Appendix A – Soil assay results – ICP

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PO Box 338
Torrensville Plaza SA 5031

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Mr Grant MacDonald
Frontier Resources Ltd
105 Rowella Road

SIDMOUTH

FINAL ANALYSIS REPORT

Your Order No:	AU.0877238-V3	Our Job Number:	1AD1900A
Sample rec'd:	15/04/11	Results reported:	21/04/11
No. of samples:	116	Type of Sample:	PULPS

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 6

This report supersedes any preliminary results previously reported.

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Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A.	-	Not Available	I.S.	-	Insufficient Sample
L.N.R.	-	Listed But Not Received	R.N.L.	-	Received But Not Listed

*** Please Note ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 1AD1900A
O/N: AU.0877238-V3

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ANALYTICAL REPORT

SAMPLE	Ag	As	Bi	Cd	Co	Cu	Li
7027 1AD0622A	< 1	8	10	< 2	7	8	43
7043 1AD0622A	< 1	8	15	< 2	< 2	4	26
7044 1AD0622A	< 1	4	20	< 2	< 2	< 2	32
7045 1AD0622A	< 1	< 3	< 5	< 2	< 2	4	7
7046 1AD0622A	< 1	< 3	< 5	< 2	< 2	< 2	3
7047 1AD0622A	< 1	< 3	15	< 2	< 2	< 2	10
7048 1AD0622A	< 1	< 3	5	< 2	< 2	3	15
7049 1AD0622A	< 1	< 3	< 5	< 2	< 2	6	3
7064 1AD0622A	< 1	8	10	< 2	4	21	21
7065 1AD0622A	< 1	18	25	< 2	< 2	21	110
7066 1AD0622A	< 1	10	30	< 2	< 2	10	33
7067 1AD0622A	< 1	< 3	< 5	< 2	< 2	6	3
7068 1AD0622A	< 1	< 3	5	< 2	< 2	3	8
7069 1AD0622A	< 1	< 3	< 5	< 2	< 2	6	11
7070 1AD0622A	< 1	< 3	< 5	< 2	< 2	2	5
7071 1AD0622A	< 1	< 3	5	< 2	< 2	3	7
7088 1AD0622A	< 1	18	60	< 2	6	41	55
7089 1AD0622A	< 1	12	35	< 2	2	12	55
7090 1AD0622A	< 1	16	55	< 2	4	18	48
7091 1AD0622A	< 1	24	35	< 2	< 2	19	70
7092 1AD0622A	< 1	12	10	< 2	< 2	7	17
7093 1AD0622A	< 1	8	10	< 2	< 2	7	21
7094 1AD0622A	< 1	4	< 5	< 2	< 2	6	8
7095 1AD0622A	< 1	4	10	< 2	< 2	4	3
7096 1AD0622A	< 1	6	15	< 2	< 2	9	11
7097 1AD0622A	< 1	6	15	< 2	< 2	7	7
7098 1AD0622A	< 1	8	15	< 2	< 2	9	11
7099 1AD0622A	< 1	4	< 5	< 2	< 2	8	7
7139 1AD0622A	< 1	24	50	< 2	< 2	15	41
7140 1AD0622A	< 1	16	20	< 2	4	12	100
7141 1AD0622A	< 1	16	35	< 2	2	9	65
7142 1AD0622A	< 1	14	70	< 2	3	16	55
7143 1AD0622A	< 1	14	35	< 2	4	19	46
7144 1AD0622A	< 1	12	25	< 2	4	20	50
7156 1AD0622A	< 1	22	30	< 2	< 2	8	47
7157 1AD0622A	< 1	40	95	< 2	2	10	49
7158 1AD0622A	< 1	4	5	< 2	< 2	7	9
7159 1AD0622A	< 1	< 3	< 5	< 2	< 2	3	3
7160 1AD0622A	< 1	< 3	5	< 2	< 2	3	3
7162 1AD0622A	< 1	4	< 5	< 2	< 2	4	10
7163 1AD0622A	< 1	8	25	< 2	< 2	4	17
7175 1AD0622A	< 1	8	5	< 2	4	9	24
7176 1AD0622A	< 1	10	30	< 2	15	16	29
7177 1AD0622A	< 1	18	45	< 2	14	24	55
7178 1AD0622A	< 1	10	20	< 2	3	9	43
7179 1AD0622A	< 1	14	40	< 2	4	12	42
7180 1AD0622A	< 1	16	35	< 2	< 2	9	55
7181 1AD0622A	< 1	18	35	< 2	< 2	12	50
7182 1AD0622A	< 1	10	25	< 2	< 2	4	41
7183 1AD0622A	< 1	8	55	< 2	< 2	4	29
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	1	3	5	2	2	2	2
SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Job: 1AD1900A
O/N: AU.0877238-V3

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ANALYTICAL REPORT

	SAMPLE	Ag	As	Bi	Cd	Co	Cu	Li
7184	1AD0622A	< 1	6	30	< 2	< 2	< 2	3
7185	1AD0622A	< 1	4	10	< 2	< 2	2	7
7186	1AD0622A	< 1	4	10	< 2	< 2	4	5
7187	1AD0622A	< 1	14	55	< 2	3	75	27
7188	1AD0622A	< 1	4	< 5	< 2	< 2	9	7
7200	1AD0622A	< 1	10	10	< 2	7	13	34
7202	1AD0622A	< 1	12	15	< 2	4	8	28
7203	1AD0622A	< 1	12	20	< 2	3	8	21
7204	1AD0622A	< 1	12	15	< 2	3	14	50
7205	1AD0622A	< 1	12	20	< 2	< 2	15	49
7206	1AD0622A	< 1	18	150	< 2	< 2	9	80
7207	1AD0622A	< 1	6	10	< 2	< 2	4	39
7209	1AD0622A	< 1	8	20	< 2	< 2	4	3
7210	1AD0622A	< 1	6	< 5	< 2	< 2	4	13
7211	1AD0622A	< 1	4	< 5	< 2	< 2	5	9
7212	1AD0622A	< 1	6	10	< 2	< 2	5	5
7466	1AD0622B	< 1	6	< 5	< 2	< 2	18	7
7467	1AD0622B	< 1	12	< 5	< 2	< 2	9	17
7703	1AD0622C	< 1	18	10	< 2	< 2	10	42
7705	1AD0622C	< 1	55	55	< 2	< 2	35	55
7706	1AD0622C	< 1	34	75	< 2	< 2	21	60
7707	1AD0622C	< 1	22	70	< 2	< 2	65	55
7708	1AD0622C	< 1	36	40	< 2	< 2	27	55
7709	1AD0622C	< 1	14	15	< 2	< 2	18	30
7710	1AD0622C	< 1	55	35	< 2	< 2	19	39
7711	1AD0622C	< 1	38	35	< 2	< 2	60	38
7712	1AD0622C	< 1	40	25	< 2	< 2	15	21
7713	1AD0622C	< 1	125	90	< 2	< 2	47	115
7714	1AD0622C	< 1	80	120	< 2	< 2	34	48
7715	1AD0622C	< 1	40	75	< 2	< 2	21	39
7716	1AD0622C	< 1	32	55	< 2	< 2	13	36
7718	1AD0622C	< 1	30	50	< 2	< 2	28	44
7719	1AD0622C	< 1	22	25	< 2	< 2	14	35
7720	1AD0622C	< 1	40	65	< 2	< 2	18	105
7721	1AD0622C	< 1	6	< 5	< 2	< 2	11	19
7722	1AD0622C	< 1	155	60	< 2	< 2	31	55
7723	1AD0622C	< 1	50	100	< 2	< 2	21	48
7724	1AD0622C	< 1	32	60	< 2	< 2	10	18
7725	1AD0622C	< 1	28	95	< 2	< 2	25	32
7726	1AD0622C	< 1	75	80	< 2	< 2	22	85
7727	1AD0622C	< 1	75	60	< 2	< 2	23	50
7728	1AD0622C	< 1	60	20	< 2	< 2	25	24
7729	1AD0622C	< 1	8	< 5	< 2	< 2	7	16
7730	1AD0622C	< 1	32	10	< 2	< 2	24	21
7731	1AD0622C	< 1	34	20	< 2	< 2	19	19
7732	1AD0622C	< 1	65	30	< 2	< 2	22	29
7733	1AD0622C	< 1	36	30	< 2	< 2	13	43
7734	1AD0622C	< 1	26	25	< 2	< 2	24	34
7735	1AD0622C	< 1	20	10	< 2	< 2	31	27
7736	1AD0622C	< 1	75	80	< 2	< 2	55	65
	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DET.LIM	1	3	5	2	2	2	2
	SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Job: 1AD1900A
O/N: AU.0877238-V3

