9	0.3	2	0.116	0.96	1.40	1.02	0.14	0.81	9.4	60	65.7	689	11.2	12.7	35.3	36.8	59.1	7.23	0.5	8.8	0.5	76.6	20.7		
WD13-001-120	8.5	0.3	2	0.083	0.21	0.73	0.39	0.04	0.79	8.0	4	4.4	574	3.43	4.8	1.1	22.9	90.0	6.90	0.3	2.8	0.8	37.7	13.7		
WD13-001-121	11.4	0.3	2	0.139	0.25	0.96	0.54	0.06	0.54	9.7	8	8.5	494	3.59	5.0	4.1	15.3	89.3	7.30	0.2	3.8	0.8	43.9	15.3		
WD13-001-122	27.8	0.3	2	0.133	1.58	2.15	1.50	0.12	0.61	14.4	98	125	705	11.7	20.6	72.6	54.3	79.4	11.3	0.5	4.7	0.8	81.7	20.0		
WD13-001-123	28.4	0.2	2	0.103	1.44	2.13	1.43	0.16	0.50	14.2	110	114	623	11.0	21.2	65.0	59.7	75.1	10.4	0.7	4.2	0.7	66.3	13.4		
WD13-001-124	22.6	0.3	2	0.275	1.33	2.32	1.14	0.13	0.90	14.6	99	92.2	629	9.48	21.4	52.0	63.3	87.5	11.6	0.3	3.7	0.9	58.9	49.4		
WD13-001-125	21.0	0.2	2	0.148	1.24	1.89	1.07	0.10	0.67	12.2	92	97.1	517	10.2	18.3	52.4	51.0	79.2	9.65	0.3	3.7	0.5	52.8	27.4		
WD13-001-126	20.5	0.3	2	0.152	1.21	1.92	0.99	0.13	0.89	12.7	86	92.0	627	8.93	18.0	51.8	55.0	81.1	9.48	0.4	4.2	0.8	54.6	30.2		
WD13-001-127	19.9	0.3	2	0.129	1.19	1.70	1.06	0.15	0.63	11.1	85	91.4	619	10.1	19.0	52.4	60.0	74.9	9.13	0.3	3.4	0.7	55.8	23.5		
WD13-001-128	21.8	0.2	2	0.132	1.29	1.91	1.37	0.13	0.48	13.4	83	105	659	8.32	18.5	58.3	45.5	85.2	9.14	0.4	3.6	0.7	68.3	23.6		
WD13-001-129	18.4	0.3	2	0.114	1.23	1.70	1.02	0.12	0.63	12.5	87	92.3	668	8.67	19.2	49.0	52.6	82.1	9.58	0.4	3.6	0.7	57.2	28.2		
WD13-001-130	2.3	0.1	4	0.642	2.74	> 10.0	0.05	0.09	7.14	2.6	18	153	307	3.00	28.2	537	213	36.8	10.5	0.1	3.8	0.9	1.6	83.1		
WD13-001-131	19.5	0.3	3	0.189	1.34	1.93	1.21	0.11	0.78	12.5	87	99.9	719	10.5	18.8	50.4	65.9	81.1	9.10	0.4	4.8	0.5	63.2	32.0		
WD13-001-132	19.8	0.3	2	0.144	1.43	1.89	1.17	0.13	0.83	12.0	114	112	723	10.2	21.0	60.7	43.3	77.2	9.11	0.3	5.6	0.5	64.7	26.3		
WD13-001-133	22.5	0.3	2	0.169	1.37	1.98	1.35	0.10	0.70	14.5	96	109	710	9.03	20.3	60.3	50.2	88.7	10.2	0.3	3.8	0.6	69.1	31.8		
WD13-001-134	19.6	0.3	13	0.137	1.33	1.79	1.09	0.11	0.89	12.0	87	117	728	11.0	18.7	58.3	48.3	73.9	8.76	0.5	3.3	0.5	56.3	31.4		
WD13-001-135	23.2	0.3	4	0.117	1.64	1.84	0.94	0.06	1.27	12.2	90	128	657	6.95	20.6	80.0	41.7	74.3	9.50	0.2	2.7	0.7	43.6	26.2		
WD13-001-136	21.1	0.4	49	0.113	1.47	1.95	0.68	0.12	1.07	14.7	96	104	738	9.29	21.1	60.4	50.2	74.8	11.5	0.3	3.5	0.5	37.3	50.7		
WD13-001-137	22.8	0.5	81	0.142	1.69	1.91	0.39	0.16	1.60	11.4	95	180	712	12.0	21.6	91.8	59.1	61.1	11.1	0.3	5.0	0.7	22.1	36.5		
WD13-001-138	21.9	0.4	45	0.105	1.30	1.74	0.33	0.11	1.55	13.0	103	132	675	8.73	20.3	67.6	57.3	98.3	11.6	0.3	3.6	0.7	18.8	32.3		
WD13-001-139	20.8	0.3	7	0.134	1.08	1.76	0.94	0.13	0.79	14.0	64	91.6	674	7.66	15.9	44.4	37.7	87.7	10.2	0.3	3.7	0.7	48.5	23.3		
WD13-001-140	17.2	0.2	3	0.142	1.14	1.87	1.14	0.35	0.78	15.1	73	77.2	968	8.38	18.4	38.5	100	167	10.5	0.3	2.4	0.8	59.3	22.1		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	LDI-Greenfield s PGE Tbay	
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	
WD13-001-119	17.1	9.4	0.4	1.26	0.066	0.05	0.03	0.92	0.38	0.10	3.20	221	20.7	41.4	4.8	17.7	3.1	0.8	3.2	0.5	3.0	0.6	1.6	0.2	
WD13-001-120	27.0	30.1	1.2	1.06	0.083	0.08	0.04	0.85	0.15	0.02	0.79	64	34.6	67.1	7.8	27.8	4.9	1.1	5.0	0.7	4.6	0.9	2.6	0.4	
WD13-001-121	27.9	28.5	0.9	1.22	0.065	0.09	0.04	1.12	0.21	0.09	1.26	151	33.3	64.6	7.6	27.8	5.1	1.1	5.4	0.8	5.0	1.0	2.7	0.4	
WD13-001-122	17.8	8.3	0.3	1.22	0.070	0.05	0.05	1.49	0.28	0.05	4.27	338	19.4	40.5	5.0	18.5	3.6	0.8	3.6	0.5	3.3	0.6	1.7	0.2	
WD13-001-123	13.2	4.7	0.2	1.44	0.083	0.07	0.04	0.97	0.18	0.04	4.30	320	14.9	30.9	3.7	14.1	2.7	0.6	2.7	0.4	2.4	0.5	1.3	0.2	
WD13-001-124	17.3	5.2	0.2	1.18	0.071	0.05	0.04	0.88	0.32	< 0.02	3.13	429	19.9	40.8	5.1	18.9	3.5	0.9	3.6	0.5	3.0	0.6	1.6	0.2	
WD13-001-125	15.7	5.0	0.2	1.27	0.065	0.04	0.03	0.72	0.22	0.09	2.91	394	18.7	39.2	4.8	18.0	3.3	0.9	3.3	0.5	2.8	0.5	1.4	0.2	
WD13-001-126	16.2	5.0	0.3	1.23	0.071	0.06	0.04	0.81	0.29	0.05	3.34	344	19.1	39.2	4.7	18.3	3.4	0.9	3.4	0.5	2.9	0.6	1.6	0.2	
WD13-001-127	15.0	5.2	0.2	1.14	0.078	0.08	0.03	0.74	0.22	0.07	3.30	351	18.5	38.2	4.7	17.7	3.2	0.8	3.1	0.4	2.7	0.5	1.4	0.2	
WD13-001-128	16.5	4.5	0.2	1.30	0.066	0.04	0.03	0.84	0.19	0.06	4.10	447	18.5	38.6	4.7	18.2	3.3	0.8	3.4	0.5	2.9	0.6	1.6	0.2	
WD13-001-129	16.6	4.3	0.2	1.24	0.071	0.05	0.04	0.79	0.25	0.03	3.23	390	19.6	40.4	5.0	19.2	3.5	0.9	3.5	0.5	3.0	0.6	1.6	0.2	
WD13-001-130	0.97	0.9	< 0.1	7.35	0.224	0.06	< 0.02	1.49	0.84	0.34	0.14	18	1.4	5.71	0.2	0.82	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	
WD13-001-131	16.0	4.7	0.4	1.61	0.096	0.05	0.04	0.83	0.23	0.02	2.85	436	19.8	40.6	4.9	18.4	3.3	0.9	3.3	0.5	2.8	0.5	1.5	0.2	
WD13-001-132	14.0	4.8	0.2	1.07	0.081	0.06	0.03	0.68	0.27	0.11	3.45	442	18.1	37.0	4.4	16.6	3.0	0.9	2.9	0.4	2.5	0.5	1.4	0.2	
WD13-001-133	16.7	4.3	0.2	1.22	0.072	0.04	0.03	0.84	0.18	0.07	3.72	445	19.3	40.3	4.8	18.4	3.4	0.9	3.3	0.5	2.9	0.6	1.6	0.2	
WD13-001-134	15.2	5.1	0.2	1.12	0.072	0.03	0.04	0.77	0.19	< 0.02	4.18	383	16.4	33.7	4.1	15.3	2.8	0.8	2.8	0.4	2.6	0.5	1.4	0.2	
WD13-001-135	14.6	16.5	0.2	0.82	0.074	0.05	0.03	0.73	0.15	< 0.02	2.43	316	22.4	45.9	5.6	21.0	3.6	1.0	3.3	0.5	2.6	0.5	1.4	0.2	
WD13-001-136	18.1	7.3	0.3	1.29	0.058	0.03	0.04	0.80	0.25	0.08	2.75	234	21.4	43.3	5.3	19.9	3.6	1.1	3.7	0.5	3.1	0.6	1.7	0.2	
WD13-001-137	14.8	6.4	0.2	1.20	0.069	0.06	0.03	0.86	0.24	0.11	2.52	142	18.3	37.1	4.6	17.5	3.2	1.0	3.2	0.4	2.7	0.5	1.5	0.2	
WD13-001-138	16.1	7.8	0.2	1.20	0.064	0.16	0.03	0.72	0.20	0.10	2.02	136	19.0	39.2	4.8	18.3	3.4	1.1	3.3	0.5	2.8	0.6	1.5	0.2	
WD13-001-139	23.0	14.9	0.3	1.37	0.054	0.05	0.04	1.00	0.15	0.06	2.90	280	23.8	48.4	5.7	21.4	4.1	1.0	4.3	0.6	3.9	0.8	2.2	0.3	
WD13-001-140	21.3	9.2	0.3	1.22	0.096	0.33	0.12	1.36	0.16	0.13	2.94	296	23.2	47.3	5.8	21.8	4.1	1.2	4.2	0.6	3.8	0.8	2.1	0.3	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:46AM	Jul 15 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	
WD13-001-119	1.2	0.2	0.2	0.06	0.5	0.002	< 5	0.28	2.62	4.7	0.7	40	58.28	10.27	20.71	0.130	2.04	3.08	2.24	2.09	0.46	0.28	0.014	0.31	
WD13-001-120	2.0	0.3	0.6	< 0.05	0.1	0.003	< 5	0.15	3.28	7.5	1.1	80	69.88	12.44	6.21	0.102	0.36	3.41	2.77	2.93	0.56	0.11	0.004	0.42	
WD13-001-121	2.1	0.3	0.6	< 0.05	0.2	0.005	< 5	0.18	3.70	7.5	1.2	70	69.83	12.60	6.50	0.095	0.46	2.96	3.12	2.28	0.54	0.12	0.004	0.48	
WD13-001-122	1.2	0.2	0.1	< 0.05	0.6	0.005	< 5	0.36	3.14	6.2	1.1	20	53.77	11.61	21.65	0.136	3.27	2.85	2.30	2.13	0.55	0.28	0.023	0.52	
WD13-001-123	0.9	0.1	< 0.1	< 0.05	0.7	0.005	< 5	0.31	3.25	4.4	1.1	20	56.13	11.93	20.24	0.123	2.82	2.41	2.45	2.15	0.56	0.27	0.022	0.60	
WD13-001-124	1.2	0.2	< 0.1	< 0.05	0.4	0.003	< 5	0.25	3.31	4.5	0.9	40	55.09	13.13	18.02	0.146	2.72	3.54	2.76	1.71	0.69	0.26	0.022	0.70	
WD13-001-125	1.1	0.2	< 0.1	< 0.05	0.4	0.005	< 5	0.22	2.69	4.3	0.8	20	55.37	12.60	19.68	0.138	2.71	3.32	2.67	1.69	0.67	0.27	0.020	0.45	
WD13-001-126	1.1	0.2	< 0.1	< 0.05	0.9	0.004	< 5	0.22	3.10	4.5	0.9	70	54.93	13.00	17.96	0.147	2.70	3.58	2.70	1.78	0.68	0.29	0.020	0.90	
WD13-001-127	1.0	0.2	< 0.1	< 0.05	0.5	0.001	< 5	0.24	2.67	4.3	0.9	10	55.45	12.14	19.67	0.137	2.60	3.16	2.51	1.77	0.60	0.26	0.012	0.33	
WD13-001-128	1.2	0.2	< 0.1	< 0.05	0.5	0.005	14	0.29	3.00	4.7	1.5	10	57.86	13.01	16.59	0.134	2.84	3.21	2.74	2.06	0.67	0.25	0.019	0.44	
WD13-001-129	1.2	0.2	< 0.1	< 0.05	0.5	0.007	< 5	0.24	2.93	4.6	1.0	10	56.37	13.21	17.09	0.138	2.63	3.48	2.76	1.99	0.70	0.27	0.019	0.54	
WD13-001-130	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.005	1050	0.03	4.74	0.2	< 0.1	20	44.93	21.85	7.14	0.084	8.74	12.95	1.23	0.12	0.10	0.01	0.010	2.66	
WD13-001-131	1.1	0.2	< 0.1	< 0.05	0.6	0.004	< 5	0.25	2.85	5.0	0.8	< 10	57.06	12.02	19.00	0.127	2.56	3.39	2.54	1.75	0.61	0.27	0.019	0.41	
WD13-001-132	1.0	0.2	< 0.1	< 0.05	0.7	0.005	< 5	0.25	3.02	4.2	0.8	20	53.87	12.45	19.49	0.144	3.17	3.70	2.65	1.82	0.68	0.26	0.024	0.40	
WD13-001-133	1.1	0.2	< 0.1	< 0.05	0.3	0.002	22	0.27	3.11	4.8	0.9	10	55.85	13.27	17.10	0.134	3.03	3.45	2.77	2.12	0.69	0.25	0.022	0.64	
WD13-001-134	1.1	0.2	< 0.1	< 0.05	0.3	0.002	< 5	0.21	3.03	4.0	0.9	20	54.65	11.49	21.19	0.146	3.16	3.67	2.29	1.81	0.60	0.28	0.020	0.42	
WD13-001-135	1.0	0.2	0.2	< 0.05	0.3	0.001	< 5	0.16	3.23	4.6	0.7	< 10	55.22	13.72	13.57	0.142	4.26	4.68	3.13	1.82	0.71	0.25	0.024	1.18	
WD13-001-136	1.2	0.2	0.1	0.06	0.6	0.004	< 5	0.16	3.32	5.2	1.1	20	55.69	13.52	16.77	0.132	2.78	3.02	3.12	1.98	0.72	0.23	0.019	1.53	
WD13-001-137	1.0	0.2	0.1	< 0.05	0.6	0.004	< 5	0.09	3.10	3.4	0.6	40	49.28	10.97	23.42	0.177	4.81	4.13	2.55	1.09	0.61	0.33	0.022	1.85	
WD13-001-138	1.1	0.2	0.2	< 0.05	0.8	0.005	< 5	0.07	16.7	4.3	1.1	10	54.02	13.45	17.59	0.187	3.43	3.46	3.83	1.42	0.74	0.26	0.024	1.84	
WD13-001-139	1.8	0.3	0.3	< 0.05	0.3	0.003	< 5	0.21	4.26	6.2	1.6	< 10	60.62	12.79	14.03	0.123	2.25	2.93	3.05	1.90	0.64	0.23	0.014	0.91	
WD13-001-140	1.6	0.2	0.2	< 0.05	0.6	< 0.001	< 5	0.25	3.03	5.2	1.3	< 10	59.55	13.10	14.94	0.174	2.12	3.41	2.93	1.87	0.74	0.27	0.014	0.59	

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 10 2013 11:45AM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM
WD13-001-071	98.74	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-001-072	100.4	0.03	0.022	< 0.004	0.009	0.06	521	2030	462
WD13-001-073	99.36	< 0.01	< 0.003	< 0.004	0.004	0.04	2	1.0	0.6
WD13-001-074	100.0	< 0.01	< 0.003	< 0.004	0.007	0.46	< 1	0.3	0.1
WD13-001-075	98.52	< 0.01	< 0.003	< 0.004	0.004	0.34	< 1	0.1	< 0.1
WD13-001-076	99.97	< 0.01	< 0.003	< 0.004	0.006	0.47	< 1	0.1	0.1
WD13-001-077	100.2	< 0.01	< 0.003	< 0.004	0.005	0.38	< 1	< 0.1	< 0.1
WD13-001-078	99.21	< 0.01	< 0.003	< 0.004	< 0.004	0.12	< 1	< 0.1	0.5
WD13-001-079	100.0	0.02	0.009	< 0.004	< 0.004	0.06	< 1	0.4	0.4
WD13-001-080	99.65	< 0.01	< 0.003	< 0.004	< 0.004	0.14	< 1	< 0.1	< 0.1
WD13-001-081	100.4	< 0.01	< 0.003	< 0.004	0.004	0.27	< 1	< 0.1	< 0.1
WD13-001-082	100.2	< 0.01	< 0.003	< 0.004	< 0.004	0.12	1	0.2	0.1
WD13-001-083	99.54	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	0.2	0.3
WD13-001-084	100.5	< 0.01	< 0.003	< 0.004	0.006	0.37	< 1	0.1	0.2
WD13-001-085	99.74	< 0.01	< 0.003	< 0.004	< 0.004	0.09	< 1	< 0.1	0.1
WD13-001-086	98.80	< 0.01	< 0.003	< 0.004	< 0.004	0.08	< 1	< 0.1	< 0.1
WD13-001-087	98.81	< 0.01	< 0.003	< 0.004	< 0.004	0.08	< 1	< 0.1	< 0.1
WD13-001-088	99.97	< 0.01	< 0.003	< 0.004	< 0.004	0.09	< 1	< 0.1	0.1
WD13-001-089	99.98	< 0.01	< 0.003	< 0.004	< 0.004	0.15	< 1	< 0.1	< 0.1
WD13-001-090	99.05	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	0.5	0.6
WD13-001-091	99.36	< 0.01	< 0.003	< 0.004	< 0.004	0.13	< 1	0.3	0.5
WD13-001-092	100.7	< 0.01	< 0.003	< 0.004	0.004	0.10	< 1	0.5	0.5
WD13-001-093	100.3	< 0.01	< 0.003	< 0.004	< 0.004	0.06	< 1	0.2	0.3
WD13-001-094	99.99	0.09	0.020	0.004	< 0.004	0.08	< 1	0.5	1.7
WD13-001-095	100.7	< 0.01	< 0.003	< 0.004	0.005	0.47	< 1	< 0.1	0.2
WD13-001-096	99.96	< 0.01	< 0.003	< 0.004	< 0.004	0.15	< 1	< 0.1	0.2
WD13-001-097	100.0	< 0.01	< 0.003	< 0.004	< 0.004	0.15	< 1	< 0.1	0.3
WD13-001-098	98.72	< 0.01	< 0.003	< 0.004	0.005	0.56	< 1	< 0.1	0.2
WD13-001-099	99.88	< 0.01	< 0.003	< 0.004	< 0.004	0.12	< 1	< 0.1	0.1
WD13-001-100	100.0	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	< 0.1	0.2
WD13-001-101	99.18	< 0.01	< 0.003	< 0.004	< 0.004	0.10	< 1	0.2	0.3
WD13-001-102	100.2	< 0.01	< 0.003	< 0.004	< 0.004	0.10	5	0.3	0.4
WD13-001-103	99.61	0.01	0.004	< 0.004	0.005	0.16	2	1.2	1.2
WD13-001-104	100.7	< 0.01	0.003	< 0.004	< 0.004	0.05	1	0.2	0.4
WD13-001-105	100.5	< 0.01	0.004	< 0.004	< 0.004	0.13	< 1	0.7	0.9
WD13-001-106	99.73	0.01	0.006	< 0.004	0.004	0.23	2	1.4	1.5
WD13-001-107	100.7	0.04	0.014	< 0.004	0.005	0.13	14	1.9	2.0
WD13-001-108	99.59	0.08	0.032	< 0.004	0.004	0.13	3	2.0	2.3
WD13-001-109	100.1	0.01	0.006	< 0.004	0.004	0.19	2	1.1	1.1
WD13-001-110	98.74	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-001-111	99.50	0.01	0.004	< 0.004	0.004	0.17	2	1.1	1.2
WD13-001-112	98.62	0.01	0.004	< 0.004	0.004	0.19	3	1.2	1.2
WD13-001-113	99.49	0.01	0.004	< 0.004	0.005	0.24	4	1.0	1.2
WD13-001-114	99.03	< 0.01	< 0.003	< 0.004	< 0.004	0.02	7	< 0.1	< 0.1
WD13-001-115	100.0	< 0.01	< 0.003	< 0.004	0.006	0.17	2	0.8	0.8
WD13-001-116	100.0	0.05	0.022	< 0.004	0.010	0.29	3	1.6	1.7
WD13-001-117	99.15	< 0.01	< 0.003	< 0.004	< 0.004	0.04	1	1.0	1.1
WD13-001-118	98.73	< 0.01	< 0.003	< 0.004	0.006	0.17	2	0.9	0.8

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 16 2013 10:51AM	Jul 10 2013 11:45AM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM	Jul 12 2013 4:05PM
WD13-001-119	99.92	< 0.01	< 0.003	< 0.004	< 0.004	0.10	2	1.2	0.7
WD13-001-120	99.20	< 0.01	< 0.003	< 0.004	< 0.004	0.10	1	< 0.1	< 0.1
WD13-001-121	99.00	< 0.01	< 0.003	< 0.004	< 0.004	0.06	< 1	< 0.1	< 0.1
WD13-001-122	99.12	0.01	0.006	< 0.004	0.004	0.16	2	2.6	1.5
WD13-001-123	99.73	0.01	0.006	< 0.004	0.004	0.21	2	1.2	1.2
WD13-001-124	98.80	< 0.01	0.003	< 0.004	0.005	0.08	2	1.0	1.1
WD13-001-125	99.61	< 0.01	0.004	< 0.004	0.004	0.18	2	1.0	1.1
WD13-001-126	98.71	< 0.01	0.003	< 0.004	0.005	0.07	2	1.2	1.3
WD13-001-127	98.67	0.01	0.003	< 0.004	0.005	0.23	2	1.2	1.1
WD13-001-128	99.85	< 0.01	0.005	< 0.004	0.004	0.17	2	1.1	1.1
WD13-001-129	99.22	< 0.01	< 0.003	< 0.004	0.004	0.19	2	1.0	1.1
WD13-001-130	99.98	0.07	0.063	< 0.004	0.019	0.11	1270	6150	1330
WD13-001-131	99.77	< 0.01	0.004	< 0.004	0.006	0.21	2	1.1	1.0
WD13-001-132	98.68	0.01	0.005	< 0.004	< 0.004	0.16	2	1.8	1.2
WD13-001-133	99.35	0.01	0.006	< 0.004	0.004	0.18	2	1.5	1.3
WD13-001-134	99.76	0.02	0.006	< 0.004	0.004	0.16	1	1.7	1.5
WD13-001-135	98.73	0.01	0.007	< 0.004	< 0.004	0.11	< 1	1.2	1.1
WD13-001-136	99.53	< 0.01	0.004	< 0.004	0.004	0.18	1	1.3	1.3
WD13-001-137	99.29	0.03	0.012	< 0.004	0.006	0.20	1	1.8	1.6
WD13-001-138	100.3	0.01	0.006	< 0.004	0.005	0.20	2	1.6	1.7
WD13-001-139	99.50	< 0.01	0.003	< 0.004	< 0.004	0.13	< 1	0.6	0.7
WD13-001-140	99.73	< 0.01	< 0.003	< 0.004	0.009	0.41	3	0.8	0.8

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	
WD13-001-088 Replicate Original	46.5	0.5	4	0.792	1.07	5.55	0.43	0.04	4.43	9.7	141	18.7	502	4.16	19.7	11.0	37.2	66.8	12.3	0.1	0.8	0.5	15.9	260
WD13-001-088 LABDUP	47.3	0.7	4	0.799	1.05	5.68	0.46	0.04	4.53	10.4	138	19.6	488	4.40	20.2	10.9	36.2	67.3	12.9	0.1	0.9	0.6	15.8	254
WD13-001-090 Replicate Original																								
WD13-001-090 LABDUP																								
WD13-001-095 Replicate Original	37.8	0.7	12	0.486	1.29	4.04	0.32	0.62	4.26	11.2	123	30.9	513	4.44	23.8	15.7	62.0	47.2	10.8	0.1	1.0	0.5	19.5	146
WD13-001-095 LABDUP	36.8	0.6	13	0.496	1.34	4.11	0.34	0.61	4.41	11.7	126	31.1	524	4.60	24.9	15.7	64.3	48.3	11.7	0.1	1.1	0.5	21.0	153
WD13-001-097 Replicate Original																								
WD13-001-097 LABDUP																								
WD13-001-100 Replicate Original																								
WD13-001-100 Split Original	31.6	0.5	4	0.543	1.26	3.87	0.33	0.18	3.76	10.0	114	23.7	458	4.25	19.8	11.2	15.9	46.3	9.48	0.2	1.0	0.5	19.4	158
WD13-001-100 LABDUP																								
WD13-001-100 LABPREP	24.5	0.4	4	0.535	1.26	3.49	0.32	0.16	3.62	8.9	105	22.3	426	3.97	20.1	10.9	15.5	44.1	10.7	0.2	0.9	0.2	19.6	158
WD13-001-102 Replicate Original	27.4	0.4	4	0.193	0.95	1.82	0.28	0.11	1.97	6.5	65	63.7	426	15.1	14.1	30.6	21.6	46.1	7.14	0.4	5.8	0.6	14.7	69.1
WD13-001-102 LABDUP	26.8	0.4	4	0.186	0.88	1.68	0.28	0.10	1.89	6.4	61	59.1	398	14.6	13.4	29.7	22.0	45.4	6.99	0.3	5.7	0.5	14.9	68.2
WD13-001-110 Replicate Original																								
WD13-001-110 LABDUP																								
WD13-001-112 Replicate Original																								
WD13-001-112 LABDUP																								
WD13-001-120 Replicate Original																								
WD13-001-120 Split Original	8.5	0.3	2	0.083	0.21	0.73	0.39	0.04	0.79	8.0	4	4.4	574	3.43	4.8	1.1	22.9	90.0	6.90	0.3	2.8	0.8	37.7	13.7
WD13-001-120 LABDUP																								
WD13-001-120 LABPREP	8.9	0.2	3	0.098	0.22	0.83	0.43	0.04	0.89	8.6	5	5.0	605	3.57	4.9	1.1	24.7	90.6	7.08	0.2	2.7	0.8	37.0	14.6
WD13-001-122 Replicate Original																								
WD13-001-122 LABDUP																								
WD13-001-130 Replicate Original																								
WD13-001-130 LABDUP																								
WD13-001-131 Split Original	19.5	0.3	3	0.189	1.34	1.93	1.21	0.11	0.78	12.5	87	99.9	719	10.5	18.8	50.4	65.9	81.1	9.10	0.4	4.8	0.5	63.2	32.0
WD13-001-131 LABPREP	20.2	0.3	3	0.208	1.36	2.04	1.29	0.11	0.85	13.1	90	103	763	11.3	19.2	53.4	66.5	81.3	9.64	0.5	4.6	0.4	64.4	33.4
WD13-001-132 Replicate Original																								
WD13-001-132 LABDUP																								
WD13-001-139 Replicate Original	19.6	0.3	7	0.122	1.04	1.64	0.87	0.13	0.76	13.2	62	88.2	647	7.39	15.2	41.6	36.1	83.3	9.66	0.3	3.7	0.6	47.1	22.2
WD13-001-139 LABDUP	22.1	0.4	8	0.147	1.13	1.87	1.00	0.14	0.83	14.8	66	95.0	702	7.93	16.5	47.2	39.3	92.2	10.8	0.3	3.6	0.8	49.8	24.4
WD13-001-140 Replicate Original																								
WD13-001-140 LABDUP																								

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	
WD13-001-088 Replicate Original	6.83	3.4	< 0.1	0.45	0.042	0.04	< 0.02	0.38	0.03	0.10	2.79	167	10.8	22.1	2.7	10.1	1.8	0.8	1.7	0.2	1.4	0.3	0.7	0.1
WD13-001-088 LABDUP	6.92	3.4	< 0.1	0.36	0.037	0.03	< 0.02	0.38	< 0.02	< 0.02	2.73	162	10.5	21.5	2.6	9.97	1.8	0.8	1.6	0.2	1.3	0.3	0.7	0.1
WD13-001-090 Replicate Original																								
WD13-001-090 LABDUP																								
WD13-001-095 Replicate Original	9.08	4.4	0.3	0.21	0.067	0.06	< 0.02	0.44	0.05	0.05	3.66	110	12.1	26.1	3.2	13.2	2.4	1.1	2.4	0.3	1.8	0.3	0.9	0.1
WD13-001-095 LABDUP	9.49	4.8	0.4	0.19	0.067	0.05	0.02	0.43	0.05	0.11	3.77	115	12.2	26.3	3.3	13.3	2.4	1.1	2.4	0.3	1.8	0.3	1.0	0.1
WD13-001-097 Replicate Original																								
WD13-001-097 LABDUP																								
WD13-001-100 Replicate Original																								
WD13-001-100 Split Original	8.86	2.8	0.2	0.26	0.041	0.04	< 0.02	0.28	0.02	0.15	5.51	160	13.6	28.8	3.7	15.2	2.7	1.1	2.5	0.3	1.8	0.3	0.9	0.1
WD13-001-100 LABDUP																								
WD13-001-100 LABPREP	8.88	2.7	0.2	0.24	0.042	0.02	< 0.02	0.33	0.02	< 0.02	5.29	151	12.6	27.0	3.4	13.9	2.5	1.0	2.4	0.3	1.7	0.3	0.8	0.1
WD13-001-102 Replicate Original	10.1	2.1	0.1	0.77	0.041	0.05	< 0.02	0.36	0.14	0.11	3.33	116	13.7	28.7	3.5	13.7	2.5	0.8	2.4	0.3	2.0	0.4	1.0	0.1
WD13-001-102 LABDUP	10.3	2.1	0.2	0.73	0.050	0.05	< 0.02	0.37	0.14	< 0.02	3.24	113	13.5	28.5	3.5	13.4	2.5	0.8	2.4	0.3	1.9	0.4	1.0	0.1
WD13-001-110 Replicate Original																								
WD13-001-110 LABDUP																								
WD13-001-112 Replicate Original																								
WD13-001-112 LABDUP																								
WD13-001-120 Replicate Original																								
WD13-001-120 Split Original	27.0	30.1	1.2	1.06	0.083	0.08	0.04	0.85	0.15	0.02	0.79	64	34.6	67.1	7.8	27.8	4.9	1.1	5.0	0.7	4.6	0.9	2.6	0.4
WD13-001-120 LABDUP																								
WD13-001-120 LABPREP	27.4	31.0	1.0	1.10	0.083	0.09	0.04	0.90	0.16	0.04	0.81	69	35.9	69.3	8.1	28.7	5.0	1.2	5.1	0.8	4.8	1.0	2.8	0.4
WD13-001-122 Replicate Original																								
WD13-001-122 LABDUP																								
WD13-001-130 Replicate Original																								
WD13-001-130 LABDUP																								
WD13-001-131 Split Original	16.0	4.7	0.4	1.61	0.096	0.05	0.04	0.83	0.23	0.02	2.85	436	19.8	40.6	4.9	18.4	3.3	0.9	3.3	0.5	2.8	0.5	1.5	0.2
WD13-001-131 LABPREP	16.1	5.0	0.3	1.52	0.103	0.04	0.04	0.81	0.22	0.09	2.91	434	20.1	41.3	4.9	18.8	3.4	0.9	3.3	0.5	2.8	0.6	1.5	0.2
WD13-001-132 Replicate Original																								
WD13-001-132 LABDUP																								
WD13-001-139 Replicate Original	22.3	14.4	0.3	1.23	0.054	0.06	0.04	0.99	0.15	0.08	2.81	272	23.2	47.1	5.5	20.7	3.9	1.0	4.1	0.6	3.8	0.8	2.2	0.3
WD13-001-139 LABDUP	23.6	15.4	0.3	1.51	0.055	0.05	0.04	1.01	0.15	0.05	2.98	288	24.4	49.6	5.9	22.1	4.3	1.0	4.4	0.7	4.1	0.8	2.3	0.3
WD13-001-140 Replicate Original																								
WD13-001-140 LABDUP																								

Activation Laboratories Ltd. Report: A13-07245

Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																									
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	

MICA-FE LABSTD													34.38	19.62	26.42	0.345	4.67	0.41	0.30	8.74	2.59	0.41	0.026	
AN-G LABSTD													45.59	29.17	3.39	0.043	1.80	16.07	1.61	0.14	0.21	0.02	0.014	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.47	10.40	13.40	0.202	13.25	14.36	3.24	1.38	2.79	1.08	0.036	
AC-E LABSTD													70.44	14.99	2.59	0.058	0.06	0.35	6.73	4.51	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.39	2.34				28.10						
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-001-077 Replicate Original																								
WD13-001-077 LABDUP																								
WD13-001-080 Replicate Original																								
WD13-001-080 LABDUP																								
WD13-001-087 Replicate Original	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.005	19	0.10	2.45	2.2	0.4	50												
WD13-001-087 LABDUP	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.005	< 5	0.10	2.58	2.2	0.4	40												

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 15 10:46:51	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	
WD13-001-088 Replicate Original	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.008	< 5	0.10	2.54	2.1	0.4	30												
WD13-001-088 LABDUP	0.5	< 0.1	< 0.1	< 0.05	< 0.1	0.005	< 5	0.10	2.47	2.1	0.4	40	65.66	13.26	6.41	0.105	2.42	4.25	3.19	1.12	0.63	0.14	0.025	1.46
WD13-001-090 Replicate Original																								
WD13-001-090 LABDUP													66.21	13.33	6.45	0.105	2.43	4.27	3.23	1.13	0.63	0.15	0.023	1.46
WD13-001-095 Replicate Original	0.7	0.1	0.1	< 0.05	0.3	0.004	< 5	0.17	3.48	2.2	0.4	20												
WD13-001-095 LABDUP	0.7	0.1	0.1	< 0.05	0.2	0.006	< 5	0.18	3.54	2.2	0.4	50												
WD13-001-097 Replicate Original																								
WD13-001-097 LABDUP																								
WD13-001-100 Replicate Original																								
WD13-001-100 Split Original	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.007	< 5	0.20	1.93	2.1	0.4	40	49.62	20.54	9.56	0.108	3.06	9.98	3.99	0.78	0.96	0.55	0.030	0.83
WD13-001-100 LABDUP																								
WD13-001-100 LABPREP	0.6	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.17	1.81	1.9	0.4	< 10	49.82	20.69	9.58	0.105	3.06	10.02	4.01	0.79	0.95	0.55	0.031	0.81
WD13-001-102 Replicate Original	0.7	0.1	< 0.1	< 0.05	0.4	0.006	< 5	0.08	3.24	4.0	0.8	< 10												
WD13-001-102 LABDUP	0.8	0.1	< 0.1	< 0.05	0.4	0.002	< 5	0.08	3.17	3.5	0.7	< 10												
WD13-001-110 Replicate Original													3.81	0.27	0.08	0.052	21.31	29.25	< 0.01	< 0.01	0.02	0.01	< 0.003	43.87
WD13-001-110 LABDUP													3.95	0.32	0.10	0.049	21.21	29.27	< 0.01	0.01	0.02	0.01	< 0.003	43.87
WD13-001-112 Replicate Original																								
WD13-001-112 LABDUP																								
WD13-001-120 Replicate Original																								
WD13-001-120 Split Original	2.0	0.3	0.6	< 0.05	0.1	0.003	< 5	0.15	3.28	7.5	1.1	80	69.88	12.44	6.21	0.102	0.36	3.41	2.77	2.93	0.56	0.11	0.004	0.42
WD13-001-120 LABDUP																								
WD13-001-120 LABPREP	2.1	0.3	0.7	< 0.05	< 0.1	< 0.001	< 5	0.16	3.67	8.4	1.2	< 10	69.97	12.47	6.12	0.100	0.36	3.36	2.76	2.90	0.56	0.11	< 0.003	0.40
WD13-001-122 Replicate Original																								
WD13-001-122 LABDUP																								
WD13-001-130 Replicate Original													45.07	21.90	7.17	0.085	8.79	12.98	1.23	0.13	0.11	0.01	0.010	2.66
WD13-001-130 LABDUP													44.78	21.79	7.10	0.084	8.69	12.92	1.23	0.12	0.10	0.01	0.011	2.66
WD13-001-131 Split Original	1.1	0.2	< 0.1	< 0.05	0.6	0.004	< 5	0.25	2.85	5.0	0.8	< 10	57.06	12.02	19.00	0.127	2.56	3.39	2.54	1.75	0.61	0.27	0.019	0.41
WD13-001-131 LABPREP	1.2	0.2	< 0.1	< 0.05	0.6	0.001	< 5	0.26	3.04	5.4	0.9	< 10	56.52	11.87	18.89	0.126	2.52	3.37	2.51	1.74	0.61	0.27	0.018	0.38
WD13-001-132 Replicate Original																								
WD13-001-132 LABDUP																								
WD13-001-139 Replicate Original	1.7	0.3	0.3	< 0.05	0.3	0.002	< 5	0.19	4.08	5.9	1.6	< 10												
WD13-001-139 LABDUP	1.8	0.3	0.3	< 0.05	0.3	0.004	< 5	0.22	4.45	6.5	1.6	< 10												
WD13-001-140 Replicate Original																								
WD13-001-140 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-16 10:51:46	2013-07-16 10:51:46	2013-07-16 10:51:46	2013-07-16 10:51:46	2013-07-16 10:51:46	2013-07-10 11:45:24	2013-07-12 16:05:09	2013-07-12 16:05:09	2013-07-12 16:05:09

MICA-FE LABSTD	< 0.01	0.004	< 0.004						
AN-G LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						1.03			
BE-N LABSTD		0.03	0.027	0.004	0.009				
AC-E LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
BaSO4 LABSTD						14.6			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.7			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
Oreas 74a (Fusion) LABSTD		0.19	3.31	0.057	0.126				
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.51			
GS900-5 LABSTD						0.34			
GS900-5 LABSTD						0.34			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1330	6190	1440
CDN-PGMS-22 LABSTD							1260	6080	1270
CDN-PGMS-22 LABSTD							1380	6450	1370
CDN-PGMS-22 LABSTD							1350	6500	1330
CDN-PGMS-22 LABSTD							1370	6160	1300
CDN-PGMS-22 LABSTD							1230	6150	1260
CDN-PGMS-22 LABSTD							1360	6440	1350
CDN-PGMS-23 LABSTD							479	2030	467
CDN-PGMS-23 LABSTD							505	2060	428
CDN-PGMS-23 LABSTD							520	2110	453
CDN-PGMS-23 LABSTD							523	2160	469
CDN-PGMS-23 LABSTD							434	1970	434
CDN-PGMS-23 LABSTD							511	2140	470
WD13-001-077 Replicate Original							< 1	< 0.1	< 0.1
WD13-001-077 LABDUP							< 1	< 0.1	< 0.1
WD13-001-080 Replicate Original							0.14		
WD13-001-080 LABDUP							0.15		
WD13-001-087 Replicate Original							< 1	< 0.1	< 0.1
WD13-001-087 LABDUP							< 1	< 0.1	0.1

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 16 10:51:46	2013-07- 10 11:45:24	2013-07- 12 16:05:09	2013-07- 12 16:05:09	2013-07- 12 16:05:09

WD13-001-088 Replicate Original									
WD13-001-088 LABDUP									
WD13-001-090 Replicate Original	98.68	< 0.01	< 0.003	< 0.004	< 0.004	0.04			
WD13-001-090 LABDUP	99.43	< 0.01	< 0.003	< 0.004	< 0.004	0.04			
WD13-001-095 Replicate Original									
WD13-001-095 LABDUP									
WD13-001-097 Replicate Original							< 1	< 0.1	0.3
WD13-001-097 LABDUP							< 1	< 0.1	0.3
WD13-001-100 Replicate Original						0.07			
WD13-001-100 Split Original	100.0	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	< 0.1	0.2
WD13-001-100 LABDUP						0.07			
WD13-001-100 LABPREP	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	0.1	0.2
WD13-001-102 Replicate Original									
WD13-001-102 LABDUP									
WD13-001-110 Replicate Original	98.68	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-001-110 LABDUP	98.81	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-001-112 Replicate Original							3	1.3	1.2
WD13-001-112 LABDUP							3	1.1	1.2
WD13-001-120 Replicate Original						0.10			
WD13-001-120 Split Original	99.20	< 0.01	< 0.003	< 0.004	< 0.004	0.10	1	< 0.1	< 0.1
WD13-001-120 LABDUP						0.10			
WD13-001-120 LABPREP	99.12	< 0.01	< 0.003	< 0.004	< 0.004	0.09	1	< 0.1	< 0.1
WD13-001-122 Replicate Original							2	2.6	1.5
WD13-001-122 LABDUP							2	2.6	1.5
WD13-001-130 Replicate Original	100.3	0.07	0.064	< 0.004	0.020				
WD13-001-130 LABDUP	99.65	0.07	0.061	0.004	0.019	0.11			
WD13-001-131 Split Original	99.77	< 0.01	0.004	< 0.004	0.006	0.21	2	1.1	1.0
WD13-001-131 LABPREP	98.86	< 0.01	0.005	< 0.004	0.005	0.21	2	1.1	1.1
WD13-001-132 Replicate Original							2	1.9	1.3
WD13-001-132 LABDUP							2	1.7	1.2
WD13-001-139 Replicate Original									
WD13-001-139 LABDUP									
WD13-001-140 Replicate Original						0.41			
WD13-001-140 LABDUP						0.42			



