

Trace mode - ppm												
		S	Ca	Ti	Cr	Fe	Co	Ni	Cu	Zn	As	Sr
DRD738	Average conc	5705	129594	3259	458	176256	72	842	269	177	47	39
	SD	515	1257	59	59	1226	1	38	3	6	1	1
	RSD	9.0	1.0	1.8	12.9	0.7	1.9	4.6	1.1	3.4	2.5	3.8
	P	18.1	1.9	3.6	25.8	1.4	3.9	9.1	2.2	6.9	5.0	7.5
UMI-08-028	Average conc	26854	54680	2794	904	179406	95	<DL	890	3797	51	29
	SD	900	225	28	116	301	4		9	9	3	1
	RSD	3.3	0.4	1.0	12.9	0.2	4.1		1.0	0.2	5.3	3.0
	P	6.7	0.8	2.0	25.8	0.3	8.2		1.9	0.5	10.6	5.9
UMI-07-054	Average conc	1057	119836	8386	1784	151410	58	207	18	200	44	405
	SD	251	791	63	230	1052	1	24	3	3	2	4
	RSD	23.8	0.7	0.7	12.9	0.7	2.4	11.4	19.0	1.7	3.5	0.9
	P	47.5	1.3	1.5	25.8	1.4	4.8	22.9	38.0	3.4	7.0	1.8
MID024	Average conc	11787	79414	1241	3521	145298	76	16532	533	134	345	27
	SD	291	427	37	453	534	1	139	15	8	4	1
	RSD	2.5	0.5	3.0	12.9	0.4	1.6	0.8	2.8	5.9	1.2	5.2
	P	4.9	1.1	6.0	25.8	0.7	3.2	1.7	5.7	11.8	2.4	10.3
DRD102	Average conc	1757	116068	4084	6951	76759	39	<DL	78	150	53	81
	SD	272	709	39	895	513	2		2	6	2	2
	RSD	15.5	0.6	1.0	12.9	0.7	5.2		2.0	3.9	4.0	2.0
	P	31.0	1.2	1.9	25.8	1.3	10.5		3.9	7.8	8.0	4.1
MID046	Average conc	16412	14515	3128	13719	79657	45	<DL	659	1880	32	21
	SD	335	64	37	1767	585	1		5	9	2	0
	RSD	2.0	0.4	1.2	12.9	0.7	3.2		0.8	0.5	6.4	1.7
	P	4.1	0.9	2.3	25.8	1.5	6.4		1.6	1.0	12.8	3.5
Major mode - %												
		Mg	Si	S	Ca	Ti	Cr	Fe	Co	Ni	Cu	Zn
DRD738	Average conc	2.25	23.69	0.86	11.56	0.31	0.03	14.45	0.00	0.09	0.03	0.02
	SD	0.58	0.64	0.01	0.05	0.02	0.01	0.03	<DL	0.00	0.00	0.00
	RSD	25.6	2.7	1.2	0.4	6.7	17.9	0.2		4.6	2.2	6.4
	P	51.3	5.4	2.4	0.8	13.5	35.8	0.4		9.2	4.4	12.8
UMI-08-028	Average conc	1.35	18.92	5.95	5.33	0.24	0.00	13.48	0.02	<DL	0.10	0.38
	SD	0.30	0.53	0.05	0.05	0.02		0.10	0.00		0.00	0.01
	RSD	22.0	2.8	0.8	0.9	7.3		0.7	14.7		3.4	1.5
	P	43.9	5.6	1.7	1.7	14.7		1.4	29.3		6.8	3.1
UMI-07-054	Average conc	1.40	16.56	0.00	9.99	0.86	0.08	12.85	<DL	0.04	<DL	0.02
	SD	0.12	0.75		0.10	0.03	0.01	0.19		0.00		0.00
	RSD	8.2	4.5		1.0	3.3	6.8	1.5		10.1		7.8
	P	16.5	9.1		2.1	6.5	13.5	2.9		20.2		15.6
MID024	Average conc	0.84	13.45	2.79	7.45	0.12	0.22	11.38	0.02	1.16	0.07	0.01
	SD	0.24	0.12	0.06	0.07	0.01	0.01	0.11	0.00	0.02	0.00	0.00
	RSD	28.9	0.9	2.1	0.9	9.8	5.3	0.9	14.0	1.4	6.8	11.1
	P	57.8	1.7	4.3	1.8	19.5	10.5	1.9	28.1	2.7	13.5	22.3
DRD102	Average conc		18.49	0.04	10.06	0.43	0.03	7.85	<DL	<DL	<DL	0.02
	SD		0.41		0.11	0.01	0.00	0.10				0.00
	RSD		2.2		1.1	3.4	11.9	1.3				6.9
	P		4.4		2.3	6.8	23.7	2.5				13.8
MID046	Average conc	0.00	30.23	4.47	1.60	0.28	0.01	7.60	0.01	<DL	0.08	0.20
	SD		0.44	0.04	0.02	0.02		0.08	0.00		0.00	0.00
	RSD		1.5	0.9	1.2	8.2		1.0	12.8		3.2	1.8
	P		2.9	1.7	2.4	16.3		2.0	25.7		6.5	3.7

<u>Zr</u>
32
1
2.7
5.4
82
2
2.9
5.8
73
2
3.0
6.0
9
1
7.4
14.8
39
2
4.7
9.4
129
1
0.8
1.5