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ANALYTICAL REPORT

	SAMPLE	Ag	As	Bi	Cd	Co	Cu	Li
7737	1AD0622C	< 1	46	40	< 2	< 2	27	44
7738	1AD0622C	< 1	30	65	< 2	< 2	35	42
7739	1AD0622C	< 1	105	20	< 2	< 2	13	32
7740	1AD0622C	< 1	30	25	< 2	< 2	16	44
7741	1AD0622C	< 1	8	< 5	< 2	< 2	5	31
7742	1AD0622C	< 1	75	45	< 2	2	20	60
7743	1AD0622C	< 1	38	15	< 2	< 2	15	37
7744	1AD0622C	< 1	55	10	< 2	< 2	28	30
7745	1AD0622C	< 1	22	10	< 2	< 2	13	17
7746	1AD0622C	< 1	28	30	< 2	11	28	35
7747	1AD0622C	< 1	24	5	< 2	< 2	15	24
7748	1AD0622C	< 1	26	10	< 2	< 2	11	25
7749	1AD0622C	< 1	22	5	< 2	< 2	7	36
7750	1AD0622C	< 1	60	< 5	< 2	< 2	9	40
7752	1AD0622C	< 1	44	30	< 2	< 2	22	40
7753	1AD0622C	< 1	32	20	< 2	< 2	22	31

UNITS		ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM		1	3	5	2	2	2	2
SCHEME		IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E

Job: 1AD1900A
O/N: AU.0877238-V3

Final

ANALYTICAL REPORT

	SAMPLE	Ni	Pb	S	Sb	Zn
7027	1AD0622A	20	20	150	< 5	60
7043	1AD0622A	5	15	150	< 5	7
7044	1AD0622A	4	10	100	< 5	5
7045	1AD0622A	< 2	25	250	< 5	185
7046	1AD0622A	< 2	10	50	< 5	9
7047	1AD0622A	< 2	30	100	< 5	5
7048	1AD0622A	2	5	100	< 5	6
7049	1AD0622A	< 2	< 5	200	< 5	12
7064	1AD0622A	7	30	150	< 5	21
7065	1AD0622A	9	15	100	< 5	31
7066	1AD0622A	7	25	100	< 5	28
7067	1AD0622A	3	< 5	150	< 5	7
7068	1AD0622A	2	5	200	< 5	5
7069	1AD0622A	3	< 5	150	< 5	4
7070	1AD0622A	< 2	< 5	100	< 5	4
7071	1AD0622A	< 2	5	150	< 5	6
7088	1AD0622A	37	25	250	< 5	55
7089	1AD0622A	14	15	200	< 5	37
7090	1AD0622A	20	15	250	< 5	38
7091	1AD0622A	17	20	250	< 5	39
7092	1AD0622A	5	15	100	< 5	26
7093	1AD0622A	9	15	100	< 5	27
7094	1AD0622A	4	10	100	< 5	8
7095	1AD0622A	8	5	100	< 5	3
7096	1AD0622A	7	20	500	< 5	13
7097	1AD0622A	14	15	100	< 5	7
7098	1AD0622A	5	25	550	< 5	20
7099	1AD0622A	16	< 5	100	< 5	11
7139	1AD0622A	14	30	300	< 5	43
7140	1AD0622A	18	20	300	< 5	40
7141	1AD0622A	12	15	250	< 5	29
7142	1AD0622A	16	20	250	< 5	37
7143	1AD0622A	23	25	450	< 5	43
7144	1AD0622A	22	15	300	< 5	43
7156	1AD0622A	6	65	50	< 5	29
7157	1AD0622A	13	35	150	< 5	65
7158	1AD0622A	3	10	100	< 5	11
7159	1AD0622A	< 2	< 5	50	< 5	4
7160	1AD0622A	3	10	150	< 5	4
7162	1AD0622A	4	< 5	100	< 5	3
7163	1AD0622A	5	15	150	< 5	6
7175	1AD0622A	16	20	800	< 5	39
7176	1AD0622A	24	35	650	< 5	60
7177	1AD0622A	28	20	350	< 5	60
7178	1AD0622A	15	15	450	< 5	36
7179	1AD0622A	16	20	350	< 5	39
7180	1AD0622A	8	10	250	< 5	26
7181	1AD0622A	11	20	200	< 5	30
7182	1AD0622A	4	15	100	< 5	24
7183	1AD0622A	3	15	50	< 5	7
	UNITS	ppm	ppm	ppm	ppm	ppm
	DET.LIM	2	5	50	5	2
	SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E

Job: 1AD1900A
O/N: AU.0877238-V3

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ANALYTICAL REPORT

	SAMPLE	Ni	Pb	S	Sb	Zn
7184	1AD0622A	< 2	10	100	< 5	4
7185	1AD0622A	< 2	10	100	< 5	7
7186	1AD0622A	6	10	150	< 5	11
7187	1AD0622A	35	35	150	< 5	30
7188	1AD0622A	6	5	50	< 5	8
7200	1AD0622A	21	30	300	< 5	47
7202	1AD0622A	16	25	300	< 5	43
7203	1AD0622A	16	20	300	< 5	33
7204	1AD0622A	13	15	350	< 5	29
7205	1AD0622A	12	15	200	< 5	25
7206	1AD0622A	11	40	200	< 5	27
7207	1AD0622A	3	10	50	< 5	15
7209	1AD0622A	8	15	150	< 5	10
7210	1AD0622A	6	5	100	< 5	6
7211	1AD0622A	4	10	200	< 5	7
7212	1AD0622A	3	10	50	< 5	22
7466	1AD0622B	3	5	200	< 5	12
7467	1AD0622B	4	10	50	< 5	8
7703	1AD0622C	2	15	150	< 5	23
7705	1AD0622C	11	30	150	< 5	27
7706	1AD0622C	9	15	150	< 5	23
7707	1AD0622C	13	15	200	< 5	16
7708	1AD0622C	4	15	400	< 5	9
7709	1AD0622C	5	20	250	< 5	10
7710	1AD0622C	5	25	250	< 5	12
7711	1AD0622C	4	35	50	< 5	15
7712	1AD0622C	5	30	100	< 5	10
7713	1AD0622C	7	20	150	< 5	17
7714	1AD0622C	6	25	200	< 5	14
7715	1AD0622C	3	25	100	< 5	16
7716	1AD0622C	3	30	100	< 5	13
7718	1AD0622C	9	35	100	< 5	18
7719	1AD0622C	5	10	100	< 5	13
7720	1AD0622C	13	35	200	< 5	10
7721	1AD0622C	5	20	100	< 5	6
7722	1AD0622C	10	30	300	< 5	22
7723	1AD0622C	6	50	250	< 5	13
7724	1AD0622C	< 2	20	< 50	< 5	7
7725	1AD0622C	7	55	200	< 5	13
7726	1AD0622C	11	30	150	< 5	11
7727	1AD0622C	10	25	200	< 5	18
7728	1AD0622C	13	15	350	< 5	31
7729	1AD0622C	4	5	150	< 5	9
7730	1AD0622C	9	20	200	< 5	18
7731	1AD0622C	11	20	150	< 5	25
7732	1AD0622C	8	30	150	< 5	25
7733	1AD0622C	7	25	100	< 5	12
7734	1AD0622C	7	65	150	< 5	14
7735	1AD0622C	9	80	100	< 5	15
7736	1AD0622C	30	45	250	< 5	20
	UNITS	ppm	ppm	ppm	ppm	ppm
	DET.LIM	2	5	50	5	2
	SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E

