

Mass percent Group : adam? Sample : 140909 Page 1

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	31	23.010	-	0.217	0.090	9.250	62.960	0.183	4.300
	32	23.020	-	0.319	0.088	9.060	62.380	0.196	4.330
	33	23.230	-	0.284	0.095	8.740	62.210	0.145	4.530

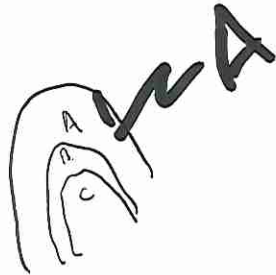
A 1

2	No.	MgO	SrO	TiO2	O	Total	Comment
	31	-	0.199	0.015	-	100.224	DLC8_9a
	32	-	0.248	-	-	99.640	DLC8_9b
	33	0.010	0.178	-	-	99.422	DLC8_9c

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	23.010	-	0.217	0.088	8.740	62.210	0.145	4.300
Maximum	23.230	-	0.319	0.095	9.250	62.960	0.196	4.530
Average	23.087	-	0.273	0.091	9.017	62.517	0.174	4.387
Sigma	0.124	-	0.052	0.004	0.258	0.393	0.027	0.125

	MgO	SrO	TiO2	O	Total
Minimum	-	0.178	-	-	99.422
Maximum	0.010	0.248	0.015	-	100.224
Average	0.003	0.208	0.005	-	99.762
Sigma	0.006	0.036	0.008	-	0.415

No. of data 3



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DLC8 (NAME within NAME flag)

Mass percent Group : adam? Sample : 140909 Page 1

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
34		23.800	0.005	0.275	0.123	8.420	60.900	0.123	5.320
35		23.860	0.005	0.446	0.161	8.180	60.470	0.191	5.470
36		24.530	0.063	0.361	0.106	7.780	59.230	0.149	6.130
2	No.	MgO	SrO	TiO2	O	Total	Comment		
34		0.017	0.195	0.032	-	99.211	DLC8_9d		
35		-	0.203	-	-	98.986	DLC8_9d		
36		0.005	0.224	0.007	-	98.584	DLC8_9d		

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	23.800	0.005	0.275	0.106	7.780	59.230	0.123	5.320
Maximum	24.530	0.063	0.446	0.161	8.420	60.900	0.191	6.130
Average	24.063	0.024	0.361	0.130	8.127	60.200	0.154	5.640
Sigma	0.405	0.034	0.085	0.028	0.323	0.867	0.034	0.431

	MgO	SrO	TiO2	O	Total
Minimum	-	0.195	-	-	98.584
Maximum	0.017	0.224	0.032	-	99.211
Average	0.007	0.207	0.013	-	98.927
Sigma	0.009	0.015	0.017	-	0.317

No. of data 3

Mass percent		Group : adam?		Sample : 170909		Page 1			
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
66	23.120	0.005	0.232	0.043	8.980	62.330	0.178	4.400	
67	22.910	-	0.403	0.007	8.870	62.690	0.169	4.410	
68	22.570	0.019	0.320	0.054	8.980	62.360	0.220	4.340	
69	22.780	-	0.300	0.082	9.070	62.570	0.216	4.230	
70	23.360	0.073	0.129	0.032	8.860	62.280	0.089	4.380	
71	23.310	0.058	0.176	0.025	9.030	62.160	0.199	4.460	
72	23.190	0.097	0.224	0.043	9.150	62.190	0.241	4.500	
73	22.650	0.010	0.309	0.052	9.060	62.360	0.140	4.220	
74	23.510	-	0.258	0.064	8.280	61.330	0.152	5.410	
75	23.410	-	0.476	0.125	8.460	61.950	0.279	5.020	
76	23.520	0.010	0.472	0.173	8.550	61.700	0.182	4.970	
77	23.520	0.034	0.536	0.070	8.340	61.430	0.216	5.210	
78	24.470	-	0.392	0.113	7.880	60.300	0.118	6.200	
79	24.260	-	0.423	0.117	8.000	60.420	0.114	5.910	
80	24.410	-	0.412	0.104	7.960	59.930	0.131	6.020	
81	24.100	-	0.494	0.150	8.050	61.150	0.165	5.710	
82	24.830	0.112	0.375	0.081	7.680	59.620	0.203	6.730	
83	23.980	0.010	0.511	0.099	8.130	60.950	0.199	5.420	
84	24.130	-	0.499	0.155	8.140	60.440	0.161	5.800	
85	25.150	0.034	0.297	0.024	7.540	59.050	0.152	6.780	
86	23.610	-	0.389	0.101	8.310	60.440	0.119	5.220	
87	23.090	0.010	0.271	0.055	8.890	62.580	0.178	4.690	
88	23.310	0.044	0.257	0.094	9.000	61.890	0.288	4.560	
89	23.480	-	0.412	0.078	8.510	62.200	0.169	5.390	
90	24.180	0.014	0.338	0.076	8.240	60.350	0.207	5.750	
91	24.050	-	0.292	-	8.440	59.570	0.229	5.320	
92	23.540	-	0.204	0.014	8.710	61.810	0.135	5.280	
93	23.170	-	0.217	0.093	9.110	62.360	0.220	4.520	
94	24.100	-	0.189	0.031	8.370	61.430	0.220	5.870	
95	23.700	-	0.264	0.058	8.560	61.860	0.119	5.240	
96	23.280	-	0.209	0.070	8.820	61.310	0.089	5.100	
97	21.980	0.005	0.267	0.138	9.540	63.810	0.203	3.540	
98	23.130	-	0.242	0.080	9.140	62.480	0.161	4.170	
99	21.830	-	0.196	0.027	9.260	62.290	0.207	4.280	
100	22.660	-	0.142	0.044	9.290	63.090	0.119	4.350	
101	22.990	-	0.230	0.051	9.080	62.990	0.085	4.300	
102	23.950	0.058	0.463	0.119	8.140	60.930	0.148	5.770	
103	25.150	-	0.329	0.071	7.420	59.330	0.156	7.050	

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2	No.	MgO	SrO	TiO2	O	Total	Comment
	66	0.008	0.272	0.023	-	99.591	1a36
	67	-	0.254	0.056	-	99.769	1a37
	68	0.004	0.272	0.009	-	99.150	1a38
	69	0.005	0.268	0.011	-	99.531	1a39
	70	-	0.266	-	-	99.469	1a40
	71	0.005	0.257	0.019	-	99.699	1a41
	72	-	0.267	-	-	99.902	1a42
	73	-	0.185	0.005	-	98.990	1a43
	74	0.003	0.222	0.031	-	99.259	1a44
	75	-	0.188	0.021	-	99.929	1a45
	76	0.020	0.233	-	-	99.830	1a46
	77	0.003	0.208	0.015	-	99.580	1a47
	78	-	0.217	-	-	99.691	1a48
	79	0.004	0.192	0.007	-	99.446	1a49
	80	0.012	0.249	0.097	-	99.324	1a50
	81	0.005	0.261	-	-	100.085	1a51
	82	0.017	0.197	0.025	-	99.871	1a52
	83	0.010	0.261	0.015	-	99.584	1a53
	84	-	0.224	-	-	99.549	1a54
	85	0.005	0.258	-	-	99.291	1a55
	86	0.006	0.253	-	-	98.449	1a56
	87	0.016	0.181	-	-	99.961	1a57
	88	-	0.156	0.007	-	99.605	1a58
	89	-	0.212	-	-	100.451	1a59
	90	-	0.245	0.045	-	99.445	1a60
	91	0.016	0.168	0.003	-	98.086	1a61
	92	-	0.218	0.011	-	99.922	1a62
	93	-	0.170	0.023	-	99.882	1a63
	94	-	0.190	-	-	100.400	1a64
	95	-	0.121	0.013	-	99.935	1a65
	96	-	0.182	0.029	-	99.088	1a66
	97	-	0.185	-	-	99.669	1a67
	98	-	0.218	0.040	-	99.660	1a68
	99	0.007	0.201	0.007	-	98.305	1a69
	100	-	0.233	0.048	-	99.975	1a70
	101	0.007	0.209	-	-	99.942	1a71
	102	-	0.235	0.041	-	99.855	1a72
	103	0.009	0.294	0.024	-	99.834	1a73

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	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	21.830	-	0.129	-	7.420	59.050	0.085	3.540
Maximum	25.150	0.112	0.536	0.173	9.540	63.810	0.288	7.050
Average	23.536	0.016	0.320	0.074	8.575	61.524	0.173	5.119
Sigma	0.757	0.028	0.113	0.042	0.528	1.143	0.050	0.823

	MgO	SrO	TiO2	O	Total
Minimum	-	0.121	-	-	98.086
Maximum	0.020	0.294	0.097	-	100.451
Average	0.004	0.222	0.016	-	99.579
Sigma	0.006	0.039	0.021	-	0.500

No. of data 38

Mass percent		Group : adam?			Sample : 170909			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
271	20.110	0.053	0.097	0.010	10.990	65.240	0.038	1.059	
272	21.710	-	0.166	-	10.150	64.040	0.021	2.690	
273	21.910	-	0.377	0.031	9.880	63.630	-	2.800	
274	21.840	0.010	0.308	-	10.050	63.680	-	2.850	
275	22.170	-	0.407	-	9.730	64.050	-	2.910	
276	21.880	0.039	0.458	-	9.890	64.280	0.114	2.830	
277	22.010	0.005	0.452	0.000	9.730	63.910	-	2.950	
278	21.980	-	0.395	0.004	9.930	63.980	-	2.910	
279	21.890	0.068	0.428	0.006	9.860	63.770	-	2.850	
280	21.870	0.010	0.413	-	9.950	63.860	0.034	3.050	
281	21.980	-	0.455	0.016	9.770	63.550	0.059	3.090	
282	22.050	0.053	0.513	-	9.770	63.860	-	2.860	
283	20.600	0.044	0.228	0.020	11.070	66.070	-	1.320	
284	21.330	0.005	0.061	-	10.320	64.610	0.030	2.410	
285	21.150	-	0.001	0.003	10.460	65.250	-	2.340	
286	20.940	-	0.067	0.041	10.540	65.610	0.051	2.190	
287	21.040	0.019	0.108	0.015	10.410	65.870	0.009	2.050	
288	21.540	0.005	0.092	0.025	10.370	65.150	0.063	2.130	
289	21.280	-	0.080	0.036	10.410	64.030	-	2.040	
290	21.600	-	0.063	0.016	10.410	65.270	-	2.270	
291	20.540	0.019	0.034	0.021	10.570	65.430	0.034	1.820	
292	21.840	0.024	0.377	-	10.030	64.370	-	2.680	
293	21.160	-	0.061	0.020	10.290	65.550	-	2.390	
294	22.030	0.044	0.321	0.036	9.790	64.200	0.013	3.050	
295	21.740	0.044	0.390	0.049	10.210	64.850	0.030	2.710	
296	21.930	-	0.369	-	10.020	64.510	0.059	2.850	
297	21.140	0.029	0.164	0.038	10.640	65.550	-	2.000	
298	21.080	-	0.203	0.027	10.430	64.900	-	2.020	
299	20.860	0.015	0.162	0.071	10.290	64.470	-	2.250	
300	19.550	-	0.098	0.022	11.800	67.710	-	0.426	
301	19.540	0.049	0.198	-	11.700	67.420	0.004	0.289	
302	18.310	0.034	14.980	0.054	1.450	64.450	0.017	0.024	
303	18.210	0.106	15.010	0.061	1.276	64.500	0.034	0.042	
304	18.040	-	15.970	0.072	0.787	64.120	-	0.012	
305	18.290	-	15.460	0.040	1.069	64.890	0.008	0.026	
306	18.400	0.005	15.630	0.124	1.009	64.090	-	0.036	
307	18.120	0.072	16.020	0.097	0.637	64.050	-	-	
308	18.020	-	15.530	0.100	1.071	64.210	-	0.023	
309	18.020	-	14.860	0.115	1.430	64.630	-	0.024	
310	18.070	-	15.540	0.004	0.937	63.860	-	0.022	

Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	271	-	0.051	0.049	-	97.697	1a211
	272	-	-	-	-	98.777	1a212
	273	0.010	0.007	-	-	98.645	1a213
	274	-	0.026	0.058	-	98.822	1a214
	275	-	0.046	-	-	99.313	1a215
	276	-	0.051	0.019	-	99.560	1a216
	277	-	0.002	0.011	-	99.070	1a217
	278	0.017	-	-	-	99.216	1a218
	279	-	0.046	0.004	-	98.922	1a219
	280	0.022	0.023	-	-	99.231	1a220
	281	-	0.035	-	-	98.955	1a221
	282	-	0.025	-	-	99.131	1a222
	283	0.014	0.042	0.024	-	99.431	1a223
	284	0.001	0.029	-	-	98.795	1a224
	285	0.001	-	0.003	-	99.207	1a225
	286	0.001	0.046	-	-	99.485	1a226
	287	-	0.057	-	-	99.578	1a227
	288	0.011	0.025	0.008	-	99.419	1a228
	289	-	0.032	0.020	-	97.927	1a229
	290	-	0.000	-	-	99.629	1a230
	291	0.005	0.038	-	-	98.511	1a231
	292	-	0.057	0.025	-	99.403	1a232
	293	-	0.011	0.015	-	99.497	1a233
	294	-	0.060	-	-	99.543	1a234
	295	-	0.015	-	-	100.037	1a235
	296	-	0.040	0.030	-	99.808	1a236
	297	-	0.018	0.019	-	99.598	1a237
	298	-	0.074	-	-	98.734	1a238
	299	0.008	0.065	-	-	98.191	1a239
	300	-	0.023	-	-	99.627	1a240
	301	-	0.026	0.001	-	99.228	1a241
	302	-	0.008	0.029	-	99.355	1a242
	303	-	0.090	0.061	-	99.391	1a243
	304	-	0.033	-	-	99.035	1a244
	305	-	0.038	0.032	-	99.853	1a245
	306	0.001	0.002	0.001	-	99.297	1a246
	307	-	0.046	0.024	-	99.067	1a247
	308	0.001	-	0.028	-	98.983	1a248
	309	-	0.042	0.027	-	99.148	1a249
	310	-	0.054	0.040	-	98.528	1a250

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	18.020	-	0.001	-	0.637	63.550	-	-
Maximum	22.170	0.106	16.020	0.124	11.800	67.710	0.114	3.090
Average	20.644	0.019	3.664	0.029	8.228	64.687	0.015	1.807
Sigma	1.491	0.026	6.433	0.034	3.932	0.944	0.025	1.163

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	97.697
Maximum	0.022	0.090	0.061	-	100.037
Average	0.002	0.032	0.013	-	99.141
Sigma	0.005	0.023	0.017	-	0.500

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No. of data 40

Mass percent		Group : adam?			Sample : 210904		Page 1		
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	147	17.850	0.030	15.120	0.408	1.012	64.430	0.056	0.018
	148	17.300	-	14.410	0.419	1.056	65.100	0.069	-
	149	18.280	-	14.500	0.347	1.630	64.970	-	0.029
	150	17.710	0.035	14.480	0.377	1.440	63.890	0.017	0.026
	151	17.890	0.084	15.720	0.326	0.580	64.660	-	-
	152	18.280	0.069	15.340	0.337	1.058	64.690	-	0.004
2	No.	MgO	SrO	TiO2	O	Total	Comment		
	147	-	0.024	0.039	-	98.987	temp		
	148	-	0.046	0.034	-	98.434	temp		
	149	-	0.045	-	-	99.801	temp		
	150	-	0.058	0.008	-	98.042	temp		
	151	-	0.046	-	-	99.307	temp		
	152	-	0.045	0.018	-	99.840	temp		

		Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum		17.300	-	14.410	0.326	0.580	63.890	-	-
Maximum		18.280	0.084	15.720	0.419	1.630	65.100	0.069	0.029
Average		17.885	0.036	14.928	0.369	1.129	64.623	0.024	0.013
Sigma		0.370	0.035	0.545	0.039	0.367	0.431	0.031	0.013
		MgO	SrO	TiO2	O	Total			
Minimum		-	0.024	-	-	98.041			
Maximum		-	0.058	0.039	-	99.840			
Average		-	0.044	0.016	-	99.068			
Sigma		-	0.011	0.017	-	0.728			

No. of data 6

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analysis
Core

Mass percent Group : adam? Sample : 210904 Page 1

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	153	18.070	0.044	13.940	1.150	1.610	63.990	0.060	0.035
	154	18.230	-	13.870	1.052	1.570	63.500	0.034	0.057
	155	18.110	0.030	13.730	1.200	1.760	63.870	0.004	0.028
	156	18.190	0.015	13.920	1.180	1.650	63.660	0.056	0.038
	157	18.810	-	14.130	1.300	1.640	63.920	-	0.010
	158	18.390	0.015	14.500	1.140	1.339	63.720	0.116	0.022

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2	No.	MgO	SrO	TiO2	O	Total	Comment
	153	0.005	0.094	0.046	-	99.044	temp, l
	154	0.014	0.101	0.011	-	98.439	temp, l
	155	-	0.057	0.065	-	98.854	temp, l
	156	0.009	0.033	0.072	-	98.822	temp, l
	157	0.008	0.103	0.066	-	99.987	temp, l
	158	-	0.102	0.089	-	99.433	temp, l

Light

Run / light

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	18.070	-	13.730	1.052	1.339	63.500	-	0.010
Maximum	18.810	0.044	14.500	1.300	1.760	63.990	0.116	0.057
Average	18.300	0.017	14.015	1.170	1.595	63.777	0.045	0.032
Sigma	0.274	0.017	0.270	0.081	0.140	0.183	0.043	0.016

	MgO	SrO	TiO2	O	Total
Minimum	-	0.033	0.011	-	98.439
Maximum	0.014	0.103	0.089	-	99.987
Average	0.006	0.082	0.058	-	99.097
Sigma	0.005	0.030	0.027	-	0.543