Date Submitted: 27-Jun-13
Invoice No.: A13-07247
Invoice Date: 15-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

7 Core samples and 3 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07247**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07247

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	
WD13-001-141	3.3	0.1	18	0.005	> 10.0	0.01	< 0.01	< 0.02	18.7	< 0.1	2	< 0.5	301	0.08	0.5	4.8	1.01	15.2	0.04	< 0.1	0.2	0.2	0.5	141
WD13-001-142	9.7	0.3	4	0.321	1.10	4.62	0.13	0.08	3.05	5.2	55	76.5	332	3.01	15.3	183	91.2	41.5	7.58	< 0.1	4.4	0.3	4.2	66.3
WD13-001-143	12.1	0.4	6	0.157	0.64	2.02	0.18	0.06	1.31	6.5	76	39.6	376	3.13	9.1	32.5	45.1	48.0	6.66	< 0.1	5.2	0.3	6.0	71.2
WD13-001-144	25.5	0.4	2	0.293	0.81	2.30	1.25	0.41	0.71	15.8	59	67.3	882	7.46	17.1	33.0	46.7	102	11.2	0.2	2.0	0.3	61.0	36.3
WD13-001-145	26.6	0.2	2	0.200	0.89	2.20	1.39	0.23	0.52	15.5	76	87.5	768	7.66	17.8	43.8	48.1	87.8	10.3	0.2	1.8	0.4	60.3	27.8
WD13-001-146	25.1	0.6	1	0.058	4.56	3.02	1.94	0.13	0.74	8.4	87	779	330	5.61	35.6	375	42.9	55.1	8.31	0.1	2.5	< 0.1	95.5	26.3
WD13-001-147	20.5	0.5	< 1	0.030	5.42	3.16	1.73	0.15	0.58	4.2	172	1370	200	3.68	40.0	490	31.3	38.5	7.14	0.1	3.3	0.4	89.1	23.0
WD13-001-148	23.3	0.4	< 1	0.072	2.31	2.11	1.46	0.09	0.51	11.2	107	318	418	9.98	25.8	144	27.4	49.1	8.52	0.2	3.8	0.1	54.8	18.4
WD13-001-149	20.5	0.3	< 1	0.143	0.84	1.68	1.07	0.10	0.70	10.6	72	81.6	690	13.3	14.7	38.6	17.7	60.4	7.85	0.4	4.8	0.4	52.1	27.2
WD13-001-150	31.4	0.2	< 1	0.203	1.67	2.65	1.67	0.09	0.57	16.0	134	154	682	10.6	26.9	74.4	62.3	85.3	12.4	0.2	1.3	0.3	64.0	25.1

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	
WD13-001-141	0.29	0.2	< 0.1	0.08	0.048	0.07	< 0.02	< 0.05	0.03	0.06	0.23	35	< 0.5	0.63	< 0.1	0.25	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-001-142	6.81	3.8	< 0.1	8.17	0.129	0.11	0.02	1.64	0.71	0.20	0.34	80	4.8	12.6	1.3	5.67	1.3	0.4	1.4	0.2	1.3	0.3	0.7	< 0.1	
WD13-001-143	9.51	4.9	0.2	7.14	0.093	0.11	0.02	1.20	0.45	< 0.02	0.38	112	6.1	12.9	1.8	7.76	1.8	0.5	1.9	0.3	1.7	0.3	0.9	0.1	
WD13-001-144	19.5	5.0	0.5	1.63	0.109	0.18	0.10	1.68	0.12	0.16	3.21	84	26.4	57.9	7.0	26.3	4.9	1.1	4.5	0.7	3.9	0.8	2.2	0.3	
WD13-001-145	15.0	4.0	0.3	1.36	0.077	0.06	0.04	0.82	0.13	< 0.02	4.60	369	18.0	38.8	4.8	18.9	3.7	0.8	3.3	0.5	2.8	0.6	1.6	0.2	
WD13-001-146	6.36	5.4	0.1	0.64	0.070	0.05	0.02	0.52	0.14	< 0.02	21.1	460	9.9	20.7	2.5	9.70	1.8	0.4	1.7	0.2	1.3	0.3	0.7	0.1	
WD13-001-147	2.73	6.2	< 0.1	0.24	0.063	0.06	< 0.02	0.31	0.10	< 0.02	23.8	407	6.1	12.1	1.4	5.44	1.1	0.2	0.9	0.1	0.6	0.1	0.4	< 0.1	
WD13-001-148	9.57	5.9	0.2	1.13	0.058	0.06	< 0.02	0.66	0.11	0.05	12.6	356	15.4	32.5	3.9	15.2	2.8	0.6	2.4	0.4	2.1	0.4	1.1	0.2	
WD13-001-149	10.5	4.0	0.3	0.63	0.055	0.06	0.03	0.65	0.11	0.04	5.20	345	17.4	36.1	4.2	16.1	2.9	0.7	2.5	0.4	2.0	0.4	1.1	0.2	
WD13-001-150	11.4	3.2	0.2	1.44	0.068	0.06	0.04	0.76	0.09	0.08	12.9	424	18.2	38.5	4.7	18.2	3.4	0.9	3.1	0.4	2.4	0.5	1.2	0.2	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 10 2013 12:24PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM
WD13-001-141	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.002	< 5	0.04	1.94	< 0.1	0.5	20	5.01	0.39	0.11	0.081	21.96	29.80	< 0.01	0.01	0.01	0.01	< 0.003	41.38
WD13-001-142	0.6	< 0.1	< 0.1	< 0.05	0.2	0.004	338	0.05	3.61	0.8	0.3	20	60.47	15.70	6.68	0.098	4.63	6.88	2.41	0.76	0.46	0.10	0.018	2.00
WD13-001-143	0.8	0.1	0.1	< 0.05	0.3	0.003	< 5	0.06	2.55	1.3	0.4	< 10	66.82	13.19	6.49	0.110	2.41	4.25	3.17	1.12	0.62	0.14	0.024	1.53
WD13-001-144	1.8	0.3	0.1	< 0.05	0.8	0.003	< 5	0.26	3.20	6.9	1.3	< 10	60.89	13.75	12.49	0.177	1.94	3.70	3.07	1.70	0.77	0.25	0.011	0.99
WD13-001-145	1.4	0.2	0.1	< 0.05	0.6	0.001	< 5	0.25	3.05	4.1	1.5	< 10	59.42	14.08	13.26	0.141	2.30	3.39	3.09	2.02	0.69	0.22	0.017	0.59
WD13-001-146	0.7	0.1	0.1	< 0.05	0.2	0.001	< 5	0.41	2.39	2.3	0.7	< 10	48.61	9.88	12.75	0.168	15.45	5.72	0.98	2.58	0.60	0.20	0.028	2.80
WD13-001-147	0.3	< 0.1	0.1	< 0.05	0.1	< 0.001	9	0.42	1.50	1.3	0.4	< 10	45.66	8.33	11.15	0.192	21.31	6.81	0.14	2.38	0.57	0.18	0.030	3.68
WD13-001-148	1.0	0.1	0.2	< 0.05	3.8	0.001	6	0.25	2.57	3.5	1.1	< 10	53.51	11.26	18.65	0.132	6.35	3.45	2.52	2.04	0.60	0.26	0.026	1.00
WD13-001-149	1.0	0.1	0.1	< 0.05	0.8	0.001	6	0.21	3.24	3.9	2.5	< 10	55.75	10.59	22.76	0.117	2.33	3.12	2.24	1.81	0.48	0.28	0.017	0.04
WD13-001-150	1.0	0.2	< 0.1	< 0.05	0.4	0.003	7	0.29	2.83	2.9	0.6	10	53.24	13.42	19.60	0.148	3.69	3.18	2.57	2.38	0.76	0.26	0.029	0.70

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 12 2013 10:23AM	Jul 15 2013 10:14AM	Jul 15 2013 10:14AM	Jul 15 2013 10:14AM
WD13-001-141	98.64	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-001-142	100.3	0.03	0.021	< 0.004	0.008	0.06	510	1980	460
WD13-001-143	99.89	< 0.01	0.006	< 0.004	0.004	0.04	2	0.9	0.6
WD13-001-144	99.75	< 0.01	< 0.003	< 0.004	< 0.004	0.34	4	0.9	0.8
WD13-001-145	99.24	< 0.01	< 0.003	< 0.004	0.004	0.17	2	1.2	0.9
WD13-001-146	100.0	0.15	0.070	0.006	0.004	0.05	2	3.1	2.8
WD13-001-147	100.7	0.20	0.088	0.007	< 0.004	0.02	1	4.0	3.8
WD13-001-148	99.87	0.05	0.020	0.004	< 0.004	0.05	< 1	2.0	2.2
WD13-001-149	99.55	< 0.01	0.004	< 0.004	< 0.004	0.06	< 1	1.1	1.1
WD13-001-150	100.0	0.02	0.008	0.004	0.005	0.24	2	2.3	2.0

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE		
Date Analyzed	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51		

MICA-FE LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD																									
AC-E LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD																									
GS311-4 LABSTD																									
GS311-4 LABSTD																									
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GS900-5 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
CDN-PGMS-22 LABSTD																									
WD13-001-142 Replicate Original	9.4	0.2	4	0.316	1.09	4.53	0.13	0.08	3.03	5.2	55	76.1	329	2.82	15.0	182	91.3	41.4	7.49	< 0.1	4.3	0.3	4.1	65.0	
WD13-001-142 LABDUP	10.0	0.4	4	0.325	1.11	4.71	0.13	0.08	3.07	5.3	55	77.0	335	3.20	15.7	185	91.1	41.6	7.68	< 0.1	4.5	0.2	4.3	67.6	
WD13-001-147 Replicate Original																									
WD13-001-147 LABDUP																									
WD13-001-149 Split Original	20.5	0.3	< 1	0.143	0.84	1.68	1.07	0.10	0.70	10.6	72	81.6	690	13.3	14.7	38.6	17.7	60.4	7.85	0.4	4.8	0.4	52.1	27.2	
WD13-001-149 LABPREP	20.3	0.4	< 1	0.125	0.81	1.63	1.07	0.09	0.69	10.3	70	79.5	659	13.1	14.6	37.8	17.7	60.3	7.70	0.3	4.5	< 0.1	51.8	25.9	
WD13-001-150 Replicate Original																									
WD13-001-150 LABDUP																									

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm			
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	

MICA-FE LABSTD																											
LKSD-4 LABSTD																											
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GS900-5 LABSTD																											
GS900-5 LABSTD																											
GS900-5 LABSTD																											
CDN-PGMS-22 LABSTD																											
WD13-001-142	6.66	3.3	< 0.1	8.15	0.127	0.10	0.02	1.66	0.71	0.22	0.34	80	4.7	12.6	1.3	5.69	1.3	0.4	1.4	0.2	1.3	0.3	0.8	0.1			
Replicate Original																											
WD13-001-142 LABDUP	6.95	4.3	< 0.1	8.20	0.131	0.11	0.02	1.62	0.71	0.18	0.35	79	4.9	12.6	1.3	5.64	1.3	0.4	1.4	0.2	1.3	0.3	0.7	< 0.1			
Replicate Original																											
WD13-001-147 LABDUP																											
Replicate Original																											
WD13-001-149 Split Original	10.5	4.0	0.3	0.63	0.055	0.06	0.03	0.65	0.11	0.04	5.20	345	17.4	36.1	4.2	16.1	2.9	0.7	2.5	0.4	2.0	0.4	1.1	0.2			
Replicate Original																											
WD13-001-149 LABPREP	10.2	3.3	0.4	0.54	0.053	0.07	0.03	0.64	0.11	< 0.02	5.30	348	17.5	36.6	4.3	16.3	2.8	0.7	2.5	0.3	2.0	0.4	1.1	0.2			
Replicate Original																											
WD13-001-150 LABDUP																											
Replicate Original																											

Activation Laboratories Ltd. Report: A13-07247

Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																								
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 10 12:24:51	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49

MICA-FE LABSTD													34.45	19.58	25.69	0.347	4.61	0.42	0.40	8.77	2.53	0.41	0.022	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.19	10.06	12.90	0.201	13.22	13.89	3.19	1.41	2.63	1.10	0.043	
AC-E LABSTD													70.34	14.78	2.53	0.057	0.02	0.37	6.61	4.56	0.10			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.52	2.25				27.95						
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-001-142 Replicate Original	0.6	< 0.1	< 0.1	< 0.05	0.2	0.005	317	0.06	3.64	0.8	0.3	20												
WD13-001-142 LABDUP Replicate Original	0.6	< 0.1	0.1	< 0.05	0.2	0.004	360	0.05	3.58	0.8	0.3	20												
WD13-001-147 LABDUP Original	1.0	0.1	0.1	< 0.05	0.8	0.001	6	0.21	3.24	3.9	2.5	< 10	55.75	10.59	22.76	0.117	2.33	3.12	2.24	1.81	0.48	0.28	0.017	0.04
WD13-001-149 LABPREP Replicate Original	1.0	0.2	< 0.1	< 0.05	0.7	< 0.001	8	0.19	3.10	3.4	2.0	< 10	55.66	10.61	22.86	0.113	2.34	3.12	2.25	1.81	0.48	0.27	0.015	0.07
WD13-001-150 Replicate Original													53.43	13.38	19.70	0.148	3.75	3.21	2.56	2.38	0.76	0.26	0.029	0.67
WD13-001-150 LABDUP													53.04	13.47	19.50	0.148	3.63	3.15	2.57	2.37	0.76	0.26	0.028	0.73

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-09 14:56:49	2013-07-09 14:56:49	2013-07-09 14:56:49	2013-07-09 14:56:49	2013-07-09 14:56:49	2013-07-11 13:26:34	2013-07-15 10:14:40	2013-07-15 10:14:40	2013-07-15 10:14:40

MICA-FE LABSTD		< 0.01	< 0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.91			
LKSD-4 LABSTD						0.92			
LKSD-4 LABSTD						0.90			
BE-N LABSTD		0.03	0.026	0.007	0.007				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						13.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.4			
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
GS311-4 LABSTD						0.51			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.32			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1190	6060	1370
WD13-001-142 Replicate Original						0.02			
WD13-001-142 LABDUP						0.02			
WD13-001-147 Replicate Original						0.06	< 1	1.1	1.1
WD13-001-147 LABDUP						0.06	< 1	1.1	1.0
WD13-001-149 Split Original	99.55	< 0.01	0.004	< 0.004	< 0.004	0.06	1	1.1	1.0
WD13-001-149 LABPREP	99.62	< 0.01	0.003	< 0.004	< 0.004	0.06	2	2.3	2.0
WD13-001-150 Replicate Original	100.3	0.02	0.008	0.004	0.006		2	2.2	1.9
WD13-001-150 LABDUP	99.69	0.01	0.007	0.004	0.005		2	2.2	1.9



Date Submitted: 27-Jun-13
Invoice No.: A13-07250
Invoice Date: 12-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07250**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07250

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	
WD13-005-001	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.05	2.48	0.1	0.4	< 10	6.74	0.42	0.14	0.053	21.61	29.39	< 0.01	< 0.01	0.01	0.01	< 0.003	41.63
WD13-005-002	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	1800	0.06	3.97	0.9	0.3	< 10	59.98	15.83	6.47	0.098	4.51	6.74	2.50	0.76	0.46	0.10	0.016	2.51
WD13-005-003	0.9	0.1	0.2	< 0.05	0.4	0.001	< 5	0.08	2.91	1.5	0.4	< 10	66.37	13.42	6.28	0.103	2.36	4.20	3.25	1.12	0.61	0.14	0.018	1.50
WD13-005-004	0.5	< 0.1	0.2	< 0.05	0.3	< 0.001	< 5	0.02	2.06	1.6	0.3	< 10	49.49	18.13	10.22	0.119	4.02	9.22	3.43	0.42	0.89	0.51	0.032	3.68
WD13-005-005	0.5	< 0.1	0.1	< 0.05	0.2	0.001	< 5	0.06	1.97	1.7	0.4	< 10	50.59	19.36	9.97	0.136	3.99	7.65	3.45	1.58	0.88	0.53	0.028	2.55
WD13-005-006	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.04	1.76	1.5	0.3	< 10	54.16	18.71	7.86	0.107	3.57	6.50	4.19	1.24	0.71	0.40	0.023	2.47
WD13-005-007	0.4	< 0.1	0.2	< 0.05	0.5	< 0.001	< 5	< 0.02	1.64	1.3	0.4	< 10	48.98	19.75	9.86	0.109	4.06	8.13	4.55	0.27	0.94	0.55	0.031	3.11
WD13-005-008	0.4	< 0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.04	1.72	1.4	0.4	< 10	52.76	19.17	8.70	0.109	3.15	6.33	4.63	0.80	0.87	0.48	0.028	2.78
WD13-005-009	0.3	< 0.1	0.2	< 0.05	0.6	< 0.001	< 5	< 0.02	2.11	1.7	0.4	< 10	61.44	16.83	5.81	0.064	1.88	7.11	4.24	0.29	0.59	0.29	0.020	1.91
WD13-005-010	0.4	< 0.1	0.1	< 0.05	0.6	< 0.001	< 5	0.04	3.22	1.4	0.3	< 10	48.58	21.20	9.19	0.115	3.15	9.38	3.48	0.85	0.84	0.46	0.028	3.15
WD13-005-011	0.6	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.06	3.81	1.1	0.3	< 10	48.67	19.78	10.15	0.147	3.65	7.89	3.60	1.65	0.98	0.52	0.029	2.33
WD13-005-012	0.5	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.05	2.92	1.6	0.4	< 10	51.67	19.48	9.17	0.128	3.41	8.06	3.76	1.12	0.88	0.42	0.031	2.10
WD13-005-013	0.4	< 0.1	0.2	< 0.05	0.5	< 0.001	< 5	0.05	1.68	1.7	0.4	< 10	47.56	15.48	12.43	0.189	7.57	9.01	2.45	1.07	0.90	0.12	0.063	2.48
WD13-005-014	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.01	0.8	0.2	< 10	46.01	15.72	14.32	0.196	6.89	9.84	1.92	1.24	1.07	0.08	0.080	2.33
WD13-005-015	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.04	1.41	0.7	0.2	< 10	46.18	16.24	13.93	0.179	6.59	10.23	2.26	1.15	1.05	0.08	0.078	1.99
WD13-005-016	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	1.29	0.8	0.2	< 10	46.05	16.23	14.13	0.176	6.76	10.23	2.27	1.07	1.06	0.09	0.082	2.21
WD13-005-017	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	1.68	0.7	0.2	< 10	46.51	16.07	14.36	0.180	6.77	10.31	2.26	1.13	1.09	0.09	0.087	1.86
WD13-005-018	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	3.14	1.0	0.3	< 10	46.52	16.49	13.98	0.172	6.50	10.28	2.06	1.10	1.06	0.08	0.078	1.74
WD13-005-019	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	3.19	1.0	0.3	< 10	47.19	17.65	12.97	0.170	5.98	9.73	2.38	1.36	1.02	0.09	0.071	1.93
WD13-005-020	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	1600	0.03	5.11	0.2	< 0.1	20	45.42	22.09	6.94	0.084	8.67	12.79	1.30	0.11	0.10	0.01	0.009	2.73
WD13-005-021	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.05	1.86	2.1	0.7	10	49.15	17.76	11.81	0.146	5.05	9.68	2.60	1.36	0.95	0.09	0.064	2.04
WD13-005-022	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.16	0.8	0.2	< 10	45.43	17.90	12.69	0.161	5.45	9.65	2.45	1.50	1.00	0.09	0.066	2.87
WD13-005-023	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.56	0.7	0.2	< 10	46.06	17.71	13.61	0.174	5.75	9.79	2.31	1.47	1.09	0.09	0.072	2.19
WD13-005-024	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.44	0.9	0.2	< 10	46.50	18.03	12.99	0.163	5.41	9.62	2.28	1.49	1.04	0.09	0.072	2.06
WD13-005-025	0.4	< 0.1	< 0.1	< 0.05	0.8	< 0.001	< 5	0.06	2.79	1.0	0.2	< 10	47.07	18.08	13.45	0.174	5.55	9.74	2.16	1.21	1.09	0.10	0.074	1.77
WD13-005-026	0.4	< 0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.04	1.64	1.6	0.4	< 10	49.63	16.94	12.38	0.150	5.08	8.91	2.70	0.92	1.04	0.09	0.067	1.74
WD13-005-027	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.29	2.3	0.7	< 10	49.74	16.08	13.50	0.167	5.79	9.51	2.26	0.84	1.09	0.06	0.082	1.48
WD13-005-028	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.06	2.79	1.4	0.4	< 10	49.22	16.90	13.23	0.155	5.63	10.17	2.08	0.76	1.06	0.06	0.080	1.33
WD13-005-029	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.48	1.1	0.2	< 10	46.28	17.13	14.42	0.166	6.12	10.74	1.98	0.89	1.17	0.06	0.091	1.71
WD13-005-030	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.47	1.2	0.4	< 10	46.43	16.12	14.79	0.178	6.79	10.28	1.98	1.04	1.14	0.07	0.085	1.59
WD13-005-031	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.78	0.8	0.2	< 10	46.43	14.88	15.33	0.191	7.66	10.20	1.82	0.91	1.11	0.07	0.083	1.82
WD13-005-032	0.3	< 0.1	0.3	< 0.05	< 0.1	< 0.001	< 5	0.08	3.41	1.9	0.6	< 10	58.87	16.04	7.85	0.107	3.88	5.94	3.84	1.12	0.65	0.08	0.038	1.63
WD13-005-033	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	3.43	1.7	0.3	< 10	49.07	17.52	12.20	0.151	5.31	10.23	2.37	0.95	0.94	0.09	0.073	1.42
WD13-005-034	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.89	1.3	0.3	< 10	51.67	16.56	11.40	0.139	4.89	9.45	2.34	0.79	0.85	0.07	0.066	1.32
WD13-005-035	< 0.1	< 0.1	< 0.1	< 0.05	0.1	0.003	948	0.03	5.39	0.2	< 0.1	20	45.47	22.06	6.96	0.090	8.65	12.86	1.28	0.11	0.10	0.02	0.008	2.87

Activation Laboratories Ltd. Report: A13-07250

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 10 2013 11:45AM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM
WD13-005-001	99.99	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-005-002	100.0	0.03	0.021	< 0.004	0.010	0.06	502	1940	462
WD13-005-003	99.39	< 0.01	< 0.003	< 0.004	0.005	0.04	2	1.1	0.6
WD13-005-004	100.2	< 0.01	0.009	0.004	0.004	0.10	< 1	0.4	0.4
WD13-005-005	100.7	< 0.01	< 0.003	< 0.004	0.006	0.12	< 1	0.3	0.3
WD13-005-006	99.96	0.01	< 0.003	< 0.004	< 0.004	0.12	< 1	0.4	0.5
WD13-005-007	100.4	0.01	< 0.003	0.004	< 0.004	0.12	< 1	0.3	0.6
WD13-005-008	99.81	< 0.01	< 0.003	< 0.004	< 0.004	0.13	< 1	0.7	0.3
WD13-005-009	100.5	< 0.01	< 0.003	< 0.004	< 0.004	0.02	< 1	< 0.1	0.1
WD13-005-010	100.4	< 0.01	< 0.003	< 0.004	< 0.004	0.08	< 1	0.2	0.2
WD13-005-011	99.41	< 0.01	< 0.003	0.004	< 0.004	0.14	< 1	< 0.1	0.2
WD13-005-012	100.2	< 0.01	< 0.003	< 0.004	< 0.004	0.08	< 1	0.1	0.2
WD13-005-013	99.37	0.03	0.009	0.005	0.006	0.13	< 1	0.7	1.1
WD13-005-014	99.72	0.01	0.003	0.006	0.008	0.21	< 1	0.9	1.1
WD13-005-015	99.99	0.01	0.005	0.004	0.007	0.18	< 1	0.7	0.9
WD13-005-016	100.4	0.01	0.006	0.006	0.009	0.17	< 1	0.7	0.9
WD13-005-017	100.8	0.01	0.005	0.006	0.007	0.12	< 1	0.8	1.0
WD13-005-018	100.1	0.01	0.003	0.005	0.009	0.17	< 1	0.7	0.9
WD13-005-019	100.6	< 0.01	< 0.003	0.005	0.007	0.14	< 1	0.5	0.6
WD13-005-020	100.4	0.07	0.063	< 0.004	0.021	0.10	1220	6070	1400
WD13-005-021	100.7	< 0.01	< 0.003	0.004	0.004	0.08	< 1	1.3	0.4
WD13-005-022	99.28	< 0.01	< 0.003	0.005	0.006	0.13	< 1	0.9	0.4
WD13-005-023	100.3	< 0.01	< 0.003	0.004	0.008	0.16	< 1	0.7	0.4
WD13-005-024	99.76	< 0.01	< 0.003	0.005	0.007	0.15	< 1	0.4	0.3
WD13-005-025	100.5	< 0.01	< 0.003	0.006	0.009	0.20	< 1	0.4	0.3
WD13-005-026	99.67	< 0.01	< 0.003	0.004	0.006	0.15	< 1	0.4	0.3
WD13-005-027	100.6	0.01	< 0.003	0.004	0.007	0.13	< 1	0.8	0.7
WD13-005-028	100.7	0.01	0.003	0.004	0.008	0.17	< 1	0.8	0.9
WD13-005-029	100.8	0.01	0.004	0.005	0.010	0.22	< 1	0.9	0.7
WD13-005-030	100.5	0.03	0.006	0.004	0.005	0.11	< 1	1.4	1.1
WD13-005-031	100.6	0.04	0.009	0.005	0.007	0.16	< 1	0.8	0.9
WD13-005-032	100.1	0.01	< 0.003	< 0.004	0.005	0.08	< 1	0.3	0.3
WD13-005-033	100.4	0.01	0.004	0.004	0.010	0.18	< 1	0.4	0.4
WD13-005-034	99.56	< 0.01	0.003	0.004	0.008	0.18	< 1	0.6	0.7
WD13-005-035	100.6	0.08	0.063	0.004	0.021	0.11	1230	6440	1410

Activation Laboratories Ltd. Report: A13-07250

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
LKSD-4 LABSTD																											
BaSO4 LABSTD																											
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GS900-5 LABSTD																											
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GS900-5 LABSTD																											
CDN-PGMS-22 LABSTD																											
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CDN-PGMS-23 LABSTD																											
CDN-PGMS-23 LABSTD																											
WD13-005-002 Replicate Original	11.5	0.2	6	0.375	1.88	5.63	0.16	0.09	3.66	6.7	59	84.5	503	3.55	17.0	195	93.8	44.8	7.75	< 0.1	5.3	0.5	4.4	64.7			
WD13-005-002 LABDUP	11.6	0.3	6	0.358	1.75	5.42	0.15	0.08	3.49	6.2	56	81.4	487	3.41	16.5	188	89.2	41.5	7.38	< 0.1	4.5	0.5	4.2	62.0			
WD13-005-004 Replicate Original																											
WD13-005-004 LABDUP																											
WD13-005-007 Replicate Original																											
WD13-005-007 LABDUP																											
WD13-005-014 Replicate Original																											
WD13-005-014 LABDUP																											
WD13-005-017 Replicate Original																											
WD13-005-017 LABDUP																											
WD13-005-024 Replicate Original																											

Activation Laboratories Ltd. Report: A13-07250

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

WD13-005-024 LABDUP																								
WD13-005-027 Replicate Original																								
WD13-005-027 LABDUP																								
WD13-005-030 Split Original	16.7	0.4	6	0.475	2.25	4.39	0.28	0.12	4.31	16.9	302	194	697	5.78	36.5	39.6	55.8	56.4	10.6	< 0.1	0.4	0.3	7.5	127
WD13-005-030 LABPREP	17.3	0.4	6	0.481	2.27	4.46	0.28	0.12	4.33	16.9	304	196	703	5.76	36.5	39.7	56.6	57.0	10.5	< 0.1	0.8	0.3	7.6	127
WD13-005-031 Replicate Original	18.6	0.3	5	0.397	2.34	3.92	0.25	0.04	3.98	15.5	306	329	658	5.97	38.7	72.7	86.4	54.3	9.89	< 0.1	0.5	0.2	7.6	112
WD13-005-031 LABDUP	19.0	0.3	5	0.405	2.33	3.94	0.26	0.04	3.94	15.6	308	330	681	6.08	39.4	71.6	83.8	57.2	9.84	< 0.1	0.6	0.3	7.4	111
WD13-005-032 Replicate Original	30.7	0.3	6	0.287	1.69	2.63	0.34	0.08	2.08	9.8	166	108	483	3.71	21.9	31.1	41.3	51.8	8.26	0.1	0.9	0.1	14.5	81.2
WD13-005-032 LABDUP	30.1	0.3	6	0.274	1.68	2.71	0.34	0.08	2.10	10.0	167	106	512	3.74	22.2	31.0	40.2	50.6	8.30	< 0.1	0.8	< 0.1	14.4	79.9

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

WD13-005-024 LABDUP

WD13-005-027

Replicate Original

WD13-005-027 LABDUP

WD13-005-030 Split

Original

WD13-005-030

LABPREP

WD13-005-031

Replicate Original

WD13-005-031 LABDUP

WD13-005-032

Replicate Original

WD13-005-032 LABDUP

4.23	4.0	< 0.1	0.63	0.057	0.05	< 0.02	0.24	< 0.02	< 0.02	0.82	74	5.2	10.2	1.2	4.75	0.9	0.4	1.0	0.2	1.0	0.2	0.5	< 0.1
4.26	3.8	< 0.1	0.24	0.063	0.05	< 0.02	0.24	< 0.02	< 0.02	0.83	76	5.2	10.3	1.2	4.70	0.9	0.4	1.1	0.2	1.0	0.2	0.6	< 0.1
3.87	3.7	< 0.1	0.26	0.053	0.02	< 0.02	0.18	< 0.02	< 0.02	0.87	70	4.4	8.44	1.0	4.01	0.8	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1
3.92	3.8	< 0.1	0.29	0.061	0.04	< 0.02	0.19	< 0.02	< 0.02	0.87	71	4.3	8.41	1.0	4.09	0.9	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1
3.95	10.6	< 0.1	0.15	0.114	0.02	< 0.02	0.42	0.04	< 0.02	1.30	81	9.7	19.3	2.3	8.47	1.5	0.4	1.3	0.2	1.0	0.2	0.5	< 0.1
4.01	12.4	< 0.1	0.11	0.047	0.01	< 0.02	0.41	0.04	< 0.02	1.27	78	9.4	18.6	2.2	8.13	1.4	0.4	1.3	0.2	0.9	0.2	0.5	< 0.1

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	ppb	ppb	ppb
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 10 11:45:24	2013-07- 12 15:54:12	2013-07- 12 15:54:12	2013-07- 12 15:54:12

LKSD-4 LABSTD													0.96			
LKSD-4 LABSTD													0.97			
LKSD-4 LABSTD													1.01			
LKSD-4 LABSTD													0.97			
LKSD-4 LABSTD													1.00			
LKSD-4 LABSTD													1.03			
BaSO4 LABSTD													14.6			
BaSO4 LABSTD													14.3			
BaSO4 LABSTD													14.7			
BaSO4 LABSTD													14.0			
BaSO4 LABSTD													14.3			
BaSO4 LABSTD													14.3			
GS311-4 LABSTD													0.52			
GS311-4 LABSTD													0.52			
GS311-4 LABSTD													0.53			
GS311-4 LABSTD													0.53			
GS311-4 LABSTD													0.52			
GS311-4 LABSTD													0.51			
GS900-5 LABSTD													0.34			
GS900-5 LABSTD													0.36			
GS900-5 LABSTD													0.33			
GS900-5 LABSTD													0.35			
GS900-5 LABSTD													0.35			
CDN-PGMS-22 LABSTD														1330	6190	1440
CDN-PGMS-22 LABSTD														1260	6080	1270
CDN-PGMS-22 LABSTD														1380	6450	1370
CDN-PGMS-22 LABSTD														1350	6500	1330
CDN-PGMS-22 LABSTD														1370	6160	1300
CDN-PGMS-22 LABSTD														1230	6150	1260
CDN-PGMS-22 LABSTD														1360	6440	1350
CDN-PGMS-23 LABSTD														479	2030	467
CDN-PGMS-23 LABSTD														505	2060	428
CDN-PGMS-23 LABSTD														520	2110	453
CDN-PGMS-23 LABSTD														523	2160	469
CDN-PGMS-23 LABSTD														434	1970	434
CDN-PGMS-23 LABSTD														470	1890	401
CDN-PGMS-23 LABSTD														511	2140	470
WD13-005-002 Replicate Original	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	1800	0.06	4.01	0.9	0.3	30				
WD13-005-002 LABDUP	0.6	< 0.1	0.2	< 0.05	0.2	0.002	1800	0.06	3.93	0.9	0.3	< 10				
WD13-005-004 Replicate Original														< 1	0.5	0.4
WD13-005-004 LABDUP														< 1	0.3	0.4
WD13-005-007 Replicate Original														0.12		
WD13-005-007 LABDUP														0.12		
WD13-005-014 Replicate Original														< 1	0.9	1.1
WD13-005-014 LABDUP														< 1	0.9	1.1
WD13-005-017 Replicate Original														0.12		
WD13-005-017 LABDUP														0.12		
WD13-005-024 Replicate Original														< 1	0.5	0.3

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	ppb	ppb	ppb
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 10 11:45:24	2013-07- 12 15:54:12	2013-07- 12 15:54:12	2013-07- 12 15:54:12

WD13-005-024 LABDUP														< 1	0.4	0.3
WD13-005-027 Replicate Original														0.14		
WD13-005-027 LABDUP														0.13		
WD13-005-030 Split Original	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.47	1.2	0.4	< 10	0.11	< 1	1.4	1.1
WD13-005-030 LABPREP	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.67	1.3	0.4	< 10	0.11	< 1	1.5	0.8
WD13-005-031 Replicate Original	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.05	2.80	0.9	0.2	< 10				
WD13-005-031 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.77	0.8	0.2	< 10				
WD13-005-032 Replicate Original	0.3	< 0.1	0.3	< 0.05	< 0.1	0.001	< 5	0.08	3.52	1.9	0.6	< 10				
WD13-005-032 LABDUP	0.3	< 0.1	0.4	< 0.05	< 0.1	< 0.001	< 5	0.09	3.30	1.9	0.6	< 10				



Date Submitted: 27-Jun-13
Invoice No.: A13-07261
Invoice Date: 22-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07261**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	
WD13-005-036	5.1	< 0.1	26	0.012	> 10.0	0.03	0.02	< 0.02	20.0	< 0.1	3	0.8	462	0.12	0.7	7.3	1.07	18.3	< 0.02	< 0.1	0.7	< 0.1	0.5	150		
WD13-005-037	12.4	0.3	7	0.402	1.94	5.63	0.15	0.10	3.38	6.2	57	81.5	492	3.44	16.3	187	90.8	41.5	7.36	< 0.1	4.6	0.4	4.4	65.7		
WD13-005-038	15.5	0.4	6	0.183	1.08	2.41	0.21	0.08	1.45	7.4	78	41.8	562	3.39	9.6	34.1	45.4	48.8	5.99	< 0.1	5.2	0.2	6.1	67.7		
WD13-005-039	16.3	0.5	9	0.814	1.56	6.20	0.23	0.03	4.45	11.3	320	76.5	466	5.31	32.3	34.5	88.0	40.0	11.6	< 0.1	0.8	0.3	6.8	272		
WD13-005-040	16.7	0.4	9	0.491	1.59	4.75	0.23	0.06	4.16	11.4	295	67.0	494	5.02	32.0	32.1	93.7	41.2	9.93	< 0.1	0.4	0.2	7.3	177		
WD13-005-041	20.1	0.5	6	0.624	2.28	4.39	0.30	0.05	3.78	16.4	257	42.2	672	5.24	32.5	28.8	66.6	53.2	10.4	0.1	0.7	< 0.1	7.4	136		
WD13-005-042	17.4	0.4	6	0.382	1.74	4.14	0.21	0.14	3.87	11.6	235	51.2	511	4.39	30.5	29.0	86.9	44.2	9.11	< 0.1	0.6	0.1	6.3	150		
WD13-005-043	23.5	0.4	5	0.258	1.52	3.28	0.12	0.18	2.99	8.5	210	48.6	433	4.06	33.0	27.3	82.2	42.1	7.77	< 0.1	0.7	0.1	3.0	102		
WD13-005-044	18.8	0.5	6	0.460	1.75	4.56	0.23	0.04	3.90	12.1	254	55.3	535	4.63	30.3	28.9	81.3	42.2	9.60	< 0.1	0.7	0.3	6.9	158		
WD13-005-045	18.8	0.5	6	0.459	1.71	4.43	0.19	0.08	4.01	11.8	234	44.9	487	4.41	28.2	27.2	71.0	41.4	9.49	< 0.1	0.5	< 0.1	5.4	150		
WD13-005-046	16.4	0.4	6	0.656	1.85	4.98	0.24	0.07	3.94	12.9	242	41.3	551	4.75	29.2	25.7	67.3	44.4	10.0	< 0.1	0.7	< 0.1	7.2	209		
WD13-005-047	25.3	0.5	7	0.760	2.10	6.30	0.27	0.08	4.91	14.7	323	33.8	641	6.08	36.4	30.3	79.5	54.7	12.8	0.1	0.8	0.2	8.8	247		
WD13-005-048	20.6	0.5	5	0.680	1.83	5.48	0.20	0.06	4.27	12.6	334	44.5	537	5.87	35.0	29.8	92.7	49.9	11.6	< 0.1	0.5	0.2	5.8	240		
WD13-005-049	22.4	0.6	8	0.758	2.13	6.20	0.28	0.08	4.89	15.0	379	48.3	659	6.66	39.9	33.0	100	56.8	12.9	< 0.1	0.8	0.2	9.5	266		
WD13-005-050	20.2	0.5	7	0.659	1.69	5.51	0.20	0.02	4.28	12.0	306	46.5	506	5.39	32.7	29.3	74.5	44.7	11.3	< 0.1	0.5	< 0.1	5.7	223		
WD13-005-051	17.5	0.5	7	0.726	1.83	5.73	0.21	0.02	4.58	13.4	288	66.5	554	5.20	33.0	32.1	91.6	43.9	11.1	< 0.1	0.7	0.1	5.4	252		
WD13-005-052	21.9	0.5	7	0.629	1.92	5.41	0.25	0.03	4.68	15.1	327	76.8	620	5.88	36.1	35.8	94.5	51.2	12.1	< 0.1	0.9	0.5	8.4	229		
WD13-005-053	19.9	0.4	7	0.615	1.46	5.17	0.16	< 0.02	4.23	11.0	312	75.9	497	5.41	32.4	33.4	100	41.2	11.2	< 0.1	0.7	0.3	4.8	239		
WD13-005-054	19.7	0.4	7	0.648	1.44	5.43	0.17	0.02	4.14	10.5	307	78.0	484	5.30	32.2	33.4	96.7	41.2	11.2	< 0.1	0.8	0.4	5.2	248		
WD13-005-055	3.5	< 0.1	6	0.833	3.16	> 10.0	0.06	0.13	6.97	2.6	18	153	347	3.34	28.7	488	190	23.2	10.0	< 0.1	2.9	0.5	1.4	81.9		
WD13-005-056	21.3	0.5	15	0.588	1.70	5.16	0.24	0.03	4.25	12.8	301	75.1	559	5.39	33.1	32.9	98.0	44.8	11.0	< 0.1	0.8	0.3	8.3	232		
WD13-005-057	21.5	0.4	18	0.406	1.57	4.29	0.19	0.03	3.58	11.0	275	70.4	512	4.85	31.1	31.4	92.7	41.4	9.27	< 0.1	0.7	0.2	6.3	177		
WD13-005-058	34.0	0.4	5	0.168	1.79	3.34	0.12	0.04	2.84	10.1	238	54.1	515	4.64	31.3	30.3	83.4	45.1	8.61	0.1	0.7	0.1	3.8	180		
WD13-005-059	45.4	0.3	5	0.130	1.99	3.56	0.09	0.08	2.85	9.4	232	48.2	493	4.75	32.6	30.6	75.5	48.6	8.67	< 0.1	0.6	0.2	3.4	246		
WD13-005-060	26.0	0.5	8	0.373	1.97	4.14	0.24	0.12	3.60	12.7	247	41.5	620	4.84	30.3	26.8	51.4	48.8	9.58	< 0.1	0.5	< 0.1	8.6	170		
WD13-005-061	21.1	0.4	8	0.449	1.82	4.10	0.23	0.10	3.58	12.6	256	58.6	580	4.88	31.1	29.7	88.6	44.7	9.04	< 0.1	0.6	0.2	7.6	139		
WD13-005-062	23.6	0.5	10	0.528	2.18	4.79	0.29	0.05	4.18	15.7	266	59.8	701	5.28	34.9	33.8	90.1	53.7	10.5	< 0.1	0.4	0.2	8.4	156		
WD13-005-063	17.6	0.5	20	0.448	1.68	4.01	0.22	0.08	3.57	12.0	226	65.7	531	4.43	26.0	29.0	78.9	43.8	9.04	< 0.1	0.8	0.2	6.8	139		
WD13-005-064	21.1	0.5	15	0.472	1.75	4.46	0.22	0.06	3.87	12.0	256	74.0	570	4.92	31.5	31.3	111	46.2	9.72	< 0.1	0.5	0.2	6.8	153		
WD13-005-065	17.6	0.6	21	0.629	1.85	5.25	0.28	0.06	4.27	14.0	265	70.4	602	5.07	32.2	31.8	106	48.1	10.6	< 0.1	0.6	0.2	9.2	208		
WD13-005-066	23.8	0.5	9	0.440	1.87	3.94	0.20	0.09	3.36	12.4	232	54.8	575	4.70	30.0	29.0	83.8	48.9	9.67	< 0.1	0.6	< 0.1	5.2	130		
WD13-005-067	20.8	0.6	8	0.562	2.04	4.74	0.28	0.07	3.94	14.4	262	52.8	643	5.29	33.5	33.2	96.5	55.1	10.8	0.1	0.7	0.3	8.3	177		
WD13-005-068	17.2	0.4	6	0.532	1.73	4.73	0.18	0.03	3.96	12.0	295	94.6	541	5.30	33.7	36.7	95.8	46.8	10.4	< 0.1	0.5	< 0.1	5.0	216		
WD13-005-069	16.3	0.4	7	0.526	1.10	4.52	0.11	< 0.02	3.37	7.2	267	93.9	337	4.47	29.1	34.1	94.3	32.6	9.20	< 0.1	0.7	0.3	3.0	227		
WD13-005-070	3.4	0.1	5	0.813	3.11	> 10.0	0.06	0.12	6.77	2.6	17	149	334	3.23	27.9	477	185	23.6	9.74	< 0.1	2.9	0.7	1.3	79.2		

