sample	H_2O	method H_2O	color	thickness	cm	total ppm H_2O	wt % H2O
Askja C2C glass.1	0.2060	lin 3540					
C1 gls.11	0.5860	linear 3537	dk. brown	.165 mm	0.0165	3746.9732	0.37
C1 gls.12	0.5970	linear 3537	dk. brown	.165 mm	0.0165	3817.3089	0.38
C1 gls.13	0.5390	linear 3537	dk. brown	.165 mm	0.0165	3446.4481	0.34
C1 gls.14	0.5570	linear 3537	dk. brown	.165 mm	0.0165	3561.5428	0.36
C1 gls.15	0.6570	linear 3537	dk. brown	.165 mm	0.0165	4200.9581	0.42
C1 gls.18	0.7250	linear 3537	dk. brown	.184 mm	0.0184	4157.0678	0.42
C1 gls.19	0.7210	linear 3537	dk. brown	.184 mm	0.0184	4134.1322	0.41
C1 gls.21	0.5260	linear 3531	dk. brown	.184 mm	0.0184	3016.0243	0.30
C1 gls.22	0.5190	linear 3531	dk. brown	.184 mm	0.0184	2975.8871	0.30
C1 gls.23	0.5290	linear 3531	dk. brown	.184 mm	0.0184	3033.2260	0.30
C1 gls.24	0.5340	linear 3545	dk. brown	.184 mm	0.0184	3061.8954	0.31
C1 gls.25	0.5410	linear 3545	dk. brown	.184 mm	0.0184	3102.0326	0.31
C1 gls.26	0.5140	linear 3545	dk. brown	.184 mm	0.0184	2947.2177	0.29
C1 gls.27	0.5140	linear 3545	dk. brown	.184 mm	0.0184	2947.2177	0.29
C1 gls.32	0.8160	linear 3545	dk. brown	.264 mm	0.0264	3261.0177	0.33
C1 gls.33	0.7100	linear 3534	dk. brown	.264 mm	0.0264	2837.4051	0.28
C1 gls.36	0.5670	linear 3531	dk. brown	.240 mm	0.0240	2492.5205	0.25
C1 gls.37	0.5720	linear 3531	dk. brown	.240 mm	0.0240	2514.5004	0.25
C1 gls.38	0.7950	linear 3560	dk. brown	.215 mm	0.0215	3901.1764	0.39
C1 gls.41	0.3970	linear 3540	dk. brown	.215 mm	0.0215	1948.1346	0.19
C2A_G.2	0.1520	linear 3570	clear	.113 mm	0.0113	1505.5461	0.15
C2A_G.9	0.1500	linear 3570	clear	.113 mm	0.0113	1485.7363	0.15
C2A_G.12	0.3750	linear 3545	amber	.195 mm	0.0195	2028.9137	0.20
C2A_G.13	0.5640	linear 3545	amber	.195 mm	0.0195	3051.4862	0.31
C2A_G.15	0.6210	linear 3545	amber	.195 mm	0.0195	3359.8811	0.34
C2A_G.16	0.5380	linear 3545	amber	.195 mm	0.0195	2910.8149	0.29
C2B_G.0	0.5180	linear 3545	amber	.150 mm	0.0150	3643.3880	0.36
C2B_G.1	0.5370	linear 3545	amber	.150 mm	0.0150	3777.0258	0.38
C2B_G.4	0.6810	linear 3545	amber	.158 mm	0.0158	4547.3350	0.45
C2B_G.5	0.6850	linear 3545	amber	.158 mm	0.0158	4574.0447	0.46
C2BG2spec.0	0.2520	Lin 3531	brown	.084 mm	0.0084	3165.1054	0.32
C2BG2spec.1	0.2700	Lin 3531	brown	.084 mm	0.0084	3391.1843	0.34
C2BG2spec.2	0.2780	Lin 3531	brown	.084 mm	0.0084	3491.6639	0.35
C2BG2spec.3	0.3040	lin 3525	brown	.084 mm	0.0084	3818.2224	0.38
C2BG2spec.5	0.2140	lin 3525	brown	.084 mm	0.0084	2687.8276	0.27
C2BG2spec.6	0.2170	lin 3525	brown	.084 mm	0.0084	2725.5074	0.27
C2BG2spec.7	0.2380	lin 3525	brown	.084 mm	0.0084	2989.2662	0.30
C2BG2spec.9	0.4100	lin 3540	brown	.112 mm	0.0112	3862.1822	0.39
C2BG2spec.10	0.4170	lin 3537	brown	.112 mm	0.0112	3928.1219	0.39
C2BG2spec.11	0.4050	lin 3531	brown	.112 mm	0.0112	3815.0824	0.38
C2BG2spec.15	0.2140	lin 3545	green	.065 mm	0.0065	3473.5003	0.35
C2BG2spec.16	0.2170	lin 3515	green	.065 mm	0.0065	3522.1942	0.35
C2BG2spec.17	0.2190	lin 3500	green	.065 mm	0.0065	3554.6568	0.36
C2BG2spec.18	0.2320	lin 3531	green	.065 mm	0.0065	3765.6638	0.38
C2BG2spec.22	0.2970	lin 3520	brown	.077 mm	0.0077	4069.4212	0.41

C2BG2spec.23	0.2830	lin 3520	brown	.077 mm	0.0077	3877.5966	0.39
C2BG2spec.24	0.2800	lin 3534	brown	.077 mm	0.0077	3836.4914	0.38
C2BG2spec.25	0.2830	lin 3540	brown	.077 mm	0.0077	3877.5966	0.39
C2BG2spec.26	0.2710	lin 3540	brown	.077 mm	0.0077	3713.1756	0.37
C2BG2spec.27	0.2700	lin 3537	brown	.077 mm	0.0077	3699.4738	0.37
C2C gls.2	0.1920	linear 3545	amber	.080 mm	0.0080	2532.0843	0.25
C2C gls.3	0.1970	linear 3545	amber	.080 mm	0.0080	2598.0240	0.26
C2CGspec.0	0.2000	lin 3537	amber	.080 mm	0.0080	2518.8964	0.25
C2C gls.5	0.1910	linear 3545	amber	.080 mm	0.0080	2387.0170	0.24
C2C gls.8	0.1810	linear 3545	amber	.080 mm	0.0080	1978.1909	0.20
C2C gls.10	0.1500	linear 3545	amber	.080 mm	0.0080	2057.3185	0.21
C2CGspec.5	0.1520	lin 3537	amber	.080 mm	0.0080	2123.2582	0.21
C2C gls.11	0.1560	linear 3545	amber	.080 mm	0.0080	2637.5878	0.26
C2C gls.12	0.1610	linear 3545	amber	.080 mm	0.0080	2004.5667	0.20
C2C gls.13	0.2440	linear 3520	amber	.069 mm	0.0069	3730.8489	0.37
C2CGspec.9	0.1970	linear 3540	amber	.069 mm	0.0069	3746.1392	0.37
C2C gls.14	0.2450	linear 3520	amber	.069 mm	0.0069	3944.9140	0.39
C2C gls.15	0.2580	linear 3520	amber	.069 mm	0.0069	3012.2017	0.30
C2C gls.19	0.2080	linear 3525	amber	.077 mm	0.0077	2849.9650	0.28
C2C gls.20	0.2120	linear 3525	amber	.077 mm	0.0077	2904.7720	0.29
C2CGspec.14	0.2030	linear 3540	amber	.077 mm	0.0077	2781.4562	0.28
C2C gls.21	0.2110	linear 3525	amber	.078 mm	0.0078	2854.0053	0.29
C2C gls.22	0.2160	linear 3525	amber	.078 mm	0.0078	2921.6357	0.29
C2C gls.23	0.2330	linear 3525	amber	.096 mm	0.0096	2560.6582	0.26
C2C gls.25	0.3040	linear 3545	amber	.096 mm	0.0096	3340.9446	0.33
C2C gls.26	0.3020	linear 3545	amber	.096 mm	0.0096	3318.9647	0.33
C2C gls.27	0.2930	linear 3545	amber	.096 mm	0.0096	3220.0551	0.32
C2CGspec.18	0.2700	linear 3540	amber	.096 mm	0.0096	2967.2863	0.30
C2D gls.4	0.4830	linear 3540	green/brown	.242 mm	0.0242	3359.0037	0.34
C2D gls.17	0.5890	linear 3534	olive, bubbly	.185 mm	0.0185	2914.1781	0.29
C2D gls.19	0.5110	linear 3534	olive, bubbly	.185 mm	0.0185	3165.1054	0.32
C2D gls.21	0.5550	linear 3534	olive, bubbly	.185 mm	0.0185	3147.9967	0.31
C2D gls.22	0.5520	linear 3540	olive, bubbly	.185 mm	0.0185	3142.2938	0.31
C2D gls.23	0.5510	linear 3540	olive, bubbly	.185 mm	0.0185	2178.5050	0.22
C2D gls.25	0.3820	linear 3540	olive, bubbly	.185 mm	0.0185	1944.6864	0.19
C2D gls.27	0.3410	linear 3540	olive, bubbly	.185 mm	0.0185	1482.7521	0.15
C2D gls.28	0.2600	linear 3540	olive, bubbly	.185 mm	0.0185	3060.1019	0.31
C2D gls.29	0.6120	linear 3540	olive	.211 mm	0.0211	2980.0992	0.30
C2D gls.30	0.5960	linear 3540	olive	.211 mm	0.0211	3020.1006	0.30
C2D gls.31	0.6040	linear 3540	olive	.211 mm	0.0211	3382.0285	0.34
C2D gls.32	0.6860	linear 3540	amber	.214 mm	0.0214	4197.3289	0.42
C2D gls.33	0.7360	linear 3540	amber	.214 mm	0.0214	1900.0401	0.19
C2D gls.34	0.3890	linear 3540	dk. brown	.216 mm	0.0216	3770.7737	0.38
C2D gls.35	0.7720	lin2 3540	dk. brown	.216 mm	0.0216	3712.1606	0.37
C2D gls.36	0.7600	lin2 3540	dk. brown	.216 mm	0.0216	2832.9647	0.28
C2D gls.37	0.5800	lin2 3540	dk. brown	.216 mm	0.0216	2735.2763	0.27
C2D gls.41	0.5600	linear 3540	dk. brown	.216 mm	0.0216	2652.2411	0.27
C2D gls.42	0.5430	linear 3540	dk. brown	.216 mm	0.0216	3388.5857	0.34