Job: 1AD1900A
O/N: AU.0877238-V3

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ANALYTICAL REPORT

	SAMPLE	Ni	Pb	S	Sb	Zn
7737	1AD0622C	13	40	150	< 5	19
7738	1AD0622C	15	80	200	< 5	20
7739	1AD0622C	5	30	150	< 5	13
7740	1AD0622C	10	25	100	< 5	11
7741	1AD0622C	4	< 5	< 50	< 5	5
7742	1AD0622C	19	35	400	< 5	23
7743	1AD0622C	9	20	150	< 5	18
7744	1AD0622C	14	40	300	< 5	15
7745	1AD0622C	9	25	100	< 5	15
7746	1AD0622C	15	30	250	< 5	185
7747	1AD0622C	8	25	200	< 5	14
7748	1AD0622C	8	15	150	< 5	12
7749	1AD0622C	11	10	50	< 5	11
7750	1AD0622C	3	5	50	< 5	6
7752	1AD0622C	9	35	200	< 5	15
7753	1AD0622C	10	40	250	< 5	18
	UNITS	ppm	ppm	ppm	ppm	ppm
	DET.LIM	2	5	50	5	2
	SCHEME	IC3E	IC3E	IC3E	IC3E	IC3E

Amdel Limited
PO Box 338
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Mr Grant MacDonald
Frontier Resources Ltd
105 Rowella Road

SIDMOUTH

FINAL ANALYSIS REPORT

Your Order No:	AU.0877238-V3	Our Job Number:	1AD1900
Sample rec'd:	31/03/11	Results reported:	12/04/11
No. of samples:	116	Type of Sample:	PULPS

Results apply to sample(s) submitted by the client.

Report comprises a letter and report pages: 1 to 15

This report supersedes any preliminary results previously reported.

This document should not be reproduced except in full.

Approved:

Darryl Hartley
Business Unit Manager
Adelaide Geoanalytical

Robert Silvani
Senior Chemist

Neville Walkom
Senior Chemist

Report Codes:

N.A.	-	Not Available	I.S.	-	Insufficient Sample
L.N.R.	-	Listed But Not Received	R.N.L.	-	Received But Not Listed

*** Please Note ***

1) The results for elements 'Al, Ba, Cr, Ti, W, Zr, Sn' by code IC3E digest are acid soluble only, and results may be semi-quantative.
'K' values > 1% by code IC3E may bias low due to the insolubility of potassium perchlorate.

2) For scheme IC4, Total 'Fe' is analysed but is calculated and reported as 'Fe2O3'

Job: 1AD1900
O/N: AU.0877238-V3

Final

ANALYTICAL REPORT

	SAMPLE	Al	Ba	Ca	Cr	Fe	K	Mg
7027	1AD0622A	6.52	900	0.69	105	3.75	3.05	1.035
7043	1AD0622A	4.645	380	0.03	70	0.78	1.44	0.125
7044	1AD0622A	4.045	210	0.01	75	0.87	1.47	0.115
7045	1AD0622A	0.870	45	0.09	50	0.50	0.17	0.040
7046	1AD0622A	0.965	< 20	0.01	40	0.25	0.06	0.015
7047	1AD0622A	2.000	60	< 0.01	85	0.41	0.48	0.050
7048	1AD0622A	1.515	40	< 0.01	80	0.56	0.52	0.050
7049	1AD0622A	0.295	< 20	0.03	120	0.56	0.07	0.045
7064	1AD0622A	3.215	180	0.02	60	1.35	0.86	0.085
7065	1AD0622A	8.66	275	< 0.01	125	5.34	1.92	0.425
7066	1AD0622A	5.86	250	0.04	85	1.54	1.31	0.130
7067	1AD0622A	0.490	< 20	0.01	40	0.80	0.08	0.020
7068	1AD0622A	1.350	45	0.02	75	0.70	0.34	0.050
7069	1AD0622A	1.415	35	< 0.01	80	1.09	0.42	0.045
7070	1AD0622A	0.925	20	0.02	80	0.45	0.17	0.040
7071	1AD0622A	0.930	25	< 0.01	75	0.46	0.20	0.035
7088	1AD0622A	8.06	275	0.31	125	7.56	1.14	0.680
7089	1AD0622A	6.40	600	0.07	95	4.25	2.05	0.360
7090	1AD0622A	6.43	370	0.12	95	6.81	1.37	0.345
7091	1AD0622A	6.67	350	0.12	105	5.14	1.37	0.370
7092	1AD0622A	2.245	170	0.08	55	2.03	0.54	0.090
7093	1AD0622A	2.655	160	0.07	75	2.21	0.86	0.100
7094	1AD0622A	1.650	90	< 0.01	50	1.72	0.56	0.035
7095	1AD0622A	0.520	< 20	0.01	50	1.58	0.08	0.020
7096	1AD0622A	1.935	65	0.03	70	2.76	0.50	0.070
7097	1AD0622A	1.200	30	< 0.01	80	2.91	0.16	0.025
7098	1AD0622A	1.985	70	0.15	85	1.71	0.55	0.125
7099	1AD0622A	0.885	45	0.01	95	3.43	0.18	0.040
7139	1AD0622A	5.79	265	0.04	80	3.46	1.19	0.275
7140	1AD0622A	6.88	480	0.05	100	4.17	2.04	0.505
7141	1AD0622A	5.83	455	0.05	85	3.67	1.84	0.305
7142	1AD0622A	6.55	465	0.06	95	4.37	1.94	0.415
7143	1AD0622A	7.47	285	0.07	95	4.42	1.14	0.290
7144	1AD0622A	6.23	410	0.12	95	4.37	1.60	0.410
7156	1AD0622A	4.530	285	0.04	70	2.01	1.40	0.210
7157	1AD0622A	5.39	325	0.07	85	3.88	1.41	0.475
7158	1AD0622A	1.705	60	0.03	45	0.90	0.57	0.040
7159	1AD0622A	0.605	< 20	0.05	50	0.96	0.04	0.020
7160	1AD0622A	0.560	25	0.05	50	1.17	0.07	0.030
7162	1AD0622A	1.105	45	0.03	90	0.97	0.39	0.055
7163	1AD0622A	2.745	90	0.04	140	1.29	0.85	0.095
7175	1AD0622A	4.390	350	0.31	85	3.12	1.23	0.360
7176	1AD0622A	7.45	435	0.18	100	4.44	1.40	0.350
7177	1AD0622A	6.98	455	0.10	115	4.93	1.75	0.450
7178	1AD0622A	5.08	445	0.06	85	3.77	1.40	0.345
7179	1AD0622A	6.20	550	0.12	100	4.05	1.73	0.435
7180	1AD0622A	5.39	330	0.07	80	3.18	1.50	0.270
7181	1AD0622A	5.97	310	0.04	80	3.52	1.21	0.290
7182	1AD0622A	3.710	265	0.08	60	0.83	1.08	0.165
7183	1AD0622A	3.735	150	0.06	60	0.55	0.75	0.085
	UNITS	%	ppm	%	ppm	%	%	%
	DET.LIM	0.005	20	0.01	20	0.01	0.01	0.005
	SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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	SAMPLE	Al	Ba	Ca	Cr	Fe	K	Mg
7184	1AD0622A	0.480	30	0.05	70	0.30	0.06	0.015
7185	1AD0622A	0.965	25	0.02	80	0.37	0.16	0.025
7186	1AD0622A	0.845	30	0.02	85	0.44	0.24	0.035
7187	1AD0622A	5.09	80	0.15	260	6.24	0.62	0.450
7188	1AD0622A	0.635	20	0.02	85	0.60	0.17	0.035
7200	1AD0622A	7.12	425	0.18	110	4.50	1.82	0.365
7202	1AD0622A	6.52	750	0.20	95	4.94	2.18	0.475
7203	1AD0622A	4.445	800	0.18	75	3.51	2.47	0.350
7204	1AD0622A	5.74	700	0.10	100	4.27	2.29	0.410
7205	1AD0622A	5.03	600	0.06	75	3.66	2.27	0.335
7206	1AD0622A	7.02	500	0.08	90	2.15	2.21	0.490
7207	1AD0622A	3.490	260	0.03	60	0.78	1.33	0.130
7209	1AD0622A	0.440	30	0.03	85	0.39	0.03	0.010
7210	1AD0622A	1.875	85	0.05	85	1.23	0.70	0.075
7211	1AD0622A	1.740	100	0.09	85	1.58	0.67	0.085
7212	1AD0622A	0.960	30	0.04	75	1.03	0.14	0.030
7466	1AD0622B	0.670	30	0.02	55	0.92	0.19	0.030
7467	1AD0622B	3.400	45	0.03	70	1.66	1.68	0.055
7703	1AD0622C	3.595	75	0.07	110	0.88	0.92	0.120
7705	1AD0622C	7.86	35	0.03	70	2.06	1.97	0.075
7706	1AD0622C	9.19	35	0.02	50	2.36	3.07	0.075
7707	1AD0622C	8.78	25	0.09	45	2.79	2.50	0.075
7708	1AD0622C	11.4	25	0.06	45	2.45	2.38	0.115
7709	1AD0622C	9.43	25	0.05	45	2.72	2.95	0.065
7710	1AD0622C	8.61	55	0.05	45	2.64	2.84	0.055
7711	1AD0622C	8.16	70	0.03	40	1.71	4.04	0.095
7712	1AD0622C	8.83	30	0.05	45	1.66	3.81	0.035
7713	1AD0622C	10.2	40	0.02	50	3.45	2.62	0.055
7714	1AD0622C	9.27	25	0.04	40	2.39	2.89	0.045
7715	1AD0622C	7.36	25	0.03	40	2.44	3.34	0.040
7716	1AD0622C	6.85	40	0.06	45	1.96	2.99	0.055
7718	1AD0622C	7.67	25	0.02	70	2.22	2.63	0.050
7719	1AD0622C	3.595	50	0.03	105	1.68	0.79	0.060
7720	1AD0622C	9.81	80	0.01	200	2.79	1.30	0.155
7721	1AD0622C	4.165	85	0.10	40	0.99	3.21	0.020
7722	1AD0622C	9.64	40	0.05	65	3.58	1.90	0.085
7723	1AD0622C	8.90	20	0.06	55	2.68	2.77	0.055
7724	1AD0622C	6.15	20	0.04	35	1.10	3.34	0.035
7725	1AD0622C	10.3	< 20	0.02	55	2.33	2.59	0.045
7726	1AD0622C	8.97	55	0.02	145	2.89	1.94	0.190
7727	1AD0622C	6.55	55	0.09	120	2.95	1.60	0.150
7728	1AD0622C	5.10	40	0.15	135	4.07	0.76	0.120
7729	1AD0622C	2.290	45	0.04	95	1.15	0.96	0.075
7730	1AD0622C	3.735	40	0.08	140	4.17	0.80	0.065
7731	1AD0622C	5.44	25	0.04	160	2.86	0.45	0.070
7732	1AD0622C	5.23	30	0.05	155	4.55	0.89	0.085
7733	1AD0622C	5.60	45	0.06	120	2.31	1.11	0.105
7734	1AD0622C	10.3	< 20	0.04	45	2.16	2.33	0.035
7735	1AD0622C	9.01	30	0.01	45	1.31	3.04	0.035
7736	1AD0622C	13.6	25	0.02	75	3.29	1.37	0.060
	UNITS	%	ppm	%	ppm	%	%	%
	DET.LIM	0.005	20	0.01	20	0.01	0.01	0.005
	SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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	SAMPLE	Al	Ba	Ca	Cr	Fe	K	Mg
7737	1AD0622C	8.75	85	0.06	70	2.90	2.66	0.070
7738	1AD0622C	10.1	85	0.05	65	2.60	2.34	0.070
7739	1AD0622C	6.00	95	0.10	55	2.33	2.88	0.055
7740	1AD0622C	5.72	60	0.04	60	2.48	2.21	0.060
7741	1AD0622C	3.200	50	0.05	130	0.99	1.03	0.120
7742	1AD0622C	11.6	35	0.04	215	6.48	0.36	0.140
7743	1AD0622C	5.51	25	0.04	150	3.09	0.49	0.085
7744	1AD0622C	7.12	35	0.06	225	4.62	0.35	0.090
7745	1AD0622C	4.085	< 20	0.06	145	2.59	0.24	0.095
7746	1AD0622C	5.43	55	0.06	210	10.9	0.47	0.170
7747	1AD0622C	4.040	20	0.09	195	3.10	0.34	0.110
7748	1AD0622C	4.480	30	0.06	170	3.55	0.41	0.090
7749	1AD0622C	4.915	95	0.04	175	2.73	1.27	0.205
7750	1AD0622C	3.400	50	0.05	150	1.67	1.01	0.130
7752	1AD0622C	6.76	70	0.06	55	2.55	2.70	0.060
7753	1AD0622C	6.60	55	0.20	65	2.65	2.46	0.070