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Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
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WD13-005-036	0.35	0.4	< 0.1	0.05	0.038	0.04	< 0.02	< 0.05	0.04	< 0.02	0.17	62	< 0.5	0.57	< 0.1	0.28	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-005-037	6.98	5.3	< 0.1	8.19	0.130	0.09	0.02	1.60	0.80	0.15	0.38	90	4.9	12.6	1.4	5.74	1.3	0.4	1.6	0.3	1.6	0.3	0.9	0.1
WD13-005-038	9.59	7.1	0.2	7.43	0.102	0.09	0.02	1.19	0.55	< 0.02	0.45	130	6.4	13.3	1.9	7.88	1.8	0.6	2.1	0.3	2.2	0.4	1.2	0.2
WD13-005-039	3.74	4.4	< 0.1	0.53	0.077	0.01	< 0.02	0.22	0.03	< 0.02	1.01	98	5.7	10.7	1.2	4.79	0.9	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1
WD13-005-040	3.61	3.7	< 0.1	0.28	0.078	0.01	< 0.02	0.23	0.03	< 0.02	0.95	85	4.7	9.02	1.1	4.31	0.9	0.4	0.9	0.1	0.8	0.2	0.5	< 0.1
WD13-005-041	5.16	7.1	< 0.1	0.23	0.067	0.02	< 0.02	0.42	0.03	< 0.02	1.03	97	6.8	13.9	1.7	6.52	1.3	0.5	1.4	0.2	1.2	0.2	0.7	< 0.1
WD13-005-042	3.72	3.7	< 0.1	0.21	0.057	0.02	< 0.02	0.20	< 0.02	< 0.02	0.72	67	5.3	10.6	1.3	4.87	0.9	0.4	1.0	0.1	0.9	0.2	0.5	< 0.1
WD13-005-043	3.33	4.4	< 0.1	0.20	0.072	< 0.01	< 0.02	0.22	< 0.02	< 0.02	0.56	35	5.6	11.1	1.3	4.77	0.9	0.4	0.9	0.1	0.8	0.2	0.4	< 0.1
WD13-005-044	3.99	4.6	< 0.1	0.22	0.075	0.02	< 0.02	0.22	< 0.02	< 0.02	0.86	85	5.7	11.1	1.3	5.02	1.0	0.4	1.0	0.2	0.9	0.2	0.5	< 0.1
WD13-005-045	3.65	4.1	< 0.1	0.13	0.067	< 0.01	< 0.02	0.21	< 0.02	< 0.02	0.88	63	6.6	12.5	1.4	5.22	0.9	0.4	1.0	0.1	0.8	0.2	0.5	< 0.1
WD13-005-046	3.96	5.7	< 0.1	0.15	0.054	0.02	< 0.02	0.32	0.02	< 0.02	1.06	86	6.4	12.3	1.4	5.46	1.0	0.5	1.0	0.2	0.9	0.2	0.5	< 0.1
WD13-005-047	4.75	4.5	< 0.1	0.99	0.052	0.02	< 0.02	0.29	0.02	< 0.02	1.49	97	8.4	16.6	1.9	7.30	1.3	0.6	1.3	0.2	1.1	0.2	0.6	< 0.1
WD13-005-048	3.79	3.5	< 0.1	0.19	0.052	0.02	< 0.02	0.23	< 0.02	< 0.02	1.04	63	5.6	11.0	1.3	5.05	1.0	0.5	1.0	0.1	0.9	0.2	0.5	< 0.1
WD13-005-049	4.32	4.7	< 0.1	0.25	0.054	0.03	0.02	0.30	0.02	< 0.02	1.31	96	5.4	10.7	1.3	5.23	1.0	0.5	1.1	0.2	1.0	0.2	0.6	< 0.1
WD13-005-050	3.95	4.0	< 0.1	0.45	0.044	0.02	< 0.02	0.21	< 0.02	< 0.02	0.94	74	7.8	14.6	1.6	5.96	1.1	0.5	1.1	0.2	0.9	0.2	0.5	< 0.1
WD13-005-051	4.14	3.3	< 0.1	0.25	0.057	0.03	< 0.02	0.20	< 0.02	< 0.02	0.87	71	5.8	11.3	1.4	5.29	1.0	0.5	1.1	0.2	1.0	0.2	0.5	< 0.1
WD13-005-052	4.86	4.7	< 0.1	0.32	0.025	0.02	< 0.02	0.27	0.04	< 0.02	1.20	95	5.8	11.4	1.4	5.49	1.1	0.5	1.2	0.2	1.0	0.2	0.6	< 0.1
WD13-005-053	3.79	4.0	< 0.1	0.41	0.028	0.01	< 0.02	0.19	0.03	< 0.02	0.96	67	4.8	9.29	1.1	4.53	0.9	0.4	0.9	0.1	0.9	0.2	0.5	< 0.1
WD13-005-054	3.67	4.1	< 0.1	0.90	0.029	0.01	< 0.02	0.20	0.03	< 0.02	0.95	69	5.0	9.65	1.2	4.65	0.9	0.5	0.9	0.1	0.8	0.2	0.5	< 0.1
WD13-005-055	0.84	0.8	< 0.1	7.49	0.128	0.05	< 0.02	1.51	1.01	0.48	0.15	20	1.4	6.07	0.2	0.88	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1
WD13-005-056	4.29	5.0	< 0.1	0.45	0.038	0.01	< 0.02	0.25	0.02	< 0.02	1.12	106	5.4	10.6	1.3	5.16	1.1	0.5	1.1	0.2	1.0	0.2	0.6	< 0.1
WD13-005-057	4.02	3.8	< 0.1	0.33	0.047	< 0.01	< 0.02	0.19	< 0.02	< 0.02	0.92	99	5.0	10.1	1.2	5.02	1.0	0.4	1.1	0.2	0.9	0.2	0.5	< 0.1
WD13-005-058	3.84	4.8	< 0.1	0.25	0.033	< 0.01	< 0.02	0.22	< 0.02	< 0.02	0.39	33	5.8	11.4	1.4	5.24	1.0	0.4	1.0	0.2	0.9	0.2	0.5	< 0.1
WD13-005-059	3.80	5.0	< 0.1	0.22	0.030	< 0.01	< 0.02	0.23	< 0.02	< 0.02	0.34	22	6.3	11.8	1.4	5.41	1.0	0.4	1.1	0.2	0.9	0.2	0.5	< 0.1
WD13-005-060	4.39	3.9	< 0.1	0.13	0.027	< 0.01	< 0.02	0.28	< 0.02	< 0.02	0.92	95	6.2	12.5	1.5	5.83	1.2	0.5	1.2	0.2	1.0	0.2	0.6	< 0.1
WD13-005-061	4.37	4.2	< 0.1	0.19	0.037	0.03	< 0.02	0.22	< 0.02	< 0.02	1.13	96	6.2	12.7	1.5	5.92	1.2	0.5	1.2	0.2	1.0	0.2	0.6	< 0.1
WD13-005-062	4.98	3.8	< 0.1	0.31	0.025	< 0.01	0.02	0.26	< 0.02	< 0.02	1.26	107	6.8	14.1	1.7	6.70	1.3	0.5	1.3	0.2	1.1	0.2	0.6	< 0.1
WD13-005-063	4.23	3.4	< 0.1	0.13	0.025	0.01	< 0.02	0.25	< 0.02	< 0.02	1.01	87	6.7	13.6	1.6	6.23	1.1	0.5	1.1	0.2	1.0	0.2	0.5	< 0.1
WD13-005-064	4.09	3.5	< 0.1	0.10	0.029	< 0.01	< 0.02	0.23	< 0.02	< 0.02	1.12	90	5.9	12.1	1.5	5.79	1.1	0.5	1.1	0.2	0.9	0.2	0.5	< 0.1
WD13-005-065	4.98	3.9	< 0.1	0.32	0.035	0.02	0.02	0.30	< 0.02	< 0.02	1.40	102	6.7	13.9	1.7	6.79	1.3	0.6	1.3	0.2	1.1	0.2	0.6	< 0.1
WD13-005-066	4.84	3.7	< 0.1	0.27	0.036	0.01	< 0.02	0.30	< 0.02	< 0.02	0.99	64	7.8	16.8	2.1	7.94	1.4	0.5	1.4	0.2	1.1	0.2	0.6	< 0.1
WD13-005-067	6.00	4.4	< 0.1	0.26	0.041	0.02	0.02	0.33	0.02	< 0.02	1.09	98	10.9	23.5	2.9	11.1	2.0	0.7	1.8	0.2	1.4	0.3	0.7	0.1
WD13-005-068	4.30	3.9	< 0.1	0.36	0.054	0.02	< 0.02	0.23	< 0.02	< 0.02	0.85	69	7.6	15.8	1.9	7.45	1.3	0.5	1.3	0.2	1.0	0.2	0.5	< 0.1
WD13-005-069	2.63	2.8	< 0.1	0.22	0.048	0.01	< 0.02	0.14	< 0.02	< 0.02	0.83	46	4.4	8.50	1.0	3.80	0.7	0.3	0.7	< 0.1	0.6	0.1	0.3	< 0.1
WD13-005-070	0.83	0.8	< 0.1	7.19	0.141	0.04	< 0.02	1.49	0.97	0.50	0.14	20	1.4	5.96	0.2	0.86	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	
WD13-005-036	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.04	< 0.1	0.4	< 10	4.58	< 0.01	0.12	0.061	21.38	29.40	< 0.01	< 0.01	0.01	0.01	< 0.003	43.42
WD13-005-037	0.6	< 0.1	0.2	< 0.05	0.1	0.002	339	0.07	4.00	1.0	0.3	< 10	60.10	15.68	6.55	0.099	4.56	6.81	2.23	0.76	0.46	0.09	0.017	1.89
WD13-005-038	0.9	0.1	0.2	< 0.05	0.4	0.002	< 5	0.08	2.90	1.5	0.5	< 10	66.63	13.24	6.39	0.110	2.37	4.23	3.01	1.13	0.62	0.14	0.019	1.45
WD13-005-039	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.54	1.5	0.4	< 10	48.33	17.10	13.13	0.157	5.72	10.72	1.82	0.70	1.01	0.07	0.082	1.23
WD13-005-040	0.4	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.05	1.92	0.8	0.2	< 10	46.64	17.07	13.77	0.166	6.06	10.70	1.88	1.10	1.06	0.06	0.084	1.75
WD13-005-041	0.5	< 0.1	0.2	< 0.05	< 0.1	< 0.001	78	0.05	2.06	1.6	0.5	< 10	54.22	16.12	11.07	0.130	4.79	8.82	2.47	0.63	0.84	0.08	0.064	1.24
WD13-005-042	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.05	1.56	1.1	0.3	< 10	47.21	17.35	13.25	0.159	5.79	10.55	2.19	1.11	1.00	0.07	0.081	1.97
WD13-005-043	0.3	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.02	1.31	1.4	0.3	< 10	47.98	16.57	13.10	0.160	5.82	10.12	2.53	0.80	1.01	0.07	0.081	2.26
WD13-005-044	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.91	1.4	0.4	< 10	48.82	17.13	12.52	0.154	5.41	9.90	2.21	1.05	0.95	0.06	0.078	1.72
WD13-005-045	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.93	2.1	0.5	< 10	50.21	16.88	12.13	0.143	5.25	10.03	2.20	0.85	0.94	0.07	0.074	1.61
WD13-005-046	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.05	2.00	1.5	0.3	10	55.85	15.38	10.75	0.128	4.53	8.85	2.07	0.59	0.83	0.06	0.064	1.24
WD13-005-047	0.5	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.06	2.12	1.4	0.3	< 10	47.72	17.61	13.12	0.148	5.15	10.29	2.12	0.67	1.07	0.11	0.079	1.68
WD13-005-048	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.37	0.9	0.3	< 10	47.22	16.46	14.65	0.161	5.81	10.42	1.73	0.62	1.18	0.08	0.091	1.26
WD13-005-049	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.55	1.0	0.2	< 10	46.23	17.01	14.97	0.168	5.91	10.74	1.77	0.73	1.21	0.08	0.096	1.58
WD13-005-050	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.33	1.8	0.5	< 10	48.80	17.26	13.05	0.153	5.39	10.48	2.04	0.68	1.03	0.08	0.082	1.39
WD13-005-051	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.36	1.0	0.3	< 10	46.93	16.95	13.59	0.162	5.90	10.92	1.77	0.69	1.04	0.08	0.083	1.32
WD13-005-052	0.5	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.06	2.04	1.3	0.3	< 10	46.87	16.59	14.14	0.165	6.08	10.75	1.86	0.74	1.08	0.08	0.086	1.68
WD13-005-053	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.89	1.0	0.3	< 10	46.56	17.04	14.09	0.166	6.12	10.92	1.79	0.69	1.07	0.08	0.088	1.49
WD13-005-054	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.04	2.06	1.2	0.4	< 10	47.27	16.89	13.80	0.165	6.07	10.81	1.85	0.68	1.02	0.08	0.087	1.85
WD13-005-055	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	721	0.03	5.10	0.2	< 0.1	10	45.60	22.16	7.04	0.089	8.77	12.88	0.99	0.11	0.10	0.01	0.009	2.59
WD13-005-056	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	7	0.07	2.32	1.4	0.5	< 10	47.84	16.93	13.46	0.162	5.77	10.69	1.98	0.78	1.02	0.08	0.081	1.76
WD13-005-057	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.06	0.8	0.2	< 10	46.57	17.19	13.77	0.166	6.09	10.68	2.08	0.99	1.06	0.08	0.085	1.93
WD13-005-058	0.4	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.03	1.14	2.0	0.4	< 10	47.61	16.34	13.17	0.154	5.81	10.66	2.44	0.56	1.00	0.08	0.085	2.18
WD13-005-059	0.4	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.02	0.96	1.0	0.2	< 10	45.88	16.74	13.31	0.146	5.97	10.90	2.47	0.46	1.01	0.08	0.079	2.57
WD13-005-060	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.41	1.0	0.3	< 10	46.93	17.30	13.25	0.164	5.78	10.17	2.39	0.97	1.03	0.09	0.081	1.96
WD13-005-061	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.71	1.5	0.6	< 10	47.91	16.79	13.54	0.172	5.98	9.73	2.08	1.17	1.03	0.09	0.082	1.77
WD13-005-062	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	2.07	1.3	0.4	< 10	47.46	17.13	13.64	0.170	5.87	10.12	2.03	0.99	1.05	0.08	0.082	1.72
WD13-005-063	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.03	1.3	0.4	< 10	48.61	17.60	12.47	0.154	5.33	9.95	2.28	1.05	0.95	0.08	0.072	1.51
WD13-005-064	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.37	1.1	0.3	< 10	47.36	17.61	13.33	0.163	5.70	10.20	2.01	1.09	1.04	0.09	0.082	1.74
WD13-005-065	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.96	1.2	0.4	< 10	47.70	17.75	13.06	0.155	5.53	10.51	2.00	1.02	1.04	0.10	0.079	1.59
WD13-005-066	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.16	1.2	0.3	< 10	48.21	17.41	12.88	0.160	5.51	9.54	2.61	0.88	1.04	0.10	0.078	2.03
WD13-005-067	0.6	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.06	2.95	1.6	0.3	< 10	47.93	17.59	13.08	0.159	5.41	10.09	2.39	0.87	1.08	0.15	0.077	1.55
WD13-005-068	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.04	2.30	1.3	0.3	< 10	47.03	16.78	14.26	0.168	5.97	10.81	1.91	0.74	1.12	0.09	0.090	1.47
WD13-005-069	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	2.09	0.8	0.2	< 10	46.52	16.98	13.99	0.163	5.99	10.98	1.72	0.64	1.10	0.07	0.090	1.36
WD13-005-070	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.002	368	0.03	5.26	0.2	0.2	30	44.93	21.84	6.95	0.086	8.62	12.71	0.96	0.11	0.10	< 0.01	0.008	2.64

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 12 2013 3:05PM	Jul 15 2013 2:29PM	Jul 18 2013 2:55PM	Jul 18 2013 2:55PM	Jul 18 2013 2:55PM
WD13-005-036	98.82	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-005-037	99.31	0.03	0.024	< 0.004	0.008	0.05	481	1980	431
WD13-005-038	99.35	< 0.01	0.003	< 0.004	< 0.004	0.04	3	0.4	0.6
WD13-005-039	100.1	0.01	0.007	0.005	0.008	0.19	< 1	< 0.1	0.4
WD13-005-040	100.4	0.02	0.031	0.006	0.009	0.20	< 1	< 0.1	0.4
WD13-005-041	100.5	< 0.01	0.009	0.004	0.006	0.14	< 1	< 0.1	0.2
WD13-005-042	100.8	0.01	0.023	0.005	0.007	0.19	< 1	< 0.1	0.3
WD13-005-043	100.5	0.02	0.012	0.006	0.007	0.20	< 1	< 0.1	0.3
WD13-005-044	100.0	0.01	0.012	0.004	0.006	0.17	< 1	< 0.1	0.4
WD13-005-045	100.4	< 0.01	0.008	0.004	0.006	0.12	< 1	< 0.1	0.3
WD13-005-046	100.4	0.02	0.039	0.004	0.006	0.13	4	< 0.1	0.3
WD13-005-047	99.79	< 0.01	< 0.003	0.004	0.006	0.20	< 1	< 0.1	0.3
WD13-005-048	99.71	< 0.01	< 0.003	0.005	0.008	0.18	< 1	< 0.1	0.3
WD13-005-049	100.5	< 0.01	0.003	0.005	0.008	0.19	< 1	< 0.1	0.3
WD13-005-050	100.5	< 0.01	< 0.003	0.005	0.006	0.17	< 1	< 0.1	0.3
WD13-005-051	99.46	< 0.01	0.003	0.006	0.008	0.17	< 1	< 0.1	0.4
WD13-005-052	100.2	0.01	0.005	0.005	0.009	0.18	< 1	< 0.1	0.4
WD13-005-053	100.1	0.01	0.004	0.004	0.009	0.19	< 1	< 0.1	0.4
WD13-005-054	100.6	0.01	0.003	0.006	0.009	0.20	2	4.8	1.5
WD13-005-055	100.5	0.07	0.065	0.004	0.018	0.11	1260	6180	1320
WD13-005-056	100.6	0.01	0.006	0.005	0.008	0.18	< 1	0.1	0.5
WD13-005-057	100.7	0.01	0.003	0.004	0.008	0.18	< 1	< 0.1	0.4
WD13-005-058	100.1	0.01	0.003	0.005	0.007	0.16	1	4.1	1.2
WD13-005-059	99.64	< 0.01	0.004	0.005	0.006	0.13	< 1	< 0.1	0.3
WD13-005-060	100.1	< 0.01	0.006	0.004	0.004	0.12	< 1	< 0.1	0.3
WD13-005-061	100.4	0.01	0.003	0.006	0.008	0.16	< 1	< 0.1	0.4
WD13-005-062	100.4	0.01	0.013	0.006	0.008	0.18	< 1	< 0.1	0.4
WD13-005-063	100.1	0.01	0.005	0.005	0.008	0.11	< 1	< 0.1	0.4
WD13-005-064	100.4	0.01	0.004	0.006	0.010	0.18	< 1	< 0.1	0.4
WD13-005-065	100.6	0.01	0.004	0.005	0.010	0.18	< 1	0.5	0.4
WD13-005-066	100.5	0.01	0.005	0.005	0.008	0.17	< 1	< 0.1	0.3
WD13-005-067	100.4	0.01	0.006	0.004	0.010	0.22	< 1	< 0.1	0.4
WD13-005-068	100.5	0.01	0.004	0.007	0.009	0.22	< 1	< 0.1	0.5
WD13-005-069	99.63	0.01	0.005	0.006	0.009	0.22	< 1	< 0.1	0.5
WD13-005-070	99.11	0.07	0.061	0.004	0.018	0.11	1210	5820	1330

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	
GXR-1 LABSTD	5.8	0.9	11	0.043	0.14	0.35	0.04	1540	0.82	1.1	74	8.8	877	24.0	8.0	40.8	1120	779	4.52		398	15.9	2.2	179
MICA-FE LABSTD																								
GXR-4 LABSTD	12.0	2.0	4	0.132	1.85	3.04	1.80	20.0	0.90	7.0	77	55.8	137	2.94	14.2	40.2	6270	74.2	11.0		98.0	5.3	93.0	70.7
AN-G LABSTD																								
GXR-6 LABSTD	37.5	1.2	6	0.073	0.47	> 10.0	1.19	0.19	0.17	23.0	157	74.9	1010	5.22	13.2	23.4	62.5	120	10.7		218	0.3	62.8	32.1
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
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BaSO4 LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	19.4	1.4		0.026	0.41	1.23	0.30	1.89	0.30	3.4	32	83.9	4560	2.76	10.5	43.1	311	938	4.39		37.8	0.8	23.8	28.9
GS311-4 LABSTD																								
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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06
WD13-005-036 Replicate Original	5.3	< 0.1	27	0.012	> 10.0	0.03	0.02	0.04	20.2	< 0.1	3	0.8	461	0.12	0.7	7.2	1.02	18.3	< 0.02	< 0.1	0.7	< 0.1	0.5	148
WD13-005-036 LABDUP	4.8	< 0.1	26	0.011	> 10.0	0.03	0.02	< 0.02	19.9	< 0.1	3	0.8	463	0.12	0.7	7.4	1.12	18.3	< 0.02	< 0.1	0.7	< 0.1	0.5	151
WD13-005-038 Replicate Original	15.6	0.3	7	0.185	1.10	2.43	0.21	0.07	1.47	7.5	78	41.8	567	3.41	9.7	34.2	45.4	49.2	5.99	< 0.1	5.4	0.2	6.2	68.5
WD13-005-038 LABDUP	15.4	0.4	6	0.180	1.07	2.39	0.20	0.08	1.43	7.3	77	41.8	556	3.38	9.5	33.9	45.4	48.3	5.99	< 0.1	5.1	0.3	6.0	67.0
WD13-005-039 Replicate Original																								
WD13-005-039 LABDUP																								
WD13-005-043 Replicate Original																								
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WD13-005-064 Replicate Original																								
WD13-005-064 LABDUP																								
WD13-005-065 Split Original	17.6	0.6	21	0.629	1.85	5.25	0.28	0.06	4.27	14.0	265	70.4	602	5.07	32.2	31.8	106	48.1	10.6	< 0.1	0.6	0.2	9.2	208
WD13-005-065 LABPREP	18.8	0.5	22	0.640	1.90	5.39	0.29	0.07	4.41	14.3	267	71.0	607	5.19	33.5	32.5	107	49.3	10.9	< 0.1	0.5	0.2	9.6	215

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	
GXR-1 LABSTD	26.3	9.3	< 0.1	18.0	34.4	2.37	0.67	21.5	76.0	13.4	2.57	255	5.0	9.60		5.53	1.9	0.5	3.4	0.7	4.5		0.4	
MICA-FE LABSTD																								
GXR-4 LABSTD	11.7	8.9	0.2	299	3.79	0.08	0.20	5.25	3.58	0.89	2.47	30	47.7	89.5		35.0	5.3	1.4	4.6	0.6	2.8		0.2	
AN-G LABSTD																								
GXR-6 LABSTD	6.43	11.7	< 0.1	1.60	0.226	0.08	0.06	0.98	1.80	< 0.02	3.72	1050	10.8	30.4		10.7	2.1	0.6	2.0	0.3	1.7		0.1	
LKSD-4 LABSTD																								
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BaSO4 LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD																								
SAR-M (U.S.G.S.) LABSTD	20.1		3.1	11.8	3.29	4.91	0.96	1.79	3.70	0.84	2.41	190	46.1	96.9										
GS311-4 LABSTD																								
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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	
WD13-005-036 Replicate Original	0.35	0.4	< 0.1	0.06	0.042	0.04	< 0.02	< 0.05	0.04	< 0.02	0.17	63	< 0.5	0.57	< 0.1	0.28	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-005-036 LABDUP	0.35	0.3	< 0.1	0.05	0.034	0.05	< 0.02	< 0.05	0.04	< 0.02	0.17	61	< 0.5	0.57	< 0.1	0.28	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-005-038 Replicate Original	9.69	7.3	0.2	7.48	0.096	0.09	0.02	1.20	0.54	< 0.02	0.46	131	6.4	13.3	1.9	7.90	1.8	0.6	2.2	0.4	2.2	0.4	1.2	0.2
WD13-005-038 LABDUP	9.50	7.0	0.2	7.37	0.107	0.09	0.02	1.18	0.56	< 0.02	0.45	130	6.3	13.3	1.9	7.86	1.8	0.6	2.1	0.3	2.2	0.4	1.2	0.2
WD13-005-039 Replicate Original																								
WD13-005-039 LABDUP																								
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WD13-005-063 LABDUP																								
WD13-005-064 Replicate Original																								
WD13-005-064 LABDUP																								
WD13-005-065 Split Original	4.98	3.9	< 0.1	0.32	0.035	0.02	0.02	0.30	< 0.02	< 0.02	1.40	102	6.7	13.9	1.7	6.79	1.3	0.6	1.3	0.2	1.1	0.2	0.6	< 0.1
WD13-005-065 LABPREP	5.06	4.2	< 0.1	0.41	0.055	0.02	0.02	0.29	< 0.02	< 0.02	1.48	108	6.9	14.2	1.8	7.02	1.4	0.6	1.3	0.2	1.2	0.2	0.7	< 0.1

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17	2013-07-12 15:05:17
GXR-1 LABSTD	1.8	0.2	0.2	< 0.05	> 100			0.39	668	1.7	31.1													
MICA-FE LABSTD														34.25	19.48	25.55	0.345	4.52	0.45	0.32	8.77	2.53	0.41	0.026
GXR-4 LABSTD	0.8	0.1	0.3	< 0.05	11.2			3.17	42.3	19.0	4.9													
AN-G LABSTD														46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013
GXR-6 LABSTD	0.7	0.1	0.2	< 0.05	< 0.1			2.13	93.9	4.4	0.9													
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042
AC-E LABSTD														70.48	14.72	2.55	0.060	0.06	0.36	6.53	4.50	0.12		
BaSO4 LABSTD																								
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BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
OREAS 14P LABSTD																								
Oreas 74a (Fusion) LABSTD														32.52	2.25					27.95				
SAR-M (U.S.G.S.) LABSTD					2.9			1.18	950	13.1	2.3													
GS311-4 LABSTD																								
GS311-4 LABSTD																								
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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF		
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%		
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	
WD13-005-036 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.98	0.1	0.4	< 10													
WD13-005-036 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	2.10	< 0.1	0.3	< 10													
WD13-005-038 Replicate Original	0.9	0.1	0.2	< 0.05	0.3	0.002	< 5	0.08	2.89	1.5	0.5	< 10													
WD13-005-038 LABDUP	0.8	0.1	0.2	< 0.05	0.4	0.001	< 5	0.09	2.91	1.5	0.4	< 10													
WD13-005-039 Replicate Original													48.65	17.16	13.20	0.160	5.74	10.82	1.83	0.70	1.02	0.07	0.082	1.23	
WD13-005-039 LABDUP													48.01	17.03	13.06	0.154	5.70	10.62	1.80	0.70	1.00	0.07	0.081	1.23	
WD13-005-043 Replicate Original																									
WD13-005-043 LABDUP																									
WD13-005-044 Replicate Original																									
WD13-005-044 LABDUP																									
WD13-005-053 Replicate Original																									
WD13-005-053 LABDUP																									
WD13-005-054 Replicate Original																									
WD13-005-054 LABDUP																									
WD13-005-059 Replicate Original													45.87	16.73	13.29	0.146	5.97	10.90	2.49	0.46	1.01	0.08	0.079	2.57	
WD13-005-059 LABDUP													45.89	16.76	13.33	0.145	5.96	10.91	2.45	0.46	1.01	0.08	0.078	2.57	
WD13-005-063 Replicate Original																									
WD13-005-063 LABDUP																									
WD13-005-064 Replicate Original																									
WD13-005-064 LABDUP																									
WD13-005-065 Split Original	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.96	1.2	0.4	< 10	47.70	17.75	13.06	0.155	5.53	10.51	2.00	1.02	1.04	0.10	0.079	1.59	
WD13-005-065 LABPREP	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	4.18	1.3	0.4	< 10	47.50	17.67	13.12	0.159	5.55	10.56	1.98	1.01	1.05	0.10	0.078	1.63	

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 15 14:29:27	2013-07- 18 14:55:24	2013-07- 18 14:55:24	2013-07- 18 14:55:24

GXR-1 LABSTD									
MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
GXR-4 LABSTD									
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
GXR-6 LABSTD									
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						1.02			
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						0.90			
LKSD-4 LABSTD						1.01			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.7			
OREAS 14P LABSTD			2.10	0.073	0.998				
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
SAR-M (U.S.G.S.) LABSTD									
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.36			
CDN-PGMS-22 LABSTD						1200	5920	1230	
CDN-PGMS-22 LABSTD						1270	6190	1300	
CDN-PGMS-22 LABSTD						1210	5910	1270	
CDN-PGMS-22 LABSTD						1210	6140	1320	
CDN-PGMS-22 LABSTD						1320	6220	1370	
CDN-PGMS-22 LABSTD						1430	6440	1450	
CDN-PGMS-22 LABSTD						1150	5840	1290	
CDN-PGMS-23 LABSTD						485	2080	458	
CDN-PGMS-23 LABSTD						494	2020	435	
CDN-PGMS-23 LABSTD						540	2110	484	
CDN-PGMS-23 LABSTD						455	1880	403	
CDN-PGMS-23 LABSTD						508	2140	456	
CDN-PGMS-23 LABSTD						530	1970	451	

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 12 15:05:17	2013-07- 15 14:29:27	2013-07- 18 14:55:24	2013-07- 18 14:55:24	2013-07- 18 14:55:24

WD13-005-036 Replicate Original									
WD13-005-036 LABDUP									
WD13-005-038 Replicate Original									
WD13-005-038 LABDUP									
WD13-005-039	100.7	0.01	0.007	0.005	0.007				
Replicate Original									
WD13-005-039 LABDUP	99.49	0.01	0.006	0.005	0.008				
WD13-005-043 Replicate Original						0.20			
WD13-005-043 LABDUP						0.20			
WD13-005-044 Replicate Original							< 1	< 0.1	0.4
WD13-005-044 LABDUP							< 1	< 0.1	0.3
WD13-005-053 Replicate Original						0.19			
WD13-005-053 LABDUP						0.19			
WD13-005-054 Replicate Original							2	4.6	1.5
WD13-005-054 LABDUP							2	5.0	1.5
WD13-005-059	99.61	< 0.01	0.004	0.004	0.006				
Replicate Original									
WD13-005-059 LABDUP	99.66	< 0.01	0.004	0.006	0.006				
WD13-005-063 Replicate Original						0.11			
WD13-005-063 LABDUP						0.11			
WD13-005-064 Replicate Original							< 1	< 0.1	0.4
WD13-005-064 LABDUP							< 1	< 0.1	0.4
WD13-005-065 Split Original	100.6	0.01	0.004	0.005	0.010	0.18	< 1	0.5	0.4
WD13-005-065 LABPREP	100.4	0.01	0.004	0.005	0.010	0.18	< 1	0.5	0.4



Date Submitted: 27-Jun-13
Invoice No.: A13-07266
Invoice Date: 22-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07266**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07266

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	
WD13-005-071	5.7	< 0.1	25	0.010	> 10.0	0.02	0.02	< 0.02	18.2	< 0.1	2	1.2	404	0.11	0.6	7.0	1.09	22.5	< 0.02	< 0.1	0.7	< 0.1	0.5	151	
WD13-005-072	12.9	0.3	7	0.379	1.83	5.42	0.14	0.09	3.25	5.8	56	79.1	482	3.37	16.0	188	91.0	41.5	7.28	< 0.1	4.8	0.4	4.5	66.6	
WD13-005-073	16.2	0.4	8	0.178	1.06	2.36	0.20	0.08	1.39	7.1	77	41.8	554	3.36	9.6	34.7	46.1	49.1	5.82	0.1	5.4	0.3	6.3	69.2	
WD13-005-074	17.8	0.5	7	0.662	1.88	5.55	0.20	0.10	4.42	13.6	329	99.0	591	5.84	35.3	39.6	97.6	48.4	11.6	< 0.1	0.7	0.1	6.0	253	
WD13-005-075	17.1	0.5	8	0.785	1.87	6.22	0.21	0.04	4.78	13.9	340	100	603	6.03	35.8	40.1	96.0	50.3	12.5	< 0.1	0.6	0.1	6.2	303	
WD13-005-076	20.4	0.3	6	0.467	1.72	3.79	0.20	0.04	3.13	11.9	257	77.7	515	5.16	30.9	32.5	83.6	49.4	9.03	< 0.1	0.7	< 0.1	6.4	148	
WD13-005-077	18.6	0.5	6	0.825	1.48	6.18	0.18	0.05	4.28	9.5	284	33.4	438	5.10	30.6	27.5	82.2	41.2	11.6	< 0.1	0.7	< 0.1	6.2	301	
WD13-005-078	17.7	0.5	7	0.950	1.82	6.90	0.29	0.05	4.72	12.7	325	31.5	561	5.81	34.3	29.9	80.1	49.5	13.0	< 0.1	0.8	0.2	10.6	331	
WD13-005-079	22.3	0.5	10	0.808	1.58	6.32	0.21	0.12	4.36	9.9	298	31.6	472	5.31	32.7	28.3	83.1	44.3	12.4	< 0.1	0.5	< 0.1	7.2	296	
WD13-005-080	23.3	0.5	13	0.781	1.46	6.03	0.19	0.08	4.17	9.0	300	30.3	441	5.26	30.7	26.9	77.7	43.8	11.8	< 0.1	0.7	< 0.1	6.7	289	
WD13-005-081	23.7	0.5	10	0.513	1.50	5.25	0.22	0.07	4.14	9.9	281	26.6	476	5.04	30.1	24.9	75.1	41.1	11.0	< 0.1	0.7	< 0.1	8.9	290	
WD13-005-082	16.1	0.5	8	0.588	1.42	4.91	0.18	0.05	3.78	9.4	229	36.2	420	4.18	25.8	25.1	63.0	36.9	10.1	< 0.1	0.5	< 0.1	5.3	214	
WD13-005-083	21.4	0.4	13	0.720	1.66	5.88	0.22	0.04	4.28	12.0	340	85.9	527	5.59	34.1	41.5	103	40.9	11.5	< 0.1	0.5	< 0.1	7.5	280	
WD13-005-084	20.0	0.5	11	0.601	1.50	5.04	0.16	0.03	3.81	10.4	318	83.2	463	5.13	32.2	38.7	99.8	38.0	10.1	< 0.1	1.8	< 0.1	5.0	241	
WD13-005-085	19.0	0.4	11	0.590	1.75	5.33	0.25	0.03	4.36	13.1	317	79.9	553	5.32	33.5	39.1	96.4	41.4	10.8	< 0.1	0.9	0.2	9.1	230	
WD13-005-086	28.5	0.5	8	0.399	1.57	4.57	0.19	0.07	3.71	10.5	309	72.1	457	4.95	32.5	37.5	96.5	38.2	9.84	< 0.1	0.8	0.1	7.2	174	
WD13-005-087	18.0	0.5	24	0.589	1.48	5.23	0.20	0.09	4.10	10.8	284	67.2	466	4.73	31.1	36.1	98.8	36.2	10.3	< 0.1	0.5	0.2	6.4	238	
WD13-005-088	20.6	0.5	15	0.618	1.79	5.32	0.23	0.03	4.26	13.4	282	64.3	542	4.94	32.1	35.7	102	43.0	10.8	< 0.1	0.7	0.2	7.5	236	
WD13-005-089	18.6	0.5	14	0.580	1.65	5.23	0.18	0.07	4.25	12.0	296	70.1	516	4.98	32.6	38.6	104	39.9	10.4	< 0.1	0.5	0.1	5.4	238	
WD13-005-090	3.4	0.1	5	0.788	2.99	> 10.0	0.06	0.12	6.52	2.5	16	145	326	3.18	27.3	460	178	24.1	9.51	< 0.1	2.7	0.5	1.3	77.4	
WD13-005-091	18.9	0.6	65	0.618	1.74	5.12	0.19	0.11	4.05	12.6	282	67.7	520	4.87	32.8	44.9	110	42.2	10.3	< 0.1	0.5	0.2	5.4	231	
WD13-005-092	25.8	0.7	23	0.439	1.94	4.50	0.26	0.12	3.90	13.3	243	65.4	556	4.71	34.3	40.6	95.3	45.8	9.69	< 0.1	0.8	< 0.1	9.9	150	
WD13-005-093	24.8	0.5	8	0.371	1.82	4.02	0.19	0.10	3.74	11.8	249	68.2	533	4.51	31.2	38.0	96.8	41.4	9.14	< 0.1	0.6	< 0.1	6.6	141	
WD13-005-094	34.4	0.7	7	0.350	1.90	4.49	0.24	0.08	3.99	12.6	225	59.7	517	4.33	29.4	36.2	86.8	41.9	9.58	< 0.1	0.6	< 0.1	8.5	117	
WD13-005-095	22.5	0.6	13	0.521	2.08	4.64	0.28	0.07	4.06	14.5	229	69.5	612	4.54	30.1	38.3	62.9	48.4	9.73	< 0.1	0.5	< 0.1	8.5	150	
WD13-005-096	18.3	0.4	7	0.634	1.78	4.85	0.23	0.04	3.74	12.3	216	59.1	493	4.35	29.1	36.0	85.5	45.1	9.47	< 0.1	0.5	< 0.1	7.7	219	
WD13-005-097	16.5	0.5	8	0.836	2.09	6.30	0.22	0.04	4.88	15.8	281	69.7	606	5.26	34.8	43.0	89.9	46.5	11.8	< 0.1	0.6	0.1	6.1	306	
WD13-005-098	16.6	0.5	7	0.783	1.90	6.01	0.18	0.10	4.62	13.8	267	66.6	546	4.91	33.0	41.7	93.7	44.7	11.3	< 0.1	0.4	0.1	5.0	293	
WD13-005-099	19.3	0.6	7	0.894	2.07	6.88	0.24	0.10	5.14	15.3	285	60.8	599	5.30	34.5	42.4	88.2	49.2	12.7	0.1	0.6	< 0.1	8.6	326	
WD13-005-100	14.6	0.5	5	0.872	1.51	6.84	0.17	0.07	4.83	10.9	272	53.2	449	4.70	32.0	35.5	93.1	37.5	12.2	< 0.1	0.8	< 0.1	4.9	340	
WD13-005-101	15.3	0.5	5	0.946	1.75	7.35	0.21	0.03	5.26	13.3	333	52.8	519	5.47	34.3	38.1	93.9	43.3	13.4	< 0.1	0.6	< 0.1	6.2	373	
WD13-005-102	15.0	0.5	4	0.967	1.91	7.26	0.22	0.05	5.28	14.4	311	46.0	559	5.40	34.0	36.9	101	54.7	13.3	0.1	0.6	0.1	6.2	371	
WD13-005-103	14.6	0.5	4	0.918	1.67	7.08	0.17	0.05	5.06	12.3	314	49.5	498	5.26	33.9	37.2	93.2	41.4	12.7	< 0.1	0.6	< 0.1	4.6	364	
WD13-005-104	13.8	0.5	4	0.887	1.46	6.74	0.15	0.05	4.71	10.6	292	47.5	421	4.83	31.4	36.0	91.1	37.3	12.1	< 0.1	0.7	< 0.1	3.9	355	
WD13-005-105	3.6	0.1	5	0.805	3.07	> 10.0	0.06	0.12	6.78	2.5	16	143	334	3.28	28.1	480	186	22.7	9.79	< 0.1	2.8	0.7	1.4	79.9	