C2D gls.55	0.6520	lin 3540	olive	.203 mm	0.0203	3787.0693	0.38
C2D gls.60	0.8220	lin 3540	olive	.229 mm	0.0229	3045.3197	0.30
C2D gls.61	0.6610	lin 3540	olive	.229 mm	0.0229	2793.8893	0.28
C2D gls.64	0.5720	linear 3540	olive	.216 mm	0.0216	2105.7106	0.21
C2E_G.1	0.1660	linear 3545	olive	.076 mm	0.0076	2304.4188	0.23
C2E_G.2	0.1460	linear 3545	olive	.076 mm	0.0076	2026.7780	0.20
C2E_G.4	0.1040	linear 3545	olive	.076 mm	0.0076	1443.7323	0.14
C2E_G.5	0.1100	linear 3545	olive	.076 mm	0.0076	1527.0245	0.15
C2E_G.7	0.2060	linear 3545	olive	.097 mm	0.0097	2240.5901	0.22
C2E_G.8	0.2170	linear 3545	olive	.097 mm	0.0097	2360.2332	0.24
C2E_G.10	0.2230	linear 3545	olive	.097 mm	0.0097	2425.4931	0.24
C2E_G.11	0.2450	linear 3545	olive	.097 mm	0.0097	2664.7794	0.27
C2E_G.14	0.4130	linear 3545	amber	.145 mm	0.0145	3005.0311	0.30
C2E_G.20	0.6910	linear 3545	dk. brown	.185 mm	0.0185	3940.6988	0.39
C2E_G.21	0.6100	linear 3545	dk. brown	.185 mm	0.0185	3478.7645	0.35
C2E_G.22	0.6110	linear 3545	dk. brown	.185 mm	0.0185	3484.4674	0.35
C2E_G.23	0.7580	linear 3545	dk. brown	.185 mm	0.0185	4322.7926	0.43
C2F gls.0	0.3410	lin 3540	amber	.140 mm	0.0140	2569.7641	0.26
C2F gls.1	0.3310	lin 3540	amber	.140 mm	0.0140	2494.4045	0.25
C2F gls.2	0.2850	lin 3540	amber	.140 mm	0.0140	2147.7501	0.21
C2F gls.3	0.3490	linear 3540	amber	.140 mm	0.0140	2630.0519	0.26
C2F gls.4	0.4690	linear 3540	amber	.143 mm	0.0143	3460.2201	0.35
C2F gls.5	0.4830	lin 3540	amber	.143 mm	0.0143	3563.5103	0.36
C2F gls.6	0.4830	lin 3540	amber	.143 mm	0.0143	3563.5103	0.36
C2F gls.7	0.4570	linear 3540	amber	.143 mm	0.0143	3371.6857	0.34
C2F gls.9	0.3680	linear 3540	amber	.143 mm	0.0143	2715.0554	0.27
C2F gls.11	0.3800	lin 3540	amber	.143 mm	0.0143	2803.5899	0.28
C2F gls.12	0.1470	linear 3540	amber	.143 mm	0.0143	1084.5466	0.11
C2F gls.14	0.4390	linear 3540	amber	.135 mm	0.0135	3430.8179	0.34
C2F gls.15	0.4190	linear 3540	amber	.135 mm	0.0135	3274.5164	0.33
C2F gls.16	0.4590	lin 3540	amber	.135 mm	0.0135	3587.1194	0.36
C2F gls.17	0.0420	linear 3540	amber	.135 mm	0.0135	328.2332	0.03
C2F gls.18	0.1500	linear 3540	brown	.121 mm	0.0121	1307.8948	0.13
C2F gls.19	0.1730	linear 3540	brown	.121 mm	0.0121	1508.4387	0.15
C2F gls.20	0.1710	linear 3540	brown	.121 mm	0.0121	1491.0001	0.15
C2F gls.21	0.1200	linear 3540	brown	.121 mm	0.0121	1046.3158	0.10
C2F gls.23	0.1690	linear 3540	brown	.121 mm	0.0121	1473.5615	0.15
C2F gls.25	0.1380	linear 3540	olive	.053 mm	0.0053	2747.0726	0.27
C2F gls.26	0.1750	linear 3515	olive	.053 mm	0.0053	3483.6066	0.35
C2F gls.27	0.1360	linear 3515	olive	.053 mm	0.0053	2707.2600	0.27
C2F gls.31	0.2480	linear 3540	amber	.131 mm	0.0131	1997.3184	0.20
C2F gls.32	0.2440	linear 3540	amber	.131 mm	0.0131	1965.1036	0.20
C2F gls.33	0.0450	linear 3540	amber	.131 mm	0.0131	362.4166	0.04
C2F gls.34	0.2470	linear 3540	amber	.131 mm	0.0131	1989.2647	0.20
C2F gls.35	0.1080	linear 3540	olive	.089 mm	0.0089	1280.2673	0.13
C2F gls.36	0.1070	linear 3540	olive	.089 mm	0.0089	1268.4130	0.13
C2G gls.8	0.4930	lin 3540	amber	.146 mm	0.0146	3562.5501	0.36

C2G gls.11	0.5530	lin 3540	amber	.146 mm	0.0146	3996.1262	0.40
C2G gls.23	0.5000	lin 3540	amber	.169 mm	0.0169	3121.4057	0.31
C2G gls.28	0.6380	linear 3540	amber	.169 mm	0.0169	3982.9137	0.40
C2G-gls2.1	0.5980	lin 3540	green/brown	.169 mm	0.0169	3733.2012	0.37
C2G-gls2.4	0.7040	lin 3540	green/brown	.180 mm	0.0180	4126.3596	0.41
C2G-gls2.11	0.4460	lin 3540	green	.138 mm	0.0138	3409.7512	0.34
C2G-gls2.20	0.4860	linear 3540	green	.132 mm	0.0132	3884.4475	0.39
C2G-gls2.21	0.5120	lin 3540	green	.132 mm	0.0132	4092.2575	0.41
D1 gls.0	0.6410	lin 3540	amber	.196 mm	0.0196	3450.3955	0.35
D1 gls.2	0.6200	lin 3540	amber	.196 mm	0.0196	3337.3560	0.33
D1 gls.6	0.6680	linear 3540	amber	.196 mm	0.0196	3595.7320	0.36
D1 gls.4	0.6260	lin 3540	amber	.196 mm	0.0196	3369.6530	0.34
D1 gls.7	0.6510	lin 3540	amber	.196 mm	0.0196	3504.2238	0.35
D2_G.0	0.0900	linear 3545	green	.053 mm	0.0053	1791.5691	0.18
D2_G.1	0.1180	linear 3545	green	.053 mm	0.0053	2348.9461	0.23
D2_G.3	0.1260	linear 3545	green	.053 mm	0.0053	2508.1967	0.25
D2_G.5	0.0850	linear 3545	green	.053 mm	0.0053	1692.0375	0.17
D2_G.6	0.1100	linear 3545	green	.053 mm	0.0053	2189.6956	0.22
D2_G.11	0.2460	linear 3545	green	.085 mm	0.0085	3053.3958	0.31
D2_G.12	0.2690	linear 3545	green	.085 mm	0.0085	3338.8759	0.33
D2_G.14	0.2730	linear 3545	green	.102 mm	0.0102	2823.7705	0.28
D2_G.17	0.2400	linear 3545	green in br	.102 mm	0.0102	2482.4356	0.25
D2_G.19	0.2730	linear 3545	green	.094 mm	0.0094	3064.0914	0.31
D2_G.20	0.2700	linear 3545	green	.094 mm	0.0094	3030.4201	0.30
D2_G.21	0.2700	linear 3545	green	.094 mm	0.0094	3030.4201	0.30
D2_G.22	0.2870	linear 3545	green	.094 mm	0.0094	3221.2243	0.32
D2_G.23	0.2780	linear 3545	green	.094 mm	0.0094	3120.2103	0.31
D2_G.24	0.3560	linear 3545	green in br	.108 mm	0.0108	3477.7084	0.35
D2_G.26	0.3350	linear 3545	green in br	.108 mm	0.0108	3272.5627	0.33
D2_G.29	0.3170	linear 3545	green	.088 mm	0.0088	3800.5243	0.38
D2_G.30	0.2700	linear 3545	green	.088 mm	0.0088	3237.0396	0.32
D3 gls.1	0.0930	linear 3550	brown	.248 mm	0.0248	395.6382	0.04
D3 gls.3	0.1210	linear 3550	brown	.248 mm	0.0248	514.7550	0.05
D3 gls.4	0.1110	linear 3550	brown	.248 mm	0.0248	472.2133	0.05
D3 gls.8	0.0590	linear 3550	brown	.200 mm	0.0200	311.2354	0.03
D3 gls.9	0.0740	linear 3550	brown	.200 mm	0.0200	390.3630	0.04
D3 gls.10	0.0670	linear 3550	brown	.200 mm	0.0200	353.4368	0.04
D3 gls.11	0.1150	linear 3550	brown	.200 mm	0.0200	606.6452	0.06
D3 gls.12	0.1490	linear 3550	brown	.200 mm	0.0200	786.0012	0.08
D3 gls.13	0.1450	linear 3550	brown	.200 mm	0.0200	764.9005	0.08
D3 gls.14	0.1580	linear 3550	brown	.200 mm	0.0200	833.4778	0.08
D3 gls.15	0.1090	linear 3550	brown	.200 mm	0.0200	574.9941	0.06
D3_G.3	0.1060	linear 3581	green	.069 mm	0.0069	1719.4347	0.17
D3_G.4	0.1090	linear 3581	green	.069 mm	0.0069	1768.0979	0.18
D3_G.5	0.0390	linear 3540	green	.054 mm	0.0054	761.9698	0.08
D3_G.11	0.2850	linear 3545	green	.091 mm	0.0091	3304.2309	0.33
D3_G.12	0.1460	linear 3545	green	.059 mm	0.0059	2610.7649	0.26