UNITS	%	ppm	%	ppm	%	%	%
DET.LIM	0.005	20	0.01	20	0.01	0.01	0.005
SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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SAMPLE	Mn	Na	P	Sc	Si	Ti	V
7027 1AD0622A	0.080	0.66	0.040	10	30.0	0.415	100
7043 1AD0622A	0.015	0.05	0.025	10	35.0	0.400	60
7044 1AD0622A	0.015	0.05	0.020	10	37.3	0.390	50
7045 1AD0622A	0.010	0.01	0.020	< 5	37.4	0.155	< 20
7046 1AD0622A	0.005	0.01	0.010	< 5	42.5	0.255	< 20
7047 1AD0622A	0.005	0.02	0.010	< 5	38.2	0.465	30
7048 1AD0622A	0.010	0.02	0.010	< 5	41.3	0.290	25
7049 1AD0622A	0.010	0.01	0.010	< 5	38.7	0.270	< 20
7064 1AD0622A	0.020	0.04	0.025	5	37.5	0.400	45
7065 1AD0622A	0.040	0.03	0.040	15	30.0	0.415	115
7066 1AD0622A	0.015	0.04	0.025	10	34.9	0.415	75
7067 1AD0622A	0.010	0.01	0.015	< 5	39.8	0.180	< 20
7068 1AD0622A	0.010	0.02	0.010	< 5	37.2	0.370	20
7069 1AD0622A	0.015	0.02	0.010	< 5	39.2	0.300	20
7070 1AD0622A	0.010	0.01	0.010	< 5	41.9	0.470	25
7071 1AD0622A	0.010	0.02	0.010	< 5	41.2	0.415	25
7088 1AD0622A	0.070	0.04	0.040	10	25.0	0.455	115
7089 1AD0622A	0.095	0.06	0.035	10	28.7	0.415	100
7090 1AD0622A	0.055	0.06	0.045	10	26.3	0.380	105
7091 1AD0622A	0.045	0.04	0.050	10	27.6	0.410	100
7092 1AD0622A	0.040	0.03	0.025	< 5	38.0	0.395	45
7093 1AD0622A	0.035	0.04	0.020	5	36.8	0.360	45
7094 1AD0622A	0.025	0.02	0.010	< 5	39.8	0.245	20
7095 1AD0622A	0.015	< 0.01	0.005	< 5	41.7	0.200	< 20
7096 1AD0622A	0.035	0.03	0.025	< 5	28.3	0.350	30
7097 1AD0622A	0.025	0.01	0.010	< 5	41.3	0.210	30
7098 1AD0622A	0.020	0.04	0.020	< 5	21.7	0.490	40
7099 1AD0622A	0.035	0.02	0.010	< 5	37.5	0.340	20
7139 1AD0622A	0.030	0.04	0.045	10	29.6	0.445	105
7140 1AD0622A	0.060	0.06	0.040	10	29.3	0.425	100
7141 1AD0622A	0.050	0.06	0.040	10	30.4	0.380	90
7142 1AD0622A	0.065	0.06	0.045	10	28.3	0.440	100
7143 1AD0622A	0.045	0.05	0.040	10	25.8	0.385	90
7144 1AD0622A	0.055	0.06	0.035	10	26.8	0.435	100
7156 1AD0622A	0.030	0.04	0.025	10	37.7	0.330	75
7157 1AD0622A	0.055	0.03	0.040	10	32.5	0.440	115
7158 1AD0622A	0.015	0.03	0.015	< 5	38.9	0.210	25
7159 1AD0622A	0.015	< 0.01	0.005	< 5	42.0	0.130	< 20
7160 1AD0622A	0.015	< 0.01	0.015	< 5	39.3	0.125	< 20
7162 1AD0622A	0.015	0.02	0.010	< 5	40.6	0.330	20
7163 1AD0622A	0.020	0.04	0.015	5	36.0	0.565	50
7175 1AD0622A	0.065	0.05	0.045	5	22.9	0.335	85
7176 1AD0622A	0.195	0.06	0.065	10	22.4	0.405	100
7177 1AD0622A	0.285	0.06	0.075	10	27.3	0.515	110
7178 1AD0622A	0.045	0.06	0.045	5	26.5	0.435	95
7179 1AD0622A	0.070	0.10	0.055	10	25.9	0.435	105
7180 1AD0622A	0.035	0.05	0.045	10	30.1	0.385	90
7181 1AD0622A	0.040	0.05	0.035	10	29.0	0.405	90
7182 1AD0622A	0.025	0.04	0.035	5	36.6	0.355	45
7183 1AD0622A	0.015	0.03	0.020	< 5	37.1	0.265	35
UNITS	%	%	%	ppm	%	%	ppm
DET.LIM	0.005	0.01	0.005	5	0.005	0.005	20
SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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7184	1AD0622A	0.005	<0.01	0.030	<5	41.1	0.215	<20
7185	1AD0622A	0.010	0.01	0.010	<5	41.1	0.365	<20
7186	1AD0622A	0.010	0.02	0.010	<5	38.5	0.315	<20
7187	1AD0622A	0.045	0.02	0.045	10	32.3	0.415	215
7188	1AD0622A	0.015	0.01	0.010	<5	41.6	0.200	<20
7200	1AD0622A	0.115	0.08	0.055	10	26.9	0.470	110
7202	1AD0622A	0.050	0.26	0.040	10	25.7	0.470	110
7203	1AD0622A	0.045	0.25	0.030	5	26.4	0.465	85
7204	1AD0622A	0.075	0.11	0.045	10	27.8	0.405	105
7205	1AD0622A	0.055	0.09	0.035	10	32.8	0.410	100
7206	1AD0622A	0.040	0.06	0.050	10	30.7	0.395	90
7207	1AD0622A	0.020	0.04	0.020	5	38.5	0.280	45
7209	1AD0622A	0.010	<0.01	0.035	<5	41.3	0.150	<20
7210	1AD0622A	0.015	0.03	0.015	<5	37.0	0.390	30
7211	1AD0622A	0.020	0.03	0.015	<5	31.8	0.290	25
7212	1AD0622A	0.020	0.01	0.010	<5	41.9	0.335	25
7466	1AD0622B	0.015	0.02	0.010	<5	39.9	0.225	<20
7467	1AD0622B	0.015	0.34	0.010	<5	38.0	0.330	35
7703	1AD0622C	0.010	0.06	0.025	10	35.4	0.505	65
7705	1AD0622C	0.015	0.21	0.010	5	32.8	0.170	25
7706	1AD0622C	0.015	0.52	0.015	<5	29.9	0.080	<20
7707	1AD0622C	0.020	0.30	0.015	<5	30.0	0.060	<20
7708	1AD0622C	0.010	0.10	0.015	<5	25.0	0.065	<20
7709	1AD0622C	0.015	0.90	0.010	<5	26.4	0.095	<20
7710	1AD0622C	0.015	0.75	0.015	<5	27.3	0.090	<20
7711	1AD0622C	0.015	0.42	0.010	<5	32.6	0.075	<20
7712	1AD0622C	0.010	1.16	0.010	<5	32.0	0.060	<20
7713	1AD0622C	0.030	0.13	0.015	<5	28.5	0.055	<20
7714	1AD0622C	0.015	1.00	0.010	<5	30.5	0.065	<20
7715	1AD0622C	0.010	1.03	0.010	<5	33.3	0.065	<20
7716	1AD0622C	0.020	0.94	0.015	<5	32.2	0.105	<20
7718	1AD0622C	0.015	0.31	0.010	<5	32.2	0.165	25
7719	1AD0622C	0.015	0.10	0.015	<5	37.3	0.295	45
7720	1AD0622C	0.010	0.07	0.020	10	28.8	0.525	100
7721	1AD0622C	0.015	1.09	0.015	<5	35.6	0.085	<20
7722	1AD0622C	0.015	0.35	0.015	5	30.3	0.285	45
7723	1AD0622C	0.010	0.99	0.010	<5	30.6	0.140	25
7724	1AD0622C	0.015	1.13	0.010	<5	35.5	0.050	<20
7725	1AD0622C	0.010	0.28	0.015	5	29.4	0.085	<20
7726	1AD0622C	0.010	0.33	0.020	10	31.4	0.325	60
7727	1AD0622C	0.020	0.31	0.015	5	32.9	0.310	60
7728	1AD0622C	0.045	0.13	0.035	5	28.1	0.240	50
7729	1AD0622C	0.015	0.10	0.015	<5	39.1	0.345	35
7730	1AD0622C	0.030	0.15	0.015	<5	32.2	0.265	50
7731	1AD0622C	0.010	0.06	0.010	5	35.2	0.265	50
7732	1AD0622C	0.025	0.17	0.015	<5	33.0	0.215	45
7733	1AD0622C	0.015	0.11	0.015	5	35.3	0.310	50
7734	1AD0622C	0.015	0.12	0.010	<5	30.6	0.050	<20
7735	1AD0622C	0.010	0.21	0.010	5	33.1	0.045	<20
7736	1AD0622C	0.010	0.08	0.015	5	25.3	0.135	30
	UNITS	%	%	%	ppm	%	%	ppm
	DET.LIM	0.005	0.01	0.005	5	0.005	0.005	20
	SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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7737 1AD0622C	0.010	0.44	0.015	<5	31.0	0.275	40
7738 1AD0622C	0.010	0.18	0.015	<5	30.1	0.190	30
7739 1AD0622C	0.020	0.59	0.020	<5	32.5	0.220	30
7740 1AD0622C	0.030	0.21	0.015	<5	34.5	0.170	<20
7741 1AD0622C	0.015	0.03	0.010	5	39.3	0.385	50
7742 1AD0622C	0.010	0.03	0.025	10	24.4	0.350	110
7743 1AD0622C	0.010	0.04	0.015	10	35.0	0.290	50
7744 1AD0622C	0.010	0.03	0.020	10	33.1	0.360	70
7745 1AD0622C	0.015	0.02	0.010	<5	36.4	0.240	40
7746 1AD0622C	0.410	0.03	0.030	15	26.1	0.475	85
7747 1AD0622C	0.020	0.03	0.015	10	36.6	0.310	55
7748 1AD0622C	0.015	0.04	0.015	5	35.9	0.375	65
7749 1AD0622C	0.020	0.06	0.010	10	35.2	0.510	80
7750 1AD0622C	0.010	0.03	0.015	5	39.3	0.415	75
7752 1AD0622C	0.020	0.38	0.025	<5	31.3	0.180	25
7753 1AD0622C	0.075	0.59	0.030	<5	29.7	0.150	25
UNITS	%	%	%	ppm	%	%	ppm
DET.LIM	0.005	0.01	0.005	5	0.005	0.005	20
SCHEME	IC4	IC4	IC4	IC4	IC4	IC4	IC4