No. of data 6

Run

Mass percent		Group : adam?			Sample : 220904			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	1	18.990	0.020	-	-	12.090	68.770	0.052	0.016
	2	18.910	0.020	0.015	-	11.820	68.750	0.043	0.012
	3	19.020	-	0.010	0.012	12.200	68.730	-	-
	4	0.015	0.313	0.005	0.053	0.005	40.190	10.870	-
	5	0.004	0.235	0.012	-	-	40.400	11.200	-
	6	0.005	0.279	0.015	0.001	0.021	40.400	11.280	-
	7	99.960	-	0.001	-	-	0.023	-	0.029
	8	100.700	-	-	0.036	0.014	0.073	-	0.008
	9	99.520	-	-	-	-	-	0.107	-
	10	-	0.184	-	-	-	51.640	0.418	48.200
	11	0.005	0.129	-	0.049	-	51.460	0.341	48.090
	12	0.009	0.134	-	-	-	51.600	0.418	48.490
	13	17.630	-	15.170	0.139	1.160	65.510	0.456	-
	14	17.600	0.015	15.330	0.086	1.111	64.810	0.453	0.003
	15	17.920	0.054	14.400	0.077	1.258	65.010	0.401	0.738
	16	0.097	-	-	3.010	0.007	-	0.828	-
	17	0.134	-	0.001	3.020	0.020	-	0.687	0.027
	18	0.087	-	-	2.970	-	-	0.634	0.031
	19	-	0.070	-	-	-	0.070	90.410	-
	20	0.036	0.026	-	-	-	0.032	89.990	-
	21	0.037	0.162	-	-	-	0.052	90.140	-
	22	0.060	46.750	0.008	1.630	-	-	0.032	0.014
	23	0.083	46.790	0.004	1.550	0.035	-	0.036	-
	24	0.081	46.890	0.012	1.670	0.004	-	0.107	0.017
	25	0.530	0.057	-	63.730	0.242	0.027	-	-
	26	0.561	0.086	0.036	63.610	0.230	0.021	0.007	0.016
	27	0.542	-	-	63.780	0.278	-	-	0.013
	28	-	-	0.099	0.624	0.019	-	0.007	0.019
	29	-	0.049	0.074	0.649	0.018	-	-	0.043
	30	-	0.004	0.047	0.683	-	-	1.225	0.115
	82	23.090	-	0.209	0.056	9.050	63.060	0.173	4.410
	83	22.770	-	0.338	0.073	8.870	62.590	0.173	4.510
	84	22.460	-	0.376	0.054	9.360	63.650	0.186	3.890
	85	22.400	0.005	0.260	0.111	9.570	63.600	0.203	3.820
	86	22.340	0.074	0.219	0.070	9.440	63.640	0.086	3.810
	87	23.080	0.030	0.200	0.070	9.110	62.380	0.108	4.660
	88	31.790	0.005	7.590	0.057	1.380	50.440	1.286	0.130
	89	24.730	-	4.420	0.014	7.060	59.050	0.653	0.241
	90	28.820	0.010	7.830	0.070	2.030	48.670	1.280	0.204
	91	22.180	-	0.188	0.033	9.420	63.340	0.100	3.880
	92	25.600	-	0.123	0.056	7.310	58.840	0.074	7.600
	93	25.410	-	0.135	0.037	7.130	58.420	0.104	7.900
	94	23.220	0.089	0.128	0.054	8.990	62.870	0.117	4.660
	95	22.820	0.010	0.150	0.011	9.090	63.190	0.156	4.460
	96	23.100	-	0.123	0.030	9.080	62.650	0.130	4.700
	97	23.370	0.065	0.273	0.056	8.830	62.390	0.152	4.710
	98	22.960	-	0.316	0.068	8.910	62.720	0.147	4.590
	99	22.130	-	0.434	0.046	9.440	63.500	0.195	3.580
	100	22.570	-	0.269	0.029	8.970	62.830	0.078	4.420
	101	23.120	0.055	0.166	-	9.100	62.400	0.065	4.710

Mass percent Group : adam? Sample : 220904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	1	0.015	0.029	0.032	-	100.013	ABST
	2	-	0.047	0.016	-	99.633	ABST
	3	-	0.038	0.031	-	100.042	ABST
	4	47.750	0.012	0.043	-	99.256	MGST
	5	48.080	0.018	0.039	-	99.989	MGST
	6	48.310	0.059	0.024	-	100.395	MGST
	7	-	0.039	-	-	100.052	ALST
	8	-	0.012	-	-	100.843	ALST
	9	-	0.033	-	-	99.660	ALST
	10	0.077	0.029	-	-	100.548	WoST
	11	0.050	0.000	-	-	100.124	WoST
	12	0.012	0.029	-	-	100.693	WoST
	13	-	0.088	-	-	100.153	KST
	14	-	0.138	0.042	-	99.588	KST
	15	-	0.032	0.007	-	99.899	KST
	16	-	0.032	98.750	-	102.723	TIST
	17	-	0.017	98.250	-	102.155	TIST
	18	-	-	99.150	-	102.871	TIST
	19	0.043	0.005	0.012	-	90.610	FEST
	20	0.040	0.002	0.008	-	90.134	FEST
	21	0.090	-	0.011	-	90.492	FEST
	22	0.028	0.031	53.030	-	101.583	MNST
	23	-	-	53.100	-	101.598	MNST
	24	0.039	0.031	53.140	-	101.991	MNST
	25	0.003	0.485	1.750	-	66.825	BAST
	26	-	0.582	1.750	-	66.898	BAST
	27	0.053	0.559	1.780	-	67.006	BAST
	28	0.037	57.820	0.008	-	58.633	ST
	29	0.003	57.260	0.033	-	58.130	ST
	30	0.029	48.820	0.020	-	50.944	ST
	82	-	0.309	0.019	-	100.377	1a602
	83	0.002	0.296	0.014	-	99.636	1a603
	84	0.004	0.284	0.023	-	100.286	1a604
	85	-	0.285	0.043	-	100.297	1a605
	86	0.008	0.268	0.007	-	99.963	1a606
	87	0.021	0.262	0.034	-	99.955	1a607
	88	0.772	0.035	-	-	93.485	1a608
	89	0.395	0.114	0.047	-	96.725	1a609
	90	0.740	0.009	0.028	-	89.691	1a610
	91	0.002	0.240	-	-	99.383	1a611
	92	0.005	0.391	0.005	-	100.004	1a612
	93	-	0.314	0.009	-	99.459	1a613
	94	0.002	0.293	0.060	-	100.483	1a614
	95	-	0.266	0.011	-	100.164	1a615
	96	0.005	0.223	0.004	-	100.045	1a616
	97	0.012	0.287	-	-	100.144	1a617
	98	0.001	0.272	0.014	-	99.997	1a618
	99	-	0.285	-	-	99.610	1a619
	100	-	0.298	0.030	-	99.494	1a620
	101	-	0.308	-	-	99.924	1a621

Mass percent		Group : adam?			Sample : 220904		Page 3		
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
102	22.790	-	0.201	0.073	8.940	62.110	0.104	4.860	
103	22.190	-	0.248	0.043	9.410	63.310	0.138	3.790	
104	23.210	-	0.218	0.043	8.940	62.330	0.191	4.790	
105	23.860	0.050	0.156	0.028	8.610	61.300	0.186	5.440	
106	23.120	-	0.249	0.059	8.680	61.580	0.169	5.070	
107	24.170	0.035	0.228	0.080	8.310	61.090	0.087	5.730	
108	24.700	-	0.111	0.014	8.100	60.570	0.178	6.510	
109	22.940	0.010	0.233	0.066	9.130	62.710	0.134	4.400	
110	22.900	-	0.246	0.066	9.110	63.080	0.108	4.360	
111	22.760	0.025	0.422	0.105	9.050	63.140	0.160	4.480	
112	22.450	-	0.348	0.053	9.410	63.890	0.108	4.090	
113	22.710	0.005	0.394	0.020	9.040	63.110	0.238	4.510	
114	23.070	0.025	0.290	0.085	9.050	63.190	0.261	4.530	
115	22.180	0.040	0.451	0.077	9.090	63.560	0.187	4.060	
116	22.490	-	0.489	0.067	9.310	63.830	0.187	3.960	
117	22.430	0.065	0.452	0.032	9.380	64.240	0.187	3.860	
118	22.630	-	0.386	0.055	9.250	63.570	0.244	4.190	
119	26.690	0.035	3.680	0.028	6.350	58.760	0.139	1.730	
120	24.390	0.055	0.234	-	8.190	61.170	0.148	6.030	
121	24.100	0.030	0.259	-	8.560	61.660	0.231	5.760	
122	23.980	-	0.215	0.065	8.670	61.860	0.174	5.400	
123	23.300	0.040	0.306	0.065	8.940	62.990	0.161	4.760	
124	22.270	-	0.343	0.047	9.480	64.020	0.161	3.750	
125	22.930	0.030	0.314	0.086	9.210	63.140	0.148	4.520	
126	22.640	-	0.196	-	9.360	63.650	0.183	4.190	
127	23.050	-	0.253	0.025	9.230	62.590	0.166	4.530	
128	22.140	-	0.198	0.005	9.730	64.650	0.196	3.570	
129	22.710	0.035	0.330	-	9.190	63.780	0.140	4.080	
130	23.060	0.060	0.292	0.033	9.020	62.950	0.148	4.370	
131	22.810	-	0.164	0.002	9.520	63.570	0.139	4.060	
132	23.240	0.030	0.263	-	8.940	63.140	0.118	4.700	
133	22.670	-	0.353	0.033	9.260	62.940	0.022	4.420	
134	25.170	-	0.224	0.111	7.870	59.860	0.166	6.910	
135	25.240	-	0.211	0.056	7.740	59.850	0.122	7.060	
136	23.370	0.010	0.207	0.049	9.340	62.760	0.113	4.710	
137	22.590	-	1.450	0.023	8.730	63.020	0.131	4.030	
138	24.590	-	0.164	0.061	8.180	60.860	0.009	6.240	
139	23.610	-	0.165	0.009	8.940	63.090	0.131	4.850	
140	23.070	-	0.093	0.026	9.470	63.440	0.105	4.320	
141	23.110	0.045	0.453	0.065	9.380	63.760	0.100	3.270	
142	25.590	0.125	3.040	0.083	6.800	58.410	0.383	1.810	
143	22.940	0.005	0.758	0.010	9.710	63.680	0.061	2.830	
144	22.690	-	0.200	0.028	9.700	63.740	0.191	3.600	
145	24.410	-	2.680	0.033	8.360	61.630	0.226	1.335	
146	21.920	-	1.300	0.041	9.850	64.250	0.044	1.410	

Mass percent Group : adam? Sample : 220904 Page 4

2	No.	MgO	SrO	TiO2	O	Total	Comment		
	102	-	0.249	0.027	-	99.355	1a622		
	103	-	0.300	-	-	99.430	1a623		
	104	-	0.274	-	-	99.995	1a624		
	105	0.009	0.280	0.027	-	99.946	1a625		
	106	0.019	0.283	0.018	-	99.246	1a626		
	107	0.001	0.298	-	-	100.028	1a627		
	108	-	0.264	0.031	-	100.478	1a628		
	109	0.025	0.254	0.008	-	99.909	1a629		
	110	0.013	0.309	0.064	-	100.257	1a630		
	111	-	0.293	-	-	100.435	1a631		
	112	-	0.258	0.041	-	100.649	1a632		
	113	0.002	0.262	0.007	-	100.299	1a633		
	114	-	0.253	-	-	100.754	1a634		
	115	-	0.293	0.001	-	99.939	1a635		
	116	-	0.257	0.007	-	100.597	1a636		
	117	-	0.266	0.003	-	100.914	1a637		
	118	-	0.265	0.048	-	100.638	1a638		
	119	0.039	0.248	-	-	97.700	1a639		
	120	-	0.345	0.040	-	100.601	1a640		
	121	0.003	0.313	-	-	100.916	1a641		
	122	-	0.312	-	-	100.676	1a642		
	123	0.014	0.227	0.016	-	100.820	1a643		
	124	0.003	0.204	0.022	-	100.300	1a644		
	125	-	0.255	0.022	-	100.655	1a645		
	126	0.005	0.302	-	-	100.526	1a646		
	127	-	0.274	0.035	-	100.153	1a647		
	128	-	0.248	0.010	-	100.747	1a648		
	129	0.004	0.298	-	-	100.566	1a649		
	130	-	0.304	0.007	-	100.244	1a650		
	131	0.007	0.261	-	-	100.534	1a651		
	132	-	0.283	0.015	-	100.729	1a652		
	133	0.016	0.277	-	-	99.991	1a653		
	134	0.011	0.408	0.049	-	100.779	1a654		
	135	0.011	0.384	-	-	100.674	1a655		
	136	0.021	0.280	-	-	100.860	1a656		
	137	0.001	0.361	-	-	100.336	1a657		
	138	-	0.288	0.003	-	100.395	1a658		
	139	0.020	0.286	0.010	-	101.111	1a659		
	140	0.005	0.285	0.026	-	100.840	1a660		
	141	0.060	0.300	-	-	100.542	1a661		
	142	0.505	0.176	0.034	-	96.956	1a662		
	143	0.051	0.291	0.005	-	100.340	1a663		
	144	-	0.361	0.009	-	100.520	1a664		
	145	0.056	0.312	0.011	-	99.054	1a665		
	146	0.018	0.322	0.009	-	99.164	1a666		

		Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum		-	-	-	-	-	-	-	-
Maximum		100.700	46.890	15.330	63.780	12.200	68.770	90.410	48.490
Average		20.414	1.509	0.973	2.214	6.350	49.617	3.395	4.459
Sigma		17.412	8.224	2.843	11.179	4.142	24.616	15.873	8.272

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	50.944
Maximum	48.310	57.820	99.150	-	102.871
Average	1.553	1.938	4.863	-	97.286
Sigma	8.441	9.595	19.421	-	9.761

No. of data 95

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Mass percent		Group : adam?		Sample : 170909		Page 1			
1	No.	Al ₂ O ₃	MnO	K ₂ O	BaO	Na ₂ O	SiO ₂	FeO	CaO
	103	18.310	0.029	15.300	0.195	1.011	64.140	0.093	0.060
	104	18.360	0.034	15.330	0.215	1.041	63.790	0.030	0.037
	105	18.530	-	15.580	0.256	1.025	63.960	0.059	0.088
	106	18.220	-	15.130	0.291	1.084	64.230	0.013	0.049
	107	18.410	0.014	14.820	0.374	1.420	63.780	0.063	0.070
	108	18.050	-	15.590	0.390	0.769	63.240	-	0.051
	109	18.450	-	14.980	0.446	1.080	63.200	0.051	0.094
	110	18.600	0.014	14.610	0.450	1.344	62.820	0.038	0.066
	111	18.400	-	15.050	0.603	1.173	63.790	0.093	0.170
	112	18.630	-	13.260	0.706	2.250	64.060	0.046	0.105
	113	18.550	-	15.260	0.852	0.923	63.400	0.042	0.048
	114	18.450	-	14.840	0.594	1.450	64.200	0.025	0.090
	115	18.310	-	13.980	0.585	1.670	63.950	0.004	0.096
	116	18.250	0.043	15.640	0.692	0.818	63.530	0.059	0.054
	117	18.300	0.101	15.250	0.791	0.919	63.400	0.097	0.106
	118	18.330	0.014	15.590	0.883	0.615	63.060	0.072	0.058
	119	18.350	-	15.580	0.897	0.694	63.500	0.025	0.038
	120	18.700	-	14.810	0.985	0.975	63.110	0.118	0.062
	121	18.170	0.014	15.520	1.240	0.688	63.520	0.084	0.018
	122	18.510	-	15.200	0.893	0.933	63.190	0.025	0.037
	123	18.620	0.039	14.770	0.893	1.031	63.510	0.076	0.145
	124	18.520	0.043	15.280	0.915	1.054	63.800	0.059	0.106
	125	18.260	-	15.560	0.314	0.955	64.550	0.164	-
	126	17.990	0.044	15.390	0.233	1.064	64.410	0.143	0.036
	127	18.430	-	15.550	0.141	1.002	64.380	0.059	0.036
	128	18.340	-	15.860	0.165	0.691	64.370	0.063	0.058
	129	17.990	0.048	14.970	0.180	0.884	62.460	0.607	0.069
	130	18.010	-	15.300	0.166	1.051	64.240	0.160	0.063
	131	18.320	-	15.430	0.214	0.877	63.910	0.122	0.012
	132	18.090	-	15.050	0.498	1.123	64.830	0.034	-
	133	18.310	-	15.550	0.403	0.969	64.360	0.063	0.011
	134	18.070	-	15.390	0.427	0.781	63.980	0.067	0.013
	135	18.550	-	14.910	0.453	1.045	63.930	-	0.026
	136	17.980	-	15.670	0.129	0.880	64.550	0.093	0.027
	137	18.130	-	15.510	0.123	0.958	64.730	0.046	0.011
	138	18.020	-	15.930	0.174	0.799	63.810	0.110	-
	139	17.660	0.034	15.670	0.116	0.789	63.840	0.042	-
	140	18.050	0.005	15.790	0.110	0.715	64.560	0.089	0.007
	141	18.160	-	10.620	0.137	4.360	65.170	0.093	0.095
	142	17.890	0.024	15.310	0.073	0.917	63.910	-	0.051
	143	18.010	0.019	15.660	0.100	0.947	64.760	0.080	0.005
	144	18.090	0.034	15.750	0.089	0.741	64.430	0.017	0.023
	145	18.140	-	15.100	0.362	0.956	63.700	0.042	0.010
	146	18.110	-	15.580	0.164	0.829	63.930	0.042	0.002
	147	18.240	-	15.420	0.114	0.940	64.240	0.164	0.010
	148	18.080	0.039	15.260	0.103	0.989	64.980	0.177	0.017
	149	18.010	-	15.920	0.067	0.928	64.840	0.148	0.004
	150	18.110	0.078	15.810	0.154	0.873	64.490	0.059	-
	151	18.220	-	15.880	0.107	0.676	64.760	0.097	-
	152	17.840	-	15.940	0.103	0.908	64.700	0.068	0.024

Pm

Mudde
Zn.

Cora

Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	103	-	0.109	0.015	-	99.261	1a73
	104	0.008	0.112	-	-	98.957	1a74
	105	-	0.067	0.017	-	99.582	1a75
	106	-	0.079	0.005	-	99.101	1a76
	107	-	0.111	-	-	99.062	1a77
	108	-	0.122	0.043	-	98.255	1a78
	109	-	0.120	0.024	-	98.444	1a79
	110	-	0.100	0.051	-	98.093	1a80 Rim
	111	-	0.161	0.016	-	99.456	1a81
	112	-	0.154	0.004	-	99.216	1a82
	113	-	0.072	-	-	99.147	1a83
	114	-	0.126	0.033	-	99.809	1a84
	115	-	0.091	-	-	98.687	1a85
	116	0.010	0.138	-	-	99.234	1a86
	117	-	0.128	0.007	-	99.098	1a87 Middle Zn .
	118	-	0.155	-	-	98.778	1a88
	119	-	0.081	0.036	-	99.201	1a89
	120	-	0.153	0.036	-	98.950	1a90
	121	-	0.053	0.065	-	99.373	1a91
	122	0.003	0.116	0.016	-	98.923	1a92
	123	-	0.196	0.068	-	99.348	1a93
	124	-	0.221	0.003	-	100.002	1a94
	125	-	0.095	0.025	-	99.924	1a95
	126	-	0.076	0.031	-	99.416	1a96
	127	0.002	0.077	-	-	99.678	1a97 Core
	128	-	0.119	0.033	-	99.698	1a98
	129	0.015	0.101	0.033	-	97.357	1a99
	130	0.012	0.153	-	-	99.156	1a100
	131	-	0.090	0.031	-	99.006	1a101
	132	-	0.032	0.028	-	99.684	1a102
	133	0.004	0.143	0.012	-	99.825	1a103
	134	-	0.117	0.027	-	98.872	1a104
	135	-	0.180	0.020	-	99.114	1a105
	136	0.002	0.101	-	-	99.432	1a106
	137	-	0.136	0.044	-	99.688	1a107
	138	-	0.096	0.021	-	98.959	1a108
	139	-	0.108	0.028	-	98.288	1a109
	140	-	0.045	0.016	-	99.386	1a110
	141	-	0.152	0.011	-	98.798	1a111
	142	-	0.091	0.003	-	98.269	1a112
	143	-	0.051	0.004	-	99.637	1a113
	144	-	0.100	-	-	99.273	1a114
	145	0.002	0.102	0.021	-	98.436	1a115
	146	-	0.114	-	-	98.771	1a116
	147	-	0.104	0.029	-	99.262	1a117
	148	-	0.164	0.024	-	99.833	1a118
	149	-	0.055	-	-	99.971	1a119
	150	-	0.032	0.024	-	99.629	1a120
	151	-	0.035	0.023	-	99.797	1a121
	152	-	0.122	-	-	99.705	1a122