D3_G.13	0.1610	linear 3545	green	.059 mm	0.0059	2878.9942	0.29
D3_G.14	0.1200	linear 3570	olive, bubbly	.093 mm	0.0093	1444.1996	0.14
D3_G.15	0.1320	linear 3574	olive, bubbly	.093 mm	0.0093	1588.6195	0.16
D3_G.18	0.3750	linear 3534	olive	.093 mm	0.0093	4254.1739	0.43
D3_G.19	0.3520	linear 3534	olive	.093 mm	0.0093	3993.2512	0.40
D3_G.20	0.1080	linear 3534	xtl?	.093 mm	0.0093	1225.2021	0.12
D3_G.26	0.2220	linear 3540	green	.093 mm	0.0093	2518.4710	0.25
D3_G.27	0.2320	linear 3540	green	.093 mm	0.0093	2631.9156	0.26
D3_G.29	0.3000	linear 3540	green	.098 mm	0.0098	3229.6994	0.32
D3_G.30	0.3090	linear 3540	green	.098 mm	0.0098	3326.5904	0.33
D3_G.42	0.3280	linear 3545	green	.098 mm	0.0098	3531.1380	0.35
D3_G.43	0.3320	linear 3545	green	.098 mm	0.0098	3574.2006	0.36
D4_G.1	0.1880	linear 3588	stringy	.062 mm	0.0062	3393.8690	0.34
D4_G.3	0.1340	linear 3545	green	.062 mm	0.0062	2280.2372	0.23
D4_G.5	0.1410	linear 3545	green	.062 mm	0.0062	2399.3541	0.24
D4_G.7	0.1250	linear 3545	green	.062 mm	0.0062	2127.0870	0.21
D4_G.11	0.0450	linear 3570	olive	.060 mm	0.0060	791.2763	0.08
D4_G.12	0.0460	linear 3570	olive	.060 mm	0.0060	808.8603	0.08
D4_G.13	0.0720	linear 3500	dk inc/olive	.060 mm	0.0060	1266.0422	0.13
D4_G.14	0.0980	linear 3537	green	.058 mm	0.0058	1782.6456	0.18
D4_G.15	0.0980	linear 3537	green	.058 mm	0.0058	1782.6456	0.18
D4_G.16	0.1200	linear 3537	green	.058 mm	0.0058	2182.8313	0.22
D4_G.18	0.1310	linear 3537	green	.058 mm	0.0058	2382.9242	0.24
D4_G.19	0.1410	linear 3537	olive	.058 mm	0.0058	2564.8268	0.26
D4_G.20	0.1460	linear 3537	olive	.058 mm	0.0058	2655.7781	0.27
D4_G.21	0.1820	linear 3537	olive	.067 mm	0.0067	2865.9163	0.29
D4_G.22	0.1940	linear 3537	olive	.067 mm	0.0067	3054.8778	0.31
D4_G.24	0.0700	linear 3537	pale green	.058 mm	0.0058	1273.3183	0.13
D4_G.26	0.0830	linear 3537	swirly	.066 mm	0.0066	1326.7866	0.13
D4_G.27	0.0880	linear 3537	swirly	.066 mm	0.0066	1406.7135	0.14
D4_G.28	0.0790	linear 3588	layered	.075 mm	0.0075	1178.9482	0.12
D4_G.29	0.0720	linear 3588	layered	.075 mm	0.0075	1074.4845	0.11
D4_G.31	0.1320	linear 3534	green	.075 mm	0.0075	1856.8618	0.19
D4_G.32	0.1150	linear 3534	green	.075 mm	0.0075	1617.7205	0.16
D4_G.35	0.0880	linear 3578	mixed	.071 mm	0.0071	1307.6492	0.13
D4_G.36	0.1580	linear 3534	green	.071 mm	0.0071	2347.8247	0.23
D4_G.37	0.9670	linear 3567	clear	.071 mm	0.0071	15243.9332	1.52
D4_G.38	0.9190	linear 3567	clear	.071 mm	0.0071	14487.2540	1.45
D4_G.39	0.1600	linear 3540	green	.071 mm	0.0071	2596.0632	0.26
D4_G.40	0.1940	linear 3540	green	.071 mm	0.0071	2882.7720	0.29
D4_G.43	0.2200	linear 3540	green	.071 mm	0.0071	3269.1229	0.33
D4_G.44	0.2180	linear 3540	green	.071 mm	0.0071	3239.4036	0.32
D4_G.45	0.0680	linear 3540	green	.071 mm	0.0071	1010.4562	0.10
D4Xspec.37	0.2900	Lin 3567	clear	.207 mm	0.0207	1568.0379	0.16
D4Xspec.38	0.3010	Lin 3567	clear	.207 mm	0.0207	1627.5152	0.16
E gls.0	0.5800	linear 3534	amber	.206 mm	0.0206	2970.4873	0.30
E gls.1	0.5750	lin 3540	amber	.206 mm	0.0206	2944.8796	0.29
E gls.2	0.6050	lin 3540	amber	.206 mm	0.0206	3098.5255	0.31

E gls.3	0.2340	lin 3540	incl.	.206 mm	0.0206	1198.4380	0.12
E gls.4	0.6140	lin 3540	amber	.206 mm	0.0206	3144.6193	0.31
E gls.7	0.4260	lin 3540	green	.176 mm	0.0176	2553.6646	0.26
E gls.8	0.3910	lin 3540	green	.176 mm	0.0176	2343.8565	0.23
E gls.11	0.4490	lin 3540	green	.176 mm	0.0176	2691.5385	0.27
E gls.15	0.3900	lin 3540	green	.174 mm	0.0174	2364.7339	0.24
E gls.16	0.3840	lin 3540	green	.174 mm	0.0174	2328.3534	0.23
E gls.17	0.4000	lin 3540	green	.174 mm	0.0174	2425.3681	0.24
E gls.18	0.3050	lin 3540	green	.148 mm	0.0148	2174.2278	0.22
E gls.20	0.3490	lin 3540	green	.148 mm	0.0148	2487.8869	0.25
E gls.21	0.3670	lin 3540	green	.148 mm	0.0148	2616.2020	0.26
E gls.22	0.3480	lin 3540	green	.148 mm	0.0148	2480.7583	0.25
E gls.23	0.3770	lin 3540	green	.148 mm	0.0148	2687.4881	0.27
E gls.24	0.4400	lin 3540	amber	.169 mm	0.0169	2746.8370	0.27
E gls.25	0.4740	lin 3540	amber	.169 mm	0.0169	2959.0926	0.30
E gls.28	0.2690	lin 3540	amber	.139 mm	0.0139	2041.7586	0.20
E gls.29	0.2330	lin 3540	green	.139 mm	0.0139	1768.5121	0.18
E gls.30	0.2690	lin 3540	green	.139 mm	0.0139	2041.7586	0.20
E gls.31	0.2900	lin 3540	green	.139 mm	0.0139	2201.1524	0.22
E gls.32	0.2920	lin 3540	green	.139 mm	0.0139	2216.3328	0.22
E gls.33	0.2610	lin 3540	green	.139 mm	0.0139	1981.0372	0.20
E gls.35	0.2610	lin 3540	green	.139 mm	0.0139	1981.0372	0.20
E gls.36	0.2650	lin 3540	green	.139 mm	0.0139	2011.3979	0.20
E gls.37	0.2970	lin 3540	green	.139 mm	0.0139	2254.2837	0.23
E gls.38	0.3430	lin 3540	olive	.152 mm	0.0152	2380.7701	0.24
E gls.39	0.3040	lin 3540	olive	.152 mm	0.0152	2110.0703	0.21
E gls.40	0.3340	lin 3540	olive	.152 mm	0.0152	2318.3009	0.23