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	SAMPLE	Be	Ce	Cs	Ga	Hf	In	Mo
7027	1AD0622A	11.0	75	20	17	9	<0.5	8
7043	1AD0622A	60	80	6	14	11	<0.5	9
7044	1AD0622A	11.5	85	4	11	10	<0.5	3
7045	1AD0622A	1.5	100	<3	3	6	<0.5	5
7046	1AD0622A	0.5	46	<3	<1	27	<0.5	<2
7047	1AD0622A	5.0	65	<3	6	11	<0.5	<2
7048	1AD0622A	2.5	31	<3	4	7	<0.5	<2
7049	1AD0622A	23.5	7	<3	<1	11	<0.5	3
7064	1AD0622A	55	55	4	9	8	<0.5	11
7065	1AD0622A	455	80	26	21	10	<0.5	375
7066	1AD0622A	22.5	95	6	15	8	<0.5	48
7067	1AD0622A	7.0	60	<3	1	10	<0.5	3
7068	1AD0622A	9.0	55	<3	3	12	<0.5	2
7069	1AD0622A	7.5	28	<3	4	8	<0.5	2
7070	1AD0622A	7.0	29	<3	3	12	<0.5	<2
7071	1AD0622A	6.5	30	<3	3	11	<0.5	<2
7088	1AD0622A	20.5	110	18	23	9	1.0	12
7089	1AD0622A	39.5	70	22	19	8	<0.5	16
7090	1AD0622A	25.0	65	16	18	8	<0.5	17
7091	1AD0622A	23.5	95	24	19	9	<0.5	30
7092	1AD0622A	40.0	95	4	7	11	<0.5	17
7093	1AD0622A	19.5	75	4	8	8	<0.5	13
7094	1AD0622A	14.5	50	<3	5	8	<0.5	5
7095	1AD0622A	8.5	40	<3	1	10	<0.5	3
7096	1AD0622A	7.5	60	<3	6	8	<0.5	4
7097	1AD0622A	4.5	45	<3	6	6	<0.5	7
7098	1AD0622A	2.0	49	<3	8	8	<0.5	4
7099	1AD0622A	7.0	30	<3	3	8	<0.5	6
7139	1AD0622A	34.5	100	18	20	8	<0.5	21
7140	1AD0622A	23.5	80	22	19	9	<0.5	18
7141	1AD0622A	19.0	70	20	17	6	<0.5	18
7142	1AD0622A	20.0	70	24	19	10	<0.5	14
7143	1AD0622A	9.0	47	16	16	8	<0.5	22
7144	1AD0622A	11.0	65	18	16	8	<0.5	11
7156	1AD0622A	22.5	75	10	13	8	<0.5	15
7157	1AD0622A	21.5	120	28	19	10	<0.5	26
7158	1AD0622A	10.5	39	<3	4	7	<0.5	2
7159	1AD0622A	3.0	34	<3	1	8	<0.5	<2
7160	1AD0622A	2.0	65	<3	1	6	<0.5	2
7162	1AD0622A	6.5	45	<3	4	11	<0.5	<2
7163	1AD0622A	4.5	70	4	10	8	<0.5	3
7175	1AD0622A	4.5	50	12	13	6	<0.5	4
7176	1AD0622A	6.5	80	20	18	9	<0.5	10
7177	1AD0622A	12.5	65	22	19	10	<0.5	15
7178	1AD0622A	14.5	65	14	16	9	<0.5	17
7179	1AD0622A	10.5	80	16	19	10	<0.5	22
7180	1AD0622A	18.5	75	14	17	8	<0.5	15
7181	1AD0622A	13.0	90	20	17	8	<0.5	12
7182	1AD0622A	27.0	105	8	11	8	<0.5	5
7183	1AD0622A	60	70	4	7	8	<0.5	2
	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DET.LIM	0.5	1	3	1	1	0.5	2
	SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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	SAMPLE	Be	Ce	Cs	Ga	Hf	In	Mo
7184	1AD0622A	3.5	340	< 3	3	19	< 0.5	< 2
7185	1AD0622A	11.0	55	< 3	2	8	< 0.5	< 2
7186	1AD0622A	3.5	49	< 3	3	6	< 0.5	< 2
7187	1AD0622A	3.0	80	10	15	9	1.5	9
7188	1AD0622A	5.0	16	< 3	2	7	< 0.5	< 2
7200	1AD0622A	6.0	75	14	18	10	< 0.5	5
7202	1AD0622A	20.5	55	14	19	9	< 0.5	11
7203	1AD0622A	13.0	47	16	18	9	< 0.5	11
7204	1AD0622A	22.0	65	18	17	8	< 0.5	17
7205	1AD0622A	29.0	60	18	18	8	< 0.5	16
7206	1AD0622A	31.5	85	22	21	7	< 0.5	12
7207	1AD0622A	26.5	80	6	9	7	< 0.5	3
7209	1AD0622A	8.0	420	< 3	3	20	< 0.5	< 2
7210	1AD0622A	6.0	55	< 3	5	8	< 0.5	< 2
7211	1AD0622A	4.0	37	< 3	5	7	< 0.5	4
7212	1AD0622A	9.5	28	< 3	3	11	< 0.5	3
7466	1AD0622B	4.0	28	< 3	2	7	< 0.5	4
7467	1AD0622B	9.0	55	4	15	8	< 0.5	19
7703	1AD0622C	16.0	80	4	15	16	< 0.5	32
7705	1AD0622C	8.0	60	8	24	7	< 0.5	50
7706	1AD0622C	10.5	25	8	28	5	< 0.5	47
7707	1AD0622C	4.5	37	6	30	6	< 0.5	145
7708	1AD0622C	3.5	17	8	30	5	< 0.5	100
7709	1AD0622C	4.0	13	6	34	5	< 0.5	28
7710	1AD0622C	4.0	50	6	24	4	< 0.5	37
7711	1AD0622C	3.5	85	8	19	5	< 0.5	14
7712	1AD0622C	7.0	24	8	24	6	< 0.5	16
7713	1AD0622C	10.5	44	14	29	5	0.5	37
7714	1AD0622C	70	27	8	27	7	< 0.5	24
7715	1AD0622C	29.5	19	6	24	6	< 0.5	70
7716	1AD0622C	12.5	18	6	26	6	< 0.5	49
7718	1AD0622C	5.5	33	6	23	7	< 0.5	125
7719	1AD0622C	10.0	75	4	12	9	< 0.5	47
7720	1AD0622C	11.0	95	8	26	12	< 0.5	95
7721	1AD0622C	9.0	70	4	11	5	< 0.5	7
7722	1AD0622C	27.0	38	6	31	9	< 0.5	23
7723	1AD0622C	9.0	55	6	28	7	< 0.5	30
7724	1AD0622C	6.0	13	4	21	6	< 0.5	15
7725	1AD0622C	4.0	60	6	29	8	< 0.5	135
7726	1AD0622C	11.0	80	8	23	8	< 0.5	110
7727	1AD0622C	15.0	70	8	19	6	< 0.5	125
7728	1AD0622C	11.0	41	4	11	6	< 0.5	70
7729	1AD0622C	14.5	33	< 3	7	6	< 0.5	11
7730	1AD0622C	8.5	28	4	12	5	< 0.5	42
7731	1AD0622C	8.5	30	4	12	6	< 0.5	45
7732	1AD0622C	5.0	38	4	15	5	< 0.5	110
7733	1AD0622C	13.0	70	6	15	6	< 0.5	70
7734	1AD0622C	3.0	50	6	29	8	< 0.5	115
7735	1AD0622C	2.5	75	6	26	7	< 0.5	38
7736	1AD0622C	3.0	70	6	36	8	< 0.5	35
	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DET.LIM	0.5	1	3	1	1	0.5	2
	SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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SAMPLE	Be	Ce	Cs	Ga	Hf	In	Mo
7737 1AD0622C	13.5	100	6	25	8	<0.5	22
7738 1AD0622C	8.0	125	8	21	7	<0.5	10
7739 1AD0622C	8.5	80	6	22	6	<0.5	17
7740 1AD0622C	15.5	70	6	19	7	<0.5	16
7741 1AD0622C	3.0	55	4	9	6	<0.5	6
7742 1AD0622C	3.5	49	6	31	7	<0.5	115
7743 1AD0622C	8.0	60	4	15	7	<0.5	55
7744 1AD0622C	8.5	75	4	15	7	<0.5	115
7745 1AD0622C	7.5	28	4	10	5	<0.5	125
7746 1AD0622C	22.5	125	10	17	9	5.5	45
7747 1AD0622C	9.5	55	4	10	7	<0.5	34
7748 1AD0622C	7.5	50	4	13	8	<0.5	33
7749 1AD0622C	16.5	75	8	15	8	<0.5	21
7750 1AD0622C	10.0	80	6	13	8	<0.5	45
7752 1AD0622C	12.5	85	6	21	7	<0.5	30
7753 1AD0622C	11.5	65	6	20	6	<0.5	13
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	0.5	1	3	1	1	0.5	2
SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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	SAMPLE	Nb	Rb	Sn	Sr	Ta	Th	U