Mass percent Group : adam? Sample : 170909 Page 3

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
153	17.700	-	15.800	0.191	0.862	64.650	0.038	-	
154	18.190	0.068	15.600	0.206	1.077	64.510	0.089	0.047	
155	18.450	0.029	15.600	0.201	0.873	64.510	0.122	-	
156	17.900	-	15.310	0.140	1.002	64.690	0.063	0.042	
157	17.880	-	15.570	0.030	0.833	64.680	0.173	0.025	
158	17.460	-	15.300	0.031	0.989	64.140	0.038	0.010	
159	17.960	0.107	15.580	0.024	0.820	64.530	0.127	0.036	
160	18.000	0.073	15.760	0.076	0.659	64.420	0.072	0.009	
161	18.300	-	15.330	0.090	1.119	64.320	0.059	0.045	
162	18.070	0.014	15.440	0.062	1.082	64.620	0.118	0.047	
163	18.370	-	15.600	0.098	0.875	64.680	0.114	0.055	
164	18.110	-	15.460	0.093	0.958	64.200	0.068	0.039	
165	17.860	0.019	15.800	0.136	0.802	64.470	0.059	0.021	
166	17.730	-	15.870	0.058	0.696	64.250	0.051	0.027	
167	18.400	-	15.620	0.110	0.906	64.090	0.059	0.039	
168	17.610	-	15.620	0.189	0.852	64.060	0.126	0.042	
169	18.040	0.024	15.050	0.416	1.190	62.340	0.202	0.020	
170	17.860	0.043	14.440	1.042	1.440	63.240	0.084	0.058	
171	18.530	0.039	14.480	1.073	1.178	63.710	0.059	0.072	
172	18.030	0.058	14.540	1.099	1.265	63.410	0.088	0.053	

2	No.	MgO	SrO	TiO2	O	Total	Comment
153	-	0.049	0.001	-	99.292	1a123	
154	-	0.101	0.016	-	99.903	1a124	
155	-	0.059	0.031	-	99.875	1a125	
156	-	0.089	-	-	99.236	1a126	
157	-	0.120	0.007	-	99.317	1a127	
158	-	0.069	0.041	-	98.078	1a128	
159	0.007	0.060	-	-	99.251	1a129	
160	0.005	0.041	-	-	99.114	1a130	
161	-	0.128	-	-	99.390	1a131	
162	-	0.133	-	-	99.586	1a132	
163	-	0.123	-	-	99.915	1a133	
164	-	0.066	0.032	-	99.025	1a134	
165	-	0.086	0.028	-	99.282	1a135	
166	-	0.105	-	-	98.787	1a136	
167	-	0.110	-	-	99.334	1a137	
168	-	0.034	0.017	-	98.550	1a138	
169	-	0.100	-	-	97.382	1a139	
170	-	0.156	0.062	-	98.425	1a140	
171	-	0.136	0.024	-	99.300	1a141	
172	-	0.149	0.060	-	98.751	1a142	

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	17.460	-	10.620	0.024	0.615	62.340	-	-
Maximum	18.700	0.107	15.940	1.240	4.360	65.170	0.607	0.170
Average	18.180	0.016	15.270	0.356	1.030	64.050	0.083	0.042
Sigma	0.265	0.025	0.735	0.325	0.476	0.597	0.078	0.036

	MgO	SrO	TiO2	O	Total
Minimum	-	0.032	-	-	97.357
Maximum	0.015	0.221	0.068	-	100.002

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Average	0.001	0.105	0.018	-	99.152
Sigma	0.003	0.040	0.018	-	0.570

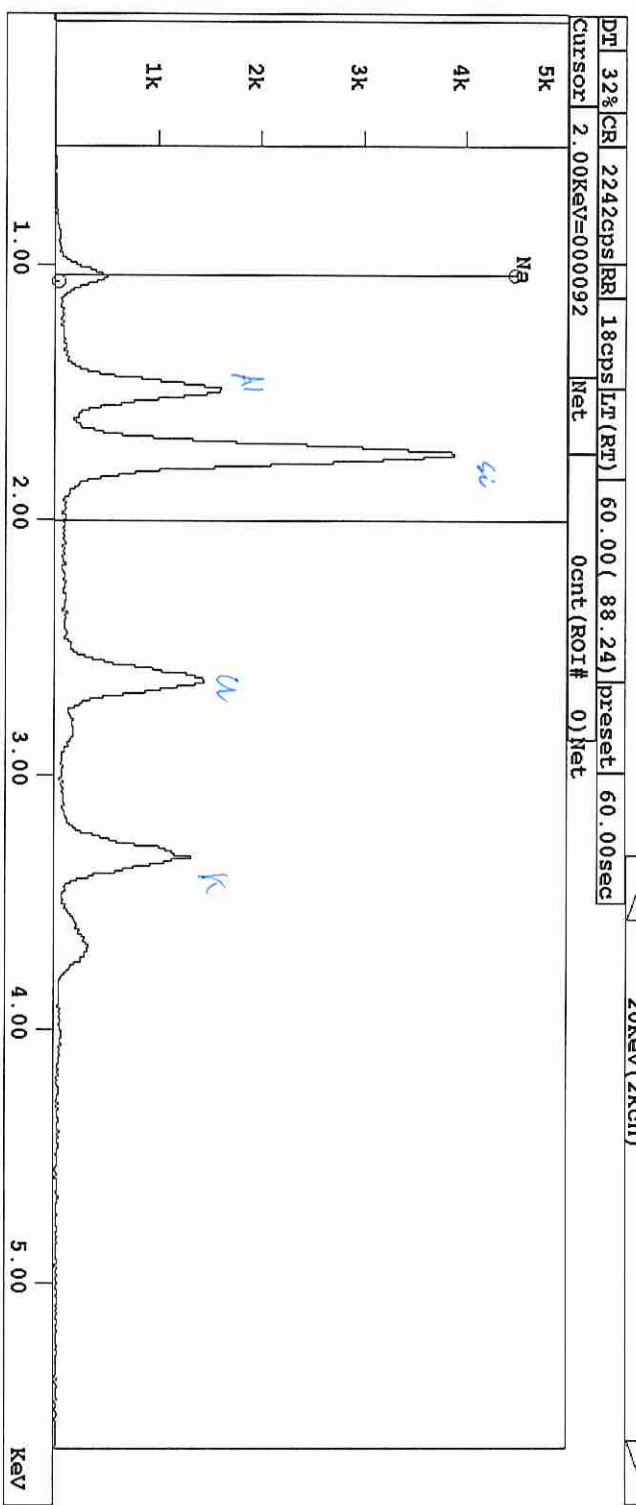
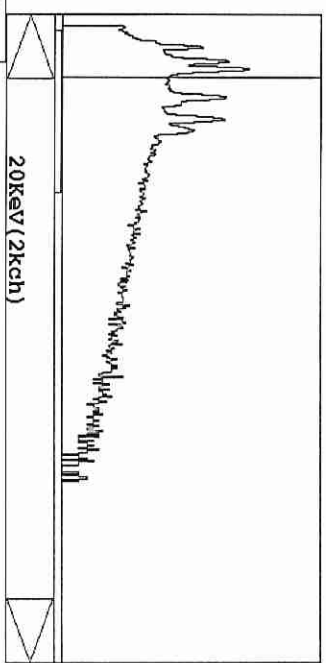
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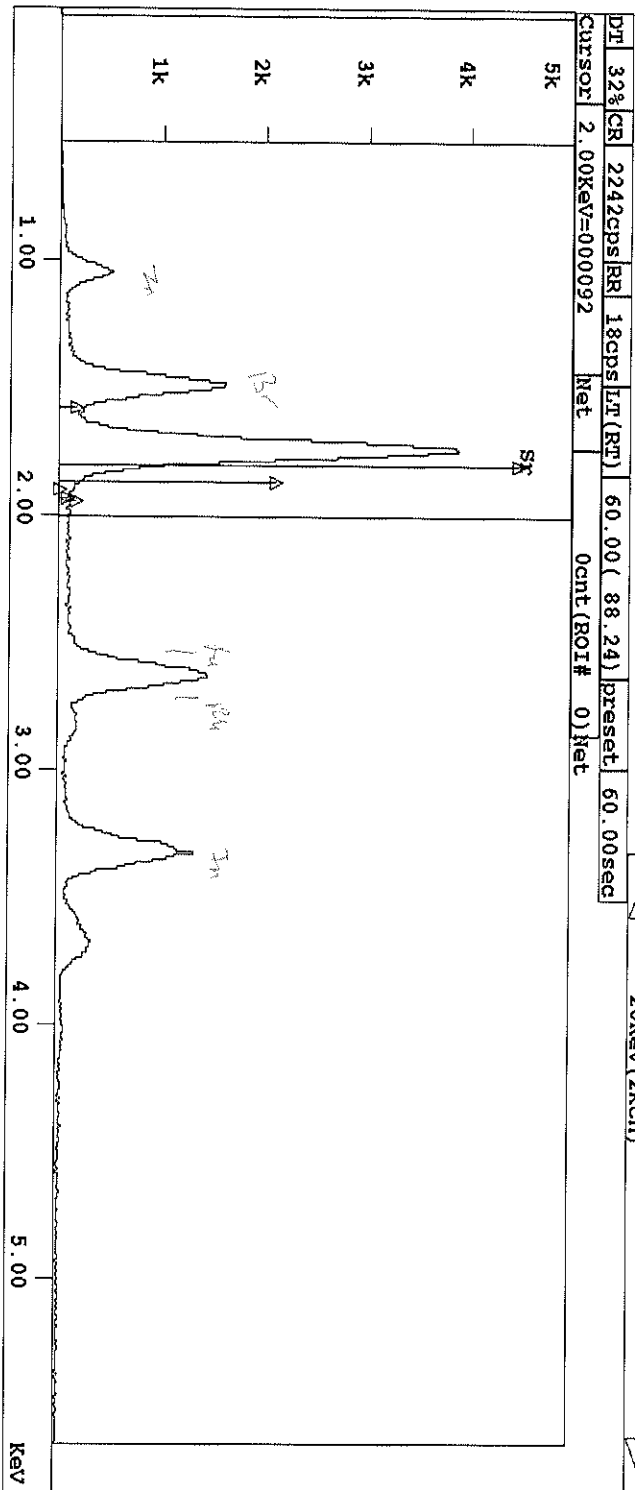
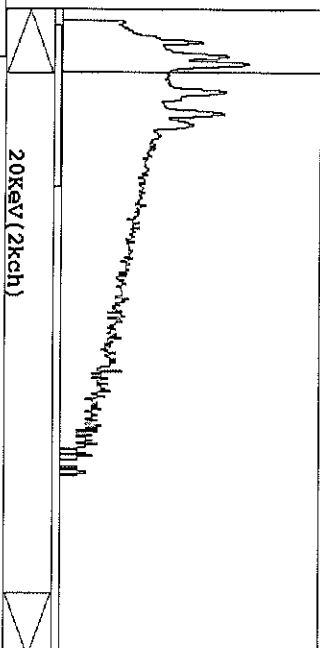
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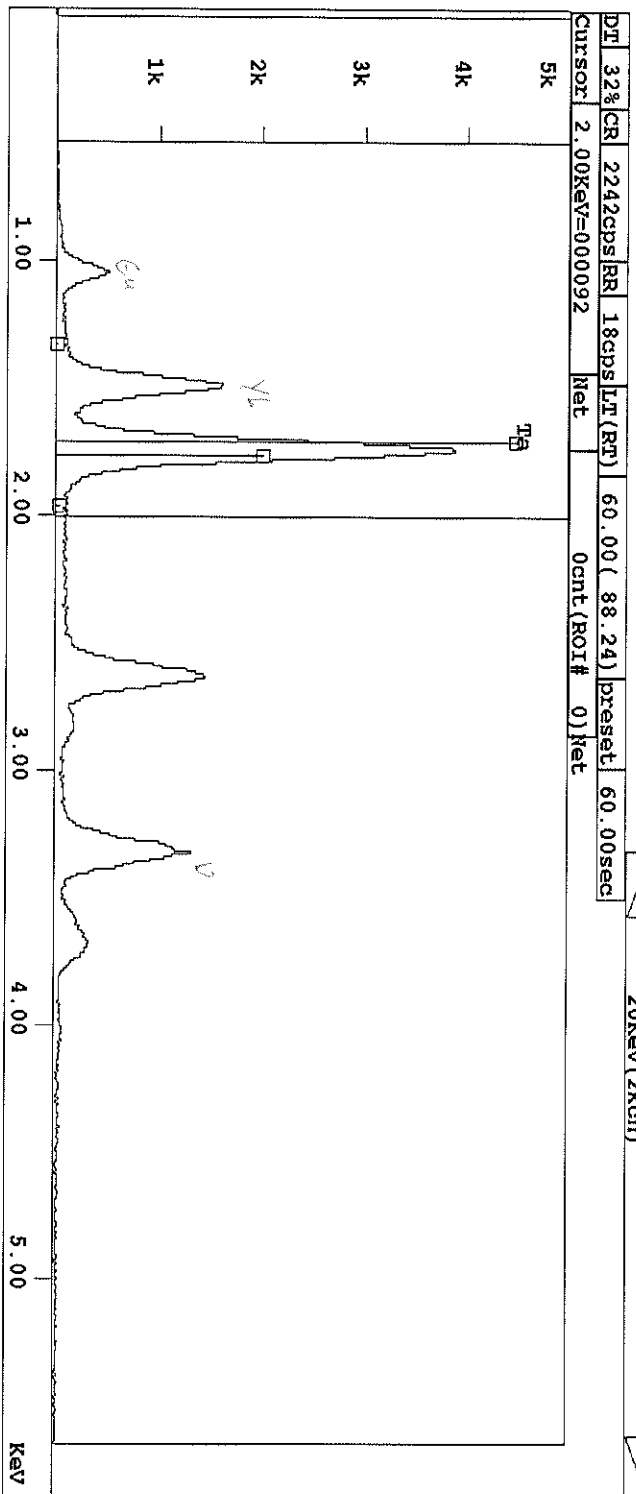
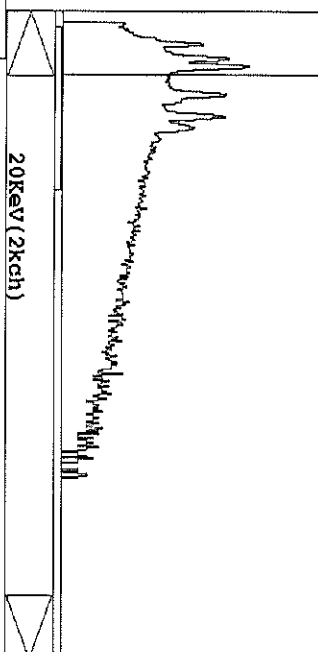
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Sample :
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Group :
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Group :
Sample :
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4th run
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Mass percent		Group : adam?			Sample : 200904			Page 1	
1	No.	Al ₂ O ₃	MnO	K ₂ O	BaO	Na ₂ O	SiO ₂	FeO	CaO
	1	18.980	0.005	0.028	0.047	11.970	68.640	0.021	0.003
	2	18.670	0.019	-	0.011	11.920	68.210	0.054	0.018
	3	18.930	0.048	0.002	0.029	11.830	68.750	0.013	-
	4	0.021	0.299	0.016	-	-	40.570	11.310	0.022
	5	-	0.289	-	0.053	-	40.850	11.190	0.030
	6	-	0.319	0.001	-	0.008	40.620	11.180	-
	7	99.830	0.038	0.005	0.030	0.009	0.006	0.017	0.017
	8	99.590	-	-	0.016	-	-	0.029	-
	9	99.740	0.005	0.011	-	-	0.051	-	-
	10	0.004	0.241	-	0.042	-	51.670	0.393	48.090
	11	0.001	0.159	-	-	-	51.360	0.493	48.260
	12	-	0.255	0.004	0.007	0.018	51.210	0.364	48.280
	13	17.720	0.010	14.900	0.094	1.284	65.060	0.371	0.154
	14	17.680	0.029	15.130	0.084	1.168	65.300	0.413	0.002
	15	17.640	0.101	15.260	0.107	1.132	65.100	0.530	0.023
	16	0.142	0.033	-	3.200	0.028	-	0.798	0.007
	17	0.288	-	0.008	3.190	0.028	0.001	0.547	0.018
	18	0.451	0.060	0.018	3.120	-	-	0.550	0.020
	19	0.007	0.106	0.002	-	-	0.033	89.270	-
	20	-	0.119	0.003	-	-	0.050	89.420	-
	21	0.030	0.140	-	-	0.026	0.052	89.670	-
	22	0.037	47.180	-	1.550	-	-	0.179	0.006
	23	0.056	46.850	0.014	1.560	-	0.005	0.012	0.023
	24	0.081	46.590	0.008	1.540	0.001	0.010	0.066	-
	25	0.576	0.028	0.005	63.660	0.160	-	0.054	0.009
	26	0.539	-	-	63.790	0.298	0.004	-	-
	27	0.570	0.032	-	63.470	0.263	0.071	-	-
	28	-	0.075	0.033	0.340	-	-	-	0.158
	29	-	0.024	0.092	0.553	-	-	-	0.062
	30	-	-	0.050	0.397	-	-	0.031	0.054
	31	18.570	0.005	13.550	0.838	2.100	63.580	0.055	0.149
	32	18.230	-	14.980	0.658	1.002	63.490	0.030	0.090
	33	18.310	-	15.450	0.485	0.974	63.160	0.093	0.095
	34	18.150	-	15.530	0.281	0.939	64.040	0.174	0.079
	35	19.310	-	0.106	0.028	11.080	66.800	0.068	0.528
	36	22.230	0.005	0.735	-	9.580	63.620	0.145	2.380
	37	20.200	-	0.498	0.023	10.520	65.400	0.286	0.573
	38	18.000	0.054	15.300	0.501	1.020	64.310	0.034	0.001
	39	18.430	-	14.550	0.438	1.550	64.150	0.229	0.064
	40	18.320	0.098	16.370	0.899	0.262	63.300	0.136	-
	41	18.130	0.049	16.260	0.572	0.337	63.790	0.161	0.008
	42	18.130	-	16.030	0.591	0.563	63.810	-	0.044
	43	18.330	-	15.720	0.428	0.815	63.690	0.089	0.063
	44	18.320	-	14.270	0.321	1.680	64.180	0.132	0.115
	45	18.240	-	14.030	0.299	1.790	63.130	0.085	0.069
	46	18.230	0.034	14.830	0.346	1.410	64.210	0.119	0.109
	47	17.950	-	15.210	0.294	1.141	64.170	0.157	0.107
	48	18.250	-	15.970	0.353	0.790	63.490	0.153	0.005
	49	18.120	-	16.160	0.361	0.581	63.190	0.072	0.030
	50	18.470	0.054	15.050	0.488	1.210	62.950	0.162	0.143