sample	H_2O (3500)	method	location	thickness	ppm H_2O	Wt% H_2O
C1X spec.5	0.9930	Lin 3572	inc plag	.134 mm	8294.2	0.83
C1X spec.7	0.4000	Lin 3581	Inc plag	.134 mm	3341.1	0.33
C1X spec.10	1.5800	Lin 3559	Inc plag	.199 mm	8886.5	0.89
C1X spec.13	0.7950	Lin 3567	Inc plag	.199 mm	4471.4	0.45
C1X spec.14	1.1940	Lin 3567	inc (edge)	.199 mm	6715.5	0.67
C1X spec.15	0.8850	Lin 3567	inc px	.242 mm	4093.1	0.41
C1X spec.16	1.0650	Lin 3567	inc px	.242 mm	4925.6	0.49
C1X spec.18 (C2BX)	0.8300	Lin 3567	Inc plag	.103 mm	9019.2	0.90
C2BX spec.0	0.5140	Lin 3567	Inc plag	.103 mm	5585.4	0.56
C2BX spec.2	0.8860	Lin 3567	Inc plag	.103 mm	9627.8	0.96
C2BX spec.4	1.0650	Lin 3559	Inc plag	.094 mm	14072.2	1.41
C2BX spec.5	0.7960	Lin 3559	Inc plag	.094 mm	9214.8	0.92
C2BX spec.8	1.2950	Lin 3559	Inc plag	.103 mm	12680.9	1.27
C2BX spec.10	1.2640	Lin 3559	Inc plag	.136 mm	10402.5	1.04
C2BX spec.11	0.3850	Lin 3559	Inc plag	.136 mm	3168.5	0.32
C2BX spec.12	0.4930	Lin 3559	inc px	.136 mm	4057.3	0.41
C2BX spec.13	0.4980	Lin 3559	inc px	.136 mm	4098.4	0.41
C2BX spec.14	0.2400	Lin 3559	inc px	.136 mm	1975.2	0.20
C2BX spec.16	0.2350	Lin 3559	Inc plag	.136 mm	1934.0	0.19
C2CX spec.0a	0.9590	Lin 3559	Inc plag	.173 mm	6204.4	0.62
C2CX spec.0	0.9490	Lin 3559	Inc plag	.150 mm	6139.7	0.61
C2CX2spec.0	0.9640	Lin 3559	Inc plag			
C2CX spec.1	0.8100	Lin 3559	Inc plag	.150 mm	5240.4	0.52
C2CX spec 82010.2	0.3970	Lin 3567	inc px	.191 mm	2326.4	0.23
C2CX spec 82010.4	0.1730	Lin 3560	inc px (?)	.191 mm	1013.8	0.10
C2CX spec 82010.7	0.5180	Lin 3534	inc px	.191 mm	3035.5	0.30
C2CX spec 82010.8	0.1630	Lin 3534	inc px	.191 mm	955.2	0.10
C2CX spec 82010.9	0.2100	Lin 3534	inc px	.191 mm	1230.6	0.12
C2CX spec 82010.10	0.1970	Lin 3534	inc px	.191 mm	1154.4	0.12
C2CX spec 82010.11	0.5230	Lin 3534	inc px	.191 mm	3064.8	0.31
C2CX spec 82010.12	0.3470	Lin 3534	inc px	.191 mm	2033.4	0.20
C2CX spec 82010.16	0.6230	Lin 3574a	inc plag	.191 mm	3650.8	0.37
C2CX spec 82010.17	0.7240	Lin 3574a	inc plag	.191 mm	4242.6	0.42
C2CX spec 82010.20	1.1110	Lin 3574a	inc plag	.191 mm	6510.4	0.65
C2CX spec 82010.22	0.6420	Lin 3574a	inc px	.191 mm	3762.1	0.38
C2CX spec 82010.29	0.5130	Lin 3574a	inc plag	.170 mm	3377.5	0.34
C2CX spec 82010.30	0.4810	Lin 3574a	inc plag	.160 mm	3364.8	0.34
C2CX spec 82010.32	1.3790	Lin 3574a	inc plag	.160 mm	9646.6	0.96
C2CX spec 82010.33	0.9020	Lin 3574a	inc plag	.160 mm	6309.8	0.63
C2CX2spec.3	0.1660	Lin 3574a	Inc plag		0.0	
C2CX spec 82010.35	0.5160	Lin 3574a	inc plag	.160 mm	3609.6	0.36
C2CX spec 82010.36	1.1250	Lin 3574a	embayed inc	.160 mm	7869.8	0.79
C2CX spec 82010.38	0.8750	Lin 3574a	inc plag	.160 mm	6120.9	0.61

C2DX spec 82010.0	0.2790	Lin 3564	inc plag	.114 mm	2739.2	0.27
C2DX spec 82010.1	0.2050	Lin 3564	inc plag	.114 mm	2012.7	0.20
C2DX spec 82010.2	0.1750	Lin 3564	inc plag	.114 mm	1718.2	0.17
C2DX spec 82010.3	0.6250	Lin 3564	inc plag	.114 mm	6136.3	0.61
C2DX spec 82010.4	0.7710	Lin 3564	inc plag	.114 mm	7569.7	0.76
C2DX spec 82010.5	0.2760	Lin 3564	inc plag	.114 mm	2709.8	0.27
C2DX spec 82010.9	0.4490	Lin 3564	inc plag	.114 mm	4408.3	0.44
C2DX spec 82010.10	0.7010	Lin 3564	inc plag	.114 mm	6882.4	0.69
C2DX spec 82010.15	0.6490	Lin 3564	inc px	.100 mm	7264.0	0.73
C2DX spec 82010.18	0.8360	Lin 3564	inc px	.100 mm	9357.0	0.94
C2DX spec 82010.20	0.6910	Lin 3564	inc plag	.100 mm	7734.0	0.77
C2DX spec 82010.21	0.4390	Lin 3564	inc plag	.100 mm	4913.5	0.49
C2DX spec 82010.22	0.3960	Lin 3564	inc px	.100 mm	4432.2	0.44
C2DX spec 82010.23	0.3990	Lin 3564	inc plag	.100 mm	4465.8	0.45
C2DX spec 82010.24	0.4970	Lin 3564	inc plag	.100 mm	5562.7	0.56
C2DX spec 82010.25	0.1820	Lin 3564	inc plag	.100 mm	2037.0	0.20
C2DX spec 82010.26	1.1050	Lin 3564	inc plag	.100 mm	12367.8	1.24
C2DX spec 82010.27	0.3410	Lin 3564	inc plag	.100 mm	3816.7	0.38
C2DX spec 82010.28	0.2350	Lin 3564	inc px	.100 mm	2630.2	0.26
C2DX spec 82010.30	0.4680	Lin 3564	inc px	.100 mm	5238.1	0.52
C2DX spec 82010.32	0.4030	Lin 3564	inc plag	.116 mm	3888.4	0.39
C2DX spec 82010.34	0.7900	Lin 3564	inc plag	.116 mm	7622.5	0.76
C2DX spec 82010.35	1.6920	Lin 3564	inc plag	.116 mm	16325.7	1.63
C2DX spec 82010.38	1.2060	Lin 3564	inc plag	.097 mm	13915.7	1.39
C2DX spec 82010.39	0.4100	Lin 3564	inc plag	.097 mm	4730.9	0.47
C2EX spec.0	1.5210	Lin 3574a	inc plag	.197 mm	8641.6	0.86
C2EX spec.1	0.2470	Lin 3574a	inc plag bub	.197 mm	1403.3	0.14
C2EX spec.4	0.3640	Lin 3574a	inc plag	.197 mm	2068.1	0.21
C2EX spec.5	0.3900	Lin 3574a	inc plag	.197 mm	2215.8	0.22
C2EX spec.8	1.1700	Lin 3574a	inc plag	.197 mm	6647.4	0.66
C2EX spec.9	0.8580	Lin 3574a	inc plag	.197 mm	4874.7	0.49
C2EX spec.10	0.3070	Lin 3574a	inc plag	.197 mm	1744.2	0.17
C2EX spec.14	1.0620	Lin 3574a	inc plag	.197 mm	6033.7	0.60
C2EX spec.15	0.5310	Lin 3574a	inc plag	.197 mm	3016.9	0.30
C2EX spec.16	1.1720	Lin 3574a	inc plag	.197 mm	6658.7	0.67
C2EX spec.22	0.2530	Lin 3574a	inc plag	.197 mm	1437.4	0.14
C2EX spec.32	0.4640	Lin 3574a	inc plag	.197 mm	2636.2	0.26
C2EX spec.33	0.2330	Lin 3574a	inc plag	.197 mm	1323.8	0.13
C2EX spec.35	0.8920	Lin 3574a	inc plag	.197 mm	5067.9	0.51
C2EX spec.39	0.7440	Lin 3574a	inc plag	.197 mm	4227.0	0.42
C2EX spec.44	0.5150	Lin 3574a	inc plag	.197 mm	2926.0	0.29
C2EX spec.45	0.4280	Lin 3574a	inc plag	.197 mm	2431.7	0.24
C2EX spec.46	0.8220	Lin 3574a	inc plag	.197 mm	4670.2	0.47
C2EX spec.49	0.5250	Lin 3574a	inc plag	.197 mm	2982.8	0.30
C2EX spec.51	1.8480	Lin 3574a	inc plag	.197 mm	10499.4	1.05