7027	1AD0622A	15	340	35	70	< 2	18.5	5.0
7043	1AD0622A	15	195	210	20	< 2	14.0	3.5
7044	1AD0622A	10	160	340	15	< 2	13.0	3.0
7045	1AD0622A	< 10	21.5	185	45	< 2	4.5	1.5
7046	1AD0622A	< 10	6.5	125	20	< 2	5.0	2.5
7047	1AD0622A	< 10	49.5	90	15	< 2	8.5	2.0
7048	1AD0622A	< 10	60	35	5	< 2	4.0	1.5
7049	1AD0622A	< 10	8.5	< 10	5	< 2	2.0	1.5
7064	1AD0622A	10	130	140	15	< 2	9.0	3.0
7065	1AD0622A	15	600	80	5	< 2	41.0	10.5
7066	1AD0622A	15	230	85	20	< 2	20.5	6.5
7067	1AD0622A	< 10	8.5	115	15	< 2	5.5	1.5
7068	1AD0622A	< 10	36.5	50	15	< 2	5.0	2.0
7069	1AD0622A	< 10	46.5	55	5	< 2	4.0	2.0
7070	1AD0622A	< 10	16.5	65	10	< 2	4.5	1.5
7071	1AD0622A	< 10	22.5	35	5	< 2	4.0	1.5
7088	1AD0622A	15	230	145	20	< 2	28.0	6.5
7089	1AD0622A	10	410	75	20	< 2	16.5	4.5
7090	1AD0622A	15	235	65	20	< 2	18.5	5.5
7091	1AD0622A	15	350	280	20	< 2	18.0	5.0
7092	1AD0622A	< 10	80	85	15	< 2	12.0	3.5
7093	1AD0622A	< 10	110	60	15	< 2	11.0	3.0
7094	1AD0622A	< 10	49.0	40	10	< 2	7.5	2.0
7095	1AD0622A	< 10	7.0	45	10	< 2	4.0	1.5
7096	1AD0622A	< 10	55	170	15	< 2	6.0	2.0
7097	1AD0622A	< 10	24.0	155	10	< 2	3.0	1.0
7098	1AD0622A	< 10	55	20	20	< 2	8.5	2.5
7099	1AD0622A	< 10	23.0	25	10	< 2	3.5	1.5
7139	1AD0622A	10	255	60	20	< 2	14.5	4.0
7140	1AD0622A	10	460	85	20	< 2	17.0	4.5
7141	1AD0622A	< 10	375	65	20	< 2	16.0	4.5
7142	1AD0622A	10	445	85	25	< 2	17.0	5.0
7143	1AD0622A	15	205	200	15	< 2	17.0	5.0
7144	1AD0622A	15	290	180	20	< 2	15.5	4.5
7156	1AD0622A	< 10	245	75	15	< 2	12.0	3.5
7157	1AD0622A	15	330	70	20	< 2	17.5	5.0
7158	1AD0622A	< 10	55	60	10	< 2	6.0	1.5
7159	1AD0622A	< 10	7.0	150	5	< 2	3.5	1.0
7160	1AD0622A	< 10	7.5	205	15	< 2	3.0	1.5
7162	1AD0622A	< 10	45.0	35	5	< 2	5.0	1.5
7163	1AD0622A	< 10	95	25	10	< 2	9.0	2.5
7175	1AD0622A	< 10	165	30	20	< 2	11.5	3.5
7176	1AD0622A	15	190	60	20	< 2	17.5	5.5
7177	1AD0622A	20	305	115	20	< 2	18.5	5.5
7178	1AD0622A	10	205	45	20	< 2	14.5	4.0
7179	1AD0622A	15	210	55	30	< 2	20.0	5.5
7180	1AD0622A	< 10	295	80	20	< 2	14.5	4.0
7181	1AD0622A	10	240	65	20	< 2	17.5	4.5
7182	1AD0622A	< 10	185	180	15	< 2	13.5	3.0
7183	1AD0622A	< 10	110	90	10	< 2	12.0	2.5
	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DET.LIM	10	0.5	10	5	2	0.5	0.5
	SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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	SAMPLE	Nb	Rb	Sn	Sr	Ta	Th	U
7184	1AD0622A	< 10	8.5	45	25	< 2	6.0	4.5
7185	1AD0622A	< 10	18.5	30	10	< 2	5.5	2.0
7186	1AD0622A	< 10	22.0	< 10	5	< 2	5.0	2.0
7187	1AD0622A	< 10	160	105	20	< 2	17.5	3.0
7188	1AD0622A	< 10	31.5	15	< 5	< 2	2.5	1.0
7200	1AD0622A	15	210	55	25	< 2	18.5	5.5
7202	1AD0622A	15	185	40	40	< 2	17.0	5.0
7203	1AD0622A	< 10	240	30	45	< 2	11.5	4.0
7204	1AD0622A	10	320	65	25	< 2	16.0	4.5
7205	1AD0622A	10	370	80	20	< 2	14.0	4.0
7206	1AD0622A	10	415	115	20	< 2	17.5	5.0
7207	1AD0622A	< 10	170	55	10	< 2	11.5	3.0
7209	1AD0622A	< 10	5.5	20	30	< 2	7.0	4.5
7210	1AD0622A	< 10	65	15	10	< 2	5.5	2.0
7211	1AD0622A	< 10	55	15	15	< 2	4.5	1.5
7212	1AD0622A	< 10	19.5	45	5	< 2	4.0	1.5
7466	1AD0622B	< 10	14.5	25	10	< 2	4.5	1.5
7467	1AD0622B	25	225	< 10	10	4	15.0	4.5
7703	1AD0622C	20	150	30	15	2	13.5	4.5
7705	1AD0622C	40	325	25	5	6	55	14.5
7706	1AD0622C	40	470	25	< 5	7	37.0	7.0
7707	1AD0622C	50	400	35	5	8	60	8.0
7708	1AD0622C	50	370	15	5	7	65	7.0
7709	1AD0622C	55	410	15	< 5	9	26.0	6.0
7710	1AD0622C	40	365	15	10	6	37.5	7.5
7711	1AD0622C	25	500	< 10	5	5	60	13.5
7712	1AD0622C	40	480	< 10	< 5	9	55	6.5
7713	1AD0622C	35	550	55	< 5	6	70	6.0
7714	1AD0622C	45	425	35	5	8	70	11.0
7715	1AD0622C	35	450	30	< 5	6	43.5	10.5
7716	1AD0622C	35	415	35	10	7	19.0	5.0
7718	1AD0622C	40	360	20	5	7	33.5	5.5
7719	1AD0622C	15	100	25	5	2	13.0	4.0
7720	1AD0622C	25	185	100	30	2	23.5	5.5
7721	1AD0622C	15	370	30	15	3	22.5	4.5
7722	1AD0622C	45	240	35	10	7	50	11.0
7723	1AD0622C	40	365	40	5	7	85	16.0
7724	1AD0622C	25	465	20	5	5	10.0	4.5
7725	1AD0622C	45	380	20	< 5	8	130	9.5
7726	1AD0622C	25	345	45	5	4	50	6.0
7727	1AD0622C	25	220	25	10	4	30.5	4.5
7728	1AD0622C	10	100	30	10	< 2	23.0	4.0
7729	1AD0622C	15	105	15	10	2	7.5	5.0
7730	1AD0622C	10	105	45	10	< 2	11.5	2.5
7731	1AD0622C	10	70	55	< 5	< 2	24.5	5.5
7732	1AD0622C	20	130	40	5	3	30.5	5.0
7733	1AD0622C	20	170	20	10	3	23.5	4.5
7734	1AD0622C	40	375	20	< 5	9	100	7.0
7735	1AD0622C	45	415	10	< 5	9	90	7.5
7736	1AD0622C	55	215	25	10	9	90	8.5
	UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	DET.LIM	10	0.5	10	5	2	0.5	0.5
	SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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	SAMPLE	Nb	Rb	Sn	Sr	Ta	Th	U
7737	1AD0622C	35	315	55	15	5	75	9.0
7738	1AD0622C	30	275	20	10	5	85	7.5
7739	1AD0622C	25	330	35	15	5	30.5	7.0
7740	1AD0622C	25	300	100	10	5	26.0	5.0
7741	1AD0622C	20	150	< 10	10	< 2	9.0	2.5
7742	1AD0622C	30	65	30	10	5	46.0	6.5
7743	1AD0622C	15	80	30	5	3	25.5	4.5
7744	1AD0622C	15	60	25	5	2	36.0	5.5
7745	1AD0622C	< 10	49.0	20	< 5	2	17.0	2.5
7746	1AD0622C	15	125	550	10	3	18.0	4.0
7747	1AD0622C	15	75	30	5	< 2	14.5	3.0
7748	1AD0622C	10	55	20	5	< 2	14.5	3.0
7749	1AD0622C	20	165	15	10	3	12.5	4.5
7750	1AD0622C	15	170	10	10	< 2	12.5	2.5
7752	1AD0622C	25	320	15	10	5	38.5	13.5
7753	1AD0622C	25	325	20	20	6	32.0	6.5

UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DET.LIM	10	0.5	10	5	2	0.5	0.5
SCHEME	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M	IC4M

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	SAMPLE	Zr	LOI	W	Y
7027	1AD0622A	305	9.60	255	23
7043	1AD0622A	375	13.4	500	23
7044	1AD0622A	355	8.77	250	27
7045	1AD0622A	215	16.0	55	35
7046	1AD0622A	1500	4.49	28	28
7047	1AD0622A	380	10.8	115	20
7048	1AD0622A	255	7.07	55	16
7049	1AD0622A	385	14.5	120	6
7064	1AD0622A	290	8.90	380	20
7065	1AD0622A	335	8.46	600	18
7066	1AD0622A	265	9.80	445	28
7067	1AD0622A	365	11.9	50	29
7068	1AD0622A	425	16.1	55	22
7069	1AD0622A	300	8.82	42	16
7070	1AD0622A	440	5.46	55	18
7071	1AD0622A	420	7.33	42	17
7088	1AD0622A	300	17.0	270	16
7089	1AD0622A	290	16.7	230	14
7090	1AD0622A	270	19.4	345	12
7091	1AD0622A	325	18.2	210	17
7092	1AD0622A	415	10.4	315	27
7093	1AD0622A	330	9.93	205	26
7094	1AD0622A	275	8.15	65	26
7095	1AD0622A	360	6.22	46	28
7096	1AD0622A	320	30.8	90	22
7097	1AD0622A	230	3.23	95	14
7098	1AD0622A	300	45.6	165	21
7099	1AD0622A	285	9.89	50	13
7139	1AD0622A	295	17.1	260	23
7140	1AD0622A	310	14.2	235	16
7141	1AD0622A	210	15.6	150	15
7142	1AD0622A	340	17.5	185	14
7143	1AD0622A	260	22.0	410	12
7144	1AD0622A	305	21.3	260	16
7156	1AD0622A	320	5.55	320	21
7157	1AD0622A	410	11.0	185	30
7158	1AD0622A	300	12.1	60	20
7159	1AD0622A	345	6.05	26	21
7160	1AD0622A	230	10.5	32	43
7162	1AD0622A	455	7.42	60	21
7163	1AD0622A	350	12.0	190	23
7175	1AD0622A	255	35.9	50	12
7176	1AD0622A	320	27.5	335	14
7177	1AD0622A	380	15.4	485	16
7178	1AD0622A	380	23.6	130	15
7179	1AD0622A	390	22.8	290	19
7180	1AD0622A	305	16.9	200	27
7181	1AD0622A	310	17.0	240	24
7182	1AD0622A	310	8.64	300	30
7183	1AD0622A	305	9.29	550	19
	UNITS	ppm	%	ppm	ppm
	DET.LIM	20	0.01	3	1
	SCHEME	IC4	IC4	IC4M	IC4M