Activation Laboratories Ltd. Report: A13-07266

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 12 2013 3:54PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	
WD13-005-071	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	3.16	< 0.1	0.4	< 10	6.58	0.45	0.12	0.057	21.87	29.66	< 0.01	< 0.01	0.01	0.01	< 0.003	41.35
WD13-005-072	0.6	< 0.1	0.2	< 0.05	0.2	0.002	85	0.07	4.13	1.0	0.3	< 10	60.58	15.99	6.61	0.094	4.58	6.87	2.48	0.77	0.45	0.10	0.018	1.51
WD13-005-073	0.9	0.1	0.2	< 0.05	0.5	0.001	< 5	0.08	3.06	1.6	0.5	< 10	66.78	13.46	6.37	0.106	2.40	4.25	3.23	1.12	0.61	0.14	0.022	1.07
WD13-005-074	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.85	0.9	0.2	< 10	45.46	16.32	14.62	0.173	6.13	10.97	1.66	0.61	1.13	0.08	0.095	1.56
WD13-005-075	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.05	1.96	0.8	0.2	< 10	46.47	17.10	14.48	0.168	6.09	11.24	1.72	0.59	1.11	0.08	0.092	1.53
WD13-005-076	0.4	< 0.1	0.2	< 0.05	< 0.1	0.001	< 5	0.05	1.59	1.1	0.3	< 10	48.28	17.65	13.29	0.153	5.34	10.03	2.72	0.56	1.03	0.11	0.079	1.34
WD13-005-077	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.89	1.0	0.2	< 10	47.31	19.10	12.90	0.144	5.16	10.70	2.21	0.60	1.05	0.09	0.079	1.33
WD13-005-078	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.08	2.23	1.1	0.4	< 10	48.15	18.36	13.08	0.150	5.07	10.45	1.98	0.62	1.07	0.09	0.079	1.22
WD13-005-079	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.32	1.1	0.3	< 10	47.87	18.30	13.24	0.147	5.11	10.41	1.95	0.65	1.06	0.09	0.082	1.42
WD13-005-080	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	3.63	1.1	0.4	< 10	47.53	18.60	13.26	0.150	5.15	10.41	2.05	0.73	1.06	0.11	0.081	1.38
WD13-005-081	0.3	< 0.1	0.1	< 0.05	7.7	0.001	< 5	0.07	2.55	0.9	0.2	< 10	46.64	18.54	12.92	0.148	5.01	11.13	2.20	0.81	1.03	0.09	0.079	1.97
WD13-005-082	0.3	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.04	2.44	1.0	0.3	< 10	50.09	18.36	11.49	0.133	4.66	9.87	2.97	0.73	0.91	0.08	0.071	1.32
WD13-005-083	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.07	1.93	1.0	0.3	< 10	46.65	16.88	13.97	0.164	6.31	10.78	1.66	0.76	1.06	0.06	0.091	1.68
WD13-005-084	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.05	2.22	0.8	0.2	< 10	46.34	16.61	14.46	0.171	6.62	10.89	1.71	0.76	1.10	0.06	0.094	1.68
WD13-005-085	0.4	< 0.1	0.1	< 0.05	< 0.1	0.001	< 5	0.07	2.01	1.0	0.3	< 10	46.59	16.91	13.83	0.164	6.28	10.97	1.80	0.89	1.04	0.06	0.090	1.78
WD13-005-086	0.3	< 0.1	0.1	< 0.05	0.1	0.001	< 5	0.06	1.88	1.0	0.2	10	46.53	17.07	13.27	0.150	6.06	10.36	2.18	0.98	1.02	0.07	0.086	2.28
WD13-005-087	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.18	0.8	0.2	< 10	46.85	17.83	13.22	0.157	5.93	10.97	1.94	0.94	1.02	0.06	0.084	1.70
WD13-005-088	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.06	2.15	1.0	0.4	< 10	49.45	17.02	12.58	0.145	5.48	10.56	2.00	0.71	0.97	0.06	0.080	1.68
WD13-005-089	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.71	0.8	0.2	< 10	46.76	17.41	13.61	0.156	6.13	11.05	1.87	0.78	1.03	0.06	0.089	1.74
WD13-005-090	< 0.1	< 0.1	< 0.1	< 0.05	0.3	0.002	490	0.03	5.04	0.2	< 0.1	30	45.50	22.10	7.05	0.087	8.70	12.82	0.99	0.11	0.10	0.01	0.008	2.90
WD13-005-091	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.89	1.0	0.3	< 10	47.74	16.92	13.77	0.161	6.15	10.70	1.76	0.79	1.05	0.06	0.088	1.47
WD13-005-092	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.07	2.05	1.4	0.4	< 10	48.06	17.51	12.33	0.150	5.76	10.21	2.43	0.95	0.93	0.07	0.072	1.93
WD13-005-093	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.05	2.49	1.4	0.4	< 10	48.86	16.07	12.72	0.156	6.19	10.04	2.36	0.94	0.96	0.07	0.078	2.27
WD13-005-094	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.06	2.88	3.3	0.9	< 10	51.77	16.22	10.92	0.136	5.19	9.44	2.15	0.94	0.81	0.05	0.064	2.39
WD13-005-095	0.5	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.06	3.02	1.7	0.6	< 10	48.60	16.84	12.32	0.163	6.05	10.36	2.16	0.95	0.89	0.06	0.071	1.78
WD13-005-096	0.4	< 0.1	0.2	< 0.05	< 0.1	< 0.001	< 5	0.05	2.46	1.2	0.3	< 10	49.37	17.47	12.17	0.149	5.66	10.45	2.19	0.65	0.91	0.07	0.072	1.19
WD13-005-097	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.47	0.9	0.2	< 10	46.93	17.11	13.53	0.163	6.25	11.46	1.68	0.55	1.01	0.06	0.082	1.33
WD13-005-098	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.09	1.2	0.3	< 10	47.38	17.08	13.59	0.160	6.21	11.29	1.71	0.59	1.01	0.07	0.086	1.20
WD13-005-099	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	2.76	1.4	0.4	< 10	47.98	17.76	12.81	0.147	5.65	11.24	1.80	0.60	0.99	0.06	0.084	1.32
WD13-005-100	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.07	1.2	0.3	< 10	47.44	18.69	12.81	0.144	5.50	11.45	1.79	0.59	0.99	0.07	0.083	1.20
WD13-005-101	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.95	0.9	0.3	< 10	46.80	18.34	13.32	0.150	5.59	11.58	1.74	0.55	1.05	0.07	0.089	1.26
WD13-005-102	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.65	1.1	0.3	< 10	47.33	18.53	13.06	0.145	5.41	11.57	1.79	0.52	1.03	0.07	0.090	1.17
WD13-005-103	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.96	1.3	0.3	< 10	47.14	18.41	13.36	0.150	5.54	11.52	1.75	0.54	1.05	0.07	0.089	1.10
WD13-005-104	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.87	1.0	0.3	10	47.01	18.24	13.58	0.151	5.62	11.61	1.72	0.51	1.06	0.07	0.091	1.06
WD13-005-105	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.001	929	0.03	5.38	0.2	< 0.1	40	45.45	22.00	7.04	0.087	8.71	12.84	0.96	0.11	0.10	0.01	0.011	2.73

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 18 2013 6:05PM	Jul 18 2013 2:55PM	Jul 18 2013 2:55PM	Jul 18 2013 2:55PM
WD13-005-071	100.1	< 0.01	< 0.003	< 0.004	< 0.004	0.01	< 1	0.1	< 0.1
WD13-005-072	100.1	0.03	0.023	< 0.004	0.010	0.07	478	1990	446
WD13-005-073	99.57	< 0.01	0.003	< 0.004	< 0.004	0.05	2	0.9	0.7
WD13-005-074	98.87	0.03	0.019	0.006	0.009	0.13	< 1	0.6	0.6
WD13-005-075	100.7	0.02	0.031	0.007	0.009	0.21	< 1	0.6	0.6
WD13-005-076	100.7	0.03	0.051	0.005	0.007	0.19	3	0.5	0.5
WD13-005-077	100.7	0.01	0.043	0.004	0.006	0.21	< 1	0.3	0.3
WD13-005-078	100.5	0.04	0.078	0.005	0.006	0.19	< 1	0.3	0.3
WD13-005-079	100.4	0.01	0.016	0.005	0.006	0.25	< 1	0.3	0.3
WD13-005-080	100.6	0.01	0.017	0.006	0.006	0.20	< 1	0.3	0.3
WD13-005-081	100.7	0.03	0.085	0.005	0.016	0.22	< 1	0.3	0.2
WD13-005-082	100.7	0.01	0.020	0.005	0.005	0.05	< 1	0.3	0.3
WD13-005-083	100.1	0.01	0.006	0.005	0.009	0.22	< 1	0.8	0.6
WD13-005-084	100.5	0.01	0.007	0.006	0.010	0.21	< 1	0.7	0.7
WD13-005-085	100.4	0.01	0.006	0.006	0.008	0.20	1	0.8	0.6
WD13-005-086	100.1	0.01	0.006	0.005	0.008	0.25	< 1	0.6	0.5
WD13-005-087	100.7	0.01	0.008	0.006	0.009	0.21	< 1	0.6	0.5
WD13-005-088	100.8	0.01	0.004	0.005	0.009	0.19	1	0.6	0.5
WD13-005-089	100.7	0.01	0.010	0.006	0.009	0.21	< 1	0.5	0.5
WD13-005-090	100.5	0.07	0.064	0.004	0.019	0.11	1260	6220	1400
WD13-005-091	100.7	0.03	0.020	0.007	0.010	0.21	< 1	0.7	0.7
WD13-005-092	100.4	0.01	0.032	0.005	0.008	0.05	< 1	0.7	0.6
WD13-005-093	100.7	0.01	0.009	0.006	0.007	0.17	3	1.0	0.8
WD13-005-094	100.1	< 0.01	0.004	0.004	0.006	0.15	< 1	1.5	1.5
WD13-005-095	100.3	0.01	0.006	0.004	0.006	0.10	< 1	0.8	0.8
WD13-005-096	100.6	0.05	0.177	0.007	0.007	0.15	7	0.9	0.8
WD13-005-097	100.2	0.02	0.028	0.007	0.008	0.08	< 1	0.9	0.8
WD13-005-098	100.4	0.01	0.016	0.004	0.008	0.18	< 1	0.8	0.7
WD13-005-099	100.5	< 0.01	0.005	0.005	0.007	0.16	< 1	0.6	0.6
WD13-005-100	100.8	0.01	0.007	0.006	0.009	0.22	< 1	0.5	0.5
WD13-005-101	100.6	< 0.01	0.009	0.004	0.009	0.20	< 1	0.5	0.4
WD13-005-102	100.8	0.01	0.024	0.007	0.008	0.17	< 1	0.4	0.4
WD13-005-103	100.7	0.01	0.005	0.005	0.008	0.19	< 1	0.5	0.4
WD13-005-104	100.7	< 0.01	0.006	0.006	0.007	0.21	< 1	0.5	0.5
WD13-005-105	100.2	0.08	0.063	0.004	0.018	0.11	1350	6500	1450

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

- MICA-FE LABSTD
- AN-G LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- BE-N LABSTD
- AC-E LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- Oreas 73a (Fusion)
LABSTD
- Oreas 74a (Fusion)
LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
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- GS900-5 LABSTD
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- CDN-PGMS-22 LABSTD
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- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- WD13-005-078
Replicate Original
- WD13-005-078 LABDUP
- WD13-005-080
Replicate Original
- WD13-005-080 LABDUP
- WD13-005-088
Replicate Original
- WD13-005-088 LABDUP

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

WD13-005-090 Replicate Original																								
WD13-005-090 LABDUP																								
WD13-005-098 Replicate Original																								
WD13-005-098 LABDUP																								
WD13-005-100 Replicate Original																								
WD13-005-100 Split Original	14.6	0.5	5	0.872	1.51	6.84	0.17	0.07	4.83	10.9	272	53.2	449	4.70	32.0	35.5	93.1	37.5	12.2	< 0.1	0.8	< 0.1	4.9	340
WD13-005-100 LABDUP																								
WD13-005-100 LABPREP	15.0	0.5	6	0.842	1.35	6.54	0.15	0.07	4.52	9.3	250	50.7	362	4.24	29.8	33.4	92.7	34.0	11.2	< 0.1	0.6	< 0.1	4.5	334

Activation Laboratories Ltd. Report: A13-07266

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	2013-07-12 15:54:06	

- MICA-FE LABSTD
- AN-G LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- LKSD-4 LABSTD
- BE-N LABSTD
- AC-E LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- BaSO4 LABSTD
- Oreas 73a (Fusion) LABSTD
- Oreas 74a (Fusion) LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
- GS311-4 LABSTD
- GS900-5 LABSTD
- GS900-5 LABSTD
- GS900-5 LABSTD
- GS900-5 LABSTD
- GS900-5 LABSTD
- GS900-5 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-22 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- CDN-PGMS-23 LABSTD
- WD13-005-078
Replicate Original
- WD13-005-078 LABDUP
- WD13-005-080
Replicate Original
- WD13-005-080 LABDUP
- WD13-005-088
Replicate Original
- WD13-005-088 LABDUP

Activation Laboratories Ltd. Report: A13-07266

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	

WD13-005-090
Replicate Original
WD13-005-090 LABDUP
WD13-005-098
Replicate Original
WD13-005-098 LABDUP
WD13-005-100
Replicate Original
WD13-005-100 Split
Original
WD13-005-100 LABDUP
WD13-005-100
LABPREP

3.41	3.7	< 0.1	0.29	0.057	0.02	< 0.02	0.19	< 0.02	< 0.02	0.78	72	5.2	9.95	1.2	4.52	0.9	0.5	0.9	0.1	0.8	0.2	0.5	< 0.1
2.97	2.3	< 0.1	0.36	0.066	< 0.01	< 0.02	0.17	< 0.02	< 0.02	0.74	68	5.0	9.46	1.1	4.16	0.8	0.4	0.8	0.1	0.7	0.1	0.4	< 0.1

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	

MICA-FE LABSTD														34.38	19.62	26.42	0.345	4.67	0.41	0.30	8.74	2.59	0.41	0.026
AN-G LABSTD														45.59	29.17	3.39	0.043	1.80	16.07	1.61	0.14	0.21	0.02	0.014
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.47	10.40	13.40	0.202	13.25	14.36	3.24	1.38	2.79	1.08	0.036
AC-E LABSTD														70.44	14.99	2.59	0.058	0.06	0.35	6.73	4.51	0.12		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD														36.21	2.59				32.20					
Oreas 74a (Fusion) LABSTD														32.39	2.34				28.10					
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-005-078 Replicate Original																								
WD13-005-078 LABDUP																								
WD13-005-080 Replicate Original																								
WD13-005-080 LABDUP																								
WD13-005-088 Replicate Original																								
WD13-005-088 LABDUP																								

Activation Laboratories Ltd. Report: A13-07266

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 12 15:54:06	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49

WD13-005-090 Replicate Original														45.52	22.11	7.07	0.088	8.72	12.83	0.99	0.11	0.10	0.01	0.008	2.76
WD13-005-090 LABDUP														45.48	22.09	7.04	0.087	8.69	12.80	0.99	0.11	0.10	0.01	0.008	3.05
WD13-005-098 Replicate Original																									
WD13-005-098 LABDUP																									
WD13-005-100 Replicate Original	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	2.07	1.2	0.3	< 10	47.44	18.69	12.81	0.144	5.50	11.45	1.79	0.59	0.99	0.07	0.083	1.20	
WD13-005-100 Split Original																									
WD13-005-100 LABDUP																									
WD13-005-100 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.04	2.10	1.1	0.3	< 10	47.16	18.35	12.81	0.143	5.44	11.47	1.75	0.60	0.99	0.07	0.083	1.22	

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-15 15:51:49	2013-07-15 15:51:49	2013-07-15 15:51:49	2013-07-15 15:51:49	2013-07-15 15:51:49	2013-07-18 18:05:19	2013-07-18 14:55:24	2013-07-18 14:55:24	2013-07-18 14:55:24

MICA-FE LABSTD	< 0.01	0.004	< 0.004	< 0.004					
AN-G LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
LKSD-4 LABSTD						1.03			
LKSD-4 LABSTD						1.05			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						1.00			
BE-N LABSTD		0.03	0.027	0.004	0.009				
AC-E LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
BaSO4 LABSTD						13.7			
BaSO4 LABSTD						13.7			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.5			
BaSO4 LABSTD						13.7			
Oreas 73a (Fusion) LABSTD		0.19	1.50	0.029	0.092				
Oreas 74a (Fusion) LABSTD		0.19	3.31	0.057	0.126				
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.55			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.55			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1200	5920	1230
CDN-PGMS-22 LABSTD							1270	6190	1300
CDN-PGMS-22 LABSTD							1210	5910	1270
CDN-PGMS-22 LABSTD							1210	6140	1320
CDN-PGMS-22 LABSTD							1320	6220	1370
CDN-PGMS-22 LABSTD							1430	6440	1450
CDN-PGMS-22 LABSTD							1150	5840	1290
CDN-PGMS-23 LABSTD							485	2080	458
CDN-PGMS-23 LABSTD							494	2020	435
CDN-PGMS-23 LABSTD							540	2110	484
CDN-PGMS-23 LABSTD							455	1880	403
CDN-PGMS-23 LABSTD							508	2140	456
CDN-PGMS-23 LABSTD							530	1970	451
WD13-005-078 Replicate Original							< 1	0.3	0.3
WD13-005-078 LABDUP							< 1	0.3	0.3
WD13-005-080 Replicate Original							0.21		
WD13-005-080 LABDUP							0.20		
WD13-005-088 Replicate Original							1	0.6	0.5
WD13-005-088 LABDUP							1	0.6	0.5

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 18 18:05:19	2013-07- 18 14:55:24	2013-07- 18 14:55:24	2013-07- 18 14:55:24

WD13-005-090 Replicate Original	100.5	0.08	0.063	0.004	0.019	0.11			
WD13-005-090 LABDUP	100.6	0.07	0.064	0.004	0.019	0.11			
WD13-005-098 Replicate Original							< 1	0.8	0.8
WD13-005-098 LABDUP							< 1	0.7	0.7
WD13-005-100 Replicate Original						0.22			
WD13-005-100 Split Original	100.8	0.01	0.007	0.006	0.009	0.22	< 1	0.5	0.5
WD13-005-100 LABDUP						0.22			
WD13-005-100 LABPREP	100.1	< 0.01	0.004	0.006	0.009	0.22	< 1	0.9	0.6



Date Submitted: 27-Jun-13
Invoice No.: A13-07279
Invoice Date: 18-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07279**

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Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07279

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 8 2013 12:58PM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	
WD13-005-106	< 0.1	< 0.1	< 0.1	0.10	< 0.1	< 0.001	< 5	0.04	2.13	< 0.1	0.3	< 10	6.30	0.47	0.06	0.053	21.77	29.17	< 0.01	0.01	0.02	0.01	< 0.003	41.49
WD13-005-107	0.7	< 0.1	< 0.1	0.14	0.2	0.003	190	0.06	4.57	0.9	0.3	< 10	60.56	16.42	6.41	0.097	4.71	6.77	2.55	0.76	0.46	0.10	0.018	1.76
WD13-005-108	0.9	0.1	0.2	0.23	0.4	0.001	9	0.07	2.91	1.4	0.6	< 10	66.60	13.71	6.20	0.095	2.48	4.15	3.21	1.14	0.59	0.14	0.028	1.29
WD13-005-109	0.4	< 0.1	< 0.1	0.18	< 0.1	0.001	< 5	0.03	1.91	0.8	0.2	< 10	46.70	18.56	13.09	0.140	5.66	11.36	1.95	0.56	1.02	0.08	0.097	1.03
WD13-005-110	0.4	< 0.1	< 0.1	0.16	< 0.1	0.008	< 5	0.03	1.96	0.8	0.2	< 10	46.74	19.03	12.78	0.136	5.54	11.43	2.03	0.53	1.00	0.07	0.108	0.92
WD13-005-111	0.4	< 0.1	0.2	0.16	< 0.1	< 0.001	< 5	0.13	1.60	1.2	0.4	< 10	50.94	18.34	11.53	0.120	4.63	8.52	3.13	0.80	0.96	0.15	0.067	0.94
WD13-005-112	0.5	< 0.1	0.1	0.28	< 0.1	0.001	< 5	0.05	1.88	1.5	0.5	< 10	50.67	17.27	12.02	0.140	5.16	9.78	2.40	0.55	0.95	0.09	0.080	0.95
WD13-005-113	0.4	< 0.1	< 0.1	0.13	< 0.1	< 0.001	< 5	0.05	1.95	1.0	0.2	< 10	49.15	17.35	12.37	0.137	5.41	9.99	2.20	0.72	0.98	0.08	0.085	1.07
WD13-005-114	0.4	< 0.1	< 0.1	0.16	< 0.1	0.001	8	0.05	2.57	1.3	0.3	< 10	48.73	17.77	12.61	0.148	5.57	10.25	2.24	0.81	0.97	0.09	0.078	1.22
WD13-005-115	0.5	< 0.1	< 0.1	0.16	< 0.1	0.001	< 5	0.06	2.90	1.5	0.4	< 10	48.90	17.63	12.31	0.145	5.45	9.82	2.56	0.82	0.99	0.09	0.092	1.68
WD13-005-116	0.6	< 0.1	< 0.1	0.12	< 0.1	0.002	< 5	0.07	2.35	1.0	0.3	< 10	47.77	17.32	13.29	0.153	5.80	10.66	2.15	0.90	1.08	0.09	0.104	1.42
WD13-005-117	0.4	< 0.1	0.1	0.15	< 0.1	0.001	15	0.05	3.11	1.1	0.3	< 10	51.69	17.69	10.99	0.124	4.74	9.10	2.92	0.83	0.91	0.10	0.076	1.29
WD13-005-118	0.6	< 0.1	< 0.1	0.23	< 0.1	0.001	10	0.07	3.56	1.7	0.5	< 10	48.97	17.10	13.19	0.151	5.70	10.05	2.28	0.77	1.01	0.12	0.089	1.21
WD13-005-119	0.5	< 0.1	< 0.1	0.32	< 0.1	0.001	14	0.06	2.08	2.0	0.5	< 10	50.25	17.14	12.40	0.141	5.35	9.73	2.30	0.64	0.97	0.09	0.079	1.12
WD13-005-120	0.6	< 0.1	< 0.1	0.31	< 0.1	0.001	12	0.06	2.50	1.1	0.3	< 10	47.02	17.71	13.56	0.154	5.97	10.61	2.16	0.73	1.06	0.09	0.097	1.42
WD13-005-121	0.5	< 0.1	< 0.1	0.28	< 0.1	0.001	11	0.05	2.10	1.4	0.4	< 10	46.82	17.07	14.07	0.165	6.27	9.82	2.32	0.81	1.13	0.11	0.090	1.53
WD13-005-122	0.5	< 0.1	0.1	0.33	< 0.1	0.001	11	0.05	1.59	1.2	0.3	< 10	47.46	17.16	13.39	0.147	5.83	9.88	2.59	0.73	1.02	0.09	0.080	2.01
WD13-005-123	0.6	< 0.1	< 0.1	0.13	< 0.1	< 0.001	7	0.06	1.73	1.4	0.4	< 10	47.59	16.96	13.03	0.153	6.04	9.61	2.57	0.80	0.99	0.09	0.082	1.96
WD13-005-124	0.6	< 0.1	< 0.1	0.34	< 0.1	0.001	9	0.06	2.16	1.3	0.4	< 10	46.50	17.26	13.06	0.155	6.21	10.16	2.46	0.81	1.02	0.08	0.088	2.07
WD13-005-125	< 0.1	< 0.1	< 0.1	0.23	0.1	0.003	956	0.03	5.54	0.2	0.1	< 10	45.29	22.45	6.82	0.080	8.81	12.64	1.29	0.13	0.09	0.01	0.009	2.44
WD13-005-126	0.5	< 0.1	< 0.1	0.19	< 0.1	0.001	9	0.05	1.55	0.8	0.3	< 10	51.07	19.09	10.10	0.116	4.84	8.82	3.73	0.62	0.78	0.10	0.050	1.35
WD13-005-127	0.6	< 0.1	0.1	0.24	< 0.1	< 0.001	< 5	0.06	2.73	1.4	0.4	< 10	47.98	17.67	13.16	0.151	5.77	10.10	2.37	0.68	1.06	0.09	0.063	1.41
WD13-005-128	0.5	< 0.1	< 0.1	0.11	< 0.1	0.001	< 5	0.05	2.85	0.9	0.2	< 10	46.10	16.92	14.61	0.167	6.45	10.54	2.03	0.69	1.17	0.09	0.094	1.36
WD13-005-129	0.6	< 0.1	< 0.1	0.22	< 0.1	0.001	11	0.05	2.23	1.3	0.3	< 10	46.29	16.71	14.02	0.166	6.16	10.77	2.03	0.71	1.11	0.09	0.082	1.61
WD13-005-130	0.6	< 0.1	< 0.1	0.26	< 0.1	0.001	9	0.06	2.99	1.2	0.3	< 10	47.12	17.33	13.63	0.160	6.12	10.29	2.21	0.78	1.07	0.08	0.082	1.46
WD13-005-131	0.5	< 0.1	< 0.1	0.30	< 0.1	0.001	12	0.07	2.19	1.0	0.3	< 10	45.90	17.09	14.26	0.159	6.46	9.90	2.49	0.73	1.11	0.09	0.115	1.91
WD13-005-132	0.6	< 0.1	< 0.1	0.31	< 0.1	0.001	9	0.06	2.50	1.7	0.5	< 10	46.30	16.94	14.06	0.161	6.19	10.40	2.08	0.77	1.11	0.08	0.100	1.60
WD13-005-133	0.6	< 0.1	0.2	0.27	< 0.1	< 0.001	12	0.06	2.55	3.4	0.7	< 10	53.48	16.51	10.26	0.125	5.33	8.71	2.79	0.63	0.78	0.12	0.047	1.40
WD13-005-134	0.6	< 0.1	0.1	0.72	< 0.1	0.001	17	0.04	1.84	2.1	0.5	< 10	49.26	15.97	12.24	0.151	6.95	9.80	2.53	0.69	0.89	0.10	0.063	1.46
WD13-005-135	0.5	< 0.1	0.1	0.23	< 0.1	0.002	< 5	0.06	3.92	2.8	1.0	< 10	49.50	16.15	12.71	0.141	5.62	9.78	2.16	0.74	1.02	0.06	0.095	1.27
WD13-005-136	0.5	< 0.1	< 0.1	0.23	< 0.1	0.001	10	0.04	2.96	2.0	0.3	< 10	48.29	15.61	13.88	0.158	6.04	10.25	2.05	0.66	1.11	0.05	0.104	1.29
WD13-005-137	0.6	< 0.1	< 0.1	0.53	< 0.1	0.001	10	0.06	3.84	1.7	0.5	< 10	48.26	15.86	14.38	0.165	6.20	10.37	2.06	0.75	1.15	0.05	0.104	1.27
WD13-005-138	0.5	< 0.1	< 0.1	0.27	< 0.1	0.001	10	0.06	3.13	1.9	0.5	< 10	48.56	15.27	14.74	0.154	6.36	9.67	2.11	0.76	1.20	0.06	0.113	1.43
WD13-005-139	0.6	< 0.1	< 0.1	0.42	< 0.1	0.001	11	0.06	2.67	0.8	0.3	< 10	45.23	15.30	16.43	0.177	7.20	10.55	1.66	0.73	1.36	0.06	0.126	1.35
WD13-005-140	< 0.1	< 0.1	< 0.1	0.30	0.2	0.002	1180	0.03	5.04	0.2	< 0.1	< 10	45.52	22.44	6.81	0.080	8.83	12.63	1.29	0.12	0.09	0.01	0.015	2.44

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 11 2013 11:11AM	Jul 16 2013 12:57PM	Jul 10 2013 10:24AM	Jul 10 2013 10:24AM	Jul 10 2013 10:24AM
WD13-005-106	99.31	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	0.2
WD13-005-107	100.7	0.03	0.024	< 0.004	0.007	0.01	470	2160	419
WD13-005-108	99.64	< 0.01	0.003	< 0.004	< 0.004	0.04	2	1.7	0.7
WD13-005-109	100.3	< 0.01	0.005	0.007	0.007	0.20	< 1	0.7	0.6
WD13-005-110	100.3	< 0.01	< 0.003	0.007	0.007	0.19	< 1	0.6	0.5
WD13-005-111	100.1	< 0.01	0.004	0.004	0.006	0.15	< 1	0.3	0.5
WD13-005-112	100.1	0.03	0.018	0.004	0.005	0.15	< 1	0.4	0.5
WD13-005-113	99.56	< 0.01	< 0.003	< 0.004	0.008	0.18	< 1	0.5	0.6
WD13-005-114	100.5	< 0.01	0.005	< 0.004	0.008	0.34	< 1	0.3	0.5
WD13-005-115	100.5	< 0.01	< 0.003	< 0.004	0.010	0.18	< 1	0.3	0.5
WD13-005-116	100.8	0.01	0.013	0.006	0.010	0.20	< 1	0.4	0.6
WD13-005-117	100.5	< 0.01	< 0.003	< 0.004	0.006	0.14	< 1	0.3	0.5
WD13-005-118	100.6	< 0.01	< 0.003	< 0.004	0.007	0.19	< 1	0.4	0.5
WD13-005-119	100.2	0.01	< 0.003	0.006	0.006	0.20	< 1	0.3	0.5
WD13-005-120	100.6	< 0.01	0.004	< 0.004	0.010	0.22	< 1	0.2	0.5
WD13-005-121	100.2	0.01	0.005	< 0.004	0.010	0.24	< 1	0.3	0.6
WD13-005-122	100.4	0.01	< 0.003	0.005	0.010	0.23	< 1	0.3	0.5
WD13-005-123	99.89	< 0.01	< 0.003	0.004	0.010	0.19	< 1	0.1	0.4
WD13-005-124	99.91	< 0.01	0.010	0.008	0.010	0.23	< 1	0.1	0.5
WD13-005-125	100.2	0.07	0.064	0.005	0.020	0.11	1180	6040	1230
WD13-005-126	100.7	0.01	0.005	0.006	0.005	0.12	1	0.7	0.5
WD13-005-127	100.5	< 0.01	0.004	0.004	0.009	0.18	< 1	0.7	0.6
WD13-005-128	100.2	< 0.01	0.003	0.005	0.009	0.22	1	0.7	0.6
WD13-005-129	99.77	0.01	< 0.003	0.007	0.008	0.20	< 1	0.5	0.6
WD13-005-130	100.4	0.01	0.005	0.007	0.008	0.21	< 1	2.5	1.2
WD13-005-131	100.2	0.01	< 0.003	0.004	0.009	0.24	< 1	0.5	0.6
WD13-005-132	99.82	< 0.01	0.006	< 0.004	0.008	0.18	< 1	0.5	0.6
WD13-005-133	100.2	0.01	0.004	0.005	< 0.004	0.10	< 1	0.9	1.1
WD13-005-134	100.1	0.02	0.006	0.007	0.006	0.14	< 1	1.1	1.7
WD13-005-135	99.26	< 0.01	0.003	< 0.004	0.008	0.20	< 1	0.4	0.6
WD13-005-136	99.52	0.01	< 0.003	0.004	0.011	0.22	< 1	0.3	0.7
WD13-005-137	100.7	0.01	0.008	0.005	0.012	0.22	< 1	0.3	0.6
WD13-005-138	100.5	0.01	0.006	0.004	0.011	0.23	< 1	0.6	0.8
WD13-005-139	100.2	< 0.01	0.004	0.007	0.017	0.27	< 1	0.5	0.7
WD13-005-140	100.4	0.08	0.063	< 0.004	0.019	0.11	1260	6310	1230

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	

MICA-FE LABSTD																								
AN-G LABSTD																								
LKSD-4 LABSTD																								
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Oreas 74a (Fusion)																								
LABSTD																								
PK2 LABSTD																								
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GS311-4 LABSTD																								
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GS900-5 LABSTD																								
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GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-005-113	15.2	0.4	7	0.618	1.50	4.81	0.22	< 0.02	4.03	12.4	291	84.9	514	5.16	31.6	33.4	90.2	48.2	11.2	< 0.1	0.2	< 0.1	7.9	254
Replicate Original																								
WD13-005-113 LABDUP	15.7	0.4	7	0.648	1.56	5.02	0.23	< 0.02	4.16	12.9	300	87.9	535	5.33	33.1	34.4	94.3	50.8	11.8	< 0.1	0.2	0.1	8.1	263
WD13-005-116																								
Replicate Original																								
WD13-005-116 LABDUP																								
WD13-005-123																								
Replicate Original																								
WD13-005-123 LABDUP																								
WD13-005-125																								
Replicate Original																								
WD13-005-125 LABDUP																								
WD13-005-126	20.1	0.3	25	0.489	1.61	3.34	0.20	0.03	3.01	12.9	196	55.0	529	4.63	26.4	30.7	70.3	54.4	10.2	< 0.1	0.3	0.2	7.3	119
Replicate Original																								
WD13-005-126 LABDUP	21.5	0.4	28	0.507	1.67	3.50	0.21	0.03	3.15	13.4	205	57.8	550	4.86	28.0	32.2	73.5	57.7	10.8	< 0.1	0.2	< 0.1	7.6	125
WD13-005-133																								
Replicate Original																								
WD13-005-133 LABDUP																								
WD13-005-135 Split	15.0	0.3	11	0.546	1.58	4.45	0.25	0.05	4.02	14.6	355	114	549	5.63	35.0	43.7	95.0	46.2	10.6	< 0.1	0.6	< 0.1	8.8	214
Original																								
WD13-005-135	14.8	0.3	12	0.563	1.61	4.58	0.26	0.05	4.12	15.1	363	117	568	5.84	35.9	45.0	97.0	47.1	10.8	< 0.1	0.4	0.1	8.9	217
LABPREP																								

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	2013-07-08 12:58:52	

MICA-FE LABSTD																										
AN-G LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD																										
AC-E LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
BaSO4 LABSTD																										
Oreas 74a (Fusion) LABSTD																										
PK2 LABSTD																										
PK2 LABSTD																										
GS311-4 LABSTD																										
GS311-4 LABSTD																										
GS311-4 LABSTD																										
GS311-4 LABSTD																										
GS311-4 LABSTD																										
GS311-4 LABSTD																										
GS900-5 LABSTD																										
GS900-5 LABSTD																										
GS900-5 LABSTD																										
GS900-5 LABSTD																										
CDN-PGMS-22 LABSTD																										
CDN-PGMS-22 LABSTD																										
WD13-005-113 Replicate Original	4.22	2.9	< 0.1	0.22	0.037	0.04	< 0.02	0.28	0.02	< 0.02	0.87	102	6.5	13.0	1.6	6.09	1.1	0.5	1.0	0.2	1.0	0.2	0.5	< 0.1		
WD13-005-113 LABDUP	4.44	3.0	< 0.1	0.29	0.057	0.03	0.02	0.30	0.03	< 0.02	0.89	105	6.9	13.9	1.7	6.52	1.2	0.5	1.1	0.2	1.0	0.2	0.6	< 0.1		
WD13-005-116 Replicate Original																										
WD13-005-116 LABDUP																										
WD13-005-123 Replicate Original																										
WD13-005-123 LABDUP																										
WD13-005-125 Replicate Original																										
WD13-005-125 LABDUP																										
WD13-005-126 Replicate Original	5.21	4.0	< 0.1	0.24	0.040	0.04	0.02	0.29	0.03	< 0.02	0.82	102	7.2	16.2	2.0	8.05	1.5	0.5	1.4	0.2	1.2	0.2	0.7	< 0.1		
WD13-005-126 LABDUP	5.45	5.1	< 0.1	0.27	0.035	0.03	0.02	0.33	0.04	< 0.02	0.85	104	7.6	17.2	2.2	8.74	1.6	0.6	1.4	0.2	1.3	0.3	0.7	< 0.1		
WD13-005-133 Replicate Original																										
WD13-005-133 LABDUP																										
WD13-005-135 Split Original	4.42	4.1	< 0.1	0.79	0.036	0.04	< 0.02	0.24	0.04	< 0.02	1.07	101	9.2	16.4	1.7	6.18	1.2	0.4	1.2	0.2	1.1	0.2	0.6	< 0.1		
WD13-005-135 LABPREP	4.50	2.9	< 0.1	0.75	0.034	0.04	< 0.02	0.25	0.04	< 0.02	1.09	106	9.3	16.6	1.7	6.44	1.2	0.4	1.2	0.2	1.1	0.2	0.6	< 0.1		

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	

WD13-005-137
Replicate Original

WD13-005-137 LABDUP

WD13-005-140
Replicate Original

WD13-005-140 LABDUP

0.80	0.3	< 0.1	7.38	0.175	0.07	< 0.02	1.44	0.50	0.55	0.14	20	1.5	6.17	0.2	0.87	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1
0.79	0.2	< 0.1	7.47	0.210	0.05	< 0.02	1.42	0.50	0.61	0.14	20	1.5	6.32	0.2	0.91	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1

Activation Laboratories Ltd. Report: A13-07279

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31

MICA-FE LABSTD													34.25	19.48	25.55	0.345	4.52	0.45	0.32	8.77	2.53	0.41	0.026	
AN-G LABSTD													46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042	
AC-E LABSTD													70.48	14.72	2.55	0.060	0.06	0.36	6.53	4.50	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.52	2.25			27.95							
PK2 LABSTD																								
PK2 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-005-113 Replicate Original	0.4	< 0.1	< 0.1	0.12	< 0.1	< 0.001	< 5	0.05	1.87	1.0	0.2	< 10												
WD13-005-113 LABDUP	0.5	< 0.1	< 0.1	0.14	< 0.1	< 0.001	8	0.05	2.03	1.1	0.2	< 10												
WD13-005-116 Replicate Original																								
WD13-005-116 LABDUP																								
WD13-005-123 Replicate Original																								
WD13-005-123 LABDUP																								
WD13-005-125 Replicate Original													45.48	22.50	6.84	0.080	8.81	12.68	1.28	0.14	0.09	0.01	0.010	2.44
WD13-005-125 LABDUP													45.11	22.40	6.80	0.080	8.80	12.60	1.30	0.13	0.10	0.02	0.008	2.44
WD13-005-126 Replicate Original	0.5	< 0.1	< 0.1	0.20	< 0.1	0.001	11	0.05	1.45	0.8	0.3	< 10												
WD13-005-126 LABDUP	0.5	< 0.1	0.1	0.18	< 0.1	0.001	7	0.05	1.66	0.8	0.3	< 10												
WD13-005-133 Replicate Original																								
WD13-005-133 LABDUP																								
WD13-005-135 Split Original	0.5	< 0.1	0.1	0.23	< 0.1	0.002	< 5	0.06	3.92	2.8	1.0	< 10	49.50	16.15	12.71	0.141	5.62	9.78	2.16	0.74	1.02	0.06	0.095	1.27
WD13-005-135 LABPREP	0.5	< 0.1	< 0.1	0.56	< 0.1	0.001	33	0.06	4.19	2.8	1.0	< 10	49.96	16.26	12.76	0.142	5.61	9.82	2.18	0.74	1.01	0.05	0.097	1.30

Activation Laboratories Ltd. Report: A13-07279

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 08 12:58:52	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31	2013-07- 11 11:11:31

WD13-005-137
Replicate Original
WD13-005-137 LABDUP
WD13-005-140
Replicate Original
WD13-005-140 LABDUP

< 0.1	< 0.1	< 0.1	0.35	0.2	0.003	1140	0.02	5.04	0.2	< 0.1	< 10
< 0.1	< 0.1	< 0.1	0.24	0.1	0.002	1210	0.03	5.04	0.2	< 0.1	20

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-16 12:57:21	2013-07-10 10:24:15	2013-07-10 10:24:15	2013-07-10 10:24:15

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.91			
LKSD-4 LABSTD						0.95			
LKSD-4 LABSTD						0.93			
LKSD-4 LABSTD						0.95			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						13.6			
BaSO4 LABSTD						14.2			
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						14.0			
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
PK2 LABSTD							5160	6110	4970
PK2 LABSTD							4970	5800	4710
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.34			
CDN-PGMS-22 LABSTD							1260	6080	1180
CDN-PGMS-22 LABSTD							1220	6020	1210
WD13-005-113 Replicate Original						0.18			
WD13-005-113 LABDUP						0.18			
WD13-005-116 Replicate Original							< 1	0.4	0.6
WD13-005-116 LABDUP							< 1	0.4	0.6
WD13-005-123 Replicate Original						0.19			
WD13-005-123 LABDUP						0.19			
WD13-005-125 Replicate Original	100.5	0.08	0.065	0.006	0.021				
WD13-005-125 LABDUP	99.94	0.07	0.063	0.004	0.019				
WD13-005-126 Replicate Original							1	0.7	0.5
WD13-005-126 LABDUP							1	0.6	0.5
WD13-005-133 Replicate Original						0.10			
WD13-005-133 LABDUP						0.09			
WD13-005-135 Split Original	99.26	< 0.01	0.003	< 0.004	0.008	0.20	< 1	0.4	0.6
WD13-005-135 LABPREP	99.96	0.01	0.003	0.005	0.009	0.20	< 1	0.5	0.6

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-11 11:11:31	2013-07-16 12:57:21	2013-07-10 10:24:15	2013-07-10 10:24:15	2013-07-10 10:24:15

WD13-005-137 Replicate Original	< 1	0.3	0.6
WD13-005-137 LABDUP	< 1	0.4	0.7
WD13-005-140 Replicate Original			
WD13-005-140 LABDUP			



Date Submitted: 27-Jun-13
Invoice No.: A13-07280
Invoice Date: 16-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07280**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07280