C2EX spec.52	0.9490	Lin 3574a	inc plag	.197 mm	5391.7	0.54
C2EX spec.54	0.3970	Lin 3574a	inc plag	.197 mm	2255.6	0.23
C2EX spec.56	0.4280	Lin 3574a	inc plag	.197 mm	2431.7	0.24
C2EX spec.60	1.3170	Lin 3574a	inc plag	.197 mm	7482.5	0.75
C2EX spec.62	0.0750	Lin 3574a	inc plag	.197 mm	426.1	0.04
C2EX spec.63	0.0730	Lin 3574a	inc plag	.197 mm	414.7	0.04
C2EX spec.64	0.1130	Lin 3574a	inc plag	.185 mm	683.7	0.07
C2EX spec.67	0.8540	Lin 3574a	inc plag	.185 mm	5166.7	0.52
C2EX spec.68	0.6250	Lin 3574a	inc plag	.185 mm	3781.3	0.38
C2EX spec.69	0.6820	Lin 3574a	inc plag	.185 mm	4126.1	0.41
C2EX spec.72	0.6920	Lin 3574a	inc plag	.185 mm	4186.6	0.42
C2FX spec.0	1.4000	Lin 3574a	inc plag	.151 mm	10377.2	1.04
C2FX spec.1	1.2970	Lin 3574a	inc plag	.151 mm	9613.7	0.96
C2FX spec.2	0.5900	Lin 3574a	inc plag	.151 mm	4373.2	0.44
C2FX spec.3	0.3340	Lin 3574a	inc plag	.151 mm	2475.7	0.25
C2FX spec.4	0.3700	Lin 3574a	inc plag	.151 mm	2742.5	0.27
C2FX spec.7	1.4310	Lin 3574a	inc plag	.141 mm	11359.2	1.14
C2FX spec.8	0.4720	Lin 3574a	inc plag	.141 mm	3746.7	0.37
C2FX spec.10	0.1260	Lin 3574a	inc plag	.141 mm	1000.2	0.10
C2FX spec.11	0.4880	Lin 3574a	inc plag	.141 mm	3873.7	0.39
C2FX spec.12	0.2620	Lin 3574a	inc plag	.141 mm	2079.7	0.21
C2FX spec.13	0.8900	Lin 3574a	inc plag	.141 mm	7064.8	0.71
C2FX spec.14	0.7660	Lin 3574a	inc plag	.141 mm	6080.5	0.61
C2FX spec.15	0.4210	Lin 3574a	inc plag	.141 mm	3341.9	0.33
C2FX spec.16	1.2800	Lin 3574a	inc plag	.141 mm	10160.6	1.02
C2GXspec.6	0.6670	lin 3552	inc plag	.100 mm	7465.4	0.75
C2GXspec.14	0.7400	lin 3545	inc plag	.100 mm	8282.5	0.83
C2GXspec.15	0.8530	lin 3574a	inc plag	.100 mm	9547.2	0.95
C2GXspec.18	0.3610	lin 3564	inc plag	.100 mm	4040.5	0.40
C2GXspec.20	0.2660	lin 3540	inc plag	.100 mm	2977.2	0.30
C2GXspec.23	1.2940	lin 3574a	inc plag	.100 mm	14483.2	1.45
C2GXspec.24	1.2690	lin 3570	inc plag	.100 mm	14203.3	1.42
C2GXspec.25	1.2660	lin 3567	inc plag	.100 mm	14169.8	1.42
C2GXspec.26	0.9920	lin 3559	inc plag	.100 mm	11103.0	1.11
C2GXspec.27	0.6910	lin 3581a	inc plag	.100 mm	7734.0	0.77
C2GXspec.28	0.3310	lin 3564	inc plag	.100 mm	3704.7	0.37
C2GXspec.30	1.1380	lin 3540	inc plag	.121 mm	10526.5	1.05
C2GXspec.31	1.0380	lin 3567	inc plag	.121 mm	9601.5	0.96
C2GXspec.33	0.5480	lin 3560	inc plag	.121 mm	5069.0	0.51
C2GXspec.34	0.9220	lin 3545	inc plag	.121 mm	8528.5	0.85
C2GXspec.35	0.8360	lin 3570	inc plag	.121 mm	7733.0	0.77
C2GXspec.38	1.1150	lin 3552	inc plag	.117 mm	10666.4	1.07
C2GXspec.39	0.6100	lin 3559	inc plag	.117 mm	5835.4	0.58
C2GXspec.40	0.5610	lin 3567	inc px	.117 mm	5366.7	0.54
C2GXspec.42	0.6700	lin 3581a	inc plag	.117 mm	6409.4	0.64

C2GXspec.9	0.5120	lin 3564	inc plag	.117 mm	4897.9	0.49
D1X spec.1	0.1580	Lin 3574a	inc plag	.207 mm	854.3	0.09
D1X spec.2	0.1570	Lin 3574a	inc plag	.207 mm	848.9	0.08
D1X spec.3	0.3260	Lin 3574a	inc plag	.207 mm	1762.7	0.18
D1X spec.6	0.3640	Lin 3574a	inc plag	.207 mm	1968.2	0.20
D1X spec.7	0.5500	Lin 3574a	inc plag	.207 mm	2973.9	0.30
D1X spec.8	0.1630	Lin 3574a	inc plag	.207 mm	881.3	0.09
D1X spec.9	0.3070	Lin 3574a	inc plag	.207 mm	1660.0	0.17
D1X spec.10	0.2540	Lin 3574a	inc plag	.207 mm	1373.4	0.14
D1X spec.11	0.6050	Lin 3574a	inc plag	.207 mm	3271.3	0.33
D1X spec.12	0.0860	Lin 3574a	inc px	.207 mm	465.0	0.05
D1X spec.13	0.0710	Lin 3574a	inc px	.207 mm	383.9	0.04
D1X spec.15	0.0680	Lin 3574a	inc px	.207 mm	367.7	0.04
D1X spec.17	0.3260	Lin 3574a	inc plag	.207 mm	1762.7	0.18
D1X spec.19	0.3540	Lin 3574a	inc plag	.207 mm	1914.1	0.19
D1X spec.21	0.0430	Lin 3574a	inc plag	.207 mm	232.5	0.02
D1X spec.26	0.8380	Lin 3574a	inc plag	.207 mm	4531.1	0.45
D1X2spec.1	0.8650	lin 3581a	inc plag	.076 mm	12738.9	1.27
D1X2spec.3	0.9580	lin 3581a	inc plag	.076 mm	14108.5	1.41
D1X2spec.4	0.3700	lin 3574a	inc plag	.076 mm	5449.0	0.54
D1X2spec.5	0.2580	lin 3574a	inc plag	.076 mm	3799.6	0.38
D1X2spec.12	0.4950	lin 3581a	inc plag	.076 mm	7289.9	0.73
D1X2spec.13	0.3660	lin 3574a	inc px	.076 mm	5390.1	0.54
D1X2spec.14	0.4090	lin 3564	inc px	.076 mm	6023.4	0.60
D1X2spec.15	0.1530	lin 3564	inc px	.076 mm	2253.2	0.23
D1X2spec.17	0.5620	lin 3578	inc px	.076 mm	8276.6	0.83
D1X2spec.19	0.6200	lin 3570	inc plag	.076 mm	9130.8	0.91
D1X2spec.22	1.2630	lin 3564	c plag, no ne	.076 mm	18600.2	1.86
D1X2spec.23	0.8350	lin 3574a	plag, necks	.076 mm	12297.1	1.23
D1X2spec.28	0.5490	lin 3570	inc plag	.076 mm	8085.1	0.81
D1X2spec.29	0.4700	lin 3581a	inc plag	.076 mm	6921.7	0.69
D1X2spec.33	0.4790	lin 3552	inc plag	.086 mm	6234.0	0.62
D1X2spec.34	0.3850	lin 3574a	inc plag	.086 mm	5010.6	0.50
D1X2spec.36	0.3980	lin 3567	inc plag	.086 mm	5179.8	0.52
D1X2spec.39	0.2610	lin 3581a	inc plag	.086 mm	3396.8	0.34
D1X2spec.40	0.4770	lin 3578	inc plag	.086 mm	6208.0	0.62
D1X2spec.43	0.5520	lin 3578	inc plag	.086 mm	7184.1	0.72
D1X2spec.47	0.2830	lin 3578	inc plag	.086 mm	3683.1	0.37
D1X2spec.48	0.2380	lin 3552	inc plag	.086 mm	3097.5	0.31
D1X2spec.49	0.2410	lin 3560	inc plag	.086 mm	3136.5	0.31
D1X2spec.53	0.3140	lin 3581a	inc plag	.086 mm	4086.6	0.41
D1X2spec.54	0.3150	lin 3574a	inc plag	.086 mm	4099.6	0.41
D1X2spec.55	0.5760	lin 3581a	inc plag	.086 mm	7496.4	0.75
D1X2spec.56	0.3610	lin 3570	inc plag	.086 mm	4698.3	0.47
D1X2spec.58	0.6190	lin 3581a	inc plag	.086 mm	8056.0	0.81
D1X2spec.59	0.3590	lin 3559	inc plag	.086 mm	4672.2	0.47