Mass percent Group : adam? Sample : 200904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	1	-	0.017	-	-	99.710	ABST
	2	0.006	0.067	0.012	-	98.988	ABST
	3	0.004	0.048	0.005	-	99.659	ABST
	4	47.880	0.037	-	-	100.155	MGST
	5	47.830	0.049	-	-	100.292	MGST
	6	48.170	0.023	0.019	-	100.340	MGST
	7	0.005	-	0.017	-	99.973	ALST
	8	0.002	-	0.003	-	99.640	ALST
	9	-	-	-	-	99.807	ALST
	10	0.033	0.060	0.008	-	100.540	WOST
	11	0.034	0.030	0.028	-	100.365	WOST
	12	0.045	0.011	0.046	-	100.241	WOST
	13	-	0.076	-	-	99.669	KST
	14	-	0.045	0.014	-	99.865	KST
	15	-	0.098	0.030	-	100.020	KST
	16	0.005	-	98.180	-	102.393	TIST
	17	-	-	98.320	-	102.399	TIST
	18	0.008	0.004	98.090	-	102.321	TIST
	19	0.070	0.003	0.009	-	89.500	FEST
	20	0.029	-	0.005	-	89.625	FEST
	21	0.057	0.034	-	-	90.010	FEST
	22	-	0.010	52.770	-	101.731	MNST
	23	0.012	0.030	53.040	-	101.600	MNST
	24	0.030	-	53.020	-	101.346	MNST
	25	-	0.489	1.920	-	66.900	BAST
	26	0.021	0.492	1.750	-	66.893	BAST
	27	0.026	0.542	1.850	-	66.824	BAST
	28	0.007	57.670	-	-	58.283	ST
	29	-	58.140	-	-	58.870	ST
	30	-	58.290	0.022	-	58.843	ST
	31	-	0.124	0.131	-	99.102	1a401
	32	-	0.154	0.034	-	98.667	1a402
	33	-	0.075	0.042	-	98.685	1a403
	34	-	0.037	0.008	-	99.239	1a404
	35	0.002	0.066	-	-	97.989	1a405
	36	0.032	0.105	0.031	-	98.863	1a406
	37	0.319	0.116	0.023	-	97.956	1a407
	38	-	0.074	0.013	-	99.306	1a408
	39	-	0.118	0.056	-	99.586	1a409
	40	0.007	0.066	0.024	-	99.482	1a410
	41	-	0.067	0.018	-	99.392	1a411
	42	-	0.096	0.025	-	99.289	1a412
	43	-	0.125	0.051	-	99.311	1a413
	44	-	0.080	0.018	-	99.116	1a414
	45	0.004	0.054	0.038	-	97.739	1a415
	46	0.008	0.053	0.040	-	99.389	1a416
	47	-	0.117	0.009	-	99.155	1a417
	48	-	0.047	-	-	99.057	1a418
	49	-	0.052	0.040	-	98.607	1a419
	50	0.023	0.063	-	-	98.612	1a420

need to find.
 - 211-250V
 - 266-346
 347-349 (350)
 - 351-401V
 210-411

211-250 ok ∴ 240
 OK 411
 data 211 → 400 not
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 2nd 211 (B)
 part 7

Mass percent		Group : adam?			Sample : 200904			Page 3	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
51	19.060	0.034	13.760	0.564	2.000	64.250	0.119	0.172	
52	18.510	0.015	14.030	0.623	1.850	63.840	0.140	0.188	
53	18.350	-	14.700	0.640	1.330	63.510	0.148	0.121	
54	18.250	-	16.250	0.650	0.367	63.210	0.068	0.006	
55	18.280	0.024	16.020	0.680	0.470	63.300	0.123	0.013	
56	18.370	-	15.370	0.502	0.836	63.780	0.064	0.036	
57	18.060	0.020	15.740	0.465	0.651	63.440	0.038	0.038	
58	18.040	-	16.180	0.244	0.576	63.870	0.183	0.016	
59	17.930	-	15.820	0.222	0.523	63.900	0.060	-	
60	17.880	0.005	16.240	0.413	0.456	63.580	0.111	0.014	
61	18.080	0.010	15.990	0.004	0.613	63.880	-	-	
62	18.420	-	15.860	0.047	0.777	63.930	-	0.071	
63	18.020	-	15.650	0.373	0.927	63.870	0.102	0.071	
64	18.260	0.054	15.700	0.669	0.777	64.050	0.136	0.029	
65	18.380	0.054	16.100	0.627	0.449	63.030	0.289	0.023	
66	18.150	-	16.080	0.723	0.364	63.400	0.094	0.007	
67	18.000	-	15.670	0.482	0.800	63.740	0.174	0.037	
68	17.570	-	15.540	0.223	0.705	63.890	0.115	0.016	
69	18.220	-	16.320	0.372	0.372	64.000	0.076	-	
70	21.630	-	0.702	0.043	9.490	63.310	0.115	3.420	
71	22.020	-	0.387	0.060	9.630	63.890	0.158	3.400	
72	22.050	-	0.246	0.047	9.780	63.330	0.184	3.380	
73	21.810	-	0.167	0.050	9.700	63.740	0.111	3.470	
74	21.290	-	0.213	0.007	9.930	64.040	0.184	3.050	
75	24.090	0.049	0.183	0.045	8.090	60.160	0.119	6.370	
76	25.880	0.069	0.836	0.055	6.640	57.690	0.175	6.910	
77	25.780	-	0.152	0.091	6.840	57.500	0.256	8.200	
78	26.500	0.024	2.280	0.097	5.840	56.310	0.809	5.220	
79	21.420	-	0.287	0.017	9.920	64.540	0.192	2.820	
80	21.040	-	0.385	0.028	10.270	65.260	0.342	2.330	
81	18.920	0.005	9.710	0.377	5.000	65.410	0.179	0.251	
82	18.280	0.005	15.910	0.551	0.469	64.140	0.251	0.023	
83	23.820	-	0.227	0.144	7.020	57.310	1.840	5.890	
84	20.360	0.044	0.068	-	10.840	65.920	0.056	1.760	
85	0.503	0.030	0.031	0.012	0.077	97.020	0.940	0.891	
86	14.800	0.079	0.063	0.115	7.520	75.080	0.287	1.640	
87	9.040	0.010	0.052	0.009	4.510	85.600	0.124	1.008	
88	24.370	-	0.983	0.065	7.730	59.470	0.541	4.890	
89	26.210	-	2.310	0.077	5.430	57.040	0.341	7.110	
90	25.850	-	0.485	0.045	7.270	58.090	0.264	7.010	
91	12.740	-	0.048	0.055	7.190	78.440	0.266	0.782	
92	22.150	-	0.151	0.004	9.570	63.180	0.124	3.710	
93	22.090	0.015	0.521	0.007	9.440	63.110	0.243	2.680	
94	21.950	0.015	0.358	0.058	9.740	63.130	0.213	3.420	
95	20.750	-	0.091	0.068	10.250	64.080	0.060	2.260	
96	22.380	0.044	0.530	0.057	9.170	61.920	0.209	3.130	

Mass percent Group : adam? Sample : 200904 Page 4

2	No.	MgO	SrO	TiO2	O	Total	Comment		
	51	0.008	0.062	0.054	-	100.084	1a421		
	52	-	0.059	-	-	99.254	1a422		
	53	0.008	0.118	0.056	-	98.983	1a423		
	54	-	0.062	0.032	-	98.895	1a424		
	55	-	0.121	0.005	-	99.038	1a425		
	56	0.020	0.088	0.023	-	99.088	1a426		
	57	-	0.057	0.020	-	98.530	1a427		
	58	0.008	0.119	0.016	-	99.253	1a428		
	59	-	0.035	0.003	-	98.493	1a429		
	60	-	0.062	0.007	-	98.767	1a430		
	61	-	0.002	-	-	98.579	1a431		
	62	-	0.089	0.005	-	99.200	1a432		
	63	-	0.086	0.044	-	99.144	1a433		
	64	-	0.145	0.058	-	99.877	1a434		
	65	-	0.101	0.048	-	99.101	1a435		
	66	-	0.124	0.038	-	98.979	1a436		
	67	-	0.102	-	-	99.006	1a437		
	68	-	0.067	-	-	98.126	1a438		
	69	-	0.117	-	-	99.477	1a439		
	70	-	0.070	-	-	98.780	1a440		
	71	0.013	0.172	0.051	-	99.780	1a441		
	72	-	0.072	-	-	99.088	1a442		
	73	0.007	0.154	-	-	99.210	1a443		
	74	0.022	0.106	-	-	98.843	1a444		
	75	0.006	0.103	-	-	99.216	1a445		
	76	-	0.212	0.027	-	98.493	1a446		
	77	0.044	0.296	0.020	-	99.178	1a447		
	78	0.410	0.301	0.062	-	97.853	1a448		
	79	0.029	0.113	0.008	-	99.347	1a449		
	80	0.003	0.128	-	-	99.786	1a450		
	81	0.005	0.089	0.043	-	99.988	1a451		
	82	-	0.084	0.023	-	99.735	1a452		
	83	1.649	0.342	0.057	-	98.299	1a453		
	84	-	0.075	-	-	99.123	1a454		
	85	0.506	0.032	0.126	-	100.168	1a455		
	86	-	0.084	0.017	-	99.684	1a456		
	87	-	0.051	0.015	-	100.419	1a457		
	88	0.229	0.285	0.044	-	98.607	1a458		
	89	0.122	0.345	0.005	-	98.990	1a459		
	90	0.034	0.232	0.025	-	99.306	1a460		
	91	0.078	0.060	-	-	99.657	1a461		
	92	-	0.094	-	-	98.983	1a462		
	93	0.284	0.118	0.019	-	98.526	1a463		
	94	0.034	0.097	-	-	99.016	1a464		
	95	0.030	0.210	0.011	-	97.809	1a465		
	96	0.177	0.194	0.032	-	97.844	1a466		

		Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum		-	-	-	-	-	-	-	-
Maximum		99.830	47.180	16.370	63.790	11.970	97.020	89.670	48.280
Average		17.573	1.500	6.673	2.352	3.247	51.305	3.333	2.560
Sigma		17.102	8.193	7.532	11.082	4.072	25.674	15.670	8.471

2nd xtal (B) part 7

2nd xtal (B)
part 2

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	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	58.283
Maximum	48.170	58.290	98.320	-	102.399
Average	1.546	1.913	4.800	-	96.802
Sigma	8.382	10.133	19.231	-	9.098

No. of data 96

Mass percent		Group : adam?			Sample : 170909			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	1	19.090	0.058	0.009	0.027	11.850	69.000	-	0.010
	2	19.270	-	0.011	-	12.040	69.010	0.042	-
	3	19.060	0.024	0.007	0.052	12.010	69.080	-	0.011
	4	0.023	0.268	0.001	-	0.014	40.460	10.990	0.029
	5	0.049	0.339	0.009	0.052	0.023	40.420	11.480	0.021
	6	-	0.172	0.004	-	-	40.730	11.380	0.001
	7	100.550	-	0.007	0.008	0.008	-	0.046	0.009
	8	100.150	-	0.005	-	-	-	-	-
	9	100.230	-	-	0.019	0.013	0.002	-	-
	10	-	0.121	0.054	0.046	0.096	51.190	0.388	48.000
	11	0.013	0.189	0.001	0.029	-	51.400	0.469	48.350
	12	0.008	0.159	0.004	0.003	-	51.460	0.405	48.010
	13	17.870	-	15.130	0.127	1.065	65.270	0.413	0.001
	14	17.740	0.024	15.220	0.101	1.065	65.170	0.476	0.040
	15	17.900	-	14.930	0.173	1.103	65.510	0.384	0.002
	16	0.179	0.023	-	3.070	0.004	-	0.720	0.005
	17	0.139	0.009	-	3.090	0.009	-	0.628	-
	18	0.185	0.005	-	2.960	-	-	0.531	-
	19	0.013	0.034	-	-	-	-	89.970	-
	20	-	0.178	-	-	-	0.130	88.470	-
	21	-	0.153	-	-	0.052	0.062	88.260	-
	22	0.054	47.060	-	1.460	0.013	0.026	0.104	0.014
	23	0.090	46.450	-	1.510	0.027	-	0.101	-
	24	0.056	46.620	0.005	1.540	-	-	0.119	0.010
	25	0.509	-	0.012	63.480	0.234	-	0.010	-
	26	0.582	0.079	-	63.950	0.155	0.108	-	0.014
	27	0.487	0.024	-	63.540	0.152	0.055	-	0.023
	28	-	0.016	-	0.214	-	-	-	0.244
	29	-	-	0.022	0.201	-	-	0.003	0.106
	30	-	-	0.006	0.317	-	-	0.062	0.275
	31	18.330	-	15.550	0.055	1.059	63.160	-	0.003
	32	18.200	-	15.970	0.060	0.692	63.710	0.084	-
	33	18.620	0.024	15.520	0.213	1.034	63.170	0.155	0.062
	34	18.270	-	15.530	0.301	0.807	63.880	0.139	0.056
	35	18.310	-	15.990	0.242	0.638	63.630	0.110	0.080
	36	18.160	0.072	16.520	0.298	0.364	63.490	0.072	0.037
	37	18.280	-	15.350	0.362	1.014	63.470	0.143	0.049
	38	18.500	0.082	15.570	0.405	0.860	63.120	0.101	0.059
	39	18.430	0.005	16.330	0.481	0.391	62.890	0.176	0.002
	40	18.440	-	15.720	0.403	0.805	63.500	0.155	0.073
	41	18.380	-	16.200	0.173	0.582	63.680	0.093	-
	42	18.220	-	16.020	0.162	0.723	63.490	0.164	0.021
	43	18.300	0.034	16.230	0.160	0.692	63.950	0.206	0.028
	44	18.210	0.087	16.300	0.013	0.627	63.600	0.084	-
	45	18.390	-	16.290	0.028	0.661	63.510	0.113	-
	46	18.290	-	16.130	0.157	0.731	61.860	0.101	0.007
	47	18.150	-	16.190	0.019	0.674	62.880	0.025	-
	48	18.420	-	15.840	-	0.865	63.090	0.072	0.015
	49	18.270	0.019	15.960	0.017	0.793	62.950	0.051	-
	50	18.160	-	16.170	0.138	0.446	63.480	0.185	0.062



Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
1	-	-	-	-	-	100.043	ABST
2	-	-	-	0.032	-	100.405	ABST
3	-	-	0.019	0.030	-	100.294	ABST
4	47.940	0.026	0.039	-	-	99.789	MGST
5	47.770	-	0.026	-	-	100.190	MGST
6	47.830	0.026	0.014	-	-	100.157	MGST
7	-	0.020	-	-	-	100.648	ALST
8	-	0.001	-	-	-	100.155	ALST
9	-	0.005	0.003	-	-	100.271	ALST
10	0.004	0.078	0.009	-	-	99.987	WoST
11	0.002	0.011	0.016	-	-	100.479	WoST
12	0.023	0.018	-	-	-	100.091	WoST
13	-	0.048	0.027	-	-	99.951	KST
14	-	0.023	0.017	-	-	99.877	KST
15	-	0.046	0.040	-	-	100.087	KST
16	-	-	98.570	-	-	102.571	TIST
17	0.016	-	98.620	-	-	102.511	TIST
18	-	-	98.410	-	-	102.090	TIST
19	0.115	0.016	0.036	-	-	90.184	FEST
20	0.071	0.037	0.059	-	-	88.946	FEST
21	0.056	-	0.005	-	-	88.587	FEST
22	0.001	0.009	52.760	-	-	101.500	MNST
23	0.038	0.032	52.920	-	-	101.167	MNST
24	0.001	0.020	52.820	-	-	101.192	MNST
25	0.003	0.453	1.900	-	-	66.600	BAST
26	0.017	0.501	1.890	-	-	67.297	BAST
27	0.009	0.554	1.760	-	-	66.603	BAST
28	0.007	58.080	0.015	-	-	58.576	ST
29	-	57.980	0.034	-	-	58.346	ST
30	0.014	58.070	0.007	-	-	58.751	ST
31	-	0.039	-	-	-	98.196	1a1
32	-	0.042	-	-	-	98.758	1a2
33	0.004	0.087	-	-	-	98.890	1a3
34	-	0.065	0.065	-	-	99.114	1a4
35	-	0.064	0.065	-	-	99.130	1a5
36	-	0.063	0.027	-	-	99.102	1a6
37	-	0.095	0.033	-	-	98.796	1a7
38	-	0.053	0.020	-	-	98.770	1a8
39	-	0.146	0.074	-	-	98.925	1a9
40	0.001	0.079	0.025	-	-	99.200	1a10
41	-	0.063	0.019	-	-	99.190	1a11
42	-	0.091	0.016	-	-	98.907	1a12
43	-	-	0.023	-	-	99.622	1a13
44	-	0.056	0.031	-	-	99.008	1a14
45	-	0.085	-	-	-	99.078	1a15
46	-	0.059	0.005	-	-	97.340	1a16
47	-	0.047	0.026	-	-	98.012	1a17
48	0.003	0.038	0.013	-	-	98.357	1a18
49	-	0.054	-	-	-	98.113	1a19
50	-	0.027	-	-	-	98.668	1a20

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Mass percent Group : adam? Sample : 170909 Page 3

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	51	18.650	-	15.130	0.725	1.062	63.120	0.151	0.017
	52	18.860	-	15.020	0.750	1.171	63.300	0.109	0.059
	53	18.610	0.014	15.550	0.720	0.851	63.150	0.084	0.056
	54	18.430	-	15.120	0.377	1.189	63.390	0.130	0.018
	55	18.320	-	16.060	0.140	0.599	63.350	0.093	0.050
	56	18.400	-	15.680	0.067	0.761	63.610	0.114	0.017
	57	18.400	-	15.890	0.075	0.797	63.440	0.088	0.034
	58	18.230	-	16.340	0.051	0.595	63.350	0.042	-
	59	18.300	0.034	16.470	0.092	0.573	64.200	0.046	0.001
	60	18.260	-	14.740	0.674	1.500	64.480	0.076	0.081
	61	18.200	-	16.010	0.038	0.693	64.550	0.118	-
	62	18.490	0.043	14.930	0.756	1.460	64.120	0.227	0.065
	63	18.390	-	15.510	0.741	0.957	63.760	0.063	0.029
	64	18.230	0.048	15.490	0.743	0.986	63.410	0.122	0.161
	65	18.480	-	15.440	0.743	0.911	63.160	0.046	0.213

not put on main map!!

2	No.	MgO	SrO	TiO2	O	Total	Comment
	51	-	0.188	0.020	-	99.062	1a21
	52	-	0.124	0.033	-	99.426	1a22
	53	-	0.147	0.024	-	99.205	1a23
	54	-	0.143	0.017	-	98.815	1a24
	55	-	0.098	-	-	98.709	1a25
	56	-	0.160	-	-	98.809	1a26
	57	-	0.056	0.003	-	98.783	1a27
	58	-	0.011	0.009	-	98.628	1a28
	59	-	0.058	-	-	99.774	1a29
	60	-	0.118	0.086	-	100.015	1a30
	61	-	0.077	-	-	99.686	1a31
	62	-	0.135	0.060	-	100.286	1a32
	63	-	0.157	0.046	-	99.654	1a33
	64	0.020	0.142	0.048	-	99.400	1a34
	65	-	0.149	0.013	-	99.155	1a35

not put on main map!!