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 11 2013 1:37PM	Jul 11 2013 1:37PM	Jul 11 2013 1:37PM	Jul 11 2013 1:37PM	Jul 11 2013 1:37PM	Jul 15 2013 2:29PM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM
WD13-005-141	100.0	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.7	< 0.1
WD13-005-142	100.4	0.03	0.022	< 0.004	0.007	0.05	462	2000	460
WD13-005-143	99.56	< 0.01	< 0.003	< 0.004	< 0.004	0.04	2	1.2	0.6
WD13-005-144	100.0	0.03	0.005	0.008	0.010	0.20	< 1	1.1	1.3
WD13-005-145	99.86	0.02	0.019	0.005	0.004	0.10	< 1	1.4	0.5
WD13-005-146	100.6	0.01	0.011	0.004	0.006	0.09	< 1	0.7	0.3
WD13-005-147	100.1	0.05	0.170	0.005	0.006	0.10	< 1	0.7	0.3
WD13-005-148	100.8	0.03	0.046	0.004	0.005	0.10	< 1	0.7	0.3
WD13-005-149	100.4	0.02	0.038	0.004	0.016	0.07	< 1	0.8	0.4
WD13-005-150	99.99	0.05	0.145	0.009	0.018	0.37	1	1.3	1.2
WD13-005-151	100.7	0.05	0.036	0.010	0.014	0.33	1	1.1	1.1
WD13-005-152	100.1	0.03	0.011	0.007	0.012	0.28	< 1	0.8	0.7
WD13-005-153	100.5	0.07	0.135	0.007	0.019	0.23	< 1	0.8	0.8
WD13-005-154	99.18	0.03	0.013	0.007	0.012	0.25	< 1	1.0	0.7
WD13-005-155	100.5	0.03	0.013	0.007	0.010	0.22	< 1	0.8	0.7
WD13-005-156	99.39	0.03	0.005	0.007	0.009	0.20	< 1	0.6	0.5
WD13-005-157	100.3	0.02	0.006	0.007	0.011	0.29	< 1	0.8	0.8
WD13-005-158	99.73	< 0.01	< 0.003	< 0.004	< 0.004	0.06	< 1	0.5	0.3
WD13-005-159	100.1	< 0.01	< 0.003	< 0.004	< 0.004	0.06	< 1	0.5	0.3
WD13-005-160	98.92	0.08	0.064	0.004	0.019	0.10	1230	6090	1380
WD13-005-161	100.7	0.02	0.008	0.004	< 0.004	0.05	< 1	1.6	0.4
WD13-005-162	99.58	< 0.01	0.011	0.004	0.004	0.09	< 1	0.9	0.4
WD13-005-163	99.95	0.02	0.007	0.004	< 0.004	0.08	< 1	0.9	0.5
WD13-005-164	99.62	< 0.01	0.006	0.004	< 0.004	0.08	< 1	1.0	0.4
WD13-005-165	100.2	< 0.01	0.004	0.004	< 0.004	0.09	< 1	0.9	0.3
WD13-005-166	100.1	< 0.01	0.007	0.004	0.004	0.08	< 1	0.8	0.4
WD13-005-167	100.8	0.01	0.017	0.004	0.006	0.03	< 1	0.7	0.4
WD13-005-168	100.4	< 0.01	0.006	0.004	0.004	0.08	1	0.8	0.5
WD13-005-169	100.4	< 0.01	0.007	0.004	0.005	0.02	< 1	0.7	0.4
WD13-005-170	100.2	0.01	0.018	0.005	0.004	0.09	< 1	0.8	0.4
WD13-005-171	98.78	< 0.01	0.007	0.005	< 0.004	0.08	< 1	1.2	0.3
WD13-005-172	100.7	0.01	0.010	0.007	< 0.004	0.08	< 1	1.0	0.3
WD13-005-173	99.54	0.01	0.009	0.006	0.004	0.08	< 1	0.9	0.3
WD13-005-174	99.91	< 0.01	0.008	0.004	< 0.004	0.06	< 1	0.8	0.3
WD13-005-175	99.70	0.08	0.064	0.004	0.018	0.10	1310	6670	1470

Activation Laboratories Ltd. Report: A13-07280

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	
WD13-005-170 LABPREP	24.8	0.4	11	0.670	1.93	5.74	0.21	0.03	4.47	10.4	144	55.7	409	3.69	29.2	48.4	59.6	39.0	11.7	< 0.1	0.7	< 0.1	6.8	237

Activation Laboratories Ltd. Report: A13-07280

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	
WD13-005-170 LABPREP	2.89	3.5	< 0.1	0.31	0.072	0.02	< 0.02	0.14	< 0.02	0.05	1.21	69	5.2	9.55	1.1	4.06	0.7	0.4	0.7	0.1	0.7	0.1	0.4	< 0.1

Activation Laboratories Ltd. Report: A13-07280

Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																									
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	

MICA-FE LABSTD													34.52	19.54	25.63	0.345	4.65	0.42	0.34	8.77	2.49	0.41	0.030	
AN-G LABSTD													46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042	
AC-E LABSTD													70.31	14.70	2.54	0.060	< 0.01	0.35	6.66	4.50	0.11			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD													32.52	2.25			27.95							
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-005-149 Replicate Original													48.46	19.44	9.84	0.149	6.52	10.51	2.00	0.76	0.46	0.07	0.040	1.93
WD13-005-149 LABDUP													48.21	19.33	10.61	0.153	6.50	10.50	1.99	0.75	0.47	0.07	0.039	1.93
WD13-005-150 Replicate Original																								
WD13-005-150 LABDUP																								
WD13-005-159 Replicate Original																								
WD13-005-159 LABDUP																								
WD13-005-160 Replicate Original																								
WD13-005-160 LABDUP																								
WD13-005-169 Replicate Original													49.42	19.26	10.05	0.150	6.36	10.20	1.97	0.76	0.52	0.07	0.039	1.89
WD13-005-169 LABDUP													49.00	19.08	10.01	0.153	6.31	10.16	1.96	0.76	0.52	0.07	0.038	1.89
WD13-005-170 Replicate Original																								
WD13-005-170 Split Original	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.88	1.2	0.4	< 10	49.73	17.14	11.10	0.176	7.46	9.27	1.96	0.78	0.51	0.07	0.036	1.95
WD13-005-170 LABDUP																								

Activation Laboratories Ltd. Report: A13-07280

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17
WD13-005-170 LABPREP	0.3	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	2.05	1.4	0.4	< 10	49.49	16.95	11.03	0.172	7.36	9.24	1.90	0.79	0.51	0.06	0.034	2.20

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-11 13:37:17	2013-07-11 13:37:17	2013-07-11 13:37:17	2013-07-11 13:37:17	2013-07-11 13:37:17	2013-07-15 14:29:27	2013-07-10 10:03:52	2013-07-10 10:03:52	2013-07-10 10:03:52

MICA-FE LABSTD		0.01	0.004	< 0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.95			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1230	6480	1400
CDN-PGMS-22 LABSTD							1360	6370	1460
CDN-PGMS-22 LABSTD							1250	6580	1400
CDN-PGMS-22 LABSTD							1250	6410	1400
CDN-PGMS-22 LABSTD							1250	6330	1390
CDN-PGMS-22 LABSTD							1220	6020	1340
CDN-PGMS-23 LABSTD							522	2180	501
CDN-PGMS-23 LABSTD							542	2110	496
CDN-PGMS-23 LABSTD							465	2150	464
CDN-PGMS-23 LABSTD							459	2120	440
CDN-PGMS-23 LABSTD							500	2090	456
CDN-PGMS-23 LABSTD							509	2040	455
WD13-005-149 Replicate Original	100.2	0.02	0.037	0.004	0.005		< 1	0.8	0.4
WD13-005-149 LABDUP	100.7	0.03	0.039	0.004	0.028		< 1	0.7	0.4
WD13-005-150 Replicate Original							0.38		
WD13-005-150 LABDUP							0.37		
WD13-005-159 Replicate Original							< 1	0.5	0.4
WD13-005-159 LABDUP							< 1	0.5	0.3
WD13-005-160 Replicate Original							0.10		
WD13-005-160 LABDUP							0.10		
WD13-005-169 Replicate Original	100.7	< 0.01	0.006	0.004	0.005		< 1	0.7	0.4
WD13-005-169 LABDUP	99.98	< 0.01	0.009	0.004	0.005		< 1	0.7	0.4
WD13-005-170 Replicate Original							0.09		
WD13-005-170 Split Original	100.2	0.01	0.018	0.005	0.004	0.09	< 1	0.8	0.4
WD13-005-170 LABDUP						0.09			

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 11 13:37:17	2013-07- 15 14:29:27	2013-07- 10 10:03:52	2013-07- 10 10:03:52	2013-07- 10 10:03:52

WD13-005-170 LABPREP	99.77	< 0.01	0.017	0.004	< 0.004	0.09	< 1	0.9	0.4
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Date Submitted: 27-Jun-13
Invoice No.: A13-07295
Invoice Date: 15-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07295**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

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Activation Laboratories Ltd. Report: A13-07295

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 12 2013 10:33AM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	
WD13-005-176	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.60	< 0.1	0.3	< 10	5.25	0.31	0.08	0.052	20.97	29.35	0.03	< 0.01	0.01	0.01	0.003	42.45
WD13-005-177	0.7	< 0.1	0.2	< 0.05	< 0.1	0.003	1340	0.07	4.15	1.0	0.3	< 10	60.23	15.84	6.71	0.098	4.53	6.98	2.47	0.78	0.42	0.10	0.019	1.85
WD13-005-178	0.9	0.1	0.2	< 0.05	0.6	< 0.001	< 5	0.08	3.25	1.5	0.4	< 10	66.36	13.32	6.48	0.105	2.38	4.29	3.17	1.14	0.56	0.14	0.021	1.38
WD13-005-179	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.02	1.0	0.2	< 10	49.92	16.12	11.43	0.183	8.23	9.13	1.96	0.72	0.41	0.06	0.033	2.09
WD13-005-180	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.73	0.5	0.1	< 10	48.38	15.92	11.88	0.185	8.58	9.31	1.86	0.63	0.41	0.06	0.032	1.94
WD13-005-181	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.87	0.5	0.1	< 10	48.75	16.40	12.14	0.182	8.68	9.32	1.93	0.59	0.42	0.07	0.036	2.09
WD13-005-182	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.76	1.1	0.3	< 10	49.78	15.91	11.90	0.192	8.57	8.80	1.91	0.84	0.39	0.06	0.032	1.99
WD13-005-183	0.4	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.67	0.8	0.2	< 10	48.64	16.31	11.36	0.178	7.96	8.72	2.19	1.04	0.42	0.07	0.032	2.39
WD13-005-184	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.78	0.9	0.2	< 10	48.57	17.02	10.75	0.169	7.36	8.88	2.23	0.99	0.38	0.07	0.029	2.48
WD13-005-185	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	2.44	0.7	0.2	< 10	48.98	17.61	11.11	0.171	7.46	9.59	1.95	0.88	0.42	0.06	0.032	2.18
WD13-005-186	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	2.19	0.6	0.1	< 10	48.51	17.33	10.77	0.162	7.30	9.92	2.45	0.77	0.42	0.06	0.034	2.87
WD13-005-187	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	2.67	0.7	0.2	< 10	49.47	17.42	10.88	0.174	7.29	8.80	2.33	1.21	0.44	0.07	0.034	2.47
WD13-005-188	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	1.49	0.9	0.3	< 10	49.15	16.91	10.37	0.160	7.26	8.50	2.88	1.33	0.38	0.07	0.030	3.00
WD13-005-189	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.05	1.38	3.3	0.6	< 10	52.99	14.29	9.11	0.152	8.20	8.27	3.74	0.63	0.45	0.19	0.025	2.61
WD13-005-190	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.12	2.37	1.5	0.5	< 10	53.58	18.38	6.24	0.101	4.43	9.02	3.38	1.27	0.22	0.02	0.025	2.61
WD13-005-191	0.2	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.11	2.09	1.5	0.4	< 10	53.10	19.17	6.30	0.107	4.47	9.25	3.47	1.13	0.19	0.02	0.021	2.28
WD13-005-192	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.10	2.10	1.9	0.6	< 10	52.34	18.25	7.28	0.122	4.74	9.73	3.25	1.12	0.35	0.05	0.025	2.39
WD13-005-193	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.10	1.67	0.5	0.2	< 10	50.98	19.79	7.13	0.125	5.20	10.33	3.42	1.11	0.22	0.01	0.025	2.36
WD13-005-194	0.2	< 0.1	< 0.1	< 0.05	1.2	< 0.001	< 5	0.13	1.51	0.8	0.3	< 10	51.07	19.28	6.26	0.108	4.76	9.59	3.53	1.39	0.17	0.02	0.021	2.65
WD13-005-195	< 0.1	< 0.1	< 0.1	< 0.05	0.3	0.004	1720	0.03	5.60	0.2	0.1	< 10	44.83	21.76	7.09	0.086	8.64	13.00	1.24	0.11	0.09	0.01	0.012	2.75
WD13-005-196	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.10	1.79	0.4	0.2	< 10	50.90	19.60	6.66	0.117	5.32	10.51	3.23	1.24	0.17	0.02	0.021	2.43
WD13-005-197	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.050	< 5	0.10	2.37	0.6	0.2	< 10	50.83	18.61	7.36	0.126	5.58	10.63	2.86	1.07	0.22	0.02	0.026	2.30
WD13-005-198	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.59	0.5	0.1	< 10	49.92	12.70	12.07	0.217	9.73	10.57	2.04	0.53	0.28	< 0.01	0.035	2.01
WD13-005-199	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.09	1.77	0.6	0.2	< 10	50.38	17.48	8.39	0.144	6.29	9.90	3.10	0.79	0.22	0.02	0.028	2.38
WD13-005-200	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.11	2.38	0.4	0.2	< 10	50.20	20.30	6.24	0.104	4.35	11.63	3.08	0.88	0.22	0.02	0.028	2.25
WD13-005-201	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.12	3.78	1.8	0.3	< 10	52.15	17.89	9.48	0.123	4.57	8.60	3.21	1.06	0.35	0.02	0.039	2.62
WD13-005-202	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	1.33	1.1	0.3	< 10	51.86	16.90	9.29	0.154	6.32	9.38	3.02	0.96	0.28	0.02	0.032	2.17
WD13-005-203	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	1.35	1.1	0.1	< 10	52.53	16.40	9.52	0.150	5.74	9.08	3.26	0.68	0.38	0.04	0.037	2.05
WD13-005-204	0.4	< 0.1	< 0.1	< 0.05	0.2	0.002	< 5	0.07	1.04	1.4	0.4	< 10	51.85	15.98	11.52	0.198	5.51	8.53	3.09	0.89	0.48	0.02	0.049	1.98
WD13-005-205	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.07	0.9	0.2	< 10	48.57	13.97	12.70	0.221	9.01	9.28	2.43	0.72	0.54	0.09	0.045	2.39
WD13-005-206	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.92	0.3	< 0.1	< 10	49.48	16.06	12.67	0.220	6.06	9.64	2.82	0.83	0.48	0.02	0.043	2.07
WD13-005-207	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.06	1.47	1.3	0.3	< 10	52.05	16.21	11.29	0.183	5.15	8.47	2.98	0.83	0.49	0.03	0.037	1.61
WD13-005-208	0.6	< 0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.04	2.54	2.6	0.6	< 10	51.26	15.77	9.37	0.147	6.42	8.97	3.71	0.62	0.45	0.11	0.030	2.20
WD13-005-209	0.6	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.09	4.17	1.6	0.4	< 10	52.23	17.51	9.47	0.138	3.97	8.44	3.60	1.15	0.55	0.09	0.037	2.20
WD13-005-210	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	0.002	1220	0.03	5.17	0.2	< 0.1	< 10	45.14	21.91	7.13	0.082	8.63	13.05	1.26	0.12	0.10	0.02	0.010	2.65

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 3:47PM	Jul 15 2013 2:29PM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM
WD13-005-176	98.51	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.3	< 0.1
WD13-005-177	100.1	0.03	0.022	< 0.004	0.009	0.05	484	2070	460
WD13-005-178	99.36	< 0.01	< 0.003	< 0.004	0.004	0.04	4	1.2	0.8
WD13-005-179	100.3	0.01	0.009	0.005	0.005	0.06	< 1	0.7	0.2
WD13-005-180	99.21	< 0.01	0.008	0.004	< 0.004	0.06	< 1	0.6	0.2
WD13-005-181	100.6	< 0.01	0.007	0.005	0.004	0.08	< 1	0.7	0.2
WD13-005-182	100.4	0.01	0.013	0.004	0.004	0.02	1	0.7	0.2
WD13-005-183	99.34	< 0.01	0.008	0.004	0.004	0.08	< 1	0.7	0.3
WD13-005-184	98.96	0.01	0.007	0.004	< 0.004	0.08	< 1	0.9	0.3
WD13-005-185	100.5	0.01	0.011	0.004	0.006	0.12	< 1	0.8	0.4
WD13-005-186	100.6	< 0.01	0.006	0.004	0.005	0.07	< 1	0.6	0.3
WD13-005-187	100.6	< 0.01	0.006	0.004	0.005	0.09	< 1	0.6	0.2
WD13-005-188	100.1	< 0.01	0.005	0.004	0.005	0.08	< 1	0.8	0.2
WD13-005-189	100.7	0.05	0.017	0.004	0.006	0.04	< 1	3.5	1.6
WD13-005-190	99.29	< 0.01	< 0.003	< 0.004	0.005	0.02	< 1	1.0	0.4
WD13-005-191	99.52	< 0.01	< 0.003	0.004	< 0.004	0.01	< 1	0.9	0.7
WD13-005-192	99.66	< 0.01	< 0.003	0.004	< 0.004	0.04	< 1	1.3	1.1
WD13-005-193	100.7	< 0.01	0.003	< 0.004	< 0.004	< 0.01	< 1	1.0	0.9
WD13-005-194	98.85	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	1.5	1.3
WD13-005-195	99.79	0.07	0.061	0.004	0.019	0.10	1210	6310	1370
WD13-005-196	100.2	< 0.01	0.004	< 0.004	< 0.004	< 0.01	< 1	2.4	2.0
WD13-005-197	99.64	< 0.01	0.003	< 0.004	< 0.004	0.02	< 1	1.7	1.5
WD13-005-198	100.1	0.01	0.007	0.006	0.006	0.06	< 1	1.5	1.4
WD13-005-199	99.13	< 0.01	0.004	< 0.004	< 0.004	0.02	1	1.2	1.3
WD13-005-200	99.31	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.8	0.4
WD13-005-201	100.2	< 0.01	0.017	0.005	0.051	0.20	2	42.7	74.9
WD13-005-202	100.4	< 0.01	0.003	0.005	< 0.004	0.02	< 1	1.6	1.0
WD13-005-203	99.89	0.01	0.003	0.004	0.004	0.05	< 1	3.1	1.2
WD13-005-204	100.1	0.01	0.004	< 0.004	0.004	0.09	< 1	2.3	1.0
WD13-005-205	100.1	0.08	0.016	0.004	0.006	0.10	< 1	2.4	2.0
WD13-005-206	100.4	0.02	0.005	0.005	0.005	0.10	< 1	3.2	1.3
WD13-005-207	99.35	0.01	0.003	0.004	< 0.004	0.06	< 1	2.6	1.2
WD13-005-208	99.09	0.03	0.008	< 0.004	< 0.004	0.02	< 1	3.5	2.3
WD13-005-209	99.40	< 0.01	< 0.003	0.004	0.006	0.08	< 1	3.6	2.2
WD13-005-210	100.3	0.07	0.063	0.004	0.020	0.10	1200	6350	1450

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 73a (Fusion)

LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-005-179

Replicate Original

WD13-005-179 LABDUP

WD13-005-183

Replicate Original

WD13-005-183 LABDUP

WD13-005-189

Replicate Original

WD13-005-189 LABDUP

WD13-005-192

Replicate Original

WD13-005-192 LABDUP

WD13-005-193

Replicate Original

WD13-005-193 LABDUP

WD13-005-195

Replicate Original

WD13-005-195 LABDUP

WD13-005-199

Replicate Original

WD13-005-199 LABDUP

WD13-005-203

Replicate Original

WD13-005-203 LABDUP

WD13-005-192 Replicate Original	19.0	1.0	17	0.585	1.51	4.92	0.47	0.11	4.51	13.8	95	18.3	524	2.93	22.2	34.1	39.1	38.2	12.3	< 0.1	0.4	< 0.1	16.9	139
WD13-005-192 LABDUP	18.6	1.0	18	0.581	1.57	5.09	0.46	0.11	4.48	13.7	94	18.9	537	2.96	22.6	33.7	38.2	38.3	12.2	< 0.1	0.4	< 0.1	16.5	138

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	
WD13-005-205 Split Original	24.8	0.3	8	0.422	3.14	3.63	0.32	0.12	3.54	19.0	176	423	965	5.25	39.2	117	51.6	54.5	10.4	< 0.1	0.4	< 0.1	10.0	59.7
WD13-005-205 LABPREP	23.3	0.3	8	0.399	2.97	3.54	0.30	0.12	3.43	18.0	176	419	920	4.98	37.5	115	52.6	56.6	10.2	< 0.1	0.4	< 0.1	9.8	57.1
WD13-005-206 Replicate Original	20.1	0.3	12	0.525	2.27	4.41	0.38	0.06	4.14	20.7	188	120	1050	5.53	36.1	44.2	55.7	59.5	11.6	< 0.1	0.3	< 0.1	12.4	101
WD13-005-206 LABDUP	20.5	0.3	12	0.544	2.38	4.59	0.38	0.06	4.26	21.5	195	121	1050	5.54	37.4	45.2	57.1	60.0	11.7	< 0.1	0.5	< 0.1	12.5	103
WD13-005-209 Replicate Original																								
WD13-005-209 LABDUP																								

Activation Laboratories Ltd. Report: A13-07295

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	
WD13-005-205 Split Original	4.74	4.7	< 0.1	0.44	0.044	0.03	0.02	0.16	< 0.02	< 0.02	0.88	73	5.2	11.7	1.5	6.37	1.3	0.5	1.2	0.2	1.1	0.2	0.6	< 0.1
WD13-005-205 LABPREP	4.61	4.2	< 0.1	0.43	0.054	0.03	0.02	0.15	< 0.02	< 0.02	0.86	70	5.1	11.4	1.5	6.10	1.2	0.5	1.1	0.2	1.0	0.2	0.6	< 0.1
WD13-005-206 Replicate Original	3.58	2.0	< 0.1	0.33	0.041	0.03	0.02	0.07	< 0.02	< 0.02	1.29	88	2.3	4.40	0.6	2.34	0.6	0.4	0.6	0.1	0.8	0.2	0.5	< 0.1
WD13-005-206 LABDUP	3.65	2.1	< 0.1	0.34	0.042	0.04	0.02	0.07	< 0.02	< 0.02	1.31	87	2.3	4.47	0.6	2.36	0.6	0.4	0.6	0.1	0.8	0.2	0.5	< 0.1
WD13-005-209 Replicate Original																								
WD13-005-209 LABDUP																								

Activation Laboratories Ltd. Report: A13-07295

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09

MICA-FE LABSTD													34.38	19.62	26.42	0.345	4.67	0.41	0.30	8.74	2.59	0.41	0.026	
AN-G LABSTD													45.59	29.17	3.39	0.043	1.80	16.07	1.61	0.14	0.21	0.02	0.014	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.47	10.40	13.40	0.202	13.25	14.36	3.24	1.38	2.79	1.08	0.036	
AC-E LABSTD													70.44	14.99	2.59	0.058	0.06	0.35	6.73	4.51	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD													36.21	2.59				32.20						
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-005-179 Replicate Original																								
WD13-005-179 LABDUP																								
WD13-005-183 Replicate Original																								
WD13-005-183 LABDUP																								
WD13-005-189 Replicate Original																								
WD13-005-189 LABDUP																								
WD13-005-192 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.10	2.06	1.8	0.6	< 10												
WD13-005-192 LABDUP	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.10	2.13	1.9	0.6	< 10												
WD13-005-193 Replicate Original																								
WD13-005-193 LABDUP																								
WD13-005-195 Replicate Original													44.58	21.68	7.05	0.085	8.61	12.93	1.23	0.11	0.10	0.01	0.011	2.75
WD13-005-195 LABDUP													45.09	21.85	7.13	0.086	8.66	13.07	1.25	0.12	0.09	0.01	0.012	2.75
WD13-005-199 Replicate Original																								
WD13-005-199 LABDUP																								
WD13-005-203 Replicate Original																								
WD13-005-203 LABDUP																								

Activation Laboratories Ltd. Report: A13-07295

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 12 10:33:15	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09	2013-07- 15 15:47:09
WD13-005-205 Split Original	0.5	< 0.1	0.1	< 0.05	< 0.1	< 0.001	< 5	0.06	1.07	0.9	0.2	< 10	48.57	13.97	12.70	0.221	9.01	9.28	2.43	0.72	0.54	0.09	0.045	2.39
WD13-005-205 LABPREP	0.5	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.05	1.02	0.8	0.2	< 10	47.89	13.75	12.56	0.222	8.88	9.22	2.40	0.70	0.53	0.08	0.043	2.49
WD13-005-206 Replicate Original	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.93	0.3	< 0.1	< 10												
WD13-005-206 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.07	0.92	0.3	< 0.1	< 10												
WD13-005-209 Replicate Original																								
WD13-005-209 LABDUP																								

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 14:29:27	2013-07-10 10:03:52	2013-07-10 10:03:52	2013-07-10 10:03:52

MICA-FE LABSTD		< 0.01	0.004	< 0.004					
AN-G LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.95			
BE-N LABSTD		0.03	0.027	0.004	0.009				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
Oreas 73a (Fusion) LABSTD		0.19	1.50	0.029	0.092				
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD						1250	6580	1400	
CDN-PGMS-22 LABSTD						1250	6410	1400	
CDN-PGMS-22 LABSTD						1250	6330	1390	
CDN-PGMS-22 LABSTD						1220	6020	1340	
CDN-PGMS-23 LABSTD						465	2150	464	
CDN-PGMS-23 LABSTD						459	2120	440	
CDN-PGMS-23 LABSTD						500	2090	456	
CDN-PGMS-23 LABSTD						509	2040	455	
WD13-005-179 Replicate Original						0.06			
WD13-005-179 LABDUP						0.06			
WD13-005-183 Replicate Original						< 1	0.7	0.3	
WD13-005-183 LABDUP						< 1	0.7	0.2	
WD13-005-189 Replicate Original						0.04			
WD13-005-189 LABDUP						0.04			
WD13-005-192 Replicate Original									
WD13-005-192 LABDUP									
WD13-005-193 Replicate Original						< 1	1.0	0.8	
WD13-005-193 LABDUP						< 1	1.1	0.9	
WD13-005-195 Replicate Original	99.30	0.07	0.061	0.004	0.019				
WD13-005-195 LABDUP	100.3	0.07	0.061	0.004	0.019				
WD13-005-199 Replicate Original						0.02			
WD13-005-199 LABDUP						0.02			
WD13-005-203 Replicate Original						< 1	3.2	1.2	
WD13-005-203 LABDUP						< 1	2.9	1.2	

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)	LDI-Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-15 15:47:09	2013-07-14 14:29:27	2013-07-10 10:03:52	2013-07-10 10:03:52	2013-07-10 10:03:52

WD13-005-205 Split Original	100.1	0.08	0.016	0.004	0.006	0.10	< 1	2.4	2.0
WD13-005-205 LABPREP	98.87	0.08	0.014	0.004	0.004	0.10	< 1	2.8	2.1
WD13-005-206 Replicate Original									
WD13-005-206 LABDUP									
WD13-005-209 Replicate Original						0.08			
WD13-005-209 LABDUP						0.08			



Date Submitted: 27-Jun-13
Invoice No.: A13-07297
Invoice Date: 23-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

30 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07297**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07297 rev 1

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay		
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM		
WD13-002-211	4.4	< 0.1	25	0.014	> 10.0	0.02	0.03	0.02	21.9	0.1	3	3.7	415	0.09	0.6	7.9	0.96	31.7	< 0.02	< 0.1	2.0	0.2	0.6	153		
WD13-002-212	11.6	0.4	8	0.395	1.82	5.44	0.16	0.09	3.68	6.7	62	90.9	511	3.60	18.6	205	101	47.4	8.96	< 0.1	5.1	0.6	4.3	66.2		
WD13-002-213	14.1	0.4	8	0.166	0.99	2.22	0.22	0.08	1.54	7.8	82	46.4	575	3.46	10.8	36.3	49.2	54.3	7.23	< 0.1	5.4	0.5	6.0	66.2		
WD13-002-214	10.4	0.2	2	0.108	1.46	1.27	0.09	0.23	3.38	9.8	63	98.9	310	1.59	17.7	97.7	234	804	3.64	< 0.1	0.9	0.4	2.5	43.5		
WD13-002-215	10.3	0.2	2	0.124	1.75	1.01	0.09	0.18	2.19	12.3	70	128	348	1.68	14.9	43.8	5.93	536	3.25	< 0.1	0.8	0.2	1.9	33.4		
WD13-002-216	8.9	0.3	3	0.117	1.68	1.07	0.10	0.13	2.26	12.3	73	127	349	1.66	13.6	42.9	4.27	45.3	3.37	< 0.1	0.7	0.3	2.0	39.1		
WD13-002-217	10.9	0.2	3	0.095	1.45	0.96	0.08	0.26	2.75	10.4	64	109	309	1.64	16.0	44.2	24.6	112	3.01	< 0.1	0.7	0.2	1.4	37.8		
WD13-002-218	13.0	< 0.1	3	0.074	1.26	1.15	0.06	0.13	1.92	8.6	62	100	267	1.47	14.6	45.8	41.9	21.7	3.08	< 0.1	0.7	0.3	1.6	53.7		
WD13-002-219	12.2	0.2	3	0.071	1.22	1.08	0.07	0.25	1.93	8.6	62	102	259	1.42	15.8	47.5	45.4	26.6	2.93	< 0.1	0.7	0.2	1.7	44.1		
WD13-002-220	14.9	0.1	3	0.090	1.52	1.11	0.09	0.42	2.19	10.6	68	115	311	1.67	18.1	49.4	45.8	24.2	3.10	< 0.1	0.5	0.2	2.2	46.1		
WD13-002-221	11.6	0.3	3	0.104	1.51	1.13	0.09	3.03	2.15	10.2	66	116	309	1.72	21.7	50.1	29.0	26.4	3.09	< 0.1	0.7	0.2	2.2	45.6		
WD13-002-222	26.7	0.3	3	0.119	2.80	1.50	0.08	0.18	2.71	15.5	82	172	489	2.65	21.6	72.6	5.64	49.0	4.57	< 0.1	0.6	0.2	1.4	35.4		
WD13-002-223	10.3	0.1	2	0.079	1.29	0.83	0.06	0.59	2.27	9.1	60	95.8	263	1.36	15.1	34.6	6.23	1630	2.65	< 0.1	0.5	0.3	1.2	35.1		
WD13-002-224	32.6	0.3	5	0.139	3.55	1.94	0.13	0.16	2.45	16.7	88	211	577	3.40	29.7	97.5	45.2	44.7	5.24	< 0.1	0.9	0.2	3.8	31.9		
WD13-002-225	36.2	0.2	7	0.169	3.76	1.99	0.14	< 0.02	2.69	16.8	88	201	568	3.47	29.5	94.6	46.4	41.4	5.28	< 0.1	0.5	< 0.1	4.4	33.8		
WD13-002-226	36.1	0.2	9	0.151	3.72	1.69	0.12	< 0.02	2.60	17.7	91	233	607	3.80	37.8	125	72.7	32.5	5.12	< 0.1	0.8	0.3	3.5	24.7		
WD13-002-227	29.1	0.2	7	0.148	3.52	1.81	0.12	< 0.02	2.42	16.5	92	211	585	3.36	30.2	94.9	39.3	50.3	4.95	< 0.1	0.7	0.2	3.6	32.7		
WD13-002-228	30.5	0.2	32	0.116	3.93	2.02	0.06	0.06	3.19	14.0	78	183	666	3.47	26.9	91.1	10.6	44.9	5.77	0.1	0.4	< 0.1	0.8	23.6		
WD13-002-229	27.3	0.2	176	0.125	3.98	1.92	0.06	0.08	3.78	14.3	78	202	717	3.67	28.1	94.0	17.1	68.8	5.31	< 0.1	0.5	0.3	0.8	22.8		
WD13-002-230	14.1	0.4	8	0.177	1.03	2.36	0.21	0.07	1.51	7.8	83	47.5	575	3.51	10.7	36.2	49.0	53.4	7.55	0.1	5.4	0.3	6.1	69.1		
WD13-002-231	18.4	0.1	7	0.139	2.96	1.28	0.09	0.04	2.66	17.0	89	234	511	2.85	26.4	94.0	39.6	31.0	4.23	< 0.1	0.7	0.2	2.1	22.0		
WD13-002-232	19.8	0.2	9	0.181	2.62	1.67	0.19	< 0.02	2.28	15.2	82	187	420	2.64	24.4	88.4	46.3	54.6	4.02	< 0.1	0.6	0.2	6.2	37.6		
WD13-002-233	16.8	0.1	20	0.145	2.59	1.51	0.14	0.03	2.29	13.3	70	155	468	2.55	21.0	72.8	41.1	25.6	3.75	< 0.1	0.5	0.2	4.2	45.4		
WD13-002-234	20.9	0.1	7	0.131	3.56	1.84	0.11	0.03	2.44	14.3	78	188	630	3.19	27.7	101	68.6	33.8	4.62	< 0.1	0.6	0.2	3.1	32.8		
WD13-002-235	24.0	0.2	15	0.150	2.95	1.54	0.17	0.03	2.59	15.4	75	168	494	2.79	23.6	78.4	41.8	32.5	3.90	< 0.1	0.6	0.2	4.8	34.3		
WD13-002-236	11.9	0.1	11	0.187	2.04	1.59	0.20	< 0.02	2.30	13.6	72	150	358	2.04	18.3	69.5	47.2	20.3	3.57	< 0.1	0.6	0.2	6.3	41.5		
WD13-002-237	9.8	< 0.1	8	0.182	2.22	1.40	0.16	< 0.02	2.33	15.0	74	173	395	2.25	21.0	85.2	70.7	21.4	3.37	< 0.1	0.6	0.2	5.0	38.3		
WD13-002-238	20.3	0.2	23	0.227	2.66	2.32	0.19	< 0.02	2.76	13.0	69	204	440	2.46	24.2	87.9	60.7	25.4	4.66	< 0.1	0.6	0.2	6.0	60.1		
WD13-002-239	17.6	0.2	519	0.191	2.47	1.79	0.16	< 0.02	3.01	14.7	79	162	437	2.42	22.2	75.2	47.8	30.8	4.19	< 0.1	0.7	0.2	4.6	43.7		
WD13-002-240	19.0	0.2	108	0.256	2.20	2.17	0.20	< 0.02	2.68	12.5	64	137	371	2.15	18.8	70.5	47.6	50.5	4.47	< 0.1	0.6	< 0.1	6.2	63.8		
WD13-002-241	13.4	0.1	94	0.253	1.91	2.08	0.22	< 0.02	2.69	13.0	63	135	329	1.91	17.4	66.7	43.5	17.1	4.00	< 0.1	0.7	0.2	7.2	67.4		
WD13-002-242	16.3	0.2	46	0.248	2.18	2.17	0.20	0.03	3.03	14.2	76	145	394	2.23	20.3	68.5	37.9	23.1	4.59	< 0.1	0.6	< 0.1	5.7	65.5		
WD13-002-243	20.2	0.2	19	0.271	2.33	2.47	0.21	< 0.02	2.98	14.1	75	154	413	2.45	21.6	76.5	42.9	26.2	4.87	< 0.1	0.6	0.2	6.7	66.8		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-002-211	0.25	0.3	< 0.1	0.85	0.061	0.08	< 0.02	< 0.05	0.05	< 0.02	0.18	23	< 0.5	0.40	< 0.1	0.20	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-002-212	6.76	5.4	< 0.1	8.73	0.146	0.10	0.02	1.82	0.81	0.16	0.36	79	4.9	12.8	1.4	5.66	1.3	0.4	1.5	0.3	1.6	0.3	0.9	0.1	
WD13-002-213	9.25	6.9	0.2	7.60	0.128	0.11	0.03	1.22	0.55	< 0.02	0.43	116	6.3	13.1	1.9	7.94	1.8	0.5	2.1	0.3	2.1	0.4	1.2	0.2	
WD13-002-214	4.92	4.2	< 0.1	4.74	0.190	1.85	< 0.02	0.27	0.05	0.05	0.20	10	2.5	6.29	0.9	4.19	1.0	0.3	1.2	0.2	1.2	0.2	0.7	< 0.1	
WD13-002-215	5.09	4.1	< 0.1	0.37	0.099	0.90	< 0.02	0.26	0.03	< 0.02	0.10	8	2.4	5.84	0.9	4.16	1.1	0.4	1.2	0.2	1.2	0.2	0.7	< 0.1	
WD13-002-216	5.22	4.1	< 0.1	0.33	0.081	0.08	< 0.02	0.25	0.03	0.03	0.16	12	2.2	5.62	0.9	4.06	1.1	0.4	1.2	0.2	1.3	0.3	0.7	0.1	
WD13-002-217	4.51	3.9	< 0.1	0.37	0.087	0.16	< 0.02	0.21	0.05	< 0.02	0.17	6	1.6	4.22	0.7	3.21	0.9	0.3	1.0	0.2	1.1	0.2	0.6	< 0.1	
WD13-002-218	4.25	4.1	< 0.1	0.23	0.065	0.03	< 0.02	0.11	0.06	< 0.02	0.30	6	1.3	3.60	0.6	3.00	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	
WD13-002-219	4.31	4.0	< 0.1	0.40	0.065	0.04	< 0.02	0.12	0.08	< 0.02	0.30	6	1.3	3.62	0.6	3.08	0.9	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	
WD13-002-220	4.83	4.3	< 0.1	0.38	0.080	0.03	< 0.02	0.16	0.06	< 0.02	0.37	10	1.7	4.36	0.7	3.52	1.0	0.3	1.1	0.2	1.2	0.2	0.7	< 0.1	
WD13-002-221	4.53	3.8	< 0.1	0.24	0.145	0.02	< 0.02	0.15	0.05	0.05	0.30	10	1.9	4.55	0.7	3.52	1.0	0.3	1.1	0.2	1.1	0.2	0.6	< 0.1	
WD13-002-222	4.13	3.9	< 0.1	0.34	0.071	0.04	< 0.02	0.13	0.05	< 0.02	0.39	10	1.5	3.85	0.6	3.08	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1	
WD13-002-223	4.68	3.8	< 0.1	1.98	0.103	2.82	< 0.02	0.23	0.16	< 0.02	0.12	3	2.3	5.55	0.9	3.96	1.1	0.4	1.2	0.2	1.2	0.2	0.6	< 0.1	
WD13-002-224	3.48	3.7	< 0.1	0.20	0.067	0.03	< 0.02	0.11	0.04	< 0.02	0.65	26	1.4	3.42	0.5	2.50	0.7	0.2	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-002-225	3.43	3.7	< 0.1	0.17	0.068	0.02	< 0.02	0.12	0.03	< 0.02	0.75	28	1.6	3.81	0.6	2.60	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-002-226	2.99	3.9	< 0.1	0.14	0.088	0.03	< 0.02	0.10	0.04	< 0.02	0.61	29	1.3	3.06	0.5	2.12	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-002-227	3.55	3.8	< 0.1	0.18	0.089	0.03	< 0.02	0.12	0.04	< 0.02	0.62	24	1.6	3.62	0.5	2.56	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1	
WD13-002-228	3.20	3.4	< 0.1	0.44	0.057	0.04	< 0.02	0.11	0.03	< 0.02	0.46	7	1.5	3.47	0.5	2.39	0.6	0.3	0.7	0.1	0.8	0.2	0.4	< 0.1	
WD13-002-229	3.50	3.5	< 0.1	1.30	0.065	0.27	< 0.02	0.09	0.03	< 0.02	0.48	7	1.8	4.11	0.6	2.86	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1	
WD13-002-230	9.50	6.8	0.2	7.29	0.109	0.10	< 0.02	1.22	0.54	< 0.02	0.43	116	6.6	13.7	2.0	8.18	1.9	0.6	2.1	0.4	2.2	0.4	1.2	0.2	
WD13-002-231	3.91	3.9	< 0.1	0.41	0.095	0.03	< 0.02	0.14	0.03	0.02	0.39	16	1.3	3.54	0.6	2.79	0.8	0.2	0.9	0.1	0.9	0.2	0.5	< 0.1	
WD13-002-232	2.91	3.2	< 0.1	0.28	0.085	0.07	< 0.02	0.11	0.03	< 0.02	0.67	44	1.4	3.20	0.5	2.21	0.5	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1	
WD13-002-233	3.27	3.6	< 0.1	0.19	0.121	0.03	< 0.02	0.13	0.03	< 0.02	0.42	27	1.6	3.57	0.5	2.52	0.6	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1	
WD13-002-234	3.15	3.5	< 0.1	0.21	0.083	0.03	< 0.02	0.10	0.03	< 0.02	0.68	20	1.4	3.34	0.5	2.42	0.6	0.2	0.7	0.1	0.8	0.2	0.4	< 0.1	
WD13-002-235	3.32	3.5	< 0.1	0.28	0.078	0.03	< 0.02	0.14	< 0.02	< 0.02	0.47	34	1.5	3.61	0.5	2.53	0.7	0.2	0.8	0.1	0.8	0.2	0.4	< 0.1	
WD13-002-236	2.85	3.3	< 0.1	0.28	0.068	< 0.01	< 0.02	0.12	0.02	< 0.02	0.49	45	1.5	3.37	0.5	2.20	0.6	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1	
WD13-002-237	2.78	3.3	< 0.1	0.20	0.058	0.02	< 0.02	0.16	< 0.02	< 0.02	0.59	36	1.2	2.93	0.4	2.07	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1	
WD13-002-238	2.49	2.7	< 0.1	0.24	0.067	0.01	< 0.02	0.09	0.02	< 0.02	0.71	47	1.5	3.21	0.5	2.01	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-002-239	3.61	3.8	< 0.1	0.19	0.070	0.03	< 0.02	0.14	0.02	< 0.02	0.51	32	1.8	4.28	0.6	2.84	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1	
WD13-002-240	2.72	2.8	< 0.1	0.30	0.100	0.05	< 0.02	0.12	0.02	< 0.02	0.69	55	1.6	3.42	0.5	2.20	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1	
WD13-002-241	2.56	2.7	< 0.1	0.20	0.062	0.02	< 0.02	0.13	< 0.02	< 0.02	0.68	66	1.5	3.21	0.5	2.03	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1	
WD13-002-242	3.59	3.6	< 0.1	0.22	0.058	0.02	< 0.02	0.11	0.02	< 0.02	0.68	163	2.0	4.47	0.6	2.95	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1	
WD13-002-243	3.25	3.4	< 0.1	0.17	0.050	0.02	< 0.02	0.14	< 0.02	< 0.02	0.79	60	2.0	4.25	0.6	2.68	0.6	0.3	0.8	0.1	0.8	0.2	0.4	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg		SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	
WD13-002-211	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	7.40	< 0.1	0.2	< 10	8.40	0.27	0.08	0.052	21.18	28.59	< 0.01	< 0.01	0.02	0.01	0.003	39.91
WD13-002-212	0.6	< 0.1	0.2	< 0.05	0.3	< 0.001	605	0.06	4.12	0.9	0.3	40	60.36	15.72	6.78	0.097	4.71	6.97	2.46	0.78	0.48	0.10	0.019	2.00
WD13-002-213	0.8	0.1	0.2	< 0.05	0.5	< 0.001	< 5	0.07	3.18	1.3	0.4	30	66.16	13.27	6.49	0.107	2.48	4.27	3.23	1.14	0.63	0.14	0.022	1.50
WD13-002-214	0.5	< 0.1	0.1	< 0.05	0.3	0.001	< 5	0.03	22.0	0.3	0.2	< 10	49.96	8.38	10.03	0.203	12.21	13.61	1.83	0.37	0.37	0.03	0.045	3.21
WD13-002-215	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	8.27	0.2	0.3	< 10	51.45	7.57	10.70	0.227	13.64	12.60	1.66	0.40	0.39	0.03	0.046	1.97
WD13-002-216	0.5	< 0.1	0.1	< 0.05	0.3	0.001	< 5	< 0.02	4.76	0.2	0.2	< 10	50.67	7.40	10.86	0.233	13.83	13.32	1.39	0.43	0.40	0.03	0.049	1.97
WD13-002-217	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	6.09	0.2	0.1	20	49.45	6.95	10.92	0.228	13.67	14.12	1.16	0.30	0.40	0.03	0.047	2.87
WD13-002-218	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	8.68	0.1	< 0.1	< 10	49.78	7.35	10.68	0.213	13.91	13.93	0.88	0.24	0.41	0.03	0.047	1.98
WD13-002-219	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	11.5	0.1	< 0.1	< 10	49.98	7.40	10.79	0.217	14.05	13.98	0.86	0.29	0.40	0.02	0.049	2.23
WD13-002-220	0.5	< 0.1	0.1	< 0.05	1.7	0.001	< 5	< 0.02	12.0	0.2	< 0.1	20	49.89	7.22	10.73	0.220	14.09	13.44	0.99	0.32	0.40	0.03	0.050	2.33
WD13-002-221	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	0.02	23.5	0.2	< 0.1	< 10	50.18	7.45	10.81	0.218	13.86	13.48	1.13	0.33	0.40	0.03	0.047	2.37
WD13-002-222	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	8.71	0.1	< 0.1	< 10	48.88	7.05	10.82	0.217	14.16	13.82	1.19	0.23	0.41	0.03	0.053	2.70
WD13-002-223	0.5	< 0.1	0.1	< 0.05	0.2	0.016	< 5	0.02	16.9	0.2	0.1	< 10	51.52	6.70	10.58	0.221	13.86	13.16	1.26	0.23	0.39	0.03	0.048	2.66
WD13-002-224	0.3	< 0.1	0.1	< 0.05	0.2	0.001	< 5	0.03	8.85	0.2	< 0.1	< 10	48.19	7.85	11.03	0.212	14.12	13.97	1.12	0.51	0.44	0.03	0.051	2.75
WD13-002-225	0.3	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.03	3.44	0.2	< 0.1	10	48.40	8.08	11.05	0.201	13.84	13.54	1.30	0.57	0.42	0.04	0.049	2.83
WD13-002-226	0.3	< 0.1	0.1	< 0.05	0.4	0.001	< 5	0.06	1.96	0.1	< 0.1	20	48.28	7.15	11.48	0.202	13.97	14.58	1.16	0.48	0.45	0.03	0.053	2.68
WD13-002-227	0.3	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	0.03	2.22	0.1	< 0.1	20	48.57	7.71	11.14	0.217	13.86	13.80	1.17	0.50	0.44	0.03	0.052	2.56
WD13-002-228	0.3	< 0.1	0.1	< 0.05	0.4	0.002	< 5	< 0.02	6.23	0.1	< 0.1	< 10	48.27	6.88	11.30	0.242	14.66	13.65	1.26	0.14	0.39	0.03	0.045	3.83
WD13-002-229	0.3	< 0.1	0.1	< 0.05	0.3	0.002	< 5	0.03	24.4	0.1	< 0.1	20	47.54	6.53	11.02	0.242	14.35	14.47	1.29	0.15	0.39	0.03	0.045	4.08
WD13-002-230	0.8	0.1	0.2	< 0.05	0.7	0.001	< 5	0.08	3.04	1.4	0.4	< 10	65.80	13.13	6.44	0.102	2.43	4.26	3.17	1.14	0.62	0.14	0.024	1.51
WD13-002-231	0.4	< 0.1	0.1	< 0.05	0.3	0.001	< 5	0.04	6.43	0.1	< 0.1	< 10	49.13	5.76	11.39	0.229	14.47	15.59	0.88	0.28	0.47	0.03	0.054	2.04
WD13-002-232	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.07	1.81	0.1	< 0.1	10	49.07	7.98	10.80	0.201	13.38	14.09	1.06	0.85	0.45	0.04	0.052	1.77
WD13-002-233	0.3	< 0.1	0.1	< 0.05	0.1	0.003	102	0.06	9.71	0.1	< 0.1	< 10	49.96	7.73	10.71	0.227	13.58	13.73	1.27	0.62	0.42	0.03	0.048	2.19
WD13-002-234	0.3	< 0.1	0.1	< 0.05	0.2	0.003	45	0.03	4.65	0.1	< 0.1	< 10	48.40	7.46	10.76	0.233	13.95	14.10	1.21	0.44	0.42	0.03	0.049	2.58
WD13-002-235	0.3	< 0.1	0.1	< 0.05	< 0.1	0.038	< 5	0.06	19.9	0.1	< 0.1	< 10	49.46	7.75	10.86	0.213	13.64	13.89	1.14	0.73	0.43	0.03	0.049	2.37
WD13-002-236	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.58	0.1	< 0.1	< 10	50.19	7.91	10.95	0.214	13.68	14.07	1.03	0.84	0.43	0.04	0.051	1.21
WD13-002-237	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.08	0.46	0.1	< 0.1	< 10	50.01	6.45	11.86	0.232	14.86	14.08	0.76	0.54	0.44	0.03	0.051	0.98
WD13-002-238	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	0.71	0.1	< 0.1	< 10	49.44	9.03	10.40	0.208	13.31	13.54	1.10	0.88	0.38	0.03	0.044	2.00
WD13-002-239	0.4	< 0.1	0.1	< 0.05	0.1	< 0.001	< 5	0.07	2.23	0.2	< 0.1	< 10	49.64	8.01	10.74	0.216	13.66	14.14	1.04	0.65	0.42	0.04	0.047	1.95
WD13-002-240	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.10	7.33	0.2	< 0.1	< 10	49.82	9.13	10.22	0.202	13.02	13.24	1.12	0.84	0.37	0.04	0.042	1.53
WD13-002-241	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.89	0.1	< 0.1	< 10	50.11	9.16	10.49	0.203	13.24	13.88	1.06	0.92	0.41	0.03	0.046	1.12
WD13-002-242	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.24	0.2	< 0.1	< 10	49.54	9.10	10.18	0.207	12.84	13.51	1.18	0.78	0.40	0.04	0.044	1.97
WD13-002-243	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.13	2.17	0.2	< 0.1	< 10	49.66	9.79	10.20	0.199	12.73	13.08	1.25	0.91	0.39	0.04	0.043	2.04