D1X2spec.60	0.4220	lin 3578	inc plag	.086 mm	5492.2	0.55
D1X2spec.61	0.4130	lin 3564	inc plag	.086 mm	5375.0	0.54
D1X2spec.62	0.2670	lin 3574a	inc plag	.086 mm	3474.9	0.35
D1X2spec.65	0.3580	lin 3564	inc px	.086 mm	4659.2	0.47
						0.00
D2X spec.0	0.1900	Lin 3417	inc plag	.126 mm	1687.8	0.17
D2X spec.1	0.5460	Lin 3418	inc plag	.126 mm	4850.1	0.49
D2X spec.2	0.3570	Lin 3419	inc plag	.126 mm	3171.2	0.32
D2X spec.3	0.2910	Lin 3420	inc plag	.126 mm	2584.9	0.26
D2X spec.4	0.0640	Lin 3421	inc plag	.126 mm	568.5	0.06
D2X spec.5	0.2850	Lin 3422	inc plag	.126 mm	2531.6	0.25
D2X spec.7	0.2810	Lin 3423	inc plag	.126 mm	2496.1	0.25
D2X spec.8	0.0780	Lin 3424	inc plag	.126 mm	692.9	0.07
D2X spec.9	0.5730	Lin 3574a	Inc plag	.116 mm	5528.7	0.55
D2X spec.10	0.6300	Lin 3574a	Inc plag	.116 mm	6078.7	0.61
D2X spec.11	0.5050	Lin 3574a	Inc plag	.116 mm	4872.6	0.49
D2X spec.13	0.1250	Lin 3574a	Inc plag	.116 mm	1206.1	0.12
D2X spec.14	0.3230	Lin 3574a	Inc plag	.116 mm	3116.5	0.31
D2X spec.15	0.5300	Lin 3574a	Inc plag	.116 mm	5113.8	0.51
D2X spec.18	0.9050	Lin 3574a	Inc plag	.137 mm	7393.6	0.74
D2X spec.19	0.8660	Lin 3574a	Inc plag	.137 mm	7075.0	0.71
D2X spec.20	0.2900	Lin 3574a	Inc plag	.137 mm	2369.2	0.24
D2X spec.28	1.3830	Lin 3574a	Inc plag	.137 mm	11298.8	1.13
D2X spec.29	0.3560	Lin 3574a	Inc plag	.137 mm	2908.4	0.29
D2X spec.30	0.2580	Lin 3574a	Inc plag	.137 mm	2107.8	0.21
D2X spec.35	1.5830	Lin 3574a	Inc plag	.128 mm	13842.0	1.38
D3X spec.2	0.2390	Lin 3574a	inc px	.176 mm	1519.9	0.15
D3X spec.5	0.1880	Lin 3574a	inc px	.176 mm	1195.6	0.12
D3X spec.6	0.2150	Lin 3574a	inc px	.176 mm	1367.3	0.14
D3X spec.7	0.2290	Lin 3574a	inc px	.176 mm	1456.3	0.15
D3X spec.8	0.2160	Lin 3574a	inc px	.176 mm	1373.6	0.14
D3X spec.9	0.4760	Lin 3574a	inc plag	.138 mm	3860.6	0.39
D3X spec.10	0.2100	Lin 3574a	inc plag	.138 mm	1703.2	0.17
D3X spec.11	0.2920	Lin 3574a	inc plag	.138 mm	2368.3	0.24
D3X spec.12	0.1460	Lin 3574a	inc plag	.089 mm	1836.1	0.18
D3X spec.13	0.6010	Lin 3574a	inc plag	.089 mm	7558.1	0.76
D3X spec.14	0.0980	Lin 3574a	inc plag	.092 mm	1192.2	0.12
D3X spec.15	0.0730	Lin 3574a	inc plag	.092 mm	888.1	0.09
D3X2.spec.1	0.4180	Lin 3574	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.4	0.2650	Lin 3574	inc px	.036 mm	#REF!	#REF!
D3X2.spec.5	0.1240	Lin 3574	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.6	0.2790	Lin 3570	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.8	0.1980	Lin 3574	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.11	0.0990	Lin 3564	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.14	0.1580	Lin 3581	inc plag	.036 mm	#REF!	#REF!
D3X2.spec.18	0.3040	Lin 3574	inc plag	.036 mm	#REF!	#REF!

D4X spec.5	1.0610	Lin 3567	inc plag	.197 mm	6028.1	0.60
D4X spec.9	0.6820	Lin 3567	inc plag	.197 mm	3874.8	0.39
D4X spec.10	0.5450	Lin 3567	inc plag	.197 mm	3096.4	0.31
D4X spec.13	0.1370	Lin 3567	Inc plag	.211 mm	726.7	0.07
D4X spec.14	1.1000	Lin 3567	Inc plag	.211 mm	5835.0	0.58
D4X spec.18	1.1950	Lin 3567	Inc plag	.211 mm	6338.9	0.63
D4X spec.22	0.8320	Lin 3567	Inc plag	.198 mm	4703.1	0.47
D4X spec.25	0.3940	Lin 3567	inc ?	.194 mm	2273.1	0.23
D4X spec.26	0.3990	Lin 3567	inc ?	.194 mm	2302.0	0.23
D4X spec.30	0.5110	Lin 3567	Inc plag	.172 mm	3325.2	0.33
D4X spec.31			?	.172 mm	0.0	0.00
D4X spec.35	0.1950	Lin 3567	Inc plag	.183 mm	1192.6	0.12
EX2spec.0	0.0930	lin 3552	inc plag	.086 mm	1210.4	0.12
EX2spec.1	0.0940	lin 3552	inc plag	.086 mm	1223.4	0.12
EX2spec.2	0.0510	lin 3552	inc plag	.086 mm	663.7	0.07
EX2spec.3	0.1060	lin 3552	inc plag	.086 mm	1379.5	0.14
EX2spec.4	0.1550	lin 3552	inc plag	.086 mm	2017.3	0.20

sample	H_2O (3500)	method	location	thickness	ppm H_2O	Wt% H_2O
C1X spec.3	1.0140	Lin 3531	edge glass	.134 mm	8469.6	0.85
C1X spec.4	1.1290	Lin 3531	edge glass	.134 mm	9430.1	0.94
C1X spec.6	0.9940	Lin 3531	edge glass	.134 mm	8302.5	0.83
C1X spec.8	1.2330	Lin 3560	edge glass	.134 mm	10298.8	1.03
C1X spec.17	0.9900	Lin 3567	edge glass	.242 mm	4578.8	0.46
C2BX spec.9	0.8480	Lin 3559	inc (edge)	.103 mm	9477.9	0.95
C2CX spec 82010.21	1.8950	Lin 3574a	edge glass	.191 mm	11104.6	1.11
C2DX spec 82010.40	1.5520	Lin 3564	edge glass	.097 mm	17908.1	1.79
C2EX spec.25	1.6840	Lin 3574a	glass	.197 mm	9567.6	0.96
C2EX spec.29	0.9610	Lin 3574a	glass	.197 mm	5459.9	0.55
C2EX spec.30	1.3470	Lin 3574a	glass	.197 mm	7653.0	0.77
C2EX spec.31	0.8480	Lin 3574a	glass	.197 mm	4817.9	0.48
C2GXspec.22	1.4280	lin 3564	edge glass	.100 mm	15983.0	1.60
D1X spec.22	0.1280	Lin 3574a	edge glass	.207 mm	692.1	0.07
D1X2spec.24	1.4800	lin 3552	edge glass	.076 mm	21796.0	2.18
D1X2spec.27	1.1380	lin 3566	edge glass	.076 mm	16759.4	1.68
D1X2spec.63	0.3690	lin 3550	edge glass	.086 mm	4802.4	0.48
D2X spec.31	1.6990	Lin 3574a	edge glass	.137 mm	13880.4	1.39
D4X spec.11	0.2160	Lin 3567	edge glass	.197 mm	1227.2	0.12
EX2spec.5	0.3250	lin 3552	edge glass	.086 mm	4229.7	0.42

Sample	2360/cm	thickness	wt% CO_2	ppm CO_2
	Height	(cm)		
C1 gls.21	0.005	0.018	0.001	5
C1 gls.26	0.012	0.018	0.001	13
C1 gls.32	0.030	0.026	0.002	22
C1 gls.33	0.036	0.026	0.003	27
C1 gls.36	0.063	0.024	0.005	52
C1 gls.37	0.021	0.024	0.002	17
C1 gls.38	0.025	0.022	0.002	23
C1 gls.41	0.004	0.022	0.000	4
C2C gls.3	0.001	0.008	0.000	2
C2CGspec.0	0.002	0.008	0.000	5
C2C gls.5	0.001	0.008	0.000	2
C2C gls.8	0.001	0.008	0.000	2
C2CGspec.5	0.004	0.008	0.001	10
C2CGspec.9	0.002	0.007	0.001	6
C2C gls.19	0.010	0.008	0.003	26
C2CGspec.14	0.003	0.008	0.001	8
C2C gls.23	0.031	0.010	0.006	64
C2C gls.25	0.010	0.010	0.002	21
C2CGspec.18	0.004	0.010	0.001	8
C2D gls.25	0.019	0.019	0.002	20
C2D gls.29	0.010	0.021	0.001	9
C2D gls.55	0.024	0.020	0.002	23
C2D gls.60	0.011	0.023	0.001	9
C2D gls.61	0.036	0.023	0.003	31
C2D gls.64	0.006	0.022	0.001	5
C2E_G.1	0.031	0.008	0.008	81
C2E_G.4	0.014	0.008	0.004	36
C2E_G.7	0.016	0.010	0.003	33
C2E_G.8	0.028	0.010	0.006	57
C2F gls.0	0.013	0.014	0.002	18
C2F gls.1	0.010	0.014	0.001	14
C2F gls.2	0.020	0.014	0.003	28
C2F gls.3	0.029	0.014	0.004	41
C2F gls.4	0.029	0.014	0.004	40
C2F gls.5	0.003	0.014	0.000	4
C2F gls.6	0.022	0.014	0.003	30
C2F gls.7	0.001	0.014	0.000	1
C2F gls.9	0.003	0.014	0.000	4
C2F gls.11	0.015	0.014	0.002	21
C2F gls.12	0.002	0.014	0.000	3
C2F gls.14	0.013	0.014	0.002	19
C2F gls.15	0.013	0.014	0.002	19
C2F gls.16	0.006	0.014	0.001	9
C2F gls.17	0.016	0.014	0.002	23
C2F gls.18	0.031	0.012	0.005	51
C2F gls.19	0.011	0.012	0.002	18
C2F gls.20	0.013	0.012	0.002	21