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	100.550	47.060	16.520	63.950	12.040	69.080	89.970	48.350
Average	16.259	2.192	9.203	3.328	1.054	44.615	4.757	2.254
Sigma	20.485	9.869	7.822	13.391	2.458	28.363	18.802	10.168

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	58.346
Maximum	47.940	58.080	98.620	-	102.571
Average	2.215	2.755	7.090	-	95.722
Sigma	10.116	12.257	23.131	-	10.956

No. of data 65

ST 4-5 for fe as it
was re-calib
RUN

Mass percent		Group : adam?			Sample : 210904			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	1	19.580	0.044	0.010	-	11.730	68.150	0.026	-
	2	19.220	0.010	0.009	0.004	11.960	68.660	0.013	-
	3	19.110	0.010	-	0.077	11.960	68.330	0.090	-
	4	-	0.321	-	0.055	0.022	40.580	10.930	0.003
	5	-	0.307	-	0.013	0.030	40.120	10.940	0.006
	6	-	0.331	0.011	-	0.010	40.280	10.980	0.001
	7	99.910	-	0.002	-	-	-	-	0.006
	8	99.500	-	0.003	0.042	-	0.027	0.004	0.012
	9	99.580	-	0.001	0.002	0.010	0.025	-	0.008
	10	-	0.217	0.001	0.078	0.010	51.430	0.311	48.340
	11	0.014	0.173	-	0.010	-	51.300	0.452	48.620
	12	0.009	0.089	0.011	0.029	-	50.940	0.482	48.440
	13	17.680	-	15.230	0.130	1.143	64.750	0.536	0.012
	14	17.880	-	15.490	0.145	1.081	64.880	0.391	0.012
	15	17.770	-	15.160	0.078	1.151	64.980	0.532	-
	16	0.120	0.014	-	2.970	-	-	0.704	0.022
	17	0.170	-	-	3.040	-	-	0.687	-
	18	0.112	-	0.014	2.970	-	0.005	0.603	-
	19	0.010	0.117	0.011	0.021	0.003	0.045	88.500	-
	20	-	0.065	0.023	-	0.045	0.056	88.440	-
	21	0.042	0.108	-	-	-	0.058	88.800	-
	22	0.069	46.660	-	1.610	-	0.002	0.137	0.014
	23	0.093	45.480	0.002	1.570	-	0.019	0.070	-
	24	0.036	46.550	0.006	1.590	0.030	0.011	0.074	-
	25	0.058	46.200	-	1.590	0.023	-	0.023	0.006
	26	0.083	46.620	-	1.580	-	0.006	0.090	-
	27	0.091	46.460	0.003	1.620	0.006	-	0.113	-
	28	0.068	46.710	-	1.520	0.001	0.064	0.191	0.012
	29	0.063	46.530	0.014	1.540	-	-	0.156	0.046
	30	0.056	46.080	0.016	1.570	-	0.032	0.144	0.023

Ba & Gr run again
as Mn stand
occasionally
run
instead

Mass percent Group : adam? Sample : 210904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	1	-	-	0.015	-	99.555	ABST
	2	0.007	0.046	0.005	-	99.935	ABST
	3	-	0.005	-	-	99.582	ABST
	4	47.640	0.005	0.054	-	99.610	MGST
	5	47.560	0.039	-	-	99.016	MGST
	6	47.980	0.001	0.023	-	99.618	MGST
	7	-	-	0.042	-	99.960	ALST
	8	-	0.035	0.004	-	99.627	ALST
	9	-	0.003	-	-	99.629	ALST
	10	0.027	0.062	-	-	100.475	WoST
	11	0.047	0.055	0.041	-	100.712	WoST
	12	0.022	0.054	0.028	-	100.104	WoST
	13	0.002	0.036	0.026	-	99.546	KST
	14	-	0.045	-	-	99.926	KST
	15	-	0.083	0.043	-	99.797	KST
	16	0.030	-	98.860	-	102.720	TIST
	17	-	-	98.470	-	102.367	TIST
	18	-	-	99.150	-	102.853	TIST
	19	0.057	0.031	0.046	-	88.841	FEST
	20	0.068	0.024	-	-	88.720	FEST
	21	0.047	0.018	-	-	89.074	FEST
	22	0.021	-	52.930	-	101.442	MNST
	23	0.006	-	53.110	-	100.350	MNST
	24	-	0.022	53.210	-	101.529	MNST
	25	-	-	53.690	-	101.590	BAST
	26	0.023	-	53.130	-	101.533	BAST
	27	-	0.015	53.330	-	101.639	BAST
	28	0.012	0.020	52.770	-	101.369	ST
	29	0.023	0.008	53.110	-	101.490	ST
	30	0.002	-	52.680	-	100.602	ST

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	99.910	46.710	15.490	3.040	11.960	68.660	88.800	48.620
Average	13.711	13.970	1.534	0.795	1.307	22.492	10.147	4.853
Sigma	30.072	21.572	4.665	1.023	3.602	28.903	26.790	14.787

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	88.720
Maximum	47.980	0.083	99.150	-	102.854
Average	4.786	0.020	25.826	-	99.440
Sigma	14.558	0.023	34.579	-	3.725

No. of data 30

Mass percent		Group : adam?			Sample : 210904			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	1	19.580	0.044	0.010	-	11.730	68.150	0.026	-
	2	19.220	0.010	0.009	0.004	11.960	68.660	0.013	-
	3	19.110	0.010	-	0.077	11.960	68.330	0.090	-
	4	-	0.321	-	0.055	0.022	40.580	10.930	0.003
	5	-	0.307	-	0.013	0.030	40.120	10.940	0.006
	6	-	0.331	0.011	-	0.010	40.280	10.980	0.001
	7	99.910	-	0.002	-	-	-	-	0.006
	8	99.500	-	0.003	0.042	-	0.027	0.004	0.012
	9	99.580	-	0.001	0.002	0.010	0.025	-	0.008
	10	-	0.217	0.001	0.078	0.010	51.430	0.311	48.340
	11	0.014	0.173	-	0.010	-	51.300	0.452	48.620
	12	0.009	0.089	0.011	0.029	-	50.940	0.482	48.440
	13	17.680	-	15.230	0.130	1.143	64.750	0.536	0.012
	14	17.880	-	15.490	0.145	1.081	64.880	0.391	0.012
	15	17.770	-	15.160	0.078	1.151	64.980	0.532	-
	16	0.120	0.014	-	2.970	-	-	0.704	0.022
	17	0.170	-	-	3.040	-	-	0.687	-
	18	0.112	-	0.014	2.970	-	0.005	0.603	-
	19	0.010	0.117	0.011	0.021	0.003	0.045	88.500	-
	20	-	0.065	0.023	-	0.045	0.056	88.440	-
	21	0.042	0.108	-	-	-	0.058	88.800	-
	22	0.069	46.660	-	1.610	-	0.002	0.137	0.014
	23	0.093	45.480	0.002	1.570	-	0.019	0.070	-
	24	0.036	46.550	0.006	1.590	0.030	0.011	0.074	-
	25	0.058	46.200	-	1.590	0.023	-	0.023	0.006
	26	0.083	46.620	-	1.580	-	0.006	0.090	-
	27	0.091	46.460	0.003	1.620	0.006	-	0.113	-
	28	0.068	46.710	-	1.520	0.001	0.064	0.191	0.012
	29	0.063	46.530	0.014	1.540	-	-	0.156	0.046
	30	0.056	46.080	0.016	1.570	-	0.032	0.144	0.023

Mass percent Group : adam? Sample : 210904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	1	-	-	0.015	-	99.555	ABST
	2	0.007	0.046	0.005	-	99.935	ABST
	3	-	0.005	-	-	99.582	ABST
	4	47.640	0.005	0.054	-	99.610	MGST
	5	47.560	0.039	-	-	99.016	MGST
	6	47.980	0.001	0.023	-	99.618	MGST
	7	-	-	0.042	-	99.960	ALST
	8	-	0.035	0.004	-	99.627	ALST
	9	-	0.003	-	-	99.629	ALST
	10	0.027	0.062	-	-	100.475	WoST
	11	0.047	0.055	0.041	-	100.712	WoST
	12	0.022	0.054	0.028	-	100.104	WoST
	13	0.002	0.036	0.026	-	99.546	KST
	14	-	0.045	-	-	99.926	KST
	15	-	0.083	0.043	-	99.797	KST
	16	0.030	-	98.860	-	102.720	TIST
	17	-	-	98.470	-	102.367	TIST
	18	-	-	99.150	-	102.853	TIST
	19	0.057	0.031	0.046	-	88.841	FEST
	20	0.068	0.024	-	-	88.720	FEST
	21	0.047	0.018	-	-	89.074	FEST
	22	0.021	-	52.930	-	101.442	MNST
	23	0.006	-	53.110	-	100.350	MNST
	24	-	0.022	53.210	-	101.529	MNST
	25	-	-	53.690	-	101.590	BAST
	26	0.023	-	53.130	-	101.533	BAST
	27	-	0.015	53.330	-	101.639	BAST
	28	0.012	0.020	52.770	-	101.369	ST
	29	0.023	0.008	53.110	-	101.490	ST
	30	0.002	-	52.680	-	100.602	ST

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	99.910	46.710	15.490	3.040	11.960	68.660	88.800	48.620
Average	13.711	13.970	1.534	0.795	1.307	22.492	10.147	4.853
Sigma	30.072	21.572	4.665	1.023	3.602	28.903	26.790	14.787

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	88.720
Maximum	47.980	0.083	99.150	-	102.854
Average	4.786	0.020	25.826	-	99.440
Sigma	14.558	0.023	34.579	-	3.725

No. of data 30

Mass percent		Group : adam?			Sample : 170909			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
341	22.210	-	0.298	0.094	9.460	64.100	0.214	3.400	
342	21.770	-	0.325	0.066	9.580	64.350	0.218	3.280	
343	21.740	0.010	0.716	0.027	9.280	64.340	0.243	3.190	
344	22.010	0.053	0.268	0.042	9.530	63.290	0.222	3.360	
345	26.940	0.062	0.268	0.089	6.320	56.350	0.231	8.780	
346	24.300	0.101	0.265	0.112	8.250	60.880	0.160	5.580	
347	24.080	-	0.258	0.108	8.430	61.050	0.159	5.460	
348	26.790	-	0.188	0.062	6.330	57.260	0.255	8.790	
349	26.850	0.005	0.175	0.047	6.420	57.150	0.151	8.740	
350	23.710	0.010	0.281	0.128	8.530	62.210	0.100	5.070	
351	22.370	-	0.316	-	9.190	63.490	0.214	3.510	
352	25.930	0.029	0.107	0.038	6.740	57.610	0.439	8.230	
353	24.990	0.029	0.170	0.117	7.130	59.320	0.364	7.270	
354	24.710	0.034	0.198	0.077	7.800	59.400	0.360	5.900	
355	23.200	-	0.294	0.107	9.010	62.680	0.268	4.080	
356	21.010	0.038	0.098	0.060	9.810	65.940	0.159	2.520	
357	20.870	-	0.190	0.018	10.480	66.300	0.172	1.740	
358	22.010	-	0.724	-	9.520	64.430	0.054	1.820	
359	20.980	0.010	0.095	0.035	10.500	66.040	0.088	1.830	
360	20.060	0.014	0.083	0.059	10.810	65.800	0.841	1.410	
361	2.900	0.293	0.060	0.046	1.720	9.950	0.257	47.120	
362	20.610	0.024	0.097	0.005	10.320	65.520	0.193	2.060	
363	19.870	0.038	0.079	0.033	10.900	66.850	0.310	1.223	
364	20.220	-	0.063	0.103	9.980	67.520	0.260	1.177	
365	15.480	-	0.078	0.062	8.280	75.540	0.256	1.316	
366	18.420	-	15.820	0.567	0.650	64.450	0.025	0.042	
367	20.740	0.034	3.060	0.181	8.940	65.560	0.017	1.630	
368	18.240	-	15.110	0.563	1.099	64.670	0.121	0.156	
369	21.480	0.005	0.082	0.053	10.220	65.280	0.101	2.590	
370	18.230	-	15.810	0.236	0.856	64.770	0.058	0.102	
371	18.270	-	15.480	0.196	1.096	64.420	0.113	0.022	
372	18.310	0.019	15.560	0.148	1.032	64.860	0.079	0.041	
373	18.370	0.082	15.230	0.083	1.165	64.990	0.017	0.034	
374	18.210	-	15.540	0.138	1.006	64.630	0.200	0.024	
375	18.510	-	15.530	0.076	0.835	63.070	-	0.056	
376	18.400	0.067	15.870	0.171	0.829	64.380	0.129	-	
377	18.370	-	15.620	0.114	0.925	64.710	0.117	0.045	
378	18.090	-	15.610	0.130	1.000	64.980	0.150	0.011	
379	18.400	-	15.300	0.428	1.057	64.130	0.063	0.052	
380	18.220	-	14.430	0.680	1.600	64.820	0.046	0.063	
381	18.770	-	15.010	0.562	1.189	64.890	0.133	0.053	
382	18.180	0.034	15.070	0.188	1.281	64.450	0.083	0.036	
383	18.570	-	14.080	0.137	2.250	65.280	0.108	0.050	
384	18.150	-	15.220	0.119	1.180	64.820	0.134	0.037	
385	18.260	-	15.590	0.055	1.030	64.700	0.075	0.059	
386	18.290	-	16.110	0.259	0.578	64.270	0.067	0.006	
387	18.540	0.010	14.890	0.696	1.520	64.850	0.117	0.029	
388	18.340	-	13.420	0.637	2.480	64.970	0.117	0.112	
389	18.390	0.067	15.500	0.389	1.037	64.360	0.104	0.043	
390	18.570	0.072	15.310	0.568	0.993	64.220	0.067	0.018	

Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	341	-	0.154	0.034	-	99.963	1a251
	342	-	0.101	0.039	-	99.730	1a252
	343	0.005	0.115	0.013	-	99.679	1a253
	344	-	0.205	-	-	98.980	1a254
	345	0.008	0.318	0.036	-	99.402	1a255
	346	-	0.299	-	-	99.947	1a256
	347	-	0.332	-	-	99.876	1a257
	348	0.015	0.348	0.054	-	100.092	1a258
	349	0.002	0.317	0.036	-	99.892	1a259
	350	-	0.232	0.037	-	100.308	1a260
	351	0.022	0.136	0.004	-	99.252	1a261
	352	0.018	0.396	-	-	99.537	1a262
	353	0.011	0.462	0.032	-	99.894	1a263
	354	0.006	0.301	0.054	-	98.839	1a264
	355	0.053	0.264	0.004	-	99.960	1a265
	356	-	0.050	-	-	99.686	1a266
	357	0.040	0.132	0.042	-	99.984	1a267
	358	0.217	0.090	0.043	-	98.909	1a268
	359	0.032	0.171	0.010	-	99.790	1a269
	360	0.025	0.156	0.008	-	99.268	1a270
	361	0.077	0.001	-	-	62.424	1a271
	362	0.148	0.140	-	-	99.117	1a272
	363	0.096	0.118	-	-	99.518	1a273
	364	0.271	0.077	0.017	-	99.689	1a274
	365	0.012	0.031	0.017	-	101.073	1a275
	366	0.002	0.064	-	-	100.041	1a276
	367	0.026	0.110	-	-	100.297	1a277
	368	-	0.110	-	-	100.069	1a278
	369	0.039	0.104	-	-	99.954	1a279
	370	-	0.086	-	-	100.148	1a280
	371	-	0.116	0.008	-	99.720	1a281
	372	-	0.087	-	-	100.135	1a282
	373	0.003	0.102	0.003	-	100.078	1a283
	374	-	0.064	0.017	-	99.829	1a284
	375	0.003	0.096	0.046	-	98.223	1a285
	376	-	0.069	-	-	99.915	1a286
	377	-	0.069	0.028	-	99.998	1a287
	378	-	0.079	0.013	-	100.064	1a288
	379	-	0.087	0.009	-	99.526	1a289
	380	-	0.093	0.083	-	100.035	1a290
	381	-	0.075	0.026	-	100.709	1a291
	382	-	0.107	-	-	99.429	1a292
	383	0.001	0.084	0.003	-	100.564	1a293
	384	-	0.120	0.010	-	99.790	1a294
	385	-	0.137	0.053	-	99.960	1a295
	386	-	0.104	-	-	99.683	1a296
	387	-	0.074	0.001	-	100.726	1a297
	388	-	0.069	0.012	-	100.156	1a298
	389	-	0.119	0.009	-	100.018	1a299
	390	0.007	0.149	0.041	-	100.014	1a300

Mass percent		Group : adam?		Sample : 170909		Page 3			
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
391	18.430	0.048	14.770	0.385	1.540	64.690	0.146	0.032	
392	18.490	0.101	16.400	0.214	0.425	64.820	0.088	0.034	
393	19.240	-	0.601	0.008	11.450	68.100	0.067	0.249	
394	17.790	0.024	15.860	0.027	0.841	64.610	0.083	0.013	
395	17.600	-	15.520	0.185	0.863	64.200	0.071	0.021	
396	18.130	-	16.020	0.182	0.574	64.940	0.063	0.021	
397	18.190	-	15.960	0.150	0.684	64.770	0.071	-	
398	18.240	-	15.580	0.152	0.998	64.840	0.108	-	
399	18.100	-	15.020	0.036	1.333	64.910	0.100	0.079	
400	18.460	-	15.480	-	1.029	64.940	0.221	0.013	
401	18.000	0.010	15.340	-	1.006	64.740	0.079	0.029	
402	18.240	0.010	15.690	0.002	0.983	64.890	0.033	0.021	
403	18.240	-	13.080	-	2.730	65.290	0.046	0.073	
404	18.240	-	15.690	0.000	1.019	64.750	0.013	0.031	
405	18.140	0.019	15.850	0.056	0.923	64.880	0.096	-	
406	17.820	-	15.730	-	0.791	65.010	0.138	0.015	
407	18.540	-	13.870	0.010	2.250	64.940	0.071	0.009	
408	18.470	-	15.830	0.008	0.832	63.900	0.092	0.019	
409	18.320	-	16.020	0.071	0.635	62.690	0.117	0.028	
410	18.300	-	16.340	0.019	0.458	64.480	0.017	0.009	
411	18.280	0.062	15.390	0.071	0.854	64.490	0.096	-	
412	18.780	-	15.190	0.410	1.039	64.140	0.137	0.016	
413	18.290	0.019	15.730	0.263	0.774	64.920	0.033	0.009	
414	18.410	-	15.720	0.176	0.871	64.880	0.096	0.036	
415	18.260	0.029	15.960	0.450	0.429	63.820	0.033	-	
416	17.770	0.014	15.930	0.279	0.730	64.610	0.108	-	
417	18.320	-	15.130	0.378	1.166	64.120	0.112	0.058	
418	18.310	0.014	15.410	0.415	1.074	64.670	0.138	0.054	
419	18.520	0.005	15.310	0.375	0.918	64.940	0.121	0.024	
420	18.330	0.067	15.520	0.464	0.969	64.520	0.108	0.073	
421	18.360	-	15.230	0.321	1.064	64.520	0.146	0.043	
422	18.360	-	15.750	0.442	0.760	64.160	0.058	0.013	
423	18.190	0.005	15.570	0.097	0.771	64.740	0.163	-	
424	18.410	0.110	14.630	0.218	1.620	64.230	0.100	0.036	
425	18.380	-	15.700	0.206	0.937	65.250	0.121	0.016	
426	18.440	0.048	15.750	0.113	0.829	63.590	0.171	0.032	
427	20.080	0.038	0.105	0.007	10.750	65.530	2.150	0.924	
428	19.980	-	0.108	0.007	10.950	66.660	0.209	1.191	
429	18.200	-	15.840	0.015	0.793	65.150	0.054	-	
430	18.310	0.105	15.780	-	0.760	64.800	0.087	-	
431	18.210	-	16.130	0.007	0.614	64.690	0.213	0.004	
432	18.240	0.029	15.680	0.211	0.727	64.290	0.017	0.012	
433	18.090	-	16.050	0.051	0.739	64.770	0.146	0.046	
434	17.590	-	15.770	0.046	0.462	61.060	0.138	1.770	
435	18.020	-	15.690	0.029	0.813	64.860	0.133	-	
436	18.160	0.043	15.980	0.080	0.771	64.870	0.129	0.052	
437	18.240	0.024	15.360	0.534	0.858	64.490	0.137	0.063	
438	18.170	0.033	15.980	0.602	0.744	63.940	0.112	0.034	
439	17.910	-	15.790	0.137	0.820	64.700	0.108	0.059	
440	18.380	-	13.450	0.543	2.230	64.390	0.112	0.099	