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 3:51PM	Jul 15 2013 2:29PM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM	Jul 10 2013 10:03AM
WD13-002-211	98.51	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.2	< 0.1
WD13-002-212	100.5	0.03	0.022	< 0.004	0.009	0.05	482	2020	458
WD13-002-213	99.45	< 0.01	< 0.003	< 0.004	0.004	0.03	3	0.8	0.6
WD13-002-214	100.3	0.05	0.023	0.004	0.021	0.17	5	210	52.3
WD13-002-215	100.8	0.05	0.018	0.005	< 0.004	0.09	1	69.0	36.5
WD13-002-216	100.6	0.06	0.019	0.005	< 0.004	0.04	< 1	74.3	46.4
WD13-002-217	100.2	0.05	0.017	0.005	< 0.004	0.25	2	73.3	37.0
WD13-002-218	99.54	0.06	0.017	0.005	< 0.004	0.08	2	76.1	37.5
WD13-002-219	100.3	0.06	0.017	0.004	0.004	0.11	1	80.1	39.7
WD13-002-220	99.79	0.05	0.018	0.005	< 0.004	0.15	< 1	69.2	33.5
WD13-002-221	100.4	0.06	0.017	0.006	< 0.004	0.24	2	77.3	40.1
WD13-002-222	99.63	0.05	0.017	0.004	< 0.004	0.03	3	77.7	42.7
WD13-002-223	100.7	0.05	0.016	0.004	< 0.004	0.29	2	63.6	41.3
WD13-002-224	100.4	0.06	0.017	0.005	0.004	0.12	3	72.2	38.2
WD13-002-225	100.4	0.05	0.018	0.004	< 0.004	0.02	3	73.5	37.2
WD13-002-226	100.6	0.06	0.020	0.006	0.006	0.09	3	72.7	36.5
WD13-002-227	100.1	0.05	0.018	0.005	< 0.004	0.04	2	77.7	41.6
WD13-002-228	100.8	0.05	0.018	0.005	< 0.004	0.03	3	59.1	35.7
WD13-002-229	100.2	0.06	0.017	0.004	< 0.004	0.06	3	65.3	44.8
WD13-002-230	98.77	< 0.01	< 0.003	< 0.004	< 0.004	0.05	2	0.9	0.8
WD13-002-231	100.4	0.08	0.020	0.006	< 0.004	0.06	4	73.5	36.3
WD13-002-232	99.83	0.06	0.018	0.005	< 0.004	0.05	4	83.3	57.7
WD13-002-233	100.6	0.05	0.017	0.004	0.004	0.03	4	76.0	56.3
WD13-002-234	99.72	0.05	0.017	0.005	0.005	0.05	6	85.2	57.3
WD13-002-235	100.6	0.05	0.019	0.004	< 0.004	0.02	6	80.2	54.9
WD13-002-236	100.7	0.06	0.018	0.005	0.004	0.04	5	92.5	60.0
WD13-002-237	100.4	0.07	0.021	0.006	0.006	0.05	5	85.9	36.7
WD13-002-238	100.4	0.06	0.019	0.004	0.005	1.97	3	59.3	30.0
WD13-002-239	100.6	0.05	0.018	0.005	0.004	0.06	3	70.7	44.9
WD13-002-240	99.65	0.05	0.017	0.006	< 0.004	0.04	3	59.8	37.6
WD13-002-241	100.7	0.05	0.017	0.004	< 0.004	0.04	3	65.0	33.2
WD13-002-242	99.86	0.05	0.017	0.004	< 0.004	0.04	2	61.8	29.7
WD13-002-243	100.4	0.05	0.017	0.004	< 0.004	< 0.01	3	58.7	25.8

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD
 AN-G LABSTD
 LKSD-4 LABSTD
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 LKSD-4 LABSTD
 BE-N LABSTD
 AC-E LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
 BaSO4 LABSTD
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 BaSO4 LABSTD
 Oreas 73a (Fusion)
 LABSTD
 Oreas 74a (Fusion)
 LABSTD
 GS311-4 LABSTD
 GS311-4 LABSTD
 GS311-4 LABSTD
 GS311-4 LABSTD
 GS311-4 LABSTD
 GS900-5 LABSTD
 GS900-5 LABSTD
 GS900-5 LABSTD
 GS900-5 LABSTD
 GS900-5 LABSTD
 CDN-PGMS-22 LABSTD
 CDN-PGMS-22 LABSTD
 CDN-PGMS-22 LABSTD
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 CDN-PGMS-23 LABSTD
 CDN-PGMS-23 LABSTD
 WD13-002-212
 Replicate Original
 WD13-002-212 LABDUP
 WD13-002-214
 Replicate Original
 WD13-002-214 LABDUP
 WD13-002-217
 Replicate Original
 WD13-002-217 LABDUP
 WD13-002-218
 Replicate Original
 WD13-002-218 LABDUP
 WD13-002-227
 Replicate Original

11.4	0.4	7	0.388	1.83	5.46	0.16	0.09	3.67	6.5	60	88.2	515	3.59	18.4	199	96.8	46.0	8.89	< 0.1	5.0	0.6	4.2	64.9
11.7	0.3	9	0.402	1.82	5.43	0.16	0.09	3.68	6.8	64	93.7	507	3.62	18.7	211	105	48.8	9.02	< 0.1	5.3	0.6	4.4	67.5

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

WD13-002-227 LABDUP
 WD13-002-228
 Replicate Original
 WD13-002-228 LABDUP
 WD13-002-235
 Replicate Original
 WD13-002-235 LABDUP
 WD13-002-237
 Replicate Original
 WD13-002-237 LABDUP
 WD13-002-240 Split
 Original
 WD13-002-240
 LABPREP
 WD13-002-241
 Replicate Original
 WD13-002-241 LABDUP
 WD13-002-242
 Replicate Original
 WD13-002-242 LABDUP

WD13-002-241 Replicate Original	13.7	0.1	95	0.252	1.86	2.07	0.22	< 0.02	2.68	12.9	64	136	327	1.93	17.3	67.1	43.9	16.8	3.96	< 0.1	0.7	0.2	7.2	67.7
WD13-002-241 LABDUP	13.0	0.2	93	0.255	1.96	2.08	0.22	< 0.02	2.70	13.0	62	133	331	1.90	17.5	66.4	43.1	17.4	4.05	< 0.1	0.7	0.2	7.3	67.0
WD13-002-242 Replicate Original	16.3	0.1	46	0.246	2.12	2.15	0.20	0.03	3.01	14.0	73	142	389	2.22	20.1	67.4	37.3	22.5	4.51	< 0.1	0.6	< 0.1	5.6	64.5
WD13-002-242 LABDUP	16.3	0.2	46	0.250	2.24	2.20	0.19	0.03	3.05	14.4	78	147	400	2.24	20.5	69.6	38.4	23.7	4.67	< 0.1	0.6	0.1	5.8	66.5

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	

MICA-FE LABSTD																												
AN-G LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
LKSD-4 LABSTD																												
BE-N LABSTD																												
AC-E LABSTD																												
BaSO4 LABSTD																												
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BaSO4 LABSTD																												
BaSO4 LABSTD																												
BaSO4 LABSTD																												
Oreas 73a (Fusion) LABSTD																												
Oreas 74a (Fusion) LABSTD																												
GS311-4 LABSTD																												
GS311-4 LABSTD																												
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GS900-5 LABSTD																												
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GS900-5 LABSTD																												
GS900-5 LABSTD																												
CDN-PGMS-22 LABSTD																												
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CDN-PGMS-23 LABSTD																												
CDN-PGMS-23 LABSTD																												
CDN-PGMS-23 LABSTD																												
WD13-002-212 Replicate Original	6.64	5.3	< 0.1	8.59	0.152	0.10	0.02	1.56	0.81	0.17	0.36	77	4.8	12.5	1.3	5.50	1.3	0.4	1.5	0.2	1.5	0.3	0.9	0.1				
WD13-002-212 LABDUP	6.89	5.4	< 0.1	8.87	0.140	0.10	0.03	2.08	0.81	0.15	0.36	81	5.0	13.1	1.4	5.83	1.3	0.4	1.6	0.3	1.6	0.3	0.9	0.1				
WD13-002-214 Replicate Original																												
WD13-002-214 LABDUP																												
WD13-002-217 Replicate Original																												
WD13-002-217 LABDUP																												
WD13-002-218 Replicate Original																												
WD13-002-218 LABDUP																												
WD13-002-227 Replicate Original																												

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	

WD13-002-227 LABDUP

WD13-002-228

Replicate Original

WD13-002-228 LABDUP

WD13-002-235

Replicate Original

WD13-002-235 LABDUP

WD13-002-237

Replicate Original

WD13-002-237 LABDUP

WD13-002-240 Split

Original

WD13-002-240

LABPREP

WD13-002-241

Replicate Original

WD13-002-241 LABDUP

WD13-002-242

Replicate Original

WD13-002-242 LABDUP

2.54	2.8	< 0.1	0.22	0.068	0.01	< 0.02	0.13	< 0.02	< 0.02	0.69	67	1.5	3.22	0.4	2.02	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1
2.58	2.7	< 0.1	0.19	0.055	0.02	< 0.02	0.13	< 0.02	< 0.02	0.68	66	1.5	3.19	0.5	2.03	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1
3.54	3.5	< 0.1	0.22	0.062	0.02	< 0.02	0.11	0.02	< 0.02	0.67	161	1.9	4.39	0.6	2.88	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1
3.65	3.6	< 0.1	0.23	0.055	0.02	< 0.02	0.11	0.02	< 0.02	0.69	165	2.0	4.55	0.6	3.03	0.7	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49
MICA-FE LABSTD													34.38	19.62	26.42	0.345	4.67	0.41	0.30	8.74	2.59	0.41	0.026	
AN-G LABSTD													45.59	29.17	3.39	0.043	1.80	16.07	1.61	0.14	0.21	0.02	0.014	
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD													38.47	10.40	13.40	0.202	13.25	14.36	3.24	1.38	2.79	1.08	0.036	
AC-E LABSTD													70.44	14.99	2.59	0.058	0.06	0.35	6.73	4.51	0.12			
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 73a (Fusion) LABSTD													36.21	2.59			32.20							
Oreas 74a (Fusion) LABSTD													32.39	2.34			28.10							
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-002-212 Replicate Original	0.6	< 0.1	0.2	< 0.05	0.3	< 0.001	639	0.06	4.07	0.8	0.3	30												
WD13-002-212 LABDUP	0.6	< 0.1	0.2	< 0.05	0.3	0.002	570	0.06	4.18	0.9	0.3	40	49.94	8.37	10.04	0.202	12.27	13.62	1.83	0.37	0.37	0.03	0.045	3.21
WD13-002-214 Replicate Original																								
WD13-002-214 LABDUP													49.97	8.39	10.02	0.203	12.15	13.60	1.83	0.37	0.36	0.03	0.044	3.22
WD13-002-217 Replicate Original																								
WD13-002-217 LABDUP																								
WD13-002-218 Replicate Original																								
WD13-002-218 LABDUP																								
WD13-002-227 Replicate Original																								

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	

WD13-002-227 LABDUP																										
WD13-002-228																										
Replicate Original																										
WD13-002-228 LABDUP																										
WD13-002-235														49.49	7.78	10.87	0.214	13.70	13.92	1.14	0.72	0.42	0.03	0.048	2.38	
Replicate Original																										
WD13-002-235 LABDUP														49.43	7.72	10.85	0.211	13.58	13.85	1.14	0.73	0.43	0.03	0.049	2.37	
WD13-002-237																										
Replicate Original																										
WD13-002-237 LABDUP																										
WD13-002-240 Split																										
Original																										
WD13-002-240																										
LABPREP																										
WD13-002-241	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.91	0.1	< 0.1	< 10														
Replicate Original																										
WD13-002-241 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.14	0.87	0.1	< 0.1	20														
WD13-002-242	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.11	0.2	< 0.1	< 10														
Replicate Original																										
WD13-002-242 LABDUP	0.4	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.11	1.37	0.2	< 0.1	< 10														

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 14:29:27	2013-07- 10 10:03:52	2013-07- 10 10:03:52	2013-07- 10 10:03:52

MICA-FE LABSTD	< 0.01	0.004	< 0.004	< 0.004					
AN-G LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.95			
BE-N LABSTD		0.03	0.027	0.004	0.009				
AC-E LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
BaSO4 LABSTD						13.5			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.3			
Oreas 73a (Fusion) LABSTD		0.19	1.50	0.029	0.092				
Oreas 74a (Fusion) LABSTD		0.19	3.31	0.057	0.126				
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS900-5 LABSTD						0.37			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1360	6240	1390
CDN-PGMS-22 LABSTD							1230	6480	1400
CDN-PGMS-22 LABSTD							1360	6370	1460
CDN-PGMS-22 LABSTD							1250	6580	1400
CDN-PGMS-22 LABSTD							1250	6410	1400
CDN-PGMS-22 LABSTD							1250	6330	1390
CDN-PGMS-22 LABSTD							1220	6020	1340
CDN-PGMS-23 LABSTD							522	2180	501
CDN-PGMS-23 LABSTD							542	2110	496
CDN-PGMS-23 LABSTD							465	2150	464
CDN-PGMS-23 LABSTD							459	2120	440
CDN-PGMS-23 LABSTD							500	2090	456
CDN-PGMS-23 LABSTD							509	2040	455
WD13-002-212 Replicate Original									
WD13-002-212 LABDUP									
WD13-002-214 Replicate Original	100.4	0.05	0.022	0.004	0.021				
WD13-002-214 LABDUP	100.3	0.05	0.023	0.004	0.021				
WD13-002-217 Replicate Original							2	73.4	36.7
WD13-002-217 LABDUP							1	73.2	37.4
WD13-002-218 Replicate Original							0.08		
WD13-002-218 LABDUP							0.08		
WD13-002-227 Replicate Original							2	75.4	41.6

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 15:51:49	2013-07- 15 14:29:27	2013-07- 10 10:03:52	2013-07- 10 10:03:52	2013-07- 10 10:03:52

WD13-002-227 LABDUP							2	79.9	41.6
WD13-002-228 Replicate Original							0.03		
WD13-002-228 LABDUP							0.03		
WD13-002-235 Replicate Original	100.8	0.05	0.018	0.004	0.004				
WD13-002-235 LABDUP	100.5	0.05	0.019	0.004	< 0.004				
WD13-002-237 Replicate Original							5	84.7	35.9
WD13-002-237 LABDUP							5	87.1	37.5
WD13-002-240 Split Original							0.04		
WD13-002-240 LABPREP							0.05		
WD13-002-241 Replicate Original									
WD13-002-241 LABDUP									
WD13-002-242 Replicate Original									
WD13-002-242 LABDUP									



Date Submitted: 27-Jun-13
Invoice No.: A13-07298
Invoice Date: 15-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

6 Core samples and 3 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07298**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07298 rev 1

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-005-211	4.6	< 0.1	14	0.013	> 10.0	0.03	0.03	< 0.02	24.1	0.2	3	3.1	472	0.11	0.7	9.8	2.18	16.0	0.03	< 0.1	0.6	0.1	0.9	154	
WD13-005-212	10.1	0.2	7	0.378	1.76	5.33	0.16	0.08	3.59	6.6	59	88.7	515	3.64	18.4	203	97.1	45.5	8.94	< 0.1	5.3	0.5	4.3	65.3	
WD13-005-213	12.9	0.4	8	0.176	1.00	2.26	0.21	0.07	1.50	8.2	84	47.7	581	3.52	10.9	36.1	49.8	53.2	7.59	0.1	5.2	0.5	6.2	69.0	
WD13-005-214	29.4	0.4	5	0.286	1.43	3.25	0.28	0.07	2.62	8.8	93	27.5	516	3.78	21.3	18.0	36.6	56.6	11.6	0.1	0.5	0.2	8.2	238	
WD13-005-215	11.3	0.2	4	0.304	0.26	1.28	0.45	0.07	0.62	1.2	12	8.6	140	1.07	3.0	4.0	3.48	28.2	6.33	< 0.1	0.5	0.1	10.3	29.7	
WD13-005-216	15.0	0.2	5	0.308	0.38	1.53	0.47	0.03	1.01	2.2	21	7.0	172	1.61	5.3	4.7	18.8	28.2	8.28	< 0.1	0.4	0.2	12.6	42.7	
WD13-005-217	21.1	0.3	5	0.262	0.94	1.65	0.36	0.02	1.34	4.1	33	94.3	289	2.19	9.1	28.7	10.6	41.3	8.23	0.1	0.6	0.1	12.1	40.7	
WD13-005-218	18.6	0.6	6	0.340	0.49	2.00	0.34	0.03	1.13	2.1	22	7.8	237	1.70	5.5	4.9	15.1	41.2	10.8	< 0.1	0.5	0.3	12.7	63.4	
WD13-005-219	3.0	0.1	5	0.886	3.26	> 10.0	0.07	0.10	8.29	3.2	19	175	374	3.64	33.3	537	209	26.7	11.8	< 0.1	3.1	0.9	1.4	83.5	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-005-211	0.34	0.3	< 0.1	0.06	0.033	0.04	< 0.02	< 0.05	0.03	< 0.02	0.23	35	< 0.5	0.48	< 0.1	0.24	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
WD13-005-212	6.79	5.3	< 0.1	8.44	0.113	0.10	0.02	1.53	0.77	0.12	0.35	75	4.7	11.9	1.3	5.43	1.2	0.4	1.5	0.2	1.5	0.3	0.8	0.1	
WD13-005-213	9.40	7.0	0.2	7.66	0.137	0.11	0.03	1.21	0.53	0.03	0.42	112	6.2	12.8	1.8	7.49	1.7	0.5	2.0	0.3	2.0	0.4	1.1	0.2	
WD13-005-214	4.72	6.3	0.1	0.43	0.171	0.02	< 0.02	0.28	< 0.02	< 0.02	0.56	62	14.3	26.0	3.0	11.1	1.8	0.7	1.7	0.2	1.1	0.2	0.6	< 0.1	
WD13-005-215	1.86	7.5	0.2	0.22	0.077	0.02	< 0.02	0.24	< 0.02	< 0.02	0.30	121	14.4	25.5	2.7	8.72	1.3	0.4	1.1	0.1	0.5	< 0.1	0.2	< 0.1	
WD13-005-216	4.55	8.8	0.4	0.28	0.072	< 0.01	< 0.02	0.54	< 0.02	< 0.02	0.41	129	27.7	52.6	5.9	19.6	3.0	0.7	2.5	0.3	1.2	0.2	0.5	< 0.1	
WD13-005-217	4.88	11.8	0.3	0.33	0.080	0.02	< 0.02	0.56	< 0.02	< 0.02	0.42	65	24.0	44.6	5.0	17.0	2.6	0.7	2.2	0.2	1.2	0.2	0.5	< 0.1	
WD13-005-218	4.42	16.4	0.4	0.38	0.084	0.02	< 0.02	0.65	< 0.02	< 0.02	0.43	58	24.8	47.2	5.2	17.4	2.7	0.6	2.3	0.3	1.2	0.2	0.5	< 0.1	
WD13-005-219	0.82	0.8	< 0.1	7.81	0.229	0.06	< 0.02	1.54	0.98	0.47	0.14	15	1.4	6.08	0.2	0.86	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	
WD13-005-211	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.56	< 0.1	0.3	20	4.31	0.23	0.09	0.077	21.73	30.04	< 0.01	< 0.01	0.01	0.01	< 0.003	44.21	
WD13-005-212	0.5	< 0.1	0.1	< 0.05	0.2	< 0.001	260	0.06	3.70	0.8	0.3	40	60.15	15.56	6.68	0.097	4.59	6.86	2.38	0.75	0.46	0.09	0.019	1.97	
WD13-005-213	0.8	0.1	0.2	< 0.05	0.4	0.001	< 5	0.07	3.82	1.3	0.4	10	66.27	13.06	6.42	0.107	2.38	4.23	3.14	1.12	0.60	0.14	0.024	1.51	
WD13-005-214	0.4	< 0.1	0.2	< 0.05	1.2	< 0.001	< 5	0.05	2.68	2.0	0.3	30	60.68	15.88	6.44	0.100	2.44	6.10	3.68	1.20	0.51	0.20	0.021	2.22	
WD13-005-215	0.1	< 0.1	0.2	< 0.05	0.1	< 0.001	< 5	0.06	2.74	3.5	0.3	10	72.83	13.83	1.63	0.017	0.40	2.23	3.94	3.13	0.15	0.03	0.003	1.12	
WD13-005-216	0.3	< 0.1	0.2	< 0.05	0.2	< 0.001	< 5	0.06	2.98	6.9	0.5	< 10	70.21	14.37	2.42	0.021	0.54	2.35	4.31	3.13	0.31	0.10	< 0.003	1.57	
WD13-005-217	0.4	< 0.1	0.3	< 0.05	0.2	< 0.001	< 5	0.07	2.72	4.8	0.6	< 10	67.43	14.17	3.57	0.043	1.81	3.91	4.22	1.60	0.34	0.10	0.008	1.70	
WD13-005-218	0.3	< 0.1	0.5	< 0.05	0.5	< 0.001	< 5	0.06	2.76	7.7	0.6	< 10	71.44	14.03	2.69	0.032	0.67	2.23	5.06	1.48	0.26	0.07	0.005	1.76	
WD13-005-219	< 0.1	< 0.1	< 0.1	< 0.05	0.2	0.001	1490	0.03	5.22	0.3	< 0.1	70	45.24	22.28	7.09	0.109	8.77	12.90	1.13	0.11	0.09	0.01	0.009	2.69	

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 9 2013 2:56PM	Jul 12 2013 10:23AM	Jul 15 2013 11:30AM	Jul 15 2013 11:30AM	Jul 15 2013 11:30AM
WD13-005-211	100.6	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	< 0.1	< 0.1
WD13-005-212	99.67	0.03	0.021	< 0.004	0.008	0.05	545	2010	475
WD13-005-213	99.01	< 0.01	< 0.003	< 0.004	0.004	0.04	2	0.9	0.6
WD13-005-214	99.48	< 0.01	< 0.003	< 0.004	< 0.004	0.09	< 1	0.2	< 0.1
WD13-005-215	99.31	< 0.01	< 0.003	< 0.004	< 0.004	0.01	< 1	< 0.1	< 0.1
WD13-005-216	99.32	< 0.01	< 0.003	< 0.004	< 0.004	0.03	< 1	< 0.1	< 0.1
WD13-005-217	98.93	0.01	0.012	< 0.004	< 0.004	0.02	1	0.2	0.2
WD13-005-218	99.73	< 0.01	< 0.003	< 0.004	< 0.004	0.02	< 1	< 0.1	< 0.1
WD13-005-219	100.6	0.08	0.063	0.004	0.019	0.10	1190	5990	1320

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

WD13-005-216

Replicate Original

WD13-005-216 LABDUP

18.6	0.6	6	0.340	0.49	2.00	0.34	0.03	1.13	2.1	22	7.8	237	1.70	5.5	4.9	15.1	41.2	10.8	< 0.1	0.5	0.3	12.7	63.4
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WD13-005-218 Split

Original

19.7	0.6	6	0.349	0.48	2.05	0.35	0.04	1.15	2.1	21	7.5	235	1.73	5.5	4.8	14.9	40.7	10.7	0.1	0.4	0.2	12.5	62.7
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WD13-005-218

LABPREP

WD13-005-219

Replicate Original

WD13-005-219 LABDUP

Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	2013-07-12 12:31:48	

MICA-FE LABSTD																								
AN-G LABSTD																								
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GS900-5 LABSTD																								
GS900-5 LABSTD																								
CDN-PGMS-22 LABSTD																								
CDN-PGMS-22 LABSTD																								
WD13-005-216 Replicate Original																								
WD13-005-216 LABDUP	4.42	16.4	0.4	0.38	0.084	0.02	< 0.02	0.65	< 0.02	< 0.02	0.43	58	24.8	47.2	5.2	17.4	2.7	0.6	2.3	0.3	1.2	0.2	0.5	< 0.1
WD13-005-218 Split Original	4.39	16.9	0.4	0.44	0.107	0.01	< 0.02	0.64	< 0.02	0.02	0.44	58	25.1	47.6	5.2	17.5	2.8	0.6	2.3	0.3	1.2	0.2	0.5	< 0.1
WD13-005-218 LABPREP																								
WD13-005-219 Replicate Original																								
WD13-005-219 LABDUP																								

Activation Laboratories Ltd. Report: A13-07298 rev 1

Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	
MICA-FE LABSTD														34.45	19.58	25.69	0.347	4.61	0.42	0.40	8.77	2.53	0.41	0.022	
AN-G LABSTD														46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013	
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
LKSD-4 LABSTD																									
BE-N LABSTD														38.19	10.06	12.90	0.201	13.22	13.89	3.19	1.41	2.63	1.10	0.043	
AC-E LABSTD														70.34	14.78	2.53	0.057	0.02	0.37	6.61	4.56	0.10			
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
BaSO4 LABSTD																									
Oreas 74a (Fusion) LABSTD														32.52	2.25				27.95						
GS311-4 LABSTD																									
GS311-4 LABSTD																									
GS311-4 LABSTD																									
GS311-4 LABSTD																									
GS311-4 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
GS900-5 LABSTD																									
CDN-PGMS-22 LABSTD																									
CDN-PGMS-22 LABSTD																									
WD13-005-216 Replicate Original																									
WD13-005-216 LABDUP																									
WD13-005-218 Split Original	0.3	< 0.1	0.5	< 0.05	0.5	< 0.001	< 5	0.06	2.76	7.7	0.6	< 10	71.44	14.03	2.69	0.032	0.67	2.23	5.06	1.48	0.26	0.07	0.005	1.76	
WD13-005-218 LABPREP	0.3	< 0.1	0.5	< 0.05	0.5	< 0.001	< 5	0.06	2.83	7.8	0.7	10	71.14	14.02	2.69	0.029	0.68	2.24	5.06	1.48	0.26	0.07	0.003	1.73	
WD13-005-219 Replicate Original														45.17	22.29	7.08	0.109	8.77	12.90	1.13	0.11	0.09	0.01	0.009	2.70
WD13-005-219 LABDUP														45.31	22.27	7.10	0.108	8.77	12.91	1.14	0.11	0.09	0.01	0.009	2.68

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 09 14:56:49	2013-07- 11 13:26:34	2013-07- 15 10:14:40	2013-07- 15 10:14:40	2013-07- 15 10:14:40

MICA-FE LABSTD		< 0.01	< 0.003	0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.91			
LKSD-4 LABSTD						0.92			
LKSD-4 LABSTD						0.90			
BE-N LABSTD		0.03	0.026	0.007	0.007				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.8			
BaSO4 LABSTD						13.3			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.4			
BaSO4 LABSTD						14.4			
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
GS311-4 LABSTD						0.51			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.32			
GS900-5 LABSTD						0.35			
CDN-PGMS-22 LABSTD							1190	6060	1370
CDN-PGMS-22 LABSTD							1190	6060	1370
WD13-005-216 Replicate Original						0.03			
WD13-005-216 LABDUP						0.03			
WD13-005-218 Split Original	99.73	< 0.01	< 0.003	< 0.004	< 0.004	0.02	< 1	< 0.1	< 0.1
WD13-005-218 LABPREP	99.41	< 0.01	< 0.003	< 0.004	< 0.004	0.02	1	0.7	0.2
WD13-005-219 Replicate Original	100.5	0.08	0.063	0.004	0.019		1260	6220	1430
WD13-005-219 LABDUP	100.7	0.08	0.063	0.005	0.019		1120	5760	1220



Date Submitted: 27-Jun-13
Invoice No.: A13-07300
Invoice Date: 18-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

66 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07300**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to read "Emmanuel Esemé", written over a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07300

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-002-189	6.3	0.1	5	0.431	2.07	3.12	0.15	< 0.02	3.47	15.1	74	160	316	1.78	15.8	70.4	43.8	14.8	4.94	< 0.1	0.5	0.1	4.6	125	
WD13-002-190	13.0	0.1	6	0.207	2.36	2.01	0.14	0.05	2.92	13.9	74	155	398	2.21	19.4	70.6	32.9	22.0	4.05	< 0.1	0.7	0.3	4.2	70.7	
WD13-002-191	7.7	< 0.1	3	0.056	1.03	1.52	0.04	0.19	2.46	8.0	63	90.6	239	1.34	10.3	34.1	32.5	9.4	3.37	< 0.1	0.5	0.1	0.8	99.8	
WD13-002-192	3.9	< 0.1	2	0.045	0.74	1.09	0.03	0.19	2.02	6.5	52	67.5	173	0.97	6.9	22.7	17.1	6.8	2.57	0.1	0.5	< 0.1	0.4	84.2	
WD13-002-193	4.5	0.1	2	0.049	0.81	1.34	0.03	0.20	2.28	7.7	59	74.8	186	1.11	7.5	24.0	10.1	7.6	3.16	0.1	0.4	< 0.1	0.4	117	
WD13-002-194	6.5	0.2	2	0.061	1.01	1.27	0.04	0.16	2.32	8.2	60	86.3	226	1.22	9.5	31.6	25.5	11.5	3.21	< 0.1	0.7	< 0.1	0.8	86.0	
WD13-002-195	11.6	< 0.1	4	0.116	1.69	1.67	0.10	0.06	2.66	11.3	72	127	344	1.86	15.9	58.2	39.7	17.4	3.64	< 0.1	0.4	0.2	3.1	73.3	
WD13-002-196	10.5	0.1	5	0.119	1.61	1.70	0.10	0.07	2.47	10.5	66	122	309	1.72	15.6	57.9	39.9	14.7	3.49	< 0.1	0.5	< 0.1	2.8	64.8	
WD13-002-197	10.1	0.1	6	0.204	1.98	2.13	0.15	0.05	2.98	13.8	74	142	353	1.93	16.9	64.9	35.9	17.7	3.99	< 0.1	0.5	0.2	4.7	73.9	
WD13-002-198	9.9	0.2	5	0.215	2.07	2.06	0.14	0.03	2.87	13.5	73	147	340	1.96	17.4	63.8	33.6	17.2	4.03	< 0.1	0.6	0.1	3.9	67.2	
WD13-002-199	14.6	0.1	8	0.315	2.20	2.53	0.20	0.03	3.22	14.7	74	154	346	1.99	18.1	78.4	55.1	18.0	4.50	< 0.1	0.5	< 0.1	6.6	81.4	
WD13-002-200	3.2	< 0.1	4	0.827	3.42	> 10.0	0.07	0.11	8.05	3.0	18	171	367	3.62	32.5	519	198	26.5	11.0	< 0.1	2.9	0.7	1.3	79.0	
WD13-002-201	24.2	0.3	9	0.157	1.08	1.61	0.15	0.13	1.97	1.3	13	22.9	179	1.19	9.1	33.2	86.8	729	5.51	< 0.1	1.6	0.1	6.0	24.4	
WD13-002-202	37.2	0.4	16	0.273	1.57	2.51	0.31	0.12	1.70	2.4	38	40.8	303	2.39	18.7	26.9	90.7	1370	9.56	< 0.1	2.5	0.4	11.5	35.4	
WD13-002-203	25.7	0.4	13	0.186	0.74	2.00	0.20	0.29	1.84	1.0	34	12.6	197	1.48	8.2	39.6	65.4	199	7.32	< 0.1	1.3	0.2	7.0	34.6	
WD13-002-204	30.6	0.3	13	0.308	2.40	3.77	0.34	0.12	2.17	5.8	67	50.9	418	3.97	47.4	102	243	155	10.2	< 0.1	2.5	0.6	12.9	43.9	
WD13-002-205	31.7	0.4	14	0.427	2.21	4.30	0.29	0.13	2.60	4.1	35	70.2	277	3.05	49.5	260	381	72.4	8.78	< 0.1	1.0	0.9	10.5	81.5	
WD13-002-206	71.1	0.3	15	0.140	4.26	3.58	0.25	2.19	1.64	4.9	43	150	554	3.97	74.0	258	206	7830	9.74	< 0.1	56.8	2.1	8.1	23.8	
WD13-002-207	43.1	0.3	22	0.187	2.26	4.72	0.41	0.24	3.64	4.5	35	47.2	378	2.69	46.5	253	489	885	7.76	< 0.1	9.2	1.1	19.9	65.4	
WD13-002-208	38.2	0.3	19	0.328	2.28	5.48	0.45	0.17	3.99	5.9	41	58.5	351	3.40	67.5	460	847	362	7.93	< 0.1	2.2	1.7	20.0	104	
WD13-002-209	43.7	0.2	19	0.358	2.03	5.16	0.33	0.11	4.08	6.4	44	52.2	332	2.32	30.2	175	279	25.8	7.34	< 0.1	0.5	0.4	12.8	121	
WD13-002-210	41.8	0.3	15	0.264	1.94	4.78	0.36	0.18	4.03	6.0	45	53.2	315	2.18	24.7	123	305	32.9	7.03	< 0.1	0.8	0.4	15.3	124	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm		
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-002-189	2.71	2.2	< 0.1	0.16	0.029	0.01	< 0.02	0.10	< 0.02	< 0.02	0.43	38	1.2	2.66	0.4	1.85	0.5	0.2	0.6	< 0.1	0.6	0.1	0.4	< 0.1		
WD13-002-190	3.47	3.0	< 0.1	0.25	0.034	0.02	< 0.02	0.11	< 0.02	< 0.02	0.52	27	1.3	3.19	0.5	2.34	0.7	0.2	0.8	0.1	0.8	0.2	0.5	< 0.1		
WD13-002-191	4.24	3.8	< 0.1	1.60	0.026	< 0.01	< 0.02	0.10	0.05	< 0.02	0.20	3	1.3	3.44	0.6	2.80	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1		
WD13-002-192	4.05	3.6	< 0.1	3.91	0.034	< 0.01	< 0.02	0.10	0.05	< 0.02	0.09	1	1.2	3.22	0.5	2.61	0.8	0.2	0.9	0.2	1.0	0.2	0.5	< 0.1		
WD13-002-193	4.22	3.8	< 0.1	1.14	0.030	< 0.01	< 0.02	0.09	0.03	< 0.02	0.09	6	1.3	3.36	0.6	2.71	0.8	0.3	0.9	0.2	1.0	0.2	0.6	< 0.1		
WD13-002-194	4.22	3.7	< 0.1	0.20	0.034	0.01	< 0.02	0.16	0.03	< 0.02	0.16	2	1.3	3.60	0.6	2.90	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1		
WD13-002-195	4.25	3.4	< 0.1	0.44	0.037	0.03	< 0.02	0.08	0.04	< 0.02	0.30	15	1.3	3.50	0.6	2.80	0.8	0.3	1.0	0.2	1.0	0.2	0.6	< 0.1		
WD13-002-196	3.86	3.2	< 0.1	0.24	0.041	0.01	< 0.02	0.08	0.04	< 0.02	0.36	15	1.2	3.06	0.5	2.51	0.7	0.2	0.9	0.1	0.9	0.2	0.5	< 0.1		
WD13-002-197	3.79	2.8	< 0.1	0.12	0.031	0.01	< 0.02	0.08	0.03	< 0.02	0.50	31	1.3	3.31	0.5	2.46	0.7	0.3	0.9	0.1	0.9	0.2	0.5	< 0.1		
WD13-002-198	3.57	2.6	< 0.1	0.09	0.042	0.01	< 0.02	0.10	< 0.02	< 0.02	0.44	27	1.3	3.14	0.5	2.37	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1		
WD13-002-199	3.16	2.5	< 0.1	0.89	0.048	0.01	< 0.02	0.08	< 0.02	< 0.02	0.77	50	1.3	3.07	0.4	2.14	0.6	0.2	0.8	0.1	0.7	0.1	0.4	< 0.1		
WD13-002-200	0.81	0.7	< 0.1	7.44	0.140	0.06	< 0.02	1.50	0.89	0.47	0.14	15	1.4	5.82	0.2	0.81	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1		
WD13-002-201	0.82	1.4	< 0.1	14.2	0.262	1.77	< 0.02	0.14	0.03	0.09	0.51	47	3.4	5.74	0.6	2.08	0.3	0.3	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1		
WD13-002-202	1.69	2.3	< 0.1	79.4	0.960	2.53	< 0.02	0.11	0.08	< 0.02	1.35	103	4.1	7.53	0.8	2.89	0.5	0.5	0.5	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-203	1.39	2.3	< 0.1	6.07	0.461	0.43	< 0.02	0.15	0.02	< 0.02	0.69	70	3.9	7.08	0.8	2.72	0.4	0.5	0.5	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-204	1.56	1.4	< 0.1	0.69	0.357	0.22	< 0.02	0.08	< 0.02	0.04	1.32	79	4.2	7.50	0.8	2.61	0.4	0.4	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-205	1.17	2.6	< 0.1	0.79	0.518	0.11	< 0.02	0.12	0.02	0.06	1.36	82	3.8	6.68	0.7	2.30	0.3	0.3	0.4	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-206	1.31	2.5	< 0.1	89.9	1.24	16.4	< 0.02	0.09	0.13	0.17	0.49	50	1.9	3.54	0.4	1.50	0.3	0.2	0.3	< 0.1	0.3	< 0.1	0.2	< 0.1		
WD13-002-207	1.44	1.7	< 0.1	1.77	0.867	1.27	< 0.02	0.06	< 0.02	0.10	1.53	83	2.6	4.61	0.5	1.86	0.3	0.3	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-208	1.43	1.9	< 0.1	0.83	0.701	0.73	< 0.02	0.07	< 0.02	< 0.02	2.41	97	2.4	4.38	0.5	1.87	0.3	0.2	0.4	< 0.1	0.4	< 0.1	0.2	< 0.1		
WD13-002-209	1.77	2.1	< 0.1	0.93	0.419	0.03	< 0.02	0.08	< 0.02	< 0.02	3.11	96	2.2	4.16	0.5	1.87	0.4	0.3	0.5	< 0.1	0.4	< 0.1	0.3	< 0.1		
WD13-002-210	2.00	2.1	< 0.1	1.20	0.367	0.05	< 0.02	0.09	0.02	< 0.02	2.25	85	2.4	4.40	0.5	2.13	0.5	0.3	0.5	< 0.1	0.5	0.1	0.3	< 0.1		