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	SAMPLE	Zr	LOI	W	Y
7184	1AD0622A	750	8.39	55	115
7185	1AD0622A	350	7.64	75	25
7186	1AD0622A	260	12.6	70	19
7187	1AD0622A	400	8.50	75	21
7188	1AD0622A	290	3.55	65	9
7200	1AD0622A	390	17.9	55	15
7202	1AD0622A	365	20.1	125	18
7203	1AD0622A	360	22.1	145	16
7204	1AD0622A	335	18.3	160	15
7205	1AD0622A	335	10.3	300	17
7206	1AD0622A	275	10.9	650	24
7207	1AD0622A	290	5.43	155	23
7209	1AD0622A	850	8.49	36	85
7210	1AD0622A	355	12.2	36	25
7211	1AD0622A	310	24.2	36	18
7212	1AD0622A	455	3.71	135	12
7466	1AD0622B	275	9.35	20	10
7467	1AD0622B	240	4.56	30	36
7703	1AD0622C	600	11.7	115	55
7705	1AD0622C	155	7.23	255	45
7706	1AD0622C	95	9.17	160	22
7707	1AD0622C	115	10.5	370	23
7708	1AD0622C	95	18.1	60	24
7709	1AD0622C	95	14.4	55	28
7710	1AD0622C	90	14.4	345	29
7711	1AD0622C	115	5.87	32	41
7712	1AD0622C	100	5.56	30	24
7713	1AD0622C	100	12.1	65	23
7714	1AD0622C	110	8.33	65	23
7715	1AD0622C	110	5.75	70	34
7716	1AD0622C	110	8.14	200	30
7718	1AD0622C	165	7.96	405	28
7719	1AD0622C	345	7.15	125	35
7720	1AD0622C	410	10.1	190	27
7721	1AD0622C	120	8.63	24	32
7722	1AD0622C	205	8.97	75	31
7723	1AD0622C	135	7.89	65	34
7724	1AD0622C	100	4.11	230	32
7725	1AD0622C	135	8.77	195	36
7726	1AD0622C	235	8.15	180	32
7727	1AD0622C	210	10.5	315	26
7728	1AD0622C	210	22.6	130	16
7729	1AD0622C	220	8.69	70	23
7730	1AD0622C	190	15.9	90	14
7731	1AD0622C	245	7.32	95	8
7732	1AD0622C	185	12.2	170	15
7733	1AD0622C	210	8.48	140	25
7734	1AD0622C	130	9.04	130	33
7735	1AD0622C	135	6.95	42	50
7736	1AD0622C	155	14.0	80	28
	UNITS	ppm	%	ppm	ppm
	DET.LIM	20	0.01	3	1
	SCHEME	IC4	IC4	IC4M	IC4M

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	SAMPLE	Zr	LOI	W	Y
7737	1AD0622C	190	8.59	80	36
7738	1AD0622C	175	10.1	28	35
7739	1AD0622C	160	12.0	46	41
7740	1AD0622C	145	7.99	70	33
7741	1AD0622C	255	3.56	75	22
7742	1AD0622C	200	15.5	95	13
7743	1AD0622C	225	7.89	60	18
7744	1AD0622C	265	8.74	65	11
7745	1AD0622C	200	6.87	38	7
7746	1AD0622C	335	16.3	65	21
7747	1AD0622C	250	6.24	375	10
7748	1AD0622C	305	7.13	50	15
7749	1AD0622C	290	5.97	50	28
7750	1AD0622C	325	4.13	38	26
7752	1AD0622C	160	12.5	44	55
7753	1AD0622C	140	16.5	42	33
	UNITS	ppm	%	ppm	ppm
	DET.LIM	20	0.01	3	1
	SCHEME	IC4	IC4	IC4M	IC4M