C2F gls.21	0.008	0.012	0.001	13
C2F gls.23	0.003	0.012	0.000	5
C2F gls.25	0.019	0.005	0.007	71
C2F gls.26	0.017	0.005	0.006	63
C2F gls.27	0.005	0.005	0.002	19
C2F gls.31	0.008	0.013	0.001	12
C2G gls.28	0.021	0.017	0.002	25
C2G-gls2.20	0.008	0.013	0.001	12
C2G-gls2.21	0.007	0.013	0.001	10
D1 gls.0	0.008	0.020	0.001	8
D2_G.0	0.038	0.005	0.014	142
D2_G.5	0.075	0.005	0.028	279
D2_G.11	0.040	0.009	0.009	93
D2_G.20	0.068	0.009	0.014	143
D2_G.22	0.024	0.009	0.005	50
D2_G.24	0.077	0.011	0.014	141
D2_G.26	0.054	0.011	0.010	99
D2_G.30	0.023	0.009	0.005	52
D3 gls.9	0.011	0.020	0.001	11
D3 gls.10	0.006	0.020	0.001	6
D3_G.5	0.017	0.005	0.006	62
D3_G.11	0.013	0.009	0.003	28
D3_G.12	0.045	0.006	0.015	151
D3_G.19	0.100	0.009	0.021	212
D3_G.20	0.024	0.009	0.005	51
D3_G.42	0.039	0.010	0.008	79
D3_G.43	0.020	0.010	0.004	40
D4_G.3	0.060	0.006	0.019	191
D4_G.5	0.020	0.006	0.006	64
D4_G.11	0.018	0.006	0.006	59
D4_G.12	0.012	0.006	0.004	39
D4_G.13	0.007	0.006	0.002	23
D4_G.16	0.007	0.006	0.002	24
D4_G.19	0.011	0.006	0.004	37
D4_G.20	0.019	0.006	0.006	65
D4_G.21	0.068	0.007	0.020	200
D4_G.22	0.029	0.007	0.009	85
D4_G.24	0.010	0.006	0.003	34
D4_G.31	0.010	0.008	0.003	26
D4_G.32	0.009	0.008	0.002	24
D4_G.36	0.001	0.007	0.000	3
E gls.0	0.005	0.021	0.000	5
E gls.4	0.025	0.021	0.002	24
E gls.7	0.027	0.018	0.003	30
E gls.8	0.061	0.018	0.007	68
E gls.11	0.026	0.018	0.003	29
E gls.15	0.001	0.017	0.000	1

E gls.17	0.060	0.017	0.007	68
E gls.18	0.028	0.015	0.004	37
E gls.21	0.047	0.015	0.006	63
E gls.28	0.116	0.014	0.016	165

Sample	2360/cm height	wt% CO2	thickness (cm)	ppm CO2
C1X spec.3	0.0280	0.0038	0.0134	38
C1X spec.4	0.0180	0.0024	0.0134	24
C1X spec.5	0.0170	0.0023	0.0134	23
C1X spec.6	0.0370	0.0050	0.0134	50
C1X spec.7	0.0200	0.0027	0.0134	27
C1X spec.8	0.0110	0.0015	0.0134	15
C1X spec.10	0.0560	0.0051	0.0199	51
C1X spec.13	0.0080	0.0007	0.0199	7
C1X spec.14	0.0030	0.0003	0.0199	3
C1X spec.18 (actually C2BX)	0.0200	0.0035	0.0103	35
C2BX spec.0	0.0150	0.0026	0.0103	26
C2BX spec.4	0.0120	0.0023	0.0094	23
C2BX spec.8	0.0120	0.0021	0.0103	21
C2BX spec.10	0.0050	0.0007	0.0136	7
C2BX spec.12	0.0070	0.0009	0.0136	9
C2BX spec.16	0.0290	0.0038	0.0136	38
C2CX spec.0a	0.0220	0.0023	0.0173	23
C2CX2spec.0	0.0110	0.0013	0.0150	13
C2CX spec 82010.2	0.0040	0.0004	0.0191	4
C2CX2spec.3	0.0190	0.0021	0.0160	21
C2EX spec.0	0.0280	0.0026	0.0197	26
C2EX spec.46	0.0770	0.0070	0.0197	70
C2EX spec.49	0.0260	0.0024	0.0197	24
C2EX spec.51	0.0120	0.0011	0.0197	11
C2EX spec.52	0.0330	0.0030	0.0197	30
C2EX spec.54	0.0100	0.0009	0.0197	9
D2X spec.0	0.0280	0.0040	0.0126	40
D2X spec.5	0.0400	0.0057	0.0126	57
D2X spec.15	0.0340	0.0053	0.0116	53
D2X spec.35	0.0670	0.0094	0.0128	94
D3X spec.2	0.0060	0.0006	0.0176	6
D3X spec.5	0.0410	0.0042	0.0176	42
D3X spec.6	0.0140	0.0014	0.0176	14
D3X spec.7	0.0190	0.0019	0.0176	19
D3X spec.8	0.0270	0.0028	0.0176	28
D3X spec.9	0.0070	0.0007	0.0176	7
D3X spec.11	0.0080	0.0010	0.0138	10
D3X spec.12	0.0430	0.0087	0.0089	87
D3X spec.13	0.0240	0.0048	0.0089	48
D3X spec.15	0.0100	0.0020	0.0092	20

D4Xspec.37	0.0260	0.0023	0.0207	23
D4Xspec.38	0.0180	0.0016	0.0207	16
D4X spec.5	0.0060	0.0005	0.0197	5
D4X spec.10	0.0160	0.0015	0.0197	15
D4X spec.13	0.0130	0.0011	0.0211	11
D4X spec.14	0.0100	0.0009	0.0211	9
D4X spec.18	0.0360	0.0031	0.0211	31
D4X spec.22	0.0130	0.0012	0.0198	12
D4X spec.30	0.0550	0.0057	0.0172	57
D4X spec.31	0.0430	0.0045	0.0172	45
D4X spec.35	0.0570	0.0056	0.0183	56

	Microprobe analysis												
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
1	C2EGA1	6.37	0.19	10.62	2.80	0.42	1.98	15.11	13.25	45.11	0.16	96.00	
2	C2EGA2	6.19	0.22	10.74	2.74	0.39	1.98	14.84	13.03	47.14	0.21	97.49	
3	C2EGA3	6.27	0.24	10.68	2.77	0.39	2.00	15.03	13.24	46.94	0.21	97.76	
4	C2EGA4	6.19	0.20	10.68	2.71	0.38	2.01	14.90	13.31	48.47	0.19	99.05	
5	C2EGA5	6.38	0.24	10.57	2.88	0.38	1.99	14.86	13.58	49.50	0.25	100.62	
6	C2EGB1	6.20	0.24	10.70	2.44	0.36	1.96	15.09	13.24	48.78	0.20	99.22	
7	C2EGB2	6.05	0.20	10.60	2.82	0.37	1.97	14.84	13.28	47.01	0.21	97.34	
8	C2EGB3	6.16	0.22	10.66	2.63	0.39	1.98	14.90	13.37	47.58	0.17	98.06	
9	C2EGB4	6.22	0.21	10.72	2.77	0.35	2.04	14.74	13.24	48.89	0.23	99.41	
10	C2EGB5	6.09	0.20	10.72	2.75	0.39	2.04	14.73	13.39	47.80	0.28	98.37	
11	C2EGB6	6.18	0.26	10.66	2.71	0.41	2.04	15.03	13.18	48.30	0.24	99.02	
12	C2EGB7	6.14	0.22	10.78	2.70	0.39	2.01	14.89	13.38	47.93	0.23	98.67	
13	C2EGC1	6.17	0.27	10.59	2.66	0.41	2.07	14.79	13.28	48.56	0.22	99.01	
14	C2EGC2	6.09	0.21	10.43	2.73	0.38	1.99	14.63	13.54	48.60	0.19	98.81	
15	C2EGC3	6.16	0.23	10.51	2.77	0.40	2.02	14.95	13.57	49.38	0.18	100.18	
16	C2EGC4	6.04	0.23	10.64	2.77	0.43	2.02	15.12	13.36	47.99	0.16	98.77	
17	C2EGC5	0.17	0.00	16.99	1.98	0.04	0.03	0.95	33.13	45.33	0.00	98.63	
18	C2EGC6	0.42	0.00	15.76	2.60	0.08	0.14	1.67	31.34	47.50	0.00	99.52	
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
27	C2FGA1	5.58	0.27	10.16	2.19	0.37	2.12	15.80	12.74	47.46	0.29	96.97	
28	C2FGA2	5.63	0.27	10.18	2.56	0.39	2.17	15.99	13.20	48.67	0.25	99.30	
29	C2FGA3	5.64	0.23	10.13	2.66	0.33	2.15	15.88	13.09	48.69	0.22	99.02	
30	C2FGA4	5.63	0.25	10.21	2.73	0.36	2.18	15.58	12.97	48.87	0.25	99.02	
31	C2FGA5	5.54	0.23	10.27	2.67	0.35	2.21	15.74	13.05	47.38	0.22	97.67	
32	C2FGB1	5.82	0.27	10.07	2.76	0.32	2.11	15.88	12.96	48.82	0.20	99.20	
33	C2FGB2	5.66	0.27	10.15	2.79	0.37	2.15	15.65	13.10	48.02	0.29	98.45	
34	C2FGB3	5.69	0.28	10.04	2.83	0.38	2.10	15.86	13.08	46.74	0.27	97.27	
35	C2FGB4	5.74	0.25	10.19	2.83	0.41	2.13	15.87	13.13	47.83	0.20	98.59	
36	C2FGB5	5.68	0.29	10.11	2.78	0.35	2.16	15.86	13.10	47.16	0.22	97.73	
37	C2FGC1	6.34	0.23	10.74	2.64	0.26	1.89	14.18	13.48	48.57	0.21	98.54	
38	C2FGC2	6.33	0.21	10.82	2.65	0.32	1.98	14.35	13.44	49.26	0.26	99.62	
39	C2FGC3	6.24	0.23	10.72	2.71	0.32	1.95	14.26	13.64	48.19	0.22	98.48	
40	C2FGC4	6.07	0.24	10.85	2.74	0.29	1.93	14.42	13.44	46.96	0.24	97.19	
41	C2FGC5	6.28	0.21	10.72	2.69	0.30	1.94	14.55	13.24	48.04	0.20	98.17	
42	C2FGD1	6.10	0.23	10.58	2.73	0.35	1.96	14.63	13.39	49.62	0.21	99.80	
43	C2FGD2	6.14	0.22	10.51	2.70	0.33	1.95	14.68	13.37	47.36	0.26	97.53	