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI		
Package Code	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 12 2013 12:31PM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM	LDI- Greenfield s PGE Tbay Jul 16 2013 11:24AM
Date Analyzed	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 12:31PM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM	2013 11:24AM
WD13-002-141	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	1.54	0.1	0.4	< 10	4.78	0.30	0.09	0.054	21.03	29.89	< 0.01	< 0.01	0.02	0.02	< 0.003	42.35	
WD13-002-142	0.6	< 0.1	0.1	< 0.05	0.2	0.001	265	0.06	3.89	0.9	0.3	30	59.72	15.75	6.68	0.097	4.52	6.93	2.42	0.77	0.42	0.10	0.018	1.89	
WD13-002-143	0.8	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.07	2.87	1.3	0.4	< 10	66.32	13.39	6.48	0.104	2.38	4.30	3.19	1.14	0.55	0.14	0.024	1.41	
WD13-002-144	0.4	< 0.1	< 0.1	< 0.05	1.1	< 0.001	< 5	< 0.02	9.58	9.6	2.6	< 10	52.87	19.31	4.16	0.059	2.52	10.07	5.68	0.63	0.73	0.79	0.015	2.11	
WD13-002-145	0.3	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.02	6.39	9.7	2.0	< 10	53.24	18.90	4.43	0.060	2.68	10.81	5.55	0.48	0.72	0.70	0.016	1.94	
WD13-002-146	0.3	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	1.31	0.3	< 0.1	10	49.82	7.42	9.96	0.203	13.69	14.81	0.86	0.21	0.30	0.02	0.043	1.98	
WD13-002-147	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	0.84	0.2	< 0.1	< 10	50.04	7.70	10.15	0.205	13.94	14.88	0.89	0.32	0.31	0.03	0.044	1.88	
WD13-002-148	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	0.55	0.1	< 0.1	< 10	49.10	7.74	10.18	0.205	13.87	14.57	1.07	0.48	0.30	0.02	0.043	2.13	
WD13-002-149	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.52	0.1	< 0.1	< 10	50.48	7.40	10.70	0.214	14.56	14.62	0.89	0.52	0.33	0.02	0.047	0.35	
WD13-002-150	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.46	0.1	< 0.1	< 10	49.87	7.52	10.45	0.210	14.32	14.89	0.87	0.53	0.32	0.02	0.045	1.30	
WD13-002-151	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.53	0.1	< 0.1	< 10	49.80	7.40	10.50	0.210	14.29	14.63	0.85	0.51	0.31	0.02	0.045	0.76	
WD13-002-152	0.4	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	1.17	0.2	0.2	< 10	50.50	7.20	10.57	0.228	13.92	13.97	1.15	0.46	0.32	0.03	0.042	1.95	
WD13-002-153	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.04	0.49	0.1	< 0.1	< 10	50.46	7.90	10.42	0.210	14.24	14.44	0.90	0.62	0.31	0.02	0.044	0.88	
WD13-002-154	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.02	0.52	0.1	< 0.1	20	49.78	7.41	10.51	0.204	14.40	14.52	0.95	0.62	0.33	0.03	0.045	1.51	
WD13-002-155	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	0.45	0.1	< 0.1	10	48.39	7.67	10.26	0.204	14.44	14.27	1.40	0.31	0.31	0.02	0.043	2.77	
WD13-002-156	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	< 0.02	0.73	0.1	< 0.1	< 10	49.18	7.61	10.79	0.215	14.80	14.24	1.09	0.41	0.32	0.02	0.045	1.98	
WD13-002-157	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.70	0.1	< 0.1	< 10	49.69	7.50	10.43	0.205	14.14	14.67	0.85	0.58	0.32	0.02	0.045	1.25	
WD13-002-158	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.60	0.1	< 0.1	< 10	50.59	7.52	10.54	0.213	14.34	14.84	0.88	0.43	0.32	0.02	0.047	0.81	
WD13-002-159	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.53	0.1	< 0.1	< 10	50.36	7.39	10.61	0.215	14.51	14.85	0.84	0.37	0.31	0.02	0.045	0.67	
WD13-002-160	0.8	0.1	0.2	< 0.05	0.4	< 0.001	< 5	0.07	2.96	1.4	0.4	10	66.36	13.41	6.51	0.107	2.41	4.32	3.20	1.13	0.56	0.14	0.023	1.41	
WD13-002-161	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.55	0.1	< 0.1	< 10	50.24	7.25	10.63	0.213	14.44	14.78	0.85	0.48	0.32	0.02	0.046	0.43	
WD13-002-162	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	18	0.03	0.52	0.2	< 0.1	10	50.28	7.45	10.53	0.214	14.34	14.78	0.90	0.55	0.31	0.02	0.044	1.03	
WD13-002-163	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	11	0.03	0.55	0.1	< 0.1	10	49.97	7.31	10.55	0.212	14.36	14.68	0.85	0.50	0.32	0.02	0.046	0.63	
WD13-002-164	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	13	0.03	0.59	< 0.1	< 0.1	< 10	50.57	7.44	10.72	0.214	14.72	14.78	0.83	0.52	0.36	0.02	0.049	0.44	
WD13-002-165	0.2	< 0.1	< 0.1	< 0.05	5.8	< 0.001	8	0.02	1.59	0.2	< 0.1	< 10	49.82	7.45	10.50	0.215	14.41	14.08	1.05	0.51	0.35	0.02	0.047	2.01	
WD13-002-166	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	8	< 0.02	14.2	0.1	< 0.1	< 10	49.73	7.15	10.30	0.233	14.15	14.63	1.49	0.29	0.34	0.02	0.049	2.31	
WD13-002-167	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	14.5	0.2	0.2	< 10	51.07	6.92	11.06	0.243	14.20	13.35	1.10	0.21	0.33	0.02	0.043	1.92	
WD13-002-168	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.95	0.1	< 0.1	< 10	50.32	7.41	10.53	0.214	14.42	14.66	0.85	0.49	0.35	0.02	0.051	1.27	
WD13-002-169	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.56	< 0.1	< 0.1	< 10	50.48	7.54	10.77	0.211	14.69	14.48	0.85	0.51	0.36	0.02	0.049	0.50	
WD13-002-170	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.83	0.1	0.1	< 10	50.34	7.56	10.55	0.228	14.42	14.31	0.91	0.43	0.35	0.02	0.047	1.36	
WD13-002-171	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.02	0.47	0.1	< 0.1	< 10	50.74	7.62	10.54	0.216	14.54	14.21	0.87	0.48	0.34	0.02	0.046	0.59	
WD13-002-172	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.47	0.1	< 0.1	< 10	50.39	7.83	10.60	0.214	14.52	14.34	0.91	0.52	0.35	0.02	0.047	0.94	
WD13-002-173	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.02	0.52	0.1	< 0.1	< 10	50.31	7.61	10.60	0.211	14.48	14.60	0.86	0.38	0.36	0.02	0.047	0.36	
WD13-002-174	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.49	0.1	< 0.1	< 10	50.71	7.89	10.60	0.212	14.51	14.77	0.87	0.39	0.36	0.02	0.048	0.32	
WD13-002-175	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.64	0.1	< 0.1	< 10	50.50	7.71	10.54	0.209	14.41	14.78	0.84	0.39	0.36	0.02	0.049	0.84	
WD13-002-176	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.50	0.1	< 0.1	< 10	50.30	7.66	10.70	0.213	14.42	14.58	0.93	0.47	0.36	0.02	0.048	0.65	
WD13-002-177	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.51	0.1	< 0.1	< 10	50.33	7.77	10.58	0.207	14.49	14.40	0.92	0.49	0.36	0.02	0.048	0.98	
WD13-002-178	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.51	0.1	< 0.1	< 10	50.15	8.11	10.67	0.210	14.40	13.93	0.89	0.47	0.35	0.02	0.048	0.21	
WD13-002-179	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.70	0.1	< 0.1	< 10	50.44	7.85	10.56	0.210	14.35	14.56	0.90	0.44	0.37	0.02	0.049	0.51	
WD13-002-180	< 0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	1.39	< 0.1	0.3	< 10	5.56	0.26	0.09	0.053	21.51	29.73	< 0.01	< 0.01	0.02	0.01	< 0.003	42.28	

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	
WD13-002-189	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.56	0.1	< 0.1	< 10	50.66	8.01	10.74	0.212	14.21	14.71	0.90	0.33	0.37	0.03	0.047	0.27
WD13-002-190	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.02	1.22	0.1	< 0.1	< 10	49.77	7.69	10.37	0.211	14.08	13.90	0.94	0.46	0.36	0.03	0.048	1.88
WD13-002-191	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	1.18	0.1	< 0.1	< 10	50.07	7.54	10.12	0.211	13.74	14.44	0.82	0.13	0.36	0.02	0.046	2.05
WD13-002-192	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	0.69	0.1	< 0.1	< 10	51.31	7.41	10.03	0.206	13.82	14.30	0.99	0.10	0.36	0.02	0.043	1.88
WD13-002-193	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	0.74	0.1	< 0.1	< 10	50.95	7.70	10.00	0.204	13.64	14.65	0.88	0.11	0.36	0.03	0.045	1.92
WD13-002-194	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	11	< 0.02	4.59	0.2	0.1	< 10	50.30	7.69	10.40	0.211	13.56	14.70	0.91	0.17	0.36	0.03	0.050	2.10
WD13-002-195	0.4	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	2.41	0.1	< 0.1	< 10	49.91	7.70	10.21	0.210	13.83	14.45	0.91	0.32	0.37	0.02	0.048	2.02
WD13-002-196	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	1.12	0.1	< 0.1	< 10	49.84	7.81	10.39	0.210	14.04	14.81	0.77	0.33	0.37	0.02	0.049	1.99
WD13-002-197	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.02	1.08	0.1	< 0.1	< 10	50.06	7.92	10.38	0.210	13.95	14.70	0.87	0.46	0.38	0.02	0.049	1.53
WD13-002-198	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.02	0.54	0.1	< 0.1	< 10	50.00	7.64	10.53	0.211	14.05	14.89	0.87	0.43	0.38	0.02	0.049	1.42
WD13-002-199	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.04	0.70	0.1	< 0.1	< 10	49.78	8.36	10.10	0.202	13.57	14.10	0.99	0.57	0.36	0.03	0.045	1.20
WD13-002-200	< 0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	616	0.03	4.70	0.2	< 0.1	40	44.76	21.70	7.10	0.084	8.70	12.90	1.23	0.12	0.11	0.01	0.011	2.60
WD13-002-201	< 0.1	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.14	209	0.2	< 0.1	< 10	63.06	15.51	3.22	0.056	3.18	4.34	5.87	0.93	0.09	0.02	0.008	2.22
WD13-002-202	0.1	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.76	621	0.2	0.1	< 10	55.52	19.80	5.74	0.091	3.64	4.79	5.75	1.52	0.21	0.07	0.012	2.38
WD13-002-203	< 0.1	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.10	61.5	0.2	< 0.1	< 10	60.14	19.89	3.40	0.054	1.81	4.37	6.86	1.24	0.21	0.08	0.010	1.83
WD13-002-204	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.12	35.1	0.2	< 0.1	< 10	50.83	16.73	11.54	0.180	7.35	5.94	3.17	1.44	0.24	0.06	0.022	2.58
WD13-002-205	0.1	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	8	0.22	27.7	0.5	0.2	< 10	50.57	18.30	9.17	0.132	7.22	6.10	3.01	1.66	0.17	0.04	0.015	2.84
WD13-002-206	0.1	< 0.1	< 0.1	< 0.05	0.2	0.027	13	0.53	579	0.3	0.1	< 10	49.75	16.13	8.69	0.138	9.52	4.76	3.65	1.26	0.17	0.03	0.020	4.37
WD13-002-207	0.1	< 0.1	< 0.1	< 0.05	0.2	0.001	15	0.19	109	0.2	< 0.1	< 10	48.39	18.57	7.51	0.131	7.77	8.92	2.10	2.28	0.17	0.02	0.017	3.70
WD13-002-208	0.2	< 0.1	< 0.1	< 0.05	< 0.1	0.001	< 5	0.26	117	0.3	0.1	< 10	47.33	17.39	8.93	0.133	8.31	9.77	1.86	1.83	0.20	0.03	0.023	3.38
WD13-002-209	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.12	2.57	0.3	0.1	< 10	48.23	16.71	7.88	0.141	8.75	10.71	1.84	1.63	0.22	0.03	0.028	2.91
WD13-002-210	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	5	0.11	4.76	0.3	< 0.1	< 10	49.02	16.35	7.69	0.140	8.83	11.25	1.95	1.49	0.23	0.02	0.027	2.84

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 12 2013 10:23AM	Jul 16 2013 10:48AM	Jul 16 2013 10:48AM	Jul 16 2013 10:48AM
WD13-002-141	98.52	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.2	< 0.1
WD13-002-142	99.39	0.03	0.028	< 0.004	0.010	0.05	466	1960	455
WD13-002-143	99.45	< 0.01	< 0.003	< 0.004	0.005	0.04	2	1.3	0.6
WD13-002-144	98.94	< 0.01	< 0.003	< 0.004	< 0.004	0.16	1	3.8	0.8
WD13-002-145	99.53	< 0.01	< 0.003	< 0.004	< 0.004	0.07	< 1	2.4	1.2
WD13-002-146	99.40	0.05	0.018	0.004	0.004	0.09	2	79.2	40.9
WD13-002-147	100.5	0.06	0.020	0.004	0.005	0.02	4	71.6	43.5
WD13-002-148	99.80	0.06	0.021	0.004	0.005	0.03	6	76.4	37.5
WD13-002-149	100.2	0.07	0.021	0.006	0.005	< 0.01	6	69.8	34.3
WD13-002-150	100.4	0.08	0.025	0.006	0.005	0.02	< 1	< 0.1	< 0.1
WD13-002-151	99.42	0.06	0.020	0.006	< 0.004	0.02	14	141	79.7
WD13-002-152	100.4	0.07	0.021	0.004	< 0.004	0.03	1	74.1	39.8
WD13-002-153	100.5	0.06	0.020	0.006	0.005	< 0.01	7	77.5	42.7
WD13-002-154	100.4	0.06	0.020	0.004	0.004	0.02	7	78.6	41.6
WD13-002-155	100.2	0.06	0.019	0.004	< 0.004	< 0.01	11	82.3	49.3
WD13-002-156	100.8	0.06	0.020	0.005	< 0.004	0.01	6	76.5	38.8
WD13-002-157	99.79	0.06	0.018	0.005	< 0.004	0.03	8	79.5	43.0
WD13-002-158	100.6	0.06	0.018	0.006	< 0.004	0.02	7	82.4	43.4
WD13-002-159	100.3	0.06	0.020	0.005	< 0.004	0.02	6	73.2	35.3
WD13-002-160	99.60	< 0.01	< 0.003	< 0.004	0.004	0.04	5	1.1	0.6
WD13-002-161	99.79	0.06	0.019	0.004	< 0.004	0.02	7	78.4	36.3
WD13-002-162	100.5	0.06	0.018	0.004	0.004	0.02	7	76.2	42.1
WD13-002-163	99.54	0.06	0.018	0.005	< 0.004	0.02	6	71.9	39.5
WD13-002-164	100.8	0.07	0.020	0.006	0.006	0.02	10	84.4	45.8
WD13-002-165	100.6	0.06	0.020	0.005	0.004	0.05	6	83.6	44.7
WD13-002-166	100.8	0.06	0.018	0.004	< 0.004	0.04	5	91.1	55.8
WD13-002-167	100.6	0.05	0.018	0.004	< 0.004	0.12	2	74.2	41.6
WD13-002-168	100.7	0.06	0.020	0.004	0.004	0.04	6	83.7	47.8
WD13-002-169	100.6	0.06	0.020	0.005	0.004	0.02	8	87.0	42.4
WD13-002-170	100.6	0.06	0.018	0.005	< 0.004	0.02	4	82.4	44.7
WD13-002-171	100.3	0.06	0.020	0.005	< 0.004	0.02	7	89.7	43.0
WD13-002-172	100.8	0.06	0.021	0.005	0.006	0.02	8	79.2	39.0
WD13-002-173	99.92	0.06	0.020	0.005	< 0.004	0.02	8	85.4	50.1
WD13-002-174	100.8	0.06	0.020	0.005	0.004	0.02	6	93.6	52.3
WD13-002-175	100.7	0.06	0.019	0.005	0.004	0.02	8	104	55.3
WD13-002-176	100.4	0.06	0.020	0.005	0.004	0.02	7	88.2	46.9
WD13-002-177	100.7	0.06	0.020	0.004	0.004	0.03	7	91.8	51.5
WD13-002-178	99.54	0.05	0.019	0.006	0.004	0.02	8	95.2	50.2
WD13-002-179	100.3	0.06	0.020	0.005	0.004	0.02	9	94.2	52.9
WD13-002-180	99.51	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.5	0.2
WD13-002-181	100.6	0.06	0.020	0.005	< 0.004	0.02	6	96.2	49.4
WD13-002-182	99.50	0.05	0.017	0.004	< 0.004	0.06	5	88.0	45.0
WD13-002-183	100.5	0.06	0.020	0.005	0.004	0.03	7	88.2	50.9
WD13-002-184	100.6	0.06	0.020	0.005	0.004	0.02	6	90.9	51.2
WD13-002-185	100.6	0.06	0.019	0.006	0.004	0.02	6	92.0	49.0
WD13-002-186	100.7	0.06	0.019	0.005	< 0.004	0.02	8	97.8	51.7
WD13-002-187	99.89	0.06	0.019	0.005	< 0.004	0.02	7	92.1	52.2
WD13-002-188	100.8	0.06	0.019	0.005	0.004	0.02	7	88.4	55.0

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 16 2013 11:24AM	Jul 12 2013 10:23AM	Jul 16 2013 10:48AM	Jul 16 2013 10:48AM	Jul 16 2013 10:48AM
WD13-002-189	100.6	0.06	0.020	0.004	0.004	0.02	8	96.5	58.4
WD13-002-190	99.82	0.06	0.019	0.005	< 0.004	0.02	3	89.6	45.7
WD13-002-191	99.63	0.06	0.018	0.004	< 0.004	0.03	2	86.0	50.8
WD13-002-192	100.5	0.05	0.019	0.004	< 0.004	< 0.01	< 1	77.8	44.8
WD13-002-193	100.6	0.06	0.019	0.005	< 0.004	< 0.01	2	82.3	51.6
WD13-002-194	100.6	0.06	0.019	0.005	< 0.004	0.02	5	80.3	47.6
WD13-002-195	100.1	0.06	0.017	0.005	< 0.004	0.03	3	90.9	49.0
WD13-002-196	100.7	0.06	0.018	0.005	< 0.004	0.04	4	87.2	46.7
WD13-002-197	100.6	0.06	0.017	0.004	< 0.004	0.03	7	89.7	49.4
WD13-002-198	100.6	0.06	0.018	0.005	< 0.004	0.06	5	91.8	50.6
WD13-002-199	99.39	0.05	0.019	0.005	0.004	0.03	7	87.6	53.2
WD13-002-200	99.47	0.07	0.062	0.004	0.018	0.10	1190	6250	1360
WD13-002-201	98.52	< 0.01	< 0.003	< 0.004	0.008	0.21	2	10.3	12.8
WD13-002-202	99.53	< 0.01	< 0.003	< 0.004	0.009	0.27	1	1.4	0.1
WD13-002-203	99.90	< 0.01	< 0.003	< 0.004	0.006	0.16	4	11.6	4.9
WD13-002-204	100.1	< 0.01	0.008	0.005	0.022	0.42	5	15.6	6.6
WD13-002-205	99.30	< 0.01	0.028	0.005	0.036	0.28	15	78.7	35.4
WD13-002-206	98.58	0.03	0.025	0.008	0.019	0.27	31	79.0	28.1
WD13-002-207	99.67	0.01	0.028	0.006	0.048	0.19	24	62.5	38.9
WD13-002-208	99.34	0.02	0.046	0.007	0.077	0.75	16	86.3	35.3
WD13-002-209	99.14	0.01	0.020	0.005	0.026	0.23	7	21.8	9.6
WD13-002-210	99.90	0.02	0.017	0.004	0.029	0.14	10	87.0	18.4

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD																									
AN-G LABSTD																									
LKSD-4 LABSTD																									
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WD13-002-149																									
Replicate Original																									
WD13-002-149 LABDUP																									
WD13-002-150																									
Replicate Original																									
WD13-002-150 LABDUP																									
WD13-002-151	9.9	0.1	7	0.253	2.03	2.01	0.16	< 0.02	2.67	13.0	67	152	328	1.88	16.7	65.8	39.2	17.6	3.96	< 0.1	0.5	0.2	6.3	70.9	
Replicate Original																									
WD13-002-151 LABDUP	10.4	0.1	7	0.263	2.06	2.07	0.17	< 0.02	2.76	14.3	67	156	341	1.94	17.2	70.2	39.1	16.7	3.91	< 0.1	0.6	0.1	6.5	71.5	

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr		
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

WD13-002-159 Replicate Original																									
WD13-002-159 LABDUP																									
WD13-002-160 Replicate Original																									
WD13-002-160 LABDUP																									
WD13-002-166 Replicate Original	32.1	0.8	9	0.146	3.84	1.73	0.09	0.04	2.90	17.0	81	223	659	3.26	27.4	95.8	12.8	55.4	5.05	< 0.1	0.5	0.2	2.4	26.8	
WD13-002-166 LABDUP	32.2	0.7	9	0.151	3.94	1.76	0.09	0.03	3.04	17.8	86	226	673	3.31	28.0	101	12.9	54.2	5.04	< 0.1	0.6	0.2	2.6	27.6	
WD13-002-168 Replicate Original	10.3	0.1	9	0.207	1.94	1.92	0.16	0.04	2.60	13.3	67	145	330	1.94	17.0	66.7	45.4	16.1	3.61	< 0.1	0.5	0.1	5.7	68.2	
WD13-002-168 LABDUP	10.7	0.1	8	0.203	1.96	1.93	0.16	0.04	2.71	13.3	69	146	353	2.01	17.4	67.6	43.5	16.3	3.65	< 0.1	0.5	< 0.1	5.8	69.8	
WD13-002-169 Replicate Original																									
WD13-002-169 LABDUP																									
WD13-002-170 Replicate Original	9.1	0.1	6	0.222	2.03	1.89	0.15	0.03	3.03	15.2	73	150	401	1.95	16.0	60.8	22.4	18.9	3.92	< 0.1	0.4	0.2	4.2	74.7	
WD13-002-170 Split Original	9.1	0.1	7	0.225	2.04	1.92	0.15	0.03	3.05	15.1	74	152	400	1.96	16.1	61.3	23.0	19.1	3.96	< 0.1	0.4	< 0.1	4.2	75.2	
WD13-002-170 LABDUP	9.0	0.1	7	0.227	2.06	1.94	0.16	0.04	3.07	15.0	75	154	400	1.97	16.1	61.8	23.6	19.4	4.01	< 0.1	0.4	< 0.1	4.3	75.8	
WD13-002-170 LABPREP	10.0	0.2	7	0.220	2.12	1.93	0.16	0.04	3.04	15.1	76	152	395	1.96	16.3	62.6	23.4	18.8	3.79	< 0.1	0.4	< 0.1	4.2	73.1	
WD13-002-172 Replicate Original	10.5	0.1	8	0.265	2.09	2.23	0.17	< 0.02	2.87	14.0	69	153	343	1.88	17.0	70.5	60.6	16.8	3.88	< 0.1	0.6	0.2	5.6	70.0	
WD13-002-172 LABDUP	9.1	< 0.1	7	0.222	1.84	1.93	0.15	< 0.02	2.58	12.4	61	132	302	1.62	15.0	62.6	53.5	14.9	3.38	< 0.1	0.4	0.1	5.0	62.7	
WD13-002-180 Replicate Original																									
WD13-002-180 LABDUP																									
WD13-002-184 Replicate Original																									
WD13-002-184 LABDUP																									
WD13-002-190 Replicate Original																									
WD13-002-190 Split Original	13.0	0.1	6	0.207	2.36	2.01	0.14	0.05	2.92	13.9	74	155	398	2.21	19.4	70.6	32.9	22.0	4.05	< 0.1	0.7	0.3	4.2	70.7	
WD13-002-190 LABDUP																									
WD13-002-190 LABPREP	13.9	0.2	6	0.195	2.36	2.10	0.14	0.06	2.81	13.2	73	149	397	2.11	18.5	68.4	30.0	21.0	3.90	< 0.1	0.7	< 0.1	4.1	66.4	
WD13-002-194 Replicate Original																									
WD13-002-194 LABDUP																									
WD13-002-200 Replicate Original																									
WD13-002-200 LABDUP																									
WD13-002-201 Split Original	24.2	0.3	9	0.157	1.08	1.61	0.15	0.13	1.97	1.3	13	22.9	179	1.19	9.1	33.2	86.8	729	5.51	< 0.1	1.6	0.1	6.0	24.4	
WD13-002-201 LABPREP	24.4	0.4	10	0.156	1.10	1.59	0.15	0.13	1.94	1.3	14	23.5	178	1.19	9.3	32.9	87.8	735	5.53	< 0.1	1.5	0.2	6.2	25.3	
WD13-002-204 Replicate Original																									
WD13-002-204 LABDUP																									
WD13-002-210 Replicate Original																									
WD13-002-210 LABDUP																									

Activation Laboratories Ltd. Report: A13-07300

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD
AN-G LABSTD
LKSD-4 LABSTD
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LKSD-4 LABSTD
LKSD-4 LABSTD
BE-N LABSTD
AC-E LABSTD
BaSO4 LABSTD
BaSO4 LABSTD
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BaSO4 LABSTD
GS311-4 LABSTD
GS311-4 LABSTD
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GS900-5 LABSTD
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CDN-PGMS-22 LABSTD
CDN-PGMS-22 LABSTD
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CDN-PGMS-23 LABSTD
CDN-PGMS-23 LABSTD
CDN-PGMS-23 LABSTD
CDN-PGMS-23 LABSTD
WD13-002-149
Replicate Original
WD13-002-149 LABDUP
WD13-002-150
Replicate Original
WD13-002-150 LABDUP
WD13-002-151
Replicate Original
WD13-002-151 LABDUP

2.42	2.1	< 0.1	0.13	0.043	0.01	< 0.02	0.09	< 0.02	< 0.02	0.73	38	1.0	2.24	0.3	1.58	0.4	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
2.48	2.2	< 0.1	0.15	0.048	< 0.01	< 0.02	0.09	< 0.02	< 0.02	0.74	39	1.0	2.29	0.3	1.60	0.4	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48

WD13-002-159 Replicate Original																								
WD13-002-159 LABDUP																								
WD13-002-160 Replicate Original																								
WD13-002-160 LABDUP																								
WD13-002-166 Replicate Original	2.84	2.8	< 0.1	0.27	0.058	0.04	< 0.02	0.10	0.04	< 0.02	0.41	15	0.9	2.15	0.4	1.66	0.5	0.2	0.6	< 0.1	0.7	0.1	0.4	< 0.1
WD13-002-166 LABDUP	2.91	2.9	< 0.1	0.27	0.044	0.02	< 0.02	0.09	0.03	< 0.02	0.41	16	0.9	2.15	0.3	1.68	0.5	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1
WD13-002-168 Replicate Original	2.90	2.6	< 0.1	0.15	0.040	< 0.01	< 0.02	0.09	0.03	< 0.02	0.57	29	1.0	2.40	0.4	1.87	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-002-168 LABDUP	2.99	2.5	< 0.1	0.14	0.046	0.01	< 0.02	0.08	0.03	< 0.02	0.58	30	1.0	2.46	0.4	1.94	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1
WD13-002-169 Replicate Original																								
WD13-002-169 LABDUP																								
WD13-002-170 Replicate Original	3.53	2.7	< 0.1	0.13	0.044	0.01	< 0.02	0.20	< 0.02	< 0.02	0.34	24	1.4	3.32	0.5	2.47	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-002-170 Split Original	3.55	2.7	< 0.1	0.14	0.041	< 0.01	< 0.02	0.20	< 0.02	< 0.02	0.34	24	1.4	3.33	0.5	2.46	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-002-170 LABDUP	3.57	2.7	< 0.1	0.14	0.038	< 0.01	< 0.02	0.19	< 0.02	0.02	0.34	24	1.4	3.34	0.5	2.44	0.7	0.3	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-002-170 LABPREP	3.52	2.6	< 0.1	0.23	0.116	< 0.01	< 0.02	0.20	< 0.02	< 0.02	0.34	24	1.4	3.37	0.5	2.48	0.7	0.3	0.8	0.1	0.9	0.2	0.5	< 0.1
WD13-002-172 Replicate Original	2.69	2.2	< 0.1	0.24	0.040	< 0.01	< 0.02	0.07	< 0.02	< 0.02	0.44	32	1.1	2.60	0.4	1.89	0.5	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1
WD13-002-172 LABDUP	2.38	2.0	< 0.1	0.20	0.034	0.01	< 0.02	0.06	< 0.02	< 0.02	0.39	28	1.0	2.29	0.3	1.64	0.4	0.2	0.5	< 0.1	0.6	0.1	0.3	< 0.1
WD13-002-180 Replicate Original																								
WD13-002-180 LABDUP																								
WD13-002-184 Replicate Original																								
WD13-002-184 LABDUP																								
WD13-002-190 Replicate Original																								
WD13-002-190 Split Original	3.47	3.0	< 0.1	0.25	0.034	0.02	< 0.02	0.11	< 0.02	< 0.02	0.52	27	1.3	3.19	0.5	2.34	0.7	0.2	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-002-190 LABDUP																								
WD13-002-190 LABPREP	3.32	2.8	< 0.1	0.45	0.089	0.02	< 0.02	0.10	< 0.02	< 0.02	0.52	28	1.4	3.20	0.5	2.38	0.6	0.2	0.8	0.1	0.8	0.2	0.5	< 0.1
WD13-002-194 Replicate Original																								
WD13-002-194 LABDUP																								
WD13-002-200 Replicate Original																								
WD13-002-200 LABDUP																								
WD13-002-201 Split Original	0.82	1.4	< 0.1	14.2	0.262	1.77	< 0.02	0.14	0.03	0.09	0.51	47	3.4	5.74	0.6	2.08	0.3	0.3	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1
WD13-002-201 LABPREP	0.85	1.3	< 0.1	14.0	0.285	1.75	< 0.02	0.14	0.02	0.03	0.50	49	3.5	5.82	0.6	2.10	0.3	0.3	0.3	< 0.1	0.2	< 0.1	< 0.1	< 0.1
WD13-002-204 Replicate Original																								
WD13-002-204 LABDUP																								
WD13-002-210 Replicate Original																								
WD13-002-210 LABDUP																								

Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI		
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	

MICA-FE LABSTD														34.25	19.48	25.55	0.345	4.52	0.45	0.32	8.77	2.53	0.41	0.026		
AN-G LABSTD														46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013		
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
LKSD-4 LABSTD																										
BE-N LABSTD														38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042		
AC-E LABSTD														70.48	14.72	2.55	0.060	0.06	0.36	6.53	4.50	0.12				
BaSO4 LABSTD																										
BaSO4 LABSTD																										
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CDN-PGMS-23 LABSTD																										
WD13-002-149																										
Replicate Original																										
WD13-002-149 LABDUP																										
WD13-002-150																										
Replicate Original																										
WD13-002-150 LABDUP																										
WD13-002-151	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.61	0.1	< 0.1	< 10														
Replicate Original																										
WD13-002-151 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.45	0.1	< 0.1	< 10														

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Quality Control	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Method Code																								
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38

WD13-002-159 Replicate Original																									
WD13-002-159 LABDUP																									
WD13-002-160 Replicate Original													66.84	13.51	6.55	0.106	2.43	4.36	3.23	1.15	0.56	0.14	0.023	1.41	
WD13-002-160 LABDUP													65.88	13.32	6.46	0.108	2.39	4.28	3.18	1.12	0.55	0.14	0.023	1.41	
WD13-002-166 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.6	< 0.001	9	< 0.02	14.0	0.1	< 0.1	< 10													
WD13-002-166 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.5	< 0.001	7	0.02	14.4	0.1	< 0.1	< 10													
WD13-002-168 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.99	0.1	< 0.1	< 10													
WD13-002-168 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.03	0.91	0.1	< 0.1	< 10													
WD13-002-169 Replicate Original																									
WD13-002-169 LABDUP																									
WD13-002-170 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.82	0.1	0.1	< 10													
WD13-002-170 Split Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.83	0.1	0.1	< 10	50.34	7.56	10.55	0.228	14.42	14.31	0.91	0.43	0.35	0.02	0.047	1.36	
WD13-002-170 LABDUP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	5	0.02	0.84	0.1	0.1	< 10													
WD13-002-170 LABPREP	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.89	0.1	0.1	< 10	50.36	7.56	10.59	0.225	14.41	14.38	0.92	0.43	0.35	0.02	0.046	1.38	
WD13-002-172 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	6	0.03	0.50	0.1	< 0.1	< 10													
WD13-002-172 LABDUP	0.2	< 0.1	< 0.1	< 0.05	< 0.1	< 0.001	< 5	0.02	0.43	0.1	< 0.1	< 10													
WD13-002-180 Replicate Original													5.50	0.24	0.09	0.053	21.37	29.53	< 0.01	< 0.01	0.02	0.01	< 0.003	42.28	
WD13-002-180 LABDUP													5.62	0.28	0.10	0.053	21.66	29.93	< 0.01	< 0.01	0.02	0.01	< 0.003	42.28	
WD13-002-184 Replicate Original																									
WD13-002-184 LABDUP																									
WD13-002-190 Replicate Original																									
WD13-002-190 Split Original	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.02	1.22	0.1	< 0.1	< 10	49.77	7.69	10.37	0.211	14.08	13.90	0.94	0.46	0.36	0.03	0.048	1.88	
WD13-002-190 LABDUP																									
WD13-002-190 LABPREP	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.02	1.22	0.1	< 0.1	< 10	49.38	7.96	10.16	0.211	13.84	13.57	0.95	0.51	0.35	0.02	0.044	2.00	
WD13-002-194 Replicate Original																									
WD13-002-194 LABDUP																									
WD13-002-200 Replicate Original													44.92	21.83	7.13	0.086	8.76	12.95	1.23	0.12	0.10	0.01	0.010	2.60	
WD13-002-200 LABDUP													44.60	21.57	7.06	0.082	8.64	12.86	1.22	0.12	0.11	0.01	0.012	2.60	
WD13-002-201 Split Original	< 0.1	< 0.1	< 0.1	< 0.05	0.4	< 0.001	< 5	0.14	209	0.2	< 0.1	< 10	63.06	15.51	3.22	0.056	3.18	4.34	5.87	0.93	0.09	0.02	0.008	2.22	
WD13-002-201 LABPREP	< 0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	0.14	212	0.2	< 0.1	< 10	63.12	15.47	3.21	0.057	3.15	4.31	5.88	0.93	0.09	0.02	0.010	2.24	
WD13-002-204 Replicate Original																									
WD13-002-204 LABDUP																									
WD13-002-210 Replicate Original																									
WD13-002-210 LABDUP																									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 12 10:23:28	2013-07- 10 10:03:52	2013-07- 10 10:03:52	2013-07- 10 10:03:52

MICA-FE LABSTD	0.02	0.004	< 0.004	< 0.004					
AN-G LABSTD	0.01	0.003	0.004	< 0.004					
LKSD-4 LABSTD						1.00			
LKSD-4 LABSTD						1.02			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.99			
LKSD-4 LABSTD						0.96			
LKSD-4 LABSTD						0.98			
BE-N LABSTD	0.04	0.028	0.007	0.008					
AC-E LABSTD	< 0.01	< 0.003	< 0.004	< 0.004					
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.0			
BaSO4 LABSTD						14.1			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						13.7			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.54			
GS311-4 LABSTD						0.50			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.36			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.33			
GS900-5 LABSTD						0.34			
CDN-PGMS-22 LABSTD							1230	6480	1400
CDN-PGMS-22 LABSTD							1360	6370	1460
CDN-PGMS-22 LABSTD							1250	6580	1400
CDN-PGMS-22 LABSTD							1250	6410	1400
CDN-PGMS-22 LABSTD							1250	6330	1390
CDN-PGMS-22 LABSTD							1220	6020	1340
CDN-PGMS-23 LABSTD							522	2180	501
CDN-PGMS-23 LABSTD							542	2110	496
CDN-PGMS-23 LABSTD							465	2150	464
CDN-PGMS-23 LABSTD							459	2120	440
CDN-PGMS-23 LABSTD							500	2090	456
CDN-PGMS-23 LABSTD							509	2040	455
WD13-002-149							6	70.8	34.1
Replicate Original									
WD13-002-149 LABDUP							6	68.8	34.4
WD13-002-150							0.02		
Replicate Original									
WD13-002-150 LABDUP							0.02		
WD13-002-151									
Replicate Original									
WD13-002-151 LABDUP									

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 16 11:24:38	2013-07- 12 10:23:28	2013-07- 10 10:03:52	2013-07- 10 10:03:52	2013-07- 10 10:03:52

WD13-002-159 Replicate Original							6	73.1	34.4
WD13-002-159 LABDUP							6	73.4	36.2
WD13-002-160 Replicate Original	100.3	< 0.01	< 0.003	< 0.004	0.005	0.04			
WD13-002-160 LABDUP	98.87	< 0.01	< 0.003	< 0.004	0.004	0.04			
WD13-002-166 Replicate Original									
WD13-002-166 LABDUP									
WD13-002-168 Replicate Original									
WD13-002-168 LABDUP									
WD13-002-169 Replicate Original							7	86.9	42.3
WD13-002-169 LABDUP							8	87.1	42.5
WD13-002-170 Replicate Original						0.02			
WD13-002-170 Split Original	100.6	0.06	0.018	0.005	< 0.004	0.02	4	82.4	44.7
WD13-002-170 LABDUP						0.02			
WD13-002-170 LABPREP	100.8	0.06	0.019	0.006	< 0.004	< 0.01	3	77.2	43.3
WD13-002-172 Replicate Original									
WD13-002-172 LABDUP									
WD13-002-180 Replicate Original	99.08	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-002-180 LABDUP	99.94	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-002-184 Replicate Original							6	90.2	52.3
WD13-002-184 LABDUP							6	91.7	50.2
WD13-002-190 Replicate Original						0.02			
WD13-002-190 Split Original	99.82	0.06	0.019	0.005	< 0.004	0.02			
WD13-002-190 LABDUP						0.02			
WD13-002-190 LABPREP	99.08	0.05	0.017	0.006	< 0.004	0.02			
WD13-002-194 Replicate Original							4	79.6	46.6
WD13-002-194 LABDUP							5	81.0	48.7
WD13-002-200 Replicate Original	99.90	0.07	0.062	0.004	0.018	0.10			
WD13-002-200 LABDUP	99.04	0.08	0.062	0.004	0.018	0.10			
WD13-002-201 Split Original	98.52	< 0.01	< 0.003	< 0.004	0.008	0.21	2	10.3	12.8
WD13-002-201 LABPREP	98.51	< 0.01	< 0.003	< 0.004	0.007	0.21	2	10.1	12.2
WD13-002-204 Replicate Original							5	16.6	6.9
WD13-002-204 LABDUP							5	14.5	6.3
WD13-002-210 Replicate Original						0.14			
WD13-002-210 LABDUP						0.14			



Date Submitted: 27-Jun-13
Invoice No.: A13-07303
Invoice Date: 16-Jul-13
Your Reference: EXPLO2013GRN

Lac Des Iles Mine
556 Tenth Avenue
Thunder Bay ON P7B 2R2
Canada

ATTN: Manager John Corkery

CERTIFICATE OF ANALYSIS

66 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-07303**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

CERTIFIED BY :

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written in a cursive style with some loops and is positioned above a horizontal line.