Mass percent Group : adam? Sample : 170909 Page 4

2	No.	MgO	SrO	TiO2	O	Total	Comment
	391	-	0.121	0.047	-	100.209	1a301
	392	-	0.044	-	-	100.615	1a302
	393	0.004	0.079	0.033	-	99.830	1a303
	394	-	0.130	0.005	-	99.383	1a304
	395	-	0.085	0.013	-	98.558	1a305
	396	-	0.078	0.024	-	100.030	1a306
	397	-	0.105	0.020	-	99.950	1a307
	398	-	0.067	-	-	99.986	1a308
	399	0.009	0.101	0.051	-	99.739	1a309
	400	-	0.150	0.008	-	100.300	1a310
	401	-	0.076	-	-	99.279	1a311
	402	-	0.114	-	-	99.982	1a312
	403	0.007	0.099	-	-	99.565	1a313
	404	-	0.110	0.028	-	99.880	1a314
	405	-	0.053	-	-	100.017	1a315
	406	-	0.108	-	-	99.611	1a316
	407	-	0.071	-	-	99.762	1a317
	408	-	0.112	0.071	-	99.333	1a318
	409	-	0.057	0.021	-	97.958	1a319
	410	-	0.087	0.037	-	99.747	1a320
	411	0.004	0.098	0.016	-	99.360	1a321
	412	0.008	0.130	0.045	-	99.895	1a322
	413	-	0.062	0.055	-	100.155	1a323
	414	-	0.120	0.037	-	100.346	1a324
	415	-	0.085	0.018	-	99.085	1a325
	416	-	0.080	0.009	-	99.531	1a326
	417	-	0.147	0.060	-	99.492	1a327
	418	-	0.143	0.053	-	100.281	1a328
	419	-	0.168	-	-	100.380	1a329
	420	-	0.126	0.042	-	100.219	1a330
	421	-	0.126	0.005	-	99.815	1a331
	422	-	0.131	-	-	99.674	1a332
	423	-	0.116	0.008	-	99.659	1a333
	424	-	0.108	-	-	99.463	1a334
	425	-	0.068	0.012	-	100.690	1a335
	426	-	0.057	-	-	99.029	1a336
	427	0.019	0.065	-	-	99.668	1a337
	428	0.024	0.060	-	-	99.190	1a338
	429	-	0.080	-	-	100.132	1a339
	430	-	0.107	0.008	-	99.958	1a340
	431	-	0.026	-	-	99.894	1a341
	432	-	0.102	-	-	99.308	1a342
	433	-	0.065	-	-	99.958	1a343
	434	-	0.097	0.014	-	96.946	1a344
	435	-	0.062	-	-	99.607	1a345
	436	-	0.076	0.001	-	100.164	1a346
	437	-	0.056	-	-	99.762	1a347
	438	-	0.119	-	-	99.734	1a348
	439	-	0.086	0.041	-	99.651	1a349
	440	-	0.099	-	-	99.304	1a350

Mass percent		Group : adam?			Sample : 170909			Page 5	
1	No.	Al ₂ O ₃	MnO	K ₂ O	BaO	Na ₂ O	SiO ₂	FeO	CaO
441	12.140	0.029	0.566	-	-	5.910	74.300	0.130	1.420
442	21.020	0.029	0.111	-	-	10.140	64.920	0.109	2.820
443	21.110	0.005	0.116	0.039	0.039	9.860	64.260	0.146	3.160
444	21.250	0.053	0.115	0.046	0.046	9.730	63.750	0.121	3.280
445	21.280	-	0.220	0.022	0.022	9.940	64.070	0.130	3.220
446	21.260	-	0.226	0.057	0.057	9.550	63.320	0.426	1.460
447	21.690	0.029	0.195	0.169	0.169	9.670	63.990	0.226	3.540
448	20.750	-	0.985	0.006	0.006	9.860	64.400	0.004	2.190
449	20.690	-	0.152	0.052	0.052	10.540	65.380	0.163	2.230
450	0.026	0.014	0.012	0.006	0.006	0.019	100.310	0.034	0.035
451	21.850	-	0.165	0.026	0.026	9.580	63.760	0.134	3.330
452	21.960	0.029	0.546	0.022	0.022	9.650	63.910	0.134	2.650
453	21.760	0.153	0.243	0.027	0.027	9.600	63.760	0.255	3.640
454	22.380	0.043	0.412	0.231	0.231	9.340	63.360	0.226	3.330
455	21.250	-	1.280	0.046	0.046	9.970	63.980	1.006	0.965
456	20.740	-	0.318	0.064	0.064	10.350	65.030	0.527	1.860
457	21.970	0.053	2.170	0.259	0.259	9.000	64.010	0.347	1.214
458	21.120	0.038	1.610	0.094	0.094	9.050	64.300	0.313	2.190
459	20.860	-	1.770	0.060	0.060	9.560	65.320	0.334	0.963
460	22.770	-	2.950	0.203	0.203	8.290	62.970	0.230	0.945
461	19.980	0.067	7.350	0.406	0.406	5.910	64.640	0.025	1.080
462	18.980	-	11.890	1.820	1.820	2.710	62.680	0.104	0.782
463	19.630	0.005	7.990	0.634	0.634	5.760	64.220	0.146	0.976
464	21.890	0.029	0.148	0.021	0.021	9.610	63.760	0.167	3.450
465	18.090	-	15.010	1.290	1.290	0.808	63.130	0.058	0.080
466	17.970	-	14.220	0.835	0.835	1.690	63.460	0.100	0.201
467	18.820	-	12.560	1.400	1.400	2.600	63.710	0.054	0.422
468	18.620	-	9.940	0.652	0.652	4.720	65.240	0.033	0.223
469	20.230	0.019	3.500	0.159	0.159	8.450	64.690	0.063	1.450
470	18.700	0.144	10.490	0.500	0.500	3.830	63.470	0.150	0.720
471	18.290	0.029	13.070	0.738	0.738	2.400	64.220	-	0.307
472	18.260	0.019	14.820	0.871	0.871	1.264	63.460	0.100	0.052
473	18.160	0.076	15.590	0.740	0.740	0.721	63.780	0.067	0.001
474	18.740	-	13.970	0.785	0.785	1.790	63.350	0.141	0.234
475	18.450	0.014	15.290	0.697	0.697	1.022	64.070	0.104	0.043
476	17.940	0.010	14.410	0.495	0.495	1.540	64.250	0.154	0.101
477	19.400	0.029	3.320	0.190	0.190	9.040	66.290	0.075	0.898
478	18.320	-	14.940	0.409	0.409	1.307	64.240	0.092	0.059
479	18.240	-	16.160	0.478	0.478	0.293	63.970	0.104	0.005
480	15.310	0.239	13.240	0.480	0.480	0.641	54.910	0.262	7.630
481	18.050	-	15.940	0.311	0.311	0.499	64.070	0.017	-
482	18.250	-	15.910	0.367	0.367	0.497	64.390	0.117	0.026
483	17.980	-	15.800	0.141	0.141	0.697	64.300	0.100	0.020
484	18.150	-	15.830	0.192	0.192	0.837	63.690	0.079	0.009
485	18.270	-	15.960	0.348	0.348	0.424	64.060	0.021	-
486	18.550	-	14.850	0.938	0.938	1.328	63.520	0.071	0.092
487	18.180	0.014	15.470	0.396	0.396	0.803	64.230	0.104	-
488	18.370	-	15.280	0.420	0.420	0.947	63.820	0.200	-
489	18.160	0.014	15.650	0.465	0.465	0.723	64.120	0.167	0.004
490	18.530	0.005	14.620	0.712	0.712	1.305	63.630	0.104	0.067

Mass percent Group : adam? Sample : 170909 Page 6

2	No.	MgO	SrO	TiO2	O	Total	Comment
	441	0.027	0.047	0.009	-	94.578	1a351
	442	-	0.135	0.017	-	99.301	1a352
	443	0.004	0.150	0.016	-	98.865	1a353
	444	0.023	0.132	0.027	-	98.527	1a354
	445	0.004	0.133	0.024	-	99.042	1a355
	446	1.180	0.127	-	-	97.606	1a356
	447	-	0.172	0.051	-	99.731	1a357
	448	0.021	0.043	-	-	98.259	1a358
	449	0.007	0.093	0.001	-	99.309	1a359
	450	0.014	-	0.030	-	100.500	1a360
	451	0.035	0.148	-	-	99.028	1a361
	452	-	0.110	0.027	-	99.038	1a362
	453	0.013	0.140	0.018	-	99.609	1a363
	454	0.097	0.266	-	-	99.685	1a364
	455	0.155	0.150	0.022	-	98.826	1a365
	456	0.149	0.124	0.038	-	99.201	1a366
	457	0.110	0.210	-	-	99.343	1a367
	458	0.144	0.205	0.051	-	99.115	1a368
	459	0.081	0.172	0.025	-	99.145	1a369
	460	0.054	0.137	-	-	98.548	1a370
	461	0.001	0.112	0.022	-	99.594	1a371
	462	0.088	0.288	0.044	-	99.385	1a372
	463	0.037	0.122	0.007	-	99.526	1a373
	464	0.016	0.123	-	-	99.214	1a374
	465	0.030	0.138	-	-	98.634	1a375
	466	0.022	0.066	0.035	-	98.600	1a376
	467	-	0.254	-	-	99.820	1a377
	468	-	0.120	0.007	-	99.555	1a378
	469	0.045	0.063	0.071	-	98.739	1a379
	470	0.053	0.093	0.024	-	98.173	1a380
	471	-	0.082	0.034	-	99.170	1a381
	472	0.001	0.198	0.060	-	99.105	1a382
	473	-	0.105	0.035	-	99.276	1a383
	474	-	0.191	0.009	-	99.211	1a384
	475	-	0.166	0.030	-	99.887	1a385
	476	-	0.116	0.016	-	99.032	1a386
	477	0.021	0.078	0.008	-	99.348	1a387
	478	-	0.120	0.033	-	99.519	1a388
	479	-	0.039	0.018	-	99.307	1a389
	480	0.033	0.093	0.030	-	92.867	1a390
	481	0.018	0.051	0.071	-	99.027	1a391
	482	-	0.037	0.046	-	99.639	1a392
	483	-	0.160	0.001	-	99.199	1a393
	484	0.001	0.125	-	-	98.912	1a394
	485	-	0.041	0.062	-	99.187	1a395
	486	-	0.182	0.028	-	99.558	1a396
	487	-	0.079	0.008	-	99.284	1a397
	488	0.007	0.091	0.055	-	99.190	1a398
	489	0.008	0.110	0.026	-	99.447	1a399
	490	0.007	0.095	0.063	-	99.139	1a400

		Al2O3	MnO	K2O	BaO	Na2O	SiO2 FeO CaO

Minimum	0.026	-	0.012	-	0.019	9.950	-	-
Maximum	26.940	0.293	16.400	1.820	11.450	100.310	2.150	47.120
Average	19.202	0.021	9.917	0.245	3.948	64.110	0.157	1.473
Sigma	3.001	0.041	7.053	0.293	3.966	5.767	0.208	4.241

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	62.424
Maximum	1.180	0.462	0.083	-	101.073
Average	0.025	0.122	0.019	-	99.238
Sigma	0.103	0.073	0.021	-	3.159

No. of data 150

Mass percent Group : adam? Sample : 170909 Page 1

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	202	18.530	-	16.170	0.071	0.798	65.290	0.017	0.013
	203	18.500	0.019	15.630	0.057	0.966	65.470	0.110	0.039
	204	18.370	0.034	15.730	0.060	0.910	65.550	0.089	0.029
	205	18.580	0.039	15.640	0.062	0.860	64.720	0.034	0.052
	206	18.460	-	15.510	0.010	0.985	65.320	0.089	0.040
	207	18.550	-	15.770	0.073	0.892	65.630	0.182	0.014
	208	18.640	-	16.160	0.086	0.696	64.200	0.135	0.007
	209	18.630	-	15.490	0.083	1.100	65.120	0.046	0.046
	210	18.400	0.223	15.540	0.077	0.996	65.120	0.181	0.053
	211	18.440	0.010	15.520	0.112	1.071	65.330	0.114	0.041
	212	18.120	0.010	16.160	0.114	0.684	65.560	0.203	0.029
	213	18.840	-	15.560	0.130	0.934	64.890	0.030	0.065
	214	18.240	0.019	15.840	0.101	0.840	65.040	0.004	0.058
	215	18.510	0.024	15.860	0.115	0.961	65.290	0.114	0.036
	216	18.470	-	16.140	0.180	0.660	65.360	0.080	0.031
	217	18.200	-	16.480	0.281	0.380	65.040	0.042	0.039
	218	18.710	-	15.730	0.122	0.996	65.240	0.105	0.031
	219	18.470	0.068	16.000	0.182	0.686	65.240	0.105	0.017

2	No.	MgO	SrO	TiO2	O	Total	Comment
	202	-	0.047	0.052	-	100.987	1a142
	203	0.020	0.051	0.003	-	100.865	1a143
	204	-	0.020	-	-	100.792	1a144
	205	0.001	0.008	-	-	99.995	1a145
	206	-	0.004	-	-	100.418	1a146
	207	-	0.004	0.005	-	101.120	1a147
	208	-	0.078	-	-	100.001	1a148
	209	-	0.082	0.016	-	100.613	1a149
	210	-	0.053	-	-	100.642	1a150
	211	-	0.037	0.011	-	100.685	1a151
	212	-	0.041	0.045	-	100.966	1a152
	213	-	0.027	-	-	100.474	1a153
	214	-	0.087	0.029	-	100.259	1a154
	215	-	0.122	0.041	-	101.073	1a155
	216	-	0.115	0.028	-	101.064	1a156
	217	-	0.102	-	-	100.565	1a157
	218	-	0.070	0.008	-	101.012	1a158
	219	-	0.125	0.060	-	100.953	1a159

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	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	18.120	-	15.490	0.010	0.380	64.200	0.004	0.007
Maximum	18.840	0.223	16.480	0.281	1.100	65.630	0.203	0.065
Average	18.481	0.025	15.829	0.106	0.856	65.189	0.093	0.036
Sigma	0.177	0.053	0.292	0.061	0.179	0.341	0.058	0.016

	MgO	SrO	TiO2	O	Total
Minimum	-	0.004	-	-	99.995
Maximum	0.020	0.125	0.060	-	101.120
Average	0.001	0.060	0.017	-	100.694
Sigma	0.005	0.040	0.021	-	0.355

No. of data 18

Mass percent		Group : adam?			Sample : 170909		Page 1		
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	160	18.000	0.073	15.760	0.076	0.659	64.420	0.072	0.009
	161	18.300	-	15.330	0.090	1.119	64.320	0.059	0.045
	162	18.070	0.014	15.440	0.062	1.082	64.620	0.118	0.047
	163	18.370	-	15.600	0.098	0.875	64.680	0.114	0.055
	164	18.110	-	15.460	0.093	0.958	64.200	0.068	0.039
	165	17.860	0.019	15.800	0.136	0.802	64.470	0.059	0.021
	166	17.730	-	15.870	0.058	0.696	64.250	0.051	0.027
	167	18.400	-	15.620	0.110	0.906	64.090	0.059	0.039
	168	17.610	-	15.620	0.189	0.852	64.060	0.126	0.042
	169	18.040	0.024	15.050	0.416	1.190	62.340	0.202	0.020
	170	17.860	0.043	14.440	1.042	1.440	63.240	0.084	0.058
	171	18.530	0.039	14.480	1.073	1.178	63.710	0.059	0.072
	172	19.450	0.058	0.005	0.007	11.690	67.930	0.021	-
	173	19.440	-	0.013	0.041	11.660	67.820	0.021	0.005
	174	18.960	0.005	0.025	0.020	12.080	69.040	0.068	-
	175	0.024	0.408	-	0.006	0.008	40.900	11.210	0.020
	176	0.028	0.341	0.005	-	0.011	40.380	11.670	0.012
	177	-	0.351	0.015	-	-	40.460	11.200	-
	178	100.270	-	0.016	0.037	-	0.014	-	-
	179	99.840	0.043	0.014	-	0.029	-	0.008	-
	180	100.660	-	0.011	0.051	0.001	0.011	-	0.007
	181	-	0.161	0.008	0.011	0.011	50.910	0.376	48.130
	182	-	0.185	-	0.042	0.017	51.380	0.325	48.150
	183	0.004	0.136	0.006	-	0.002	51.430	0.346	48.370
	184	17.910	-	15.170	-	1.067	64.830	0.455	0.018
	185	17.770	-	15.530	0.089	1.060	64.780	0.489	0.028
	186	17.750	-	15.110	0.067	1.094	65.110	0.506	0.044
	187	0.084	-	0.001	2.980	-	0.051	0.613	0.007
	188	0.157	0.033	-	2.920	-	-	0.557	-
	189	0.154	-	-	2.790	0.007	0.006	0.564	-
	190	-	0.021	-	-	-	0.029	90.290	-
	191	-	0.034	-	-	0.013	-	89.340	-
	192	0.029	-	-	-	-	0.034	89.460	-
	193	0.086	45.900	-	1.600	-	0.002	0.186	-
	194	0.072	46.150	-	1.540	-	-	0.158	0.004
	195	0.102	46.700	-	1.560	-	0.020	0.073	0.010
	196	0.562	0.040	0.007	63.420	0.167	-	-	-
	197	0.522	0.020	0.009	63.240	0.212	0.097	-	0.016
	198	0.544	0.004	0.005	63.000	0.185	-	-	-
	199	-	-	0.006	0.131	-	-	-	0.326
	200	-	0.008	0.017	0.036	-	-	0.093	0.150
	201	-	0.076	0.016	-	-	-	0.052	0.200
	202	18.530	-	16.170	0.071	0.798	65.290	0.017	0.013
	203	18.500	0.019	15.630	0.057	0.966	65.470	0.110	0.039
	204	18.370	0.034	15.730	0.060	0.910	65.550	0.089	0.029
	205	18.580	0.039	15.640	0.062	0.860	64.720	0.034	0.052
	206	18.460	-	15.510	0.010	0.985	65.320	0.089	0.040
	207	18.550	-	15.770	0.073	0.892	65.630	0.182	0.014
	208	18.640	-	16.160	0.086	0.696	64.200	0.135	0.007
	209	18.630	-	15.490	0.083	1.100	65.120	0.046	0.046

Mass percent

Group : adam?

Sample : 170909

Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	160	0.005	0.041	-	-	99.114	1a130
	161	-	0.128	-	-	99.390	1a131
	162	-	0.133	-	-	99.586	1a132
	163	-	0.123	-	-	99.915	1a133
	164	-	0.066	0.032	-	99.025	1a134
	165	-	0.086	0.028	-	99.282	1a135
	166	-	0.105	-	-	98.787	1a136
	167	-	0.110	-	-	99.334	1a137
	168	-	0.034	0.017	-	98.550	1a138
	169	-	0.100	-	-	97.382	1a139
	170	-	0.156	0.062	-	98.425	1a140
	171	-	0.136	0.024	-	99.300	1a141
	172	-	0.064	-	-	99.225	ABST
	173	-	-	-	-	99.001	ABST
	174	-	0.013	-	-	100.210	ABST
	175	47.620	0.047	-	-	100.244	MGST
	176	47.670	0.012	0.024	-	100.152	MGST
	177	47.730	0.004	0.004	-	99.763	MGST
	178	0.013	0.024	-	-	100.374	ALST
	179	-	0.032	0.026	-	99.992	ALST
	180	-	0.008	-	-	100.749	ALST
	181	0.038	-	0.001	-	99.647	WoST
	182	0.022	0.024	0.023	-	100.169	WoST
	183	0.045	-	0.022	-	100.361	WoST
	184	-	0.069	0.017	-	99.538	KST
	185	-	0.049	0.072	-	99.867	KST
	186	-	0.075	0.013	-	99.770	KST
	187	-	0.019	98.900	-	102.654	TIST
	188	-	0.008	98.970	-	102.644	TIST
	189	-	0.028	98.660	-	102.208	TIST
	190	0.061	0.037	0.026	-	90.466	FEST
	191	-	-	0.020	-	89.408	FEST
	192	0.033	-	0.007	-	89.562	FEST
	193	0.020	0.022	53.420	-	101.237	MNST
	194	0.014	0.002	52.820	-	100.760	MNST
	195	0.016	0.014	52.960	-	101.455	MNST
	196	0.023	0.539	1.820	-	66.577	BAST
	197	-	0.493	1.910	-	66.519	BAST
	198	-	0.518	1.900	-	66.156	BAST
	199	-	57.890	0.008	-	58.361	ST
	200	-	58.430	0.026	-	58.760	ST
	201	-	58.110	0.008	-	58.462	ST
	202	-	0.047	0.052	-	100.987	1a142
	203	0.020	0.051	0.003	-	100.865	1a143
	204	-	0.020	-	-	100.792	1a144
	205	0.001	0.008	-	-	99.995	1a145
	206	-	0.004	-	-	100.418	1a146
	207	-	0.004	0.005	-	101.120	1a147
	208	-	0.078	-	-	100.001	1a148
	209	-	0.082	0.016	-	100.613	1a149

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Mass percent		Group : adam?		Sample : 170909		Page 3			
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	210	18.400	0.223	15.540	0.077	0.996	65.120	0.181	0.053
	211	18.440	0.010	15.520	0.112	1.071	65.330	0.114	0.041
	212	18.120	0.010	16.160	0.114	0.684	65.560	0.203	0.029
	213	18.840	-	15.560	0.130	0.934	64.890	0.030	0.065
	214	18.240	0.019	15.840	0.101	0.840	65.040	0.004	0.058
	215	18.510	0.024	15.860	0.115	0.961	65.290	0.114	0.036
	216	18.470	-	16.140	0.180	0.660	65.360	0.080	0.031
	217	18.200	-	16.480	0.281	0.380	65.040	0.042	0.039
	218	18.710	-	15.730	0.122	0.996	65.240	0.105	0.031
	219	18.470	0.068	16.000	0.182	0.686	65.240	0.105	0.017
	220	18.490	-	16.040	0.258	0.661	64.530	0.139	0.002
	221	18.570	-	16.440	0.107	0.405	63.650	0.143	0.018
	222	18.530	-	16.270	0.008	0.640	64.420	0.055	0.020
	223	18.580	-	16.090	0.238	0.601	64.730	0.042	-
	224	18.480	-	16.140	0.065	0.663	64.440	0.059	0.004
	225	18.470	0.097	16.460	0.098	0.466	64.260	0.046	0.015
	226	18.290	0.039	15.690	-	0.801	65.330	0.063	0.031
	227	18.390	-	15.700	0.033	0.933	65.440	0.198	0.051
	228	18.630	0.068	15.490	0.052	0.997	64.760	0.068	0.004
	229	18.740	0.029	15.810	0.127	0.929	65.140	0.093	0.038
	230	18.580	0.014	16.070	0.048	0.892	65.090	0.072	-
	231	18.540	-	15.970	-	0.931	64.970	0.143	0.020
	232	18.510	0.078	15.850	0.036	0.908	64.530	0.025	-
	233	18.460	0.049	16.570	0.145	0.390	65.550	0.013	-
	234	18.720	0.068	15.950	-	0.893	65.040	0.185	0.008
	235	18.600	-	15.820	0.067	0.799	64.420	0.072	0.012
	236	18.480	-	16.300	0.122	0.636	65.030	0.122	-
	237	18.530	0.034	15.890	0.057	0.945	65.230	0.089	0.005
	238	18.210	-	16.200	-	0.720	65.480	0.148	0.007
	239	18.430	-	15.740	-	1.149	65.110	0.017	0.017
	240	18.440	-	15.700	0.038	0.955	65.420	0.084	0.073
	241	18.770	-	15.280	0.047	1.190	65.300	0.101	0.055
	242	18.610	-	15.370	0.032	0.659	65.780	0.051	0.010
	243	18.250	0.019	16.280	0.107	0.389	64.840	0.105	-
	244	18.500	0.019	15.560	0.059	1.102	65.720	0.072	0.030
	245	18.590	0.078	16.060	0.031	0.658	65.300	0.135	-
	246	18.650	-	16.350	0.014	0.676	65.680	0.089	0.019
	247	17.950	-	16.490	0.063	0.463	64.340	0.160	0.019
	248	18.230	-	16.030	0.029	0.766	65.500	0.017	0.051
	249	18.600	0.010	16.200	0.039	0.558	65.040	0.089	0.040
	250	18.400	-	16.250	0.060	0.579	64.950	0.143	-
	251	18.270	0.063	15.760	0.035	0.974	65.140	0.139	-
	252	18.540	-	15.370	0.093	1.039	65.730	0.156	0.056
	253	18.710	0.029	15.490	0.136	0.920	65.940	0.055	0.026
	254	18.850	0.005	15.290	0.316	1.159	64.820	0.042	0.104
	255	18.340	0.068	15.440	0.190	0.931	65.770	0.173	0.028
	256	18.790	0.044	15.730	0.209	1.098	65.240	0.164	0.077
	257	18.580	-	15.430	0.171	1.175	65.360	0.097	0.106
	258	18.860	0.005	15.210	0.133	1.028	63.780	-	0.063
	259	18.580	-	15.050	0.107	1.318	65.800	0.194	0.058

Mass percent Group : adam? Sample : 170909 Page 5

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	260	18.170	-	15.110	0.141	1.125	65.290	0.072	0.077
	261	18.360	0.019	15.330	0.084	1.390	65.810	0.068	0.060
	262	18.110	0.092	15.510	0.142	1.106	65.540	0.076	0.051
	263	18.370	0.014	15.770	0.069	0.749	65.600	0.076	0.082
	264	18.080	-	15.280	0.056	1.270	65.520	0.135	0.046
	265	18.210	-	16.200	0.140	0.656	65.010	0.156	0.017
	266	18.660	0.005	15.610	0.021	0.900	65.480	0.076	0.070
	267	18.410	0.029	15.480	0.054	1.180	65.480	0.072	0.042
	268	18.780	-	15.950	0.117	0.915	65.360	0.093	-
	269	18.500	-	15.600	0.032	1.201	65.490	0.131	0.022
	270	22.450	0.015	0.278	0.029	9.690	65.200	0.195	3.590

2	No.	MgO	SrO	TiO2	O	Total	Comment
	260	0.018	0.073	-	-	100.074	1a200
	261	-	0.062	-	-	101.182	1a201
	262	-	0.057	0.052	-	100.735	1a202
	263	-	0.072	0.017	-	100.820	1a203
	264	0.002	0.096	-	-	100.486	1a204
	265	0.007	0.059	0.005	-	100.461	1a205
	266	-	0.031	0.019	-	100.872	1a206
	267	-	0.097	0.044	-	100.888	1a207
	268	-	0.101	-	-	101.316	1a208
	269	-	0.053	-	-	101.030	1a209
	270	0.006	0.101	0.053	-	101.607	1a210

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	100.660	46.700	16.570	63.420	12.080	69.040	90.290	48.370
Average	17.214	1.282	11.769	1.921	1.078	53.508	2.845	1.367
Sigma	15.665	7.529	6.867	10.277	2.031	24.080	14.656	7.851

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	58.361
Maximum	47.730	58.430	98.970	-	102.655
Average	1.292	1.638	4.169	-	98.084
Sigma	7.765	9.461	18.050	-	8.809

No. of data 111

STANDARD →

Run No

3

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Mass percent		Group : adam?			Sample : 170909			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	311	19.280	0.044	0.032	0.026	11.710	68.010	0.025	0.012
	312	19.260	-	0.043	-	11.860	67.940	0.042	0.031
	313	19.180	0.019	0.023	-	11.840	67.900	0.119	0.035
	314	0.005	0.269	0.072	0.029	0.094	39.950	11.560	0.011
	315	0.035	0.206	0.014	0.001	0.014	40.390	11.630	-
	316	0.028	0.283	0.043	-	0.047	40.470	11.770	0.013
	317	100.100	-	0.004	0.005	0.017	0.020	-	-
	318	100.240	0.043	0.012	0.022	0.008	0.030	-	0.012
	319	100.220	-	0.003	0.028	-	-	0.029	-
	320	-	0.234	-	0.054	0.019	51.480	0.439	48.350
	321	-	0.180	0.005	0.048	0.025	51.370	0.317	47.920
	322	-	0.219	0.016	-	0.025	51.240	0.431	48.110
	323	17.680	0.029	15.230	0.073	1.084	64.570	0.359	-
	324	17.450	-	15.450	0.071	0.994	64.710	0.380	0.001
	325	17.750	0.053	15.230	0.130	1.140	65.140	0.481	-
	326	0.112	-	-	2.980	0.022	-	0.633	0.028
	327	0.128	-	0.005	3.020	-	-	0.722	0.018
	328	0.091	0.061	0.007	2.910	-	0.027	0.645	0.019
	329	-	0.081	-	0.059	0.005	0.027	88.690	-
	330	0.065	0.094	-	-	-	0.152	88.150	-
	331	0.033	0.197	-	-	-	0.082	88.960	-
	332	0.033	45.770	-	1.670	-	0.012	0.162	0.006
	333	0.108	45.480	0.011	1.720	-	0.025	0.116	-
	334	0.054	45.700	0.014	1.710	-	0.010	0.039	0.019
	335	0.606	-	0.013	63.000	0.282	0.073	0.123	-
	336	0.560	0.016	-	63.210	0.212	0.039	0.041	0.003
	337	0.555	0.096	0.002	63.420	0.186	0.084	0.082	-
	338	-	0.004	-	0.072	0.014	-	0.034	0.239
	339	-	-	0.021	0.387	0.024	-	0.069	0.188
	340	-	-	0.013	0.318	0.009	-	0.048	0.197

Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	311	-	0.026	-	-	99.164	ABST
	312	0.006	-	-	-	99.183	ABST
	313	0.016	-	-	-	99.132	ABST
	314	47.690	0.045	0.031	-	99.756	MGST
	315	47.770	0.021	-	-	100.082	MGST
	316	47.600	0.002	0.027	-	100.283	MGST
	317	0.011	0.017	-	-	100.173	ALST
	318	-	-	-	-	100.366	ALST
	319	-	-	-	-	100.280	ALST
	320	0.039	0.080	-	-	100.695	WoST
	321	0.054	0.037	-	-	99.957	WoST
	322	0.054	0.077	0.014	-	100.185	WoST
	323	0.001	0.067	0.007	-	99.100	KST
	324	-	0.088	0.039	-	99.183	KST
	325	-	0.021	-	-	99.944	KST
	326	-	0.015	98.650	-	102.439	TIST
	327	-	-	98.610	-	102.502	TIST
	328	-	0.009	99.090	-	102.859	TIST
	329	0.122	0.011	0.002	-	88.997	FEST
	330	0.074	-	-	-	88.535	FEST
	331	0.109	0.012	-	-	89.392	FEST
	332	-	0.058	52.870	-	100.581	MNST
	333	-	0.005	52.650	-	100.115	MNST
	334	0.053	0.023	52.680	-	100.303	MNST
	335	-	0.520	1.810	-	66.428	BAST
	336	0.014	0.506	1.860	-	66.460	BAST
	337	0.006	0.518	1.960	-	66.909	BAST
	338	-	58.190	0.041	-	58.593	ST
	339	0.037	57.970	0.034	-	58.730	ST
	340	0.005	58.230	-	-	58.820	ST

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	100.240	45.770	15.450	63.420	11.860	68.010	88.960	48.350
Average	13.786	4.636	1.542	6.832	1.321	22.458	10.203	4.840
Sigma	30.203	13.905	4.666	19.138	3.568	28.828	26.805	14.676

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	58.593
Maximum	47.770	58.230	99.090	-	102.859
Average	4.789	5.885	15.346	-	91.638
Sigma	14.544	17.713	32.464	-	15.260

No. of data 30

*previous standard
run by Benk?*

Mass percent

Group : adam?

Sample : 170909

Page 1

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	1	19.090	0.058	0.009	0.027	11.850	69.000	-	0.010
	2	19.270	-	0.011	-	12.040	69.010	0.042	-
	3	19.060	0.024	0.007	0.052	12.010	69.080	-	0.011
	4	0.023	0.268	0.001	-	0.014	40.460	10.990	0.029
	5	0.049	0.339	0.009	0.052	0.023	40.420	11.480	0.021
	6	-	0.172	0.004	-	-	40.730	11.380	0.001
	7	100.550	-	0.007	0.008	0.008	-	0.046	0.009
	8	100.150	-	0.005	-	-	-	-	-
	9	100.230	-	-	0.019	0.013	0.002	-	-
	10	-	0.121	0.054	0.046	0.096	51.190	0.388	48.000
	11	0.013	0.189	0.001	0.029	-	51.400	0.469	48.350
	12	0.008	0.159	0.004	0.003	-	51.460	0.405	48.010
	13	17.870	-	15.130	0.127	1.065	65.270	0.413	0.001
	14	17.740	0.024	15.220	0.101	1.065	65.170	0.476	0.040
	15	17.900	-	14.930	0.173	1.103	65.510	0.384	0.002
	16	0.179	0.023	-	3.070	0.004	-	0.720	0.005
	17	0.139	0.009	-	3.090	0.009	-	0.628	-
	18	0.185	0.005	-	2.960	-	-	0.531	-
	19	0.013	0.034	-	-	-	-	89.970	-
	20	-	0.178	-	-	-	0.130	88.470	-
	21	-	0.153	-	-	0.052	0.062	88.260	-
	22	0.062	45.850	0.022	1.540	-	0.035	0.220	0.031
	23	0.038	45.970	0.004	1.560	-	0.027	0.077	0.022
	24	0.069	46.680	0.008	1.540	-	0.035	0.008	0.019
	25	0.509	-	0.012	63.480	0.234	-	0.010	-
	26	0.582	0.079	-	63.950	0.155	0.108	-	0.014
	27	0.487	0.024	-	63.540	0.152	0.055	-	0.023
	28	-	0.016	-	0.214	-	-	-	0.244
	29	-	-	0.022	0.201	-	-	0.003	0.106
	30	-	-	0.013	0.309	-	-	0.072	0.29

Handwritten notes and signatures in the bottom right corner, including a date '2004' and a signature.

(2) 2nd ST Run POST

DLC

8-9F

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Mass percent		Group : adam?			Sample : 170909			Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	172	19.450	0.058	0.005	0.007	11.690	67.930	0.021	-
	173	19.440	-	0.013	0.041	11.660	67.820	0.021	0.005
	174	18.960	0.005	0.025	0.020	12.080	69.040	0.068	-
	175	0.024	0.408	-	0.006	0.008	40.900	11.210	0.020
	176	0.028	0.341	0.005	-	0.011	40.380	11.670	0.012
	177	-	0.351	0.015	-	-	40.460	11.200	-
	178	100.270	-	0.016	0.037	-	0.014	-	-
	179	99.840	0.043	0.014	-	0.029	-	0.008	-
	180	100.660	-	0.011	0.051	0.001	0.011	-	0.007
	181	-	0.161	0.008	0.011	0.011	50.910	0.376	48.130
	182	-	0.185	-	0.042	0.017	51.380	0.325	48.150
	183	0.004	0.136	0.006	-	0.002	51.430	0.346	48.370
	184	17.910	-	15.170	-	1.067	64.830	0.455	0.018
	185	17.770	-	15.530	0.089	1.060	64.780	0.489	0.028
	186	17.750	-	15.110	0.067	1.094	65.110	0.506	0.044
	187	0.084	-	0.001	2.980	-	0.051	0.613	0.007
	188	0.157	0.033	-	2.920	-	-	0.557	-
	189	0.154	-	-	2.790	0.007	0.006	0.564	-
	190	-	0.021	-	-	-	0.029	90.290	-
	191	-	0.034	-	-	0.013	-	89.340	-
	192	0.029	-	-	-	-	0.034	89.460	-
	193	0.086	45.900	-	1.600	-	0.002	0.186	-
	194	0.072	46.150	-	1.540	-	-	0.158	0.004
	195	0.102	46.700	-	1.560	-	0.020	0.073	0.010
	196	0.562	0.040	0.007	63.420	0.167	-	-	-
	197	0.522	0.020	0.009	63.240	0.212	0.097	-	0.016
	198	0.544	0.004	0.005	63.000	0.185	-	-	-
	199	-	-	0.006	0.131	-	-	-	0.326
	200	-	0.008	0.017	0.036	-	-	0.093	0.150
	201	-	0.076	0.016	-	-	-	0.052	0.200

Mass percent Group : adam? Sample : 170909 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	172	-	0.064	-	-	99.225	ABST
	173	-	-	-	-	99.001	ABST
	174	-	0.013	-	-	100.210	ABST
	175	47.620	0.047	-	-	100.244	MGST
	176	47.670	0.012	0.024	-	100.152	MGST
	177	47.730	0.004	0.004	-	99.763	MGST
	178	0.013	0.024	-	-	100.374	ALST
	179	-	0.032	0.026	-	99.992	ALST
	180	-	0.008	-	-	100.749	ALST
	181	0.038	-	0.001	-	99.647	WoST
	182	0.022	0.024	0.023	-	100.169	WoST
	183	0.045	-	0.022	-	100.361	WoST
	184	-	0.069	0.017	-	99.538	KST
	185	-	0.049	0.072	-	99.867	KST
	186	-	0.075	0.013	-	99.770	KST
	187	-	0.019	98.900	-	102.654	TIST
	188	-	0.008	98.970	-	102.644	TIST
	189	-	0.028	98.660	-	102.208	TIST
	190	0.061	0.037	0.026	-	90.466	FEST
	191	-	-	0.020	-	89.408	FEST
	192	0.033	-	0.007	-	89.562	FEST
	193	0.020	0.022	53.420	-	101.237	MNST
	194	0.014	0.002	52.820	-	100.760	MNST
	195	0.016	0.014	52.960	-	101.455	MNST
	196	0.023	0.539	1.820	-	66.577	BAST
	197	-	0.493	1.910	-	66.519	BAST
	198	-	0.518	1.900	-	66.156	BAST
	199	-	57.890	0.008	-	58.361	ST
	200	-	58.430	0.026	-	58.760	ST
	201	-	58.110	0.008	-	58.462	ST

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	-	-	-	-	-	-	-	-
Maximum	100.660	46.700	15.530	63.420	12.080	69.040	90.290	48.370
Average	13.814	4.689	1.533	6.786	1.311	22.508	10.269	4.850
Sigma	30.228	14.091	4.658	19.156	3.575	28.910	27.141	14.703

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	58.361
Maximum	47.730	58.430	98.970	-	102.655
Average	4.777	5.884	15.389	-	91.810
Sigma	14.543	17.718	32.518	-	15.391