Emmanuel Esemé , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Activation Laboratories Ltd. Report: A13-07303

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	
WD13-002-119	4.2	0.2	2	0.136	1.88	1.00	0.10	0.05	2.24	13.8	69	138	360	1.67	12.7	47.7	6.51	18.3	2.78	< 0.1	0.6	< 0.1	2.1	34.9
WD13-002-120	2.2	0.3	6	0.123	1.50	0.55	0.06	0.07	1.97	10.9	52	117	386	1.49	9.5	39.5	2.30	26.2	2.67	0.1	0.6	< 0.1	0.6	15.0
WD13-002-121	3.2	0.2	2	0.122	1.70	0.82	0.10	0.05	2.00	12.7	62	126	341	1.55	11.4	42.7	1.28	23.8	2.61	< 0.1	0.4	0.1	2.3	30.8
WD13-002-122	2.4	0.1	4	0.085	0.80	0.96	0.04	0.07	2.30	6.4	46	65.1	207	1.06	5.2	18.2	4.48	10.4	3.90	0.1	0.4	< 0.1	0.5	158
WD13-002-123	8.9	0.5	13	0.166	1.44	1.47	0.14	0.04	2.14	7.0	66	49.2	370	2.41	13.9	34.0	62.1	65.8	7.22	0.1	0.7	0.3	4.0	100
WD13-002-124	12.8	0.5	16	0.168	1.53	1.75	0.16	0.04	1.71	5.4	70	38.2	353	2.54	16.0	45.4	8.91	61.7	8.37	0.2	0.5	0.1	4.6	85.8
WD13-002-125	12.1	0.7	6	0.185	1.63	1.92	0.18	0.04	2.24	6.8	76	48.6	403	2.70	16.1	44.9	17.3	61.6	8.64	0.1	0.7	0.2	4.7	81.2
WD13-002-126	13.1	< 0.1	6	0.172	3.01	1.93	0.16	< 0.02	2.35	14.7	73	186	433	2.76	22.8	83.2	42.3	23.5	3.55	< 0.1	0.5	< 0.1	5.9	41.6
WD13-002-127	23.3	< 0.1	8	0.133	4.06	2.07	0.13	< 0.02	2.42	16.3	82	217	555	3.52	29.3	99.9	39.8	40.4	4.04	< 0.1	0.7	< 0.1	4.7	28.2
WD13-002-128	22.0	< 0.1	7	0.109	3.99	2.01	0.12	< 0.02	2.24	14.6	74	197	563	3.36	28.1	95.1	41.2	39.0	3.92	< 0.1	0.6	< 0.1	4.1	20.3
WD13-002-129	19.6	< 0.1	10	0.129	3.88	2.06	0.13	0.02	2.43	16.2	80	213	569	3.38	28.6	97.6	36.4	35.1	3.96	< 0.1	0.6	< 0.1	4.7	27.1
WD13-002-130	3.3	< 0.1	8	0.924	3.44	> 10.0	0.07	0.12	7.92	2.8	18	162	352	3.62	31.1	516	195	28.1	10.5	< 0.1	2.9	0.6	1.3	80.2
WD13-002-131	22.8	< 0.1	8	0.115	4.15	2.04	0.12	< 0.02	2.31	14.8	76	205	584	3.28	28.6	99.0	39.0	49.6	4.03	< 0.1	0.5	< 0.1	4.1	19.6
WD13-002-132	21.8	< 0.1	7	0.124	4.26	2.21	0.12	< 0.02	2.27	14.7	76	211	593	3.44	30.3	104	40.8	36.5	4.20	< 0.1	0.5	< 0.1	4.2	25.1
WD13-002-133	22.2	< 0.1	6	0.119	4.14	2.36	0.09	< 0.02	1.99	12.4	66	196	580	3.39	29.6	102	41.2	35.4	4.10	< 0.1	0.5	< 0.1	3.3	24.1
WD13-002-134	26.0	0.1	8	0.146	4.59	2.54	0.09	< 0.02	2.35	14.8	74	213	643	3.66	30.2	103	32.3	36.7	4.30	< 0.1	0.4	< 0.1	3.2	32.1
WD13-002-135	26.6	0.1	6	0.160	3.93	2.23	0.13	0.02	2.36	14.6	75	203	545	3.37	28.7	97.8	41.4	31.1	4.05	< 0.1	0.3	< 0.1	4.4	33.1
WD13-002-136	20.7	0.1	7	0.187	3.88	2.20	0.10	0.08	2.73	16.3	80	206	529	2.98	25.5	89.7	30.0	28.8	4.10	< 0.1	0.4	0.1	3.0	69.8
WD13-002-137	37.3	0.2	9	0.167	4.37	2.07	0.12	0.09	2.70	16.1	80	236	524	3.44	34.0	119	56.6	34.6	5.01	< 0.1	0.2	< 0.1	3.9	26.7
WD13-002-138	17.2	0.1	6	0.172	2.70	1.74	0.19	< 0.02	2.48	14.7	72	169	356	2.44	21.3	77.7	41.1	21.3	3.16	< 0.1	0.2	< 0.1	6.4	39.3
WD13-002-139	10.0	< 0.1	4	0.183	1.84	1.62	0.14	0.03	2.19	11.2	60	125	286	1.71	14.3	55.8	38.0	14.3	2.78	< 0.1	0.3	< 0.1	4.2	51.1
WD13-002-140	15.9	2.2	11	0.146	0.58	3.20	0.11	0.28	4.78	2.3	38	9.5	158	1.30	8.2	16.6	107	35.7	9.42	0.3	0.8	0.2	3.3	327

Activation Laboratories Ltd. Report: A13-07303

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	Tl	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	
Date Analyzed	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 12:31PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	
WD13-002-119	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	13	< 0.02	0.98	0.4	0.2	< 10	51.06	6.38	9.63	0.218	14.15	13.13	1.38	0.40	0.31	0.03	0.045	1.74
WD13-002-120	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	11	< 0.02	5.75	0.3	0.5	< 10	61.10	5.23	8.71	0.230	10.80	9.23	1.89	0.22	0.25	0.03	0.030	1.63
WD13-002-121	0.4	< 0.1	< 0.1	< 0.05	0.3	< 0.001	12	< 0.02	0.65	0.3	0.2	< 10	56.79	6.12	9.09	0.209	12.86	11.05	1.45	0.41	0.27	0.02	0.040	1.61
WD13-002-122	0.3	< 0.1	0.2	< 0.05	0.6	< 0.001	11	< 0.02	1.93	1.8	0.5	< 10	57.17	7.32	7.88	0.176	10.82	11.19	2.18	0.20	0.31	0.08	0.035	2.04
WD13-002-123	0.7	< 0.1	0.1	< 0.05	0.5	< 0.001	12	0.02	17.4	5.7	1.2	< 10	57.68	14.52	7.06	0.122	5.81	6.55	5.44	0.64	0.54	0.20	0.024	1.93
WD13-002-124	0.8	0.1	< 0.1	< 0.05	0.4	< 0.001	12	0.03	14.5	8.5	1.5	< 10	58.37	16.52	6.59	0.097	4.43	5.19	5.78	0.86	0.64	0.23	0.024	1.70
WD13-002-125	0.7	0.1	< 0.1	< 0.05	0.3	< 0.001	12	0.03	13.1	7.5	1.4	< 10	57.46	15.69	6.86	0.108	4.98	6.05	5.44	0.90	0.60	0.21	0.025	1.90
WD13-002-126	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	17	0.05	0.75	0.2	< 0.1	< 10	50.91	6.96	10.30	0.207	14.65	14.08	0.74	0.63	0.32	0.02	0.047	1.64
WD13-002-127	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11	0.03	3.25	0.2	< 0.1	< 10	49.63	6.90	10.04	0.196	14.29	14.05	0.78	0.55	0.31	0.02	0.048	2.59
WD13-002-128	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	10	< 0.02	4.67	0.1	< 0.1	< 10	50.10	6.95	10.03	0.209	14.60	14.05	0.82	0.53	0.31	0.02	0.044	2.46
WD13-002-129	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	10	0.03	2.04	0.1	< 0.1	< 10	50.01	6.81	9.98	0.207	14.31	13.85	0.78	0.53	0.30	0.02	0.046	2.49
WD13-002-130	< 0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	342	0.03	4.93	0.2	< 0.1	20	45.27	22.22	7.12	0.086	8.76	12.61	1.19	0.11	0.09	0.01	0.011	2.56
WD13-002-131	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	17	< 0.02	2.58	0.1	< 0.1	< 10	49.75	6.93	10.13	0.213	14.82	14.16	0.88	0.51	0.31	0.02	0.043	2.49
WD13-002-132	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	13	0.02	1.00	0.1	< 0.1	< 10	49.89	6.93	10.22	0.216	14.94	13.80	0.74	0.49	0.31	0.02	0.044	2.51
WD13-002-133	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11	< 0.02	0.65	0.1	< 0.1	< 10	49.90	6.93	10.13	0.215	14.68	13.90	0.66	0.42	0.31	0.02	0.046	2.47
WD13-002-134	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	11	0.02	0.68	0.1	< 0.1	< 10	50.05	6.89	10.40	0.219	14.91	14.10	0.69	0.33	0.30	0.02	0.046	2.65
WD13-002-135	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11	0.03	0.81	0.1	< 0.1	< 10	49.85	7.14	10.26	0.208	14.57	13.95	0.80	0.55	0.30	0.02	0.047	2.38
WD13-002-136	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11	< 0.02	1.99	0.1	< 0.1	< 10	49.93	6.82	10.04	0.220	14.65	14.02	0.98	0.36	0.30	0.02	0.045	2.25
WD13-002-137	0.2	< 0.1	< 0.1	< 0.05	0.4	< 0.001	10	< 0.02	0.67	0.1	< 0.1	< 10	48.82	7.49	10.11	0.196	14.28	13.79	1.35	0.54	0.31	0.02	0.045	3.09
WD13-002-138	0.2	< 0.1	< 0.1	< 0.05	0.1	< 0.001	11	0.03	1.75	0.1	< 0.1	< 10	50.33	7.13	10.13	0.202	14.29	13.76	0.87	0.76	0.32	0.02	0.046	1.61
WD13-002-139	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	127	0.02	0.95	0.2	< 0.1	< 10	51.19	6.97	10.25	0.216	14.57	14.18	0.88	0.54	0.31	0.02	0.047	1.22
WD13-002-140	0.3	< 0.1	< 0.1	< 0.05	0.7	< 0.001	11	0.02	9.55	10.5	1.7	< 10	52.59	19.07	4.53	0.066	3.08	11.34	5.10	0.54	0.76	0.79	0.016	2.05

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Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 10 2013 11:45AM	Jul 16 2013 9:52AM	Jul 16 2013 9:52AM	Jul 16 2013 9:52AM
WD13-002-071	99.12	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	8	0.4	< 0.1
WD13-002-072	99.33	0.03	0.026	< 0.004	0.008	0.06	575	2160	474
WD13-002-073	99.81	< 0.01	< 0.003	< 0.004	0.004	0.04	2	1.0	0.6
WD13-002-074	100.3	0.05	0.029	0.005	0.007	0.07	17	36.9	23.4
WD13-002-075	99.80	0.07	0.026	0.005	0.012	0.04	9	77.2	43.1
WD13-002-076	99.80	0.07	0.047	0.005	< 0.004	0.04	6	68.0	33.0
WD13-002-077	99.72	0.06	0.022	0.004	< 0.004	0.04	7	72.7	35.5
WD13-002-078	100.0	0.07	0.028	0.006	0.006	0.05	8	78.1	31.2
WD13-002-079	100.7	0.07	0.034	0.004	< 0.004	< 0.01	9	66.3	34.7
WD13-002-080	100.8	0.08	0.028	0.005	0.005	0.05	16	78.1	40.1
WD13-002-081	100.1	0.09	0.081	0.007	0.006	0.05	13	81.3	39.6
WD13-002-082	100.4	0.07	0.031	0.004	0.006	0.04	9	77.4	39.3
WD13-002-083	99.43	0.06	0.022	0.004	0.006	0.03	8	69.4	35.6
WD13-002-084	100.3	0.15	0.254	0.008	0.008	< 0.01	7	66.6	32.1
WD13-002-085	100.4	0.05	0.020	0.005	0.005	0.03	11	66.7	33.8
WD13-002-086	100.7	0.06	0.027	0.005	0.006	< 0.01	13	77.7	37.1
WD13-002-087	99.57	0.07	0.024	0.005	< 0.004	0.05	7	93.4	43.0
WD13-002-088	99.62	0.06	0.021	0.004	0.004	0.03	7	74.7	39.0
WD13-002-089	100.1	0.07	0.022	0.006	0.004	0.07	8	87.9	50.0
WD13-002-090	100.3	< 0.01	< 0.003	< 0.004	0.004	0.04	2	0.7	0.7
WD13-002-091	100.2	0.07	0.024	0.005	< 0.004	0.04	4	75.6	41.8
WD13-002-092	99.83	0.07	0.025	0.006	< 0.004	0.02	5	81.7	47.1
WD13-002-093	100.2	0.07	0.024	0.007	< 0.004	< 0.01	2	63.2	34.8
WD13-002-094	99.33	0.08	0.023	0.005	0.005	0.07	5	90.1	51.6
WD13-002-095	99.95	0.08	0.023	0.005	< 0.004	0.01	3	79.6	46.1
WD13-002-096	100.1	0.06	0.020	< 0.004	< 0.004	< 0.01	1	74.7	41.7
WD13-002-097	100.5	< 0.01	< 0.003	< 0.004	< 0.004	0.05	< 1	0.4	0.2
WD13-002-098	99.45	< 0.01	0.006	< 0.004	0.004	0.04	1	3.7	0.2
WD13-002-099	100.1	0.04	0.021	0.004	< 0.004	0.04	3	51.6	30.4
WD13-002-100	100.7	0.07	0.021	0.005	< 0.004	0.05	8	84.9	46.9
WD13-002-101	100.6	0.07	0.029	0.006	0.004	0.03	7	80.8	43.4
WD13-002-102	99.63	0.08	0.087	0.005	< 0.004	< 0.01	14	74.0	42.2
WD13-002-103	100.0	0.06	0.019	0.005	< 0.004	0.04	4	82.4	47.4
WD13-002-104	99.68	0.06	0.024	0.004	0.004	0.10	5	80.8	48.0
WD13-002-105	100.2	0.07	0.028	0.005	0.004	0.08	6	83.2	46.0
WD13-002-106	99.54	0.06	0.022	0.005	< 0.004	0.07	8	78.8	46.2
WD13-002-107	100.4	0.06	0.030	0.004	< 0.004	0.12	1	83.6	44.9
WD13-002-108	99.01	0.05	0.046	0.007	< 0.004	0.16	3	58.2	34.7
WD13-002-109	100.7	0.08	0.046	0.007	< 0.004	< 0.01	6	90.6	56.5
WD13-002-110	98.74	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01	< 1	0.5	0.1
WD13-002-111	100.0	0.06	0.025	0.004	< 0.004	0.02	26	13.1	9.9
WD13-002-112	100.7	0.07	0.027	0.006	< 0.004	< 0.01	1	19.9	10.6
WD13-002-113	100.3	0.08	0.032	0.005	< 0.004	0.07	3	56.3	32.7
WD13-002-114	100.4	0.06	0.028	0.004	< 0.004	0.02	7	75.8	44.2
WD13-002-115	99.70	0.06	0.020	0.005	< 0.004	0.04	9	89.8	47.0
WD13-002-116	100.1	0.07	0.024	0.004	< 0.004	0.02	8	86.0	48.5
WD13-002-117	99.30	0.07	0.021	0.004	< 0.004	0.03	5	81.1	45.7
WD13-002-118	100.3	0.06	0.020	0.005	< 0.004	0.03	6	84.7	49.0

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay	LDI- Greenfield s PGE Tbay
Date Analyzed	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 12 2013 3:12PM	Jul 10 2013 11:45AM	Jul 16 2013 9:52AM	Jul 16 2013 9:52AM	Jul 16 2013 9:52AM
WD13-002-119	98.57	0.06	0.019	0.005	< 0.004	< 0.01	1	72.1	44.2
WD13-002-120	99.42	0.05	0.022	< 0.004	< 0.004	< 0.01	1	30.1	28.2
WD13-002-121	100.0	0.05	0.018	0.004	< 0.004	< 0.01	1	60.7	32.5
WD13-002-122	99.47	0.05	0.017	< 0.004	< 0.004	< 0.01	< 1	51.0	26.0
WD13-002-123	100.5	0.01	0.010	< 0.004	0.006	0.15	5	16.6	8.4
WD13-002-124	100.5	< 0.01	0.007	< 0.004	< 0.004	0.08	3	0.2	0.2
WD13-002-125	100.3	0.01	0.013	< 0.004	< 0.004	0.05	2	7.4	3.5
WD13-002-126	100.6	0.07	0.024	0.004	< 0.004	0.03	7	88.6	44.7
WD13-002-127	99.49	0.06	0.022	0.005	< 0.004	0.03	7	78.9	42.8
WD13-002-128	100.2	0.06	0.024	0.004	< 0.004	0.03	7	84.8	42.9
WD13-002-129	99.44	0.07	0.036	0.004	< 0.004	0.03	7	90.8	44.7
WD13-002-130	100.2	0.08	0.064	< 0.004	0.018	0.10	1240	6330	1400
WD13-002-131	100.3	0.06	0.020	0.005	< 0.004	0.03	7	71.4	36.4
WD13-002-132	100.2	0.06	0.020	0.004	< 0.004	0.02	8	75.6	34.8
WD13-002-133	99.79	0.07	0.033	0.005	< 0.004	0.03	6	81.9	35.9
WD13-002-134	100.7	0.06	0.024	0.005	< 0.004	0.02	6	79.2	35.7
WD13-002-135	100.2	0.07	0.021	0.004	0.005	0.03	6	80.6	34.9
WD13-002-136	99.73	0.06	0.026	0.005	< 0.004	0.04	4	66.9	30.4
WD13-002-137	100.1	0.06	0.028	0.006	< 0.004	0.02	9	85.6	42.8
WD13-002-138	99.55	0.06	0.020	0.005	< 0.004	< 0.01	6	75.4	42.9
WD13-002-139	100.5	0.06	0.034	0.005	< 0.004	0.04	5	77.6	40.6
WD13-002-140	100.1	0.03	0.079	< 0.004	0.010	0.12	3	5.3	2.3

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Quality Control

Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD																									
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WD13-002-078 Replicate Original	35.6	0.1	7	0.127	4.28	1.97	0.15	0.03	2.69	19.2	95	229	479	3.14	29.8	109	58.9	35.5	4.06	< 0.1	0.8	< 0.1	4.9	26.3	
WD13-002-078 LABDUP	35.2	0.1	7	0.131	4.45	1.99	0.15	0.03	2.70	19.7	99	240	490	3.21	29.6	108	57.6	35.6	4.11	< 0.1	0.7	0.3	4.9	26.7	
WD13-002-079 Replicate Original	39.7	0.2	6	0.118	4.71	2.11	0.08	0.05	4.97	17.9	94	229	555	3.23	29.6	107	19.2	59.0	5.00	< 0.1	0.6	< 0.1	2.1	24.6	
WD13-002-079 LABDUP	38.1	0.2	6	0.118	4.65	2.10	0.08	0.05	4.98	17.7	95	234	567	3.23	29.4	109	18.7	57.4	4.95	< 0.1	0.6	< 0.1	2.1	24.9	
WD13-002-080 Replicate Original																									
WD13-002-080 LABDUP																									
WD13-002-086 Replicate Original	39.1	0.2	8	0.127	5.34	2.80	0.13	0.03	2.77	18.9	95	239	634	3.76	34.0	118	69.5	111	4.67	< 0.1	0.6	< 0.1	4.7	18.9	
WD13-002-086 LABDUP	39.9	0.2	8	0.137	5.54	2.75	0.14	0.03	2.90	19.9	99	248	656	3.88	35.0	124	70.7	111	4.76	< 0.1	0.7	< 0.1	4.9	19.6	
WD13-002-090 Replicate Original																									
WD13-002-090 LABDUP																									
WD13-002-093 Replicate Original	16.8	0.1	4	0.083	2.54	1.54	0.09	0.19	2.40	13.5	77	161	343	1.88	15.5	60.4	40.6	39.5	3.21	< 0.1	0.5	< 0.1	3.0	59.0	

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Quality Control																									
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	%	%	%	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Li	Be	B	Na	Mg	Al	K	Bi	Ca	Sc	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Rb	Sr	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	
WD13-002-093 LABDUP	17.3	0.2	4	0.086	2.64	1.61	0.09	0.21	2.46	14.0	79	164	352	1.91	15.7	61.1	41.2	39.0	3.33	< 0.1	0.6	< 0.1	3.2	62.4	
WD13-002-100 Replicate Original																									
WD13-002-100 Split Original	26.6	0.1	10	0.138	4.18	2.10	0.14	0.02	2.68	16.6	82	216	542	2.94	27.1	102	50.4	60.5	3.89	< 0.1	0.7	< 0.1	4.7	20.5	
WD13-002-100 LABDUP																									
WD13-002-100 LABPREP	25.1	0.1	6	0.123	3.75	1.88	0.14	< 0.02	2.60	15.4	74	195	532	2.81	26.0	94.7	48.8	57.0	3.65	< 0.1	0.4	< 0.1	4.5	19.8	
WD13-002-110 Replicate Original																									
WD13-002-110 LABDUP																									
WD13-002-115 Replicate Original																									
WD13-002-115 LABDUP																									
WD13-002-120 Replicate Original																									
WD13-002-120 Split Original	2.2	0.3	6	0.123	1.50	0.55	0.06	0.07	1.97	10.9	52	117	386	1.49	9.5	39.5	2.30	26.2	2.67	0.1	0.6	< 0.1	0.6	15.0	
WD13-002-120 LABDUP																									
WD13-002-120 LABPREP	2.5	0.4	5	0.132	1.65	0.59	0.06	0.08	2.11	11.1	53	118	396	1.50	9.5	39.0	2.27	25.4	2.58	< 0.1	0.4	< 0.1	0.5	14.5	
WD13-002-125 Replicate Original																									
WD13-002-125 LABDUP																									
WD13-002-130 Replicate Original	3.3	0.1	5	0.945	3.56	> 10.0	0.07	0.12	8.10	2.8	19	165	359	3.69	31.6	523	200	25.6	10.8	< 0.1	2.9	0.6	1.3	81.9	
WD13-002-130 LABDUP	3.3	< 0.1	12	0.904	3.33	> 10.0	0.06	0.11	7.73	2.7	18	158	345	3.54	30.5	510	189	30.7	10.2	< 0.1	2.9	0.6	1.2	78.4	
WD13-002-131 Split Original	22.8	< 0.1	8	0.115	4.15	2.04	0.12	< 0.02	2.31	14.8	76	205	584	3.28	28.6	99.0	39.0	49.6	4.03	< 0.1	0.5	< 0.1	4.1	19.6	
WD13-002-131 LABPREP	22.8	< 0.1	7	0.120	4.22	2.05	0.12	< 0.02	2.38	14.9	73	202	595	3.38	29.4	99.6	40.8	49.8	4.10	< 0.1	0.2	< 0.1	3.9	19.4	
WD13-002-133 Replicate Original	22.4	< 0.1	6	0.114	4.03	2.35	0.09	< 0.02	1.99	12.3	65	192	575	3.38	29.5	103	46.3	34.2	4.13	< 0.1	0.5	< 0.1	3.3	24.0	
WD13-002-133 LABDUP	22.1	< 0.1	6	0.123	4.24	2.36	0.09	< 0.02	1.98	12.6	67	199	585	3.40	29.7	102	36.2	36.6	4.08	< 0.1	0.6	< 0.1	3.3	24.2	
WD13-002-135 Replicate Original																									
WD13-002-135 LABDUP																									
WD13-002-140 LABDUP																									

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm			
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	

MICA-FE LABSTD

AN-G LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

LKSD-4 LABSTD

BE-N LABSTD

AC-E LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

BaSO4 LABSTD

Oreas 74a (Fusion)

LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS311-4 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

GS900-5 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-22 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

CDN-PGMS-23 LABSTD

WD13-002-078

Replicate Original

WD13-002-078 LABDUP

Replicate Original

WD13-002-079

Replicate Original

WD13-002-079 LABDUP

Replicate Original

WD13-002-080

Replicate Original

WD13-002-080 LABDUP

Replicate Original

WD13-002-086

Replicate Original

WD13-002-086 LABDUP

Replicate Original

WD13-002-090

Replicate Original

WD13-002-090 LABDUP

Replicate Original

WD13-002-093

Replicate Original

2.84	2.6	< 0.1	0.24	0.066	0.01	< 0.02	0.07	0.02	< 0.02	0.58	38	0.9	2.13	0.3	1.60	0.5	0.2	0.6	0.1	0.7	0.1	0.4	< 0.1				
2.91	2.6	< 0.1	0.21	0.066	0.02	< 0.02	0.08	0.02	< 0.02	0.57	39	0.9	2.20	0.3	1.68	0.5	0.2	0.7	0.1	0.7	0.1	0.4	< 0.1				
2.62	2.6	< 0.1	0.10	0.048	0.03	< 0.02	0.05	< 0.02	< 0.02	0.44	28	1.0	2.01	0.3	1.57	0.5	0.2	0.6	0.1	0.6	0.1	0.3	< 0.1				
2.67	2.5	< 0.1	0.08	0.049	0.02	< 0.02	0.06	< 0.02	< 0.02	0.44	28	0.9	2.02	0.3	1.59	0.5	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1				
2.54	2.1	< 0.1	0.09	0.068	0.11	< 0.02	0.09	0.03	< 0.02	0.75	31	0.8	1.91	0.3	1.45	0.4	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1				
2.66	2.3	< 0.1	0.09	0.068	0.13	< 0.02	0.08	0.02	< 0.02	0.79	33	0.8	1.95	0.3	1.51	0.4	0.2	0.6	0.1	0.6	0.1	0.4	< 0.1				
4.40	4.1	< 0.1	0.11	0.043	0.04	< 0.02	0.14	0.04	< 0.02	0.21	16	2.3	5.42	0.8	3.50	0.9	0.3	1.2	0.2	1.1	0.2	0.6	< 0.1				

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Analyte Symbol	Y	Zr	Nb	Mo	Ag	Cd	In	Sn	Sb	Te	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	
WD13-002-093 LABDUP	4.54	4.3	< 0.1	0.10	0.127	0.03	< 0.02	0.14	0.04	< 0.02	0.20	16	2.4	5.50	0.8	3.57	0.9	0.3	1.1	0.2	1.1	0.2	0.6	< 0.1
WD13-002-100 Replicate Original																								
WD13-002-100 Split Original	2.52	2.8	< 0.1	0.08	0.056	0.08	< 0.02	0.08	< 0.02	< 0.02	0.68	39	1.2	2.60	0.4	1.74	0.4	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1
WD13-002-100 LABDUP																								
WD13-002-100 LABPREP	2.40	1.9	< 0.1	0.09	0.056	0.07	< 0.02	0.08	< 0.02	< 0.02	0.66	43	1.1	2.42	0.3	1.61	0.4	0.2	0.6	< 0.1	0.6	0.1	0.3	< 0.1
WD13-002-110 Replicate Original																								
WD13-002-110 LABDUP																								
WD13-002-115 Replicate Original																								
WD13-002-115 LABDUP																								
WD13-002-120 Replicate Original																								
WD13-002-120 Split Original	4.11	4.6	0.1	3.57	0.063	< 0.01	< 0.02	0.69	< 0.02	< 0.02	0.04	7	1.8	4.53	0.7	3.13	0.8	0.3	0.9	0.2	0.9	0.2	0.5	< 0.1
WD13-002-120 LABDUP																								
WD13-002-120 LABPREP	4.00	4.5	0.1	4.41	0.063	< 0.01	< 0.02	0.69	< 0.02	< 0.02	0.04	11	1.9	4.72	0.7	3.28	0.8	0.3	1.0	0.2	0.9	0.2	0.5	< 0.1
WD13-002-125 Replicate Original																								
WD13-002-125 LABDUP																								
WD13-002-130 Replicate Original	0.81	0.2	< 0.1	7.68	0.189	0.05	< 0.02	1.48	0.87	0.45	0.14	18	1.4	5.90	0.2	0.82	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1
WD13-002-130 LABDUP	0.80	0.2	< 0.1	7.49	0.213	0.04	< 0.02	1.43	0.87	0.46	0.13	18	1.4	5.70	0.2	0.81	0.1	0.2	0.2	< 0.1	0.2	< 0.1	0.1	< 0.1
WD13-002-131 Split Original	2.37	1.2	< 0.1	0.19	0.069	0.06	< 0.02	0.08	< 0.02	< 0.02	0.86	32	0.9	2.01	0.3	1.45	0.4	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
WD13-002-131 LABPREP	2.32	1.1	< 0.1	0.13	0.051	0.05	< 0.02	0.06	< 0.02	< 0.02	0.86	34	0.9	2.02	0.3	1.40	0.4	0.2	0.5	< 0.1	0.5	0.1	0.3	< 0.1
WD13-002-133 Replicate Original	1.96	0.9	< 0.1	0.11	0.044	< 0.01	< 0.02	0.96	< 0.02	< 0.02	1.37	28	0.8	1.70	0.3	1.21	0.3	0.1	0.4	< 0.1	0.4	< 0.1	0.3	< 0.1
WD13-002-133 LABDUP	2.00	0.7	< 0.1	0.08	0.047	< 0.01	< 0.02	0.05	< 0.02	< 0.02	1.35	29	0.8	1.74	0.3	1.24	0.3	0.2	0.5	< 0.1	0.5	< 0.1	0.3	< 0.1
WD13-002-135 Replicate Original																								
WD13-002-135 LABDUP																								
WD13-002-140 LABDUP																								

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Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	%
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI	
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	

MICA-FE LABSTD														34.25	19.48	25.55	0.345	4.52	0.45	0.32	8.77	2.53	0.41	0.026
AN-G LABSTD														46.25	29.76	3.34	0.041	1.79	15.92	1.63	0.14	0.23	0.02	0.013
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
LKSD-4 LABSTD																								
BE-N LABSTD														38.23	10.12	12.86	0.198	13.11	13.93	3.20	1.40	2.63	1.08	0.042
AC-E LABSTD														70.48	14.72	2.55	0.060	0.06	0.36	6.53	4.50	0.12		
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
BaSO4 LABSTD																								
Oreas 74a (Fusion) LABSTD														32.52	2.25				27.95					
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS311-4 LABSTD																								
GS900-5 LABSTD																								
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CDN-PGMS-22 LABSTD																								
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CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
CDN-PGMS-23 LABSTD																								
WD13-002-078 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	2.51	0.2	< 0.1	< 10												
WD13-002-078 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.04	2.63	0.2	< 0.1	< 10												
WD13-002-079 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	2.04	< 0.1	< 0.1	< 10												
WD13-002-079 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.3	< 0.001	< 5	< 0.02	2.14	< 0.1	< 0.1	< 10												
WD13-002-080 Replicate Original																								
WD13-002-080 LABDUP																								
WD13-002-086 Replicate Original	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	3.66	0.1	< 0.1	< 10												
WD13-002-086 LABDUP	0.3	< 0.1	< 0.1	< 0.05	0.2	< 0.001	< 5	0.03	3.75	0.1	< 0.1	20												
WD13-002-090 Replicate Original													66.84	13.29	6.51	0.108	2.39	4.15	3.18	1.15	0.55	0.14	0.021	1.43
WD13-002-090 LABDUP													67.60	13.39	6.56	0.112	2.41	4.17	3.18	1.14	0.56	0.15	0.024	1.43
WD13-002-093 Replicate Original	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	2.58	0.3	0.1	20												

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Quality Control																								
Method Code	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	AR-MS	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppb	%	%	%	%	%	%	%	%	%	%	%	
Analyte Symbol	Yb	Lu	Hf	Ta	W	Re	Au	TI	Pb	Th	U	Hg	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5	V2O5	LOI
Package Code	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	LDI- Greenfield s PGE	
Date Analyzed	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 12:31:48	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	
WD13-002-093 LABDUP	0.4	< 0.1	0.1	< 0.05	0.2	< 0.001	< 5	< 0.02	2.79	0.3	0.1	30												
WD13-002-100 Replicate Original																								
WD13-002-100 Split Original	0.3	< 0.1	< 0.1	< 0.05	0.1	< 0.001	< 5	0.03	15.1	0.3	< 0.1	10	49.88	7.08	9.58	0.206	14.83	14.91	0.79	0.59	0.30	0.02	0.045	2.37
WD13-002-100 LABDUP																								
WD13-002-100 LABPREP	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	14	0.03	14.7	0.3	< 0.1	< 10	49.58	6.97	9.49	0.207	14.77	14.85	0.78	0.59	0.30	0.02	0.045	2.31
WD13-002-110 Replicate Original													8.72	< 0.01	0.33	0.061	21.29	28.39	< 0.01	< 0.01	0.01	0.01	< 0.003	39.90
WD13-002-110 LABDUP													8.68	< 0.01	0.27	0.060	21.28	28.55	< 0.01	< 0.01	0.01	0.01	< 0.003	39.90
WD13-002-115 Replicate Original																								
WD13-002-115 LABDUP																								
WD13-002-120 Replicate Original																								
WD13-002-120 Split Original	0.4	< 0.1	0.1	< 0.05	0.3	< 0.001	11	< 0.02	5.75	0.3	0.5	< 10	61.10	5.23	8.71	0.230	10.80	9.23	1.89	0.22	0.25	0.03	0.030	1.63
WD13-002-120 LABDUP																								
WD13-002-120 LABPREP	0.4	< 0.1	0.1	< 0.05	0.2	0.002	12	< 0.02	6.16	0.4	0.5	< 10	60.77	5.20	8.63	0.229	10.81	9.23	1.87	0.22	0.24	0.03	0.029	1.59
WD13-002-125 Replicate Original																								
WD13-002-125 LABDUP																								
WD13-002-130 Replicate Original	< 0.1	< 0.1	< 0.1	< 0.05	0.3	0.001	310	0.03	4.96	0.2	< 0.1	20	45.51	22.38	7.16	0.087	8.77	12.68	1.18	0.11	0.09	0.01	0.012	2.56
WD13-002-130 LABDUP	< 0.1	< 0.1	< 0.1	< 0.05	0.3	< 0.001	375	0.03	4.90	0.2	0.1	30	45.03	22.06	7.08	0.085	8.75	12.54	1.20	0.11	0.09	0.01	0.010	2.56
WD13-002-131 Split Original	0.2	< 0.1	< 0.1	< 0.05	0.3	< 0.001	17	< 0.02	2.58	0.1	< 0.1	< 10	49.75	6.93	10.13	0.213	14.82	14.16	0.88	0.51	0.31	0.02	0.043	2.49
WD13-002-131 LABPREP	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	14	< 0.02	2.45	0.1	< 0.1	< 10	49.52	7.03	10.09	0.209	14.71	14.15	0.90	0.52	0.30	0.02	0.044	2.53
WD13-002-133 Replicate Original	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	12	< 0.02	0.56	0.1	< 0.1	< 10												
WD13-002-133 LABDUP	0.2	< 0.1	< 0.1	< 0.05	0.2	< 0.001	11	< 0.02	0.74	0.1	< 0.1	< 10												
WD13-002-135 Replicate Original																								
WD13-002-135 LABDUP																								
WD13-002-140 LABDUP																								

Quality Control									
Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 10 11:45:24	2013-07- 16 09:52:54	2013-07- 16 09:52:54	2013-07- 16 09:52:54

MICA-FE LABSTD		0.02	0.004	< 0.004	< 0.004				
AN-G LABSTD		0.01	0.003	0.004	< 0.004				
LKSD-4 LABSTD						0.98			
LKSD-4 LABSTD						1.01			
LKSD-4 LABSTD						1.02			
LKSD-4 LABSTD						0.94			
LKSD-4 LABSTD						0.97			
LKSD-4 LABSTD						0.92			
BE-N LABSTD		0.04	0.028	0.007	0.008				
AC-E LABSTD		< 0.01	< 0.003	< 0.004	< 0.004				
BaSO4 LABSTD						13.9			
BaSO4 LABSTD						14.3			
BaSO4 LABSTD						14.5			
BaSO4 LABSTD						14.6			
BaSO4 LABSTD						14.6			
BaSO4 LABSTD						14.6			
BaSO4 LABSTD						14.5			
Oreas 74a (Fusion) LABSTD		0.18	3.24	0.058	0.121				
GS311-4 LABSTD						0.55			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.53			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.52			
GS311-4 LABSTD						0.53			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.35			
GS900-5 LABSTD						0.34			
CDN-PGMS-22 LABSTD							1390	6480	1390
CDN-PGMS-22 LABSTD							1270	6440	1370
CDN-PGMS-22 LABSTD							1350	6510	1430
CDN-PGMS-22 LABSTD							1220	5870	1260
CDN-PGMS-23 LABSTD							523	2150	475
CDN-PGMS-23 LABSTD							521	2060	451
CDN-PGMS-23 LABSTD							553	2170	475
CDN-PGMS-23 LABSTD							515	2110	479
WD13-002-078 Replicate Original									
WD13-002-078 LABDUP									
WD13-002-079 Replicate Original									
WD13-002-079 LABDUP									
WD13-002-080 Replicate Original						0.05	15	78.7	39.9
WD13-002-080 LABDUP						0.05	16	77.6	40.3
WD13-002-086 Replicate Original									
WD13-002-086 LABDUP									
WD13-002-090 Replicate Original	99.77	< 0.01	< 0.003	< 0.004	0.004	0.04	2	0.7	0.7
WD13-002-090 LABDUP	100.7	< 0.01	< 0.003	< 0.004	0.004	0.04	3	0.8	0.7
WD13-002-093 Replicate Original									

Quality Control

Method Code	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	FUS-XRF	IR	FA-MS	FA-MS	FA-MS
Unit Symbol	%	%	%	%	%	%	ppb	ppb	ppb
Analyte Symbol	Total	Cr	Ni	Co	Cu	Total S	Au	Pd	Pt
Package Code	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)	LDI- Greenfield s PGE Tbay (MS)
Date Analyzed	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 12 15:12:46	2013-07- 10 11:45:24	2013-07- 16 09:52:54	2013-07- 16 09:52:54	2013-07- 16 09:52:54

WD13-002-093 LABDUP									
WD13-002-100 Replicate Original							8	84.4	46.8
WD13-002-100 Split Original	100.7	0.07	0.021	0.005	< 0.004	0.05	8	84.9	46.9
WD13-002-100 LABDUP						0.05	8	85.3	47.0
WD13-002-100 LABPREP	100.0	0.06	0.024	0.005	< 0.004	0.05	8	82.2	45.3
WD13-002-110 Replicate Original	98.71	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-002-110 LABDUP	98.76	< 0.01	< 0.003	< 0.004	< 0.004	< 0.01			
WD13-002-115 Replicate Original							9	91.8	48.3
WD13-002-115 LABDUP							8	87.7	45.8
WD13-002-120 Replicate Original						< 0.01			
WD13-002-120 Split Original	99.42	0.05	0.022	< 0.004	< 0.004	< 0.01	1	30.1	28.2
WD13-002-120 LABDUP						0.03			
WD13-002-120 LABPREP	98.92	0.05	0.017	< 0.004	< 0.004	0.03	1	27.8	25.8
WD13-002-125 Replicate Original							1	7.7	3.7
WD13-002-125 LABDUP							2	7.1	3.4
WD13-002-130 Replicate Original	100.7	0.08	0.064	< 0.004	0.018	0.10			
WD13-002-130 LABDUP	99.69	0.08	0.064	0.004	0.018				
WD13-002-131 Split Original	100.3	0.06	0.020	0.005	< 0.004	0.03	7	71.4	36.4
WD13-002-131 LABPREP	100.1	0.06	0.022	0.005	< 0.004	0.03	7	75.4	38.3
WD13-002-133 Replicate Original									
WD13-002-133 LABDUP									
WD13-002-135 Replicate Original							6	78.8	34.0
WD13-002-135 LABDUP							6	82.5	35.8
WD13-002-140 LABDUP						0.12			