No. of data 30

Mass percent		Group : adam?			Sample : 200904			Page 1	
1	No.	Al ₂ O ₃	MnO	K ₂ O	BaO	Na ₂ O	SiO ₂	FeO	CaO
	97	18.560	-	14.290	0.124	1.710	63.280	0.038	0.185
	98	20.840	0.005	0.123	0.032	10.730	65.010	0.047	1.990
	99	0.005	0.124	0.003	-	0.013	99.540	0.039	-
	100	22.000	0.074	0.176	0.045	9.720	63.090	0.184	3.340
	101	20.410	-	0.305	-	10.810	66.320	0.158	0.720
	102	20.530	0.069	0.248	0.072	10.930	66.020	0.222	1.009
	103	18.310	-	14.900	0.823	1.242	63.150	0.081	0.094
	104	21.160	-	0.270	0.030	10.480	65.150	0.423	1.650
	105	18.420	0.093	14.810	1.071	1.274	63.300	0.068	0.098
	106	18.180	0.020	15.360	0.443	1.169	63.550	0.166	0.038
	107	18.430	-	15.990	0.374	0.494	63.530	0.175	-
	108	18.350	-	16.330	0.382	0.426	63.220	0.089	0.009
	109	18.260	-	15.730	0.358	0.830	63.650	0.119	0.042
	110	18.120	0.064	14.280	0.488	1.690	64.140	0.140	0.139
	111	18.610	-	15.020	1.018	1.154	63.200	0.123	0.008
	112	18.550	-	14.860	0.645	1.313	63.010	0.115	0.197
	113	18.610	0.010	15.150	0.864	1.102	63.180	0.077	-
	114	18.200	-	15.610	0.227	0.951	63.370	0.196	0.026
	115	18.240	-	15.570	0.343	0.837	63.550	0.200	0.032
	116	18.300	0.015	15.640	0.035	0.821	62.840	0.145	0.060
	117	18.370	0.039	15.520	0.243	1.176	63.490	0.102	0.060
	118	18.290	-	15.510	0.200	0.936	64.280	0.102	0.040
	119	18.440	0.039	15.290	0.340	1.430	63.550	0.136	-
	120	17.970	0.030	16.120	0.212	0.605	64.460	0.217	-
	121	18.180	0.044	15.380	0.243	0.857	64.020	0.111	-
	122	17.630	0.020	16.250	0.130	0.413	64.150	0.077	0.037
	123	18.060	0.049	16.280	0.080	0.447	64.510	0.149	0.014
	124	17.820	0.020	15.100	0.104	1.176	64.130	0.149	0.029
	125	18.030	0.039	15.540	0.042	0.968	64.120	0.111	0.060
	126	18.150	-	15.510	0.126	0.970	64.210	0.051	0.046
	127	18.210	-	15.230	0.316	1.108	63.980	0.064	0.071
	128	17.780	0.044	15.760	0.493	0.664	63.320	-	0.039
	129	18.130	0.029	16.150	0.257	0.526	63.500	0.111	0.021
	130	18.210	0.010	16.330	0.171	0.392	64.110	0.158	-
	131	18.230	-	15.650	0.077	0.807	63.470	0.030	0.037
	132	17.860	-	16.000	0.125	0.722	63.910	0.064	0.007
	133	17.670	0.005	15.940	0.361	0.648	63.770	0.179	-
	134	18.410	0.083	15.330	0.581	1.020	63.430	0.153	0.055
	135	18.400	-	15.510	0.839	0.737	62.270	0.051	0.017
	136	18.180	0.005	15.400	0.665	1.060	63.850	0.102	0.021
	137	18.210	-	15.970	0.626	0.596	63.260	0.017	0.012
	138	18.000	-	15.740	0.581	0.689	64.000	0.089	0.014
	139	18.330	-	15.920	0.743	0.599	63.420	0.162	0.021
	140	18.260	-	15.340	0.639	1.003	63.600	0.068	0.004
	141	18.070	-	14.980	0.435	1.180	63.610	0.106	0.123
	142	18.200	-	14.520	0.374	1.590	64.210	0.098	0.103
	143	18.040	0.010	15.670	0.542	0.656	62.710	0.183	0.128
	144	18.130	0.015	14.040	0.492	1.690	63.790	0.115	0.157
	145	18.330	0.074	15.010	0.442	1.241	63.170	0.106	0.039
	146	18.000	-	15.430	0.648	1.013	64.060	0.166	0.001

Mass percent Group : adam? Sample : 200904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	97	-	0.090	0.005	-	98.283	1a467
	98	0.006	0.064	-	-	98.846	1a468
	99	-	-	-	-	99.724	1a469
	100	-	0.116	0.023	-	98.766	1a470
	101	0.245	0.098	0.049	-	99.116	1a471
	102	0.204	0.087	0.004	-	99.395	1a472
	103	-	0.168	0.040	-	98.809	1a473
	104	0.110	0.095	0.009	-	99.378	1a474
	105	0.011	0.231	0.067	-	99.445	1a475
	106	-	0.069	0.003	-	98.998	1a476
	107	-	0.087	0.012	-	99.091	1a477
	108	-	0.069	0.034	-	98.909	1a478
	109	0.008	0.126	0.030	-	99.154	1a479
	110	-	0.091	0.047	-	99.199	1a480
	111	-	0.123	0.020	-	99.276	1a481
	112	-	0.104	0.043	-	98.837	1a482
	113	-	0.108	0.034	-	99.134	1a483
	114	-	0.089	0.011	-	98.679	1a484
	115	-	0.140	0.011	-	98.923	1a485
	116	-	0.074	-	-	97.928	1a486
	117	-	0.038	0.038	-	99.076	1a487
	118	-	0.174	0.061	-	99.593	1a488
	119	-	0.090	0.015	-	99.331	1a489
	120	-	0.020	0.023	-	99.657	1a490
	121	-	0.064	0.011	-	98.910	1a491
	122	-	0.059	0.007	-	98.771	1a492
	123	0.019	0.048	0.008	-	99.665	1a493
	124	0.014	0.092	0.035	-	98.669	1a494
	125	-	0.038	0.039	-	98.987	1a495
	126	0.002	0.082	-	-	99.149	1a496
	127	-	0.137	0.019	-	99.134	1a497
	128	-	0.114	-	-	98.214	1a498
	129	0.004	0.089	0.034	-	98.851	1a499
	130	-	0.070	0.024	-	99.475	1a500
	131	-	0.139	0.026	-	98.465	1a501
	132	-	0.131	-	-	98.819	1a502
	133	0.024	0.119	0.011	-	98.727	1a503
	134	0.011	0.119	0.038	-	99.230	1a504
	135	-	0.062	0.075	-	97.962	1a505
	136	-	0.094	0.007	-	99.385	1a506
	137	-	0.061	0.018	-	98.769	1a507
	138	-	0.134	-	-	99.248	1a508
	139	-	0.110	-	-	99.306	1a509
	140	0.011	0.146	0.039	-	99.109	1a510
	141	0.024	0.094	0.018	-	98.640	1a511
	142	-	0.077	0.056	-	99.228	1a512
	143	-	0.030	0.062	-	98.031	1a513
	144	-	0.190	0.013	-	98.633	1a514
	145	-	0.104	-	-	98.516	1a515
	146	0.018	0.131	-	-	99.467	1a516

Mass percent		Group : adam?			Sample : 200904			Page 3	
1	No.	Al ₂ O ₃	MnO	K ₂ O	BaO	Na ₂ O	SiO ₂	FeO	CaO
	147	17.650	0.054	14.980	0.610	1.101	63.710	0.081	0.020
	148	18.710	0.010	13.470	1.370	2.330	62.790	0.025	0.048
	149	19.550	0.098	8.510	0.773	5.390	64.550	0.055	0.554
	150	21.350	-	1.300	0.009	9.860	64.090	0.350	0.910
	151	18.330	-	13.720	0.858	1.610	63.180	0.132	0.185
	152	22.330	0.103	0.380	0.060	9.740	63.750	0.175	2.980
	153	21.680	-	0.302	0.060	9.820	64.100	0.239	3.210
	154	22.090	0.069	0.367	0.097	9.570	63.370	0.346	3.510
	155	18.210	0.010	15.740	0.554	0.807	63.920	0.068	-
	156	17.840	-	15.930	0.065	0.604	64.730	0.060	-
	157	0.007	0.035	-	-	0.012	100.120	0.009	0.009
	158	21.550	0.034	0.493	0.005	9.410	63.580	0.132	3.330
	159	18.400	0.005	15.280	0.131	1.185	63.260	0.141	0.011
	160	18.410	0.034	14.850	0.179	1.308	64.090	0.030	0.034
	161	18.510	0.015	15.090	0.052	1.189	64.440	0.047	0.011
	162	17.760	0.083	15.260	0.038	1.121	63.670	0.094	0.009
	163	17.970	0.034	15.500	0.101	0.846	63.970	0.060	-
	164	18.360	-	15.460	0.104	0.977	64.340	-	-
	165	18.250	-	15.490	0.090	0.912	63.960	0.098	0.007
	166	18.200	0.059	15.410	0.069	0.990	64.540	-	0.014
	167	18.020	-	15.900	0.163	0.565	62.140	0.038	0.098
	168	17.990	-	15.290	0.323	1.040	63.990	-	-
	169	18.060	-	14.400	0.609	1.510	63.610	-	0.009
	170	17.960	0.034	15.320	0.403	1.141	63.960	-	0.001
	171	17.850	-	15.370	0.428	1.041	64.000	0.051	-
	172	18.180	-	15.040	0.475	1.278	63.900	-	-
	173	18.010	-	16.070	0.872	0.235	63.380	-	0.018
	174	19.670	0.039	15.440	0.501	0.764	63.170	-	0.022
	175	18.120	0.034	15.180	0.411	1.146	63.800	-	0.024
	176	18.410	0.083	15.070	0.514	1.267	64.400	-	-
	177	18.500	0.030	14.910	0.725	1.360	63.880	-	0.011
	178	18.080	-	15.790	0.403	0.625	63.830	0.115	0.003
	179	18.100	0.015	15.690	0.288	0.703	64.210	-	-
	180	17.930	-	16.270	0.533	0.266	63.510	0.038	-
	181	18.220	-	15.340	0.257	1.098	64.050	-	0.009

Mass percent Group : adam? Sample : 200904 Page 4

2	No.	MgO	SrO	TiO2	O	Total	Comment
	147	-	0.094	0.001	-	98.301	1a517
	148	0.004	0.119	0.046	-	98.922	1a518
	149	0.047	0.169	0.005	-	99.702	1a519
	150	0.071	0.174	-	-	98.113	1a520
	151	0.007	0.145	0.042	-	98.208	1a521
	152	0.024	0.208	0.024	-	99.774	1a522
	153	0.002	0.147	0.034	-	99.594	1a523
	154	0.027	0.112	-	-	99.557	1a524
	155	-	0.093	0.007	-	99.408	1a525
	156	-	0.026	0.005	-	99.260	1a526
	157	-	0.053	-	-	100.244	1a527
	158	0.010	0.151	0.011	-	98.708	1a528
	159	0.002	0.028	0.041	-	98.483	1a529
	160	-	-	0.035	-	98.971	1a530
	161	0.002	0.021	0.004	-	99.381	1a531
	162	-	0.064	-	-	98.100	1a532
	163	-	0.064	-	-	98.546	1a533
	164	-	0.038	-	-	99.280	1a534
	165	-	0.012	0.026	-	98.844	1a535
	166	-	0.034	0.018	-	99.334	1a536
	167	0.007	-	-	-	96.932	1a537
	168	-	0.076	-	-	98.709	1a538
	169	-	0.108	0.052	-	98.358	1a539
	170	0.004	0.058	0.016	-	98.897	1a540
	171	-	0.042	-	-	98.782	1a540
	172	-	0.094	0.063	-	99.029	1a541
	173	-	0.046	0.018	-	98.648	1a542
	174	0.004	0.043	0.001	-	99.655	1a543
	175	-	0.076	-	-	98.792	1a544
	176	0.013	0.042	0.011	-	99.809	1a545
	177	0.004	0.096	0.015	-	99.529	1a546
	178	0.034	0.042	0.016	-	98.938	1a547
	179	-	0.079	0.030	-	99.114	1a548
	180	-	0.033	0.026	-	98.606	1a549
	181	0.004	0.105	0.001	-	99.085	1a550

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	0.005	-	-	-	0.012	62.140	-	-
Maximum	22.330	0.124	16.330	1.370	10.930	100.120	0.423	3.510
Average	18.164	0.022	13.173	0.360	2.088	64.641	0.099	0.304
Sigma	3.039	0.030	5.319	0.294	3.014	5.533	0.083	0.813

	MgO	SrO	TiO2	O	Total
Minimum	-	-	-	-	96.932
Maximum	0.245	0.231	0.075	-	100.245
Average	0.011	0.089	0.020	-	98.971
Sigma	0.037	0.048	0.019	-	0.521

No. of data 85

Mass percent		Group : adam?		Sample : 210904				Page 1	
1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
31	18.250	-	-	15.410	0.323	1.040	63.950	-	-
32	18.160	-	-	14.400	0.256	1.650	64.250	0.009	-
33	18.630	-	-	15.220	0.249	1.057	64.180	0.017	-
34	18.190	-	-	15.380	0.338	1.191	63.820	-	-
35	18.450	0.029	-	15.230	0.735	0.971	63.940	0.021	-
36	18.250	-	-	15.260	0.432	1.207	64.200	-	-
37	18.410	-	-	14.860	0.790	1.291	64.360	-	0.005
38	17.980	-	-	14.340	0.574	1.570	64.150	0.034	-
39	18.550	0.049	-	15.630	0.402	0.809	62.890	-	0.040
40	18.630	-	-	14.680	0.863	1.318	63.190	-	0.022
41	18.400	0.005	-	14.500	0.826	1.420	64.090	0.081	-
42	18.490	0.015	-	14.400	0.880	1.550	63.840	-	0.012
43	18.270	0.010	-	14.340	1.008	1.490	63.520	0.034	0.029
44	18.240	-	-	14.530	1.001	1.510	63.890	-	0.017
45	18.360	0.064	-	14.440	0.946	1.510	63.890	-	0.034
46	18.570	0.034	-	15.040	0.939	1.041	63.390	-	0.108
47	18.200	-	-	14.990	0.718	1.179	64.010	0.004	0.026
48	18.410	-	-	15.390	0.678	0.880	64.040	0.077	0.003
49	18.660	0.029	-	14.200	0.690	1.800	64.130	0.009	0.040
50	18.400	0.049	-	12.830	0.619	2.530	64.470	-	0.034
51	18.000	0.010	-	14.370	0.668	1.600	63.800	-	-
52	18.150	0.010	-	14.940	0.714	1.010	63.990	-	-
53	17.880	0.049	-	15.110	0.698	0.897	63.540	0.124	-
54	18.110	0.010	-	14.630	1.200	1.292	63.360	-	0.028
55	18.380	-	-	15.310	0.282	1.127	64.190	-	0.001
56	18.490	0.010	-	14.500	0.942	1.460	64.160	0.017	0.019
57	18.700	-	-	13.750	0.996	1.830	63.810	-	0.014
58	18.570	-	-	13.850	1.089	1.970	63.510	-	0.011
59	18.380	-	-	14.160	0.990	1.580	63.690	0.073	0.039
60	18.570	0.113	-	14.990	0.733	1.281	64.060	-	-
61	18.920	-	-	14.690	1.044	1.390	64.140	0.009	0.030
62	18.010	0.049	-	14.600	1.076	1.190	63.220	0.043	0.001
63	18.360	0.054	-	9.500	0.136	4.990	65.150	0.158	-
64	17.790	0.039	-	16.140	0.114	0.330	63.560	0.060	-
65	18.000	-	-	15.160	0.337	1.250	63.950	-	0.022
66	17.970	-	-	14.880	0.338	1.279	64.120	-	0.042
67	18.250	0.044	-	15.530	0.354	0.807	64.310	0.068	0.003
68	18.250	-	-	15.880	0.291	0.747	64.210	0.081	0.021
69	18.260	-	-	15.980	0.266	0.628	64.390	0.043	0.008
70	18.260	-	-	16.450	0.333	0.382	63.670	-	-
71	18.530	0.015	-	11.570	0.269	3.690	65.460	0.026	0.009
72	17.930	0.020	-	15.750	0.268	0.653	64.250	0.030	-
73	18.200	-	-	15.440	0.355	0.865	64.340	-	-
74	18.400	-	-	14.850	0.537	1.180	63.910	0.026	0.001
75	18.360	-	-	15.930	0.705	0.500	62.870	0.004	-
76	18.220	0.069	-	15.130	0.221	1.125	64.270	0.013	0.001
77	18.280	-	-	15.160	0.716	0.960	63.910	-	0.009
78	18.220	0.030	-	14.800	0.128	1.430	64.540	0.038	0.027
79	18.300	-	-	15.280	0.505	1.235	63.720	0.017	-
80	18.430	-	-	15.050	0.529	1.256	63.530	-	-

Mass percent Group : adam? Sample : 210904 Page 2

2	No.	MgO	SrO	TiO2	O	Total	Comment
	31	-	0.056	0.007	-	99.035	1a551
	32	-	0.080	-	-	98.804	1a552
	33	-	0.032	0.039	-	99.424	1a553
	34	-	0.034	-	-	98.954	1a554
	35	-	0.149	0.058	-	99.584	1a555
	36	0.027	0.082	-	-	99.458	1a556
	37	-	0.115	0.038	-	99.869	1a557
	38	-	0.113	0.012	-	98.773	1a558
	39	-	0.041	-	-	98.411	1a559
	40	0.005	0.072	0.054	-	98.834	1a560
	41	-	0.104	0.009	-	99.435	1a561
	42	-	0.091	0.052	-	99.330	1a562
	43	-	0.111	0.060	-	98.872	1a563
	44	0.004	0.097	0.069	-	99.358	1a564
	45	-	0.084	0.034	-	99.362	1a565
	46	-	0.047	0.048	-	99.217	1a566
	47	-	0.057	0.075	-	99.259	1a567
	48	0.007	0.051	0.051	-	99.587	1a568
	49	-	0.094	0.026	-	99.678	1a569
	50	0.003	0.102	0.046	-	99.082	1a570
	51	0.010	0.069	0.009	-	98.535	1a571
	52	-	0.125	-	-	98.939	1a572
	53	-	0.081	-	-	98.378	1a573
	54	-	0.085	0.063	-	98.778	1a574
	55	-	0.094	-	-	99.384	1a575
	56	0.002	0.071	0.082	-	99.752	1a576
	57	-	0.072	0.035	-	99.207	1a577
	58	-	0.038	0.044	-	99.083	1a578
	59	0.009	0.131	0.055	-	99.107	1a579
	60	-	0.053	0.058	-	99.858	1a580
	61	0.002	0.024	0.069	-	100.317	1a581
	62	-	0.038	0.007	-	98.233	1a582
	63	-	0.036	0.027	-	98.411	1a583
	64	-	0.007	-	-	98.041	1a584
	65	0.004	0.060	-	-	98.782	1a585
	66	-	0.045	0.008	-	98.682	1a586
	67	-	0.074	-	-	99.440	1a587
	68	-	0.048	0.024	-	99.552	1a588
	69	-	0.072	-	-	99.646	1a589
	70	-	0.070	0.042	-	99.207	1a590
	71	-	0.078	0.016	-	99.662	1a591
	72	-	0.004	0.047	-	98.951	1a592
	73	-	0.045	-	-	99.244	1a593
	74	-	0.034	0.047	-	98.985	1a594
	75	-	0.038	0.032	-	98.440	1a595
	76	-	0.062	-	-	99.111	1a596
	77	-	0.200	0.016	-	99.251	1a597
	78	-	0.076	0.008	-	99.298	1a598
	79	-	0.022	-	-	99.079	1a599
	80	-	0.023	0.061	-	98.878	1a600

Mass percent Group : adam? Sample : 210904 Page 3

1	No.	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
	81	18.420	0.054	15.020	0.557	1.270	64.270	-	0.008

2	No.	MgO	SrO	TiO2	O	Total	Comment
	81	-	0.032	-	-	99.631	1a601

	Al2O3	MnO	K2O	BaO	Na2O	SiO2	FeO	CaO
Minimum	17.790	-	9.500	0.114	0.330	62.870	-	-
Maximum	18.920	0.113	16.450	1.200	4.990	65.460	0.158	0.108
Average	18.315	0.017	14.774	0.601	1.338	63.963	0.022	0.013
Sigma	0.228	0.025	1.098	0.300	0.743	0.470	0.035	0.019

	MgO	SrO	TiO2	O	Total
Minimum	-	0.004	-	-	98.041
Maximum	0.027	0.200	0.082	-	100.317
Average	0.001	0.069	0.028	-	99.141
Sigma	0.004	0.037	0.026	-	0.463

No. of data 51