44	C2FGD3	6.11	0.22	10.69	2.80	0.37	1.91	14.57	13.38	48.42	0.25	98.73	
45	C2FGD4	6.14	0.24	10.45	2.72	0.36	1.94	14.69	13.51	48.36	0.21	98.63	
46	C2FGD5	6.16	0.24	10.53	2.74	0.33	1.98	14.62	13.52	49.06	0.17	99.36	
47	C2FGE1	6.86	0.24	11.57	2.38	0.24	1.72	13.54	13.74	47.91	0.22	98.44	
48	C2FGE2	6.86	0.23	11.61	2.40	0.26	1.71	13.74	13.42	48.38	0.21	98.83	
49	C2FGE3	7.21	0.25	11.65	2.47	0.25	1.69	13.37	13.73	47.90	0.18	98.69	
50	C2FGE4	6.86	0.24	11.37	2.44	0.25	1.71	13.48	13.86	47.80	0.23	98.25	
51	C2FGE5	6.99	0.23	11.45	2.45	0.26	1.74	13.30	13.83	47.65	0.15	98.06	
52	C2FGF1	4.79	0.28	9.18	2.67	0.56	2.22	15.75	13.02	50.01	0.31	98.79	
53	C2FGF2	4.64	0.22	8.69	2.86	0.62	2.27	15.56	13.00	51.72	0.25	99.84	
54	C2FGF3	5.51	0.26	10.11	2.58	0.46	2.11	15.08	13.19	49.18	0.22	98.71	
55	C2FGF4	5.80	0.25	10.39	2.04	0.40	2.02	15.53	13.27	48.71	0.24	98.65	
56	C2FGF5	4.56	0.23	8.63	2.51	0.73	2.26	16.08	12.95	51.03	0.27	99.25	
62	C2FGG1	5.41	0.23	3.00	0.29	0.57	1.17	11.71	15.58	52.15	0.02	90.13	
63	C2FGG2	5.52	0.17	3.02	0.30	0.57	0.27	11.21	15.93	53.18	0.03	90.20	
57	C2FGI1	5.16	0.25	9.58	2.73	0.60	2.06	15.55	13.19	50.14	0.29	99.56	
58	C2FGI2	0.19	0.01	16.84	2.01	0.02	0.01	0.77	32.98	46.68	0.05	99.56	
59	C2FGI3	4.86	0.27	9.40	2.64	0.61	2.20	15.69	13.07	51.06	0.26	100.07	
60	C2FGI4	4.88	0.27	9.29	2.72	0.57	2.18	15.67	13.07	50.77	0.23	99.66	
61	C2FGI5	0.21	0.00	16.20	2.12	0.06	0.03	1.12	32.49	46.08	0.02	98.32	
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
1	D2GA1	7.11	0.19	11.61	2.52	0.27	1.76	13.42	13.77	48.14	0.17	98.96	
2	D2GA2	6.86	0.23	11.70	2.41	0.30	1.75	13.66	13.72	49.05	0.18	99.85	
3	D2GA3	0.00	0.00	0.00	0.00	0.02	1.66	0.24	0.05	88.27	0.02	90.26	
4	D2GA4	6.41	0.19	11.64	2.50	0.35	1.77	13.52	14.05	48.07	0.17	98.67	
5	D2GA5	6.78	0.20	11.41	2.52	0.32	1.82	13.72	13.86	49.15	0.22	99.98	
11	D2GB1	6.15	0.23	10.61	2.73	0.36	2.00	15.07	13.50	48.81	0.19	99.64	
12	D2GB2	6.06	0.23	10.59	2.60	0.37	1.96	15.01	13.35	48.14	0.24	98.55	
13	D2GB3	6.04	0.21	10.70	2.70	0.34	2.03	14.73	13.43	48.76	0.16	99.09	
14	D2GB4	6.06	0.23	10.58	2.77	0.33	1.91	14.69	13.29	49.07	0.25	99.20	
15	D2GB5	6.07	0.21	10.58	2.64	0.30	1.94	15.05	13.42	48.54	0.23	98.99	
16	D2GB6	6.17	0.24	10.54	2.67	0.31	1.96	14.89	13.38	48.51	0.24	98.91	
6	D2GC1	4.75	0.24	8.91	2.88	0.52	2.82	16.74	12.79	49.36	0.33	99.34	
7	D2GC2	4.72	0.26	9.04	2.96	0.55	2.83	16.90	12.63	49.76	0.31	99.95	
8	D2GC3	4.74	0.28	8.82	2.93	0.52	2.89	16.08	12.86	49.61	0.33	99.05	
9	D2GC4	4.84	0.27	8.98	3.02	0.55	2.85	16.83	12.81	48.68	0.32	99.16	
10	D2GC5	4.63	0.23	9.02	2.89	0.52	2.79	16.27	12.71	49.33	0.37	98.75	
17	D2GD1	7.13	0.25	11.90	2.35	0.26	1.66	13.62	13.94	47.88	0.22	99.20	
18	D2GD2	7.01	0.18	11.86	2.28	0.29	1.70	13.34	13.75	48.00	0.21	98.63	

19	D2GD3	6.66	0.23	11.52	2.28	0.29	1.84	13.66	13.65	48.94	0.28	99.35	
20	D2GD4	6.92	0.20	11.75	2.46	0.32	1.82	13.87	13.69	47.85	0.22	99.10	
21	D2GD5	7.04	0.19	11.83	2.41	0.27	1.65	13.58	14.00	47.73	0.21	98.91	
22	D2GE1	5.88	0.26	10.59	2.66	0.34	1.98	14.84	13.46	48.93	0.23	99.17	
23	D2GE2	6.00	0.26	10.56	2.71	0.33	1.96	14.63	13.43	49.60	0.21	99.67	
24	D2GE3	6.01	0.21	10.57	2.78	0.33	1.94	14.74	13.12	48.74	0.20	98.66	
25	D2GE4	5.89	0.26	10.64	2.65	0.38	1.97	14.99	13.12	47.97	0.23	98.10	
26	D2GE5	6.03	0.23	10.63	2.67	0.35	2.03	14.61	13.23	49.10	0.26	99.14	
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
19	D3G1B1	4.53	0.23	8.55	3.13	0.57	2.81	15.66	13.17	51.97	0.32	100.93	
20	D3G1B2	4.52	0.27	8.73	2.82	0.53	2.74	16.25	12.97	51.37	0.31	100.51	
21	D3G1B3	4.71	0.23	8.95	2.86	0.59	2.83	16.52	13.12	51.55	0.31	101.66	
22	D3G1B4	4.79	0.26	8.94	3.05	0.53	2.74	16.88	13.11	51.22	0.28	101.79	
23	D3G1B5	4.70	0.22	8.83	2.98	0.58	2.86	16.29	12.91	49.79	0.27	99.42	
24	D3G1B6	4.68	0.24	8.81	2.87	0.69	2.85	16.77	12.90	45.78	0.30	95.90	
25	D3G1B7	4.53	0.26	8.74	2.88	0.66	2.82	16.93	12.33	43.67	0.34	93.16	
26	D3G1B8	5.87	0.20	10.29	2.84	0.42	2.67	14.12	13.61	49.74	0.33	100.11	
27	D3G1A1	4.66	0.25	8.81	2.81	0.60	2.79	16.78	12.99	47.05	0.28	97.01	
28	D3G1A2	4.60	0.25	9.01	3.12	0.61	2.85	16.93	13.03	47.56	0.32	98.29	
29	D3G1A3	4.65	0.25	9.09	3.00	0.60	2.84	16.91	12.83	49.38	0.36	99.91	
30	D3G1A4	4.47	0.29	8.91	3.05	0.60	2.87	16.95	12.84	47.54	0.33	97.85	
31	D3G1A5	4.63	0.24	9.03	2.98	0.63	2.90	17.09	12.83	46.42	0.39	97.12	
32	D3G1A6	4.56	0.29	9.01	2.93	0.64	2.82	17.03	12.63	46.21	0.32	96.44	
33	D3G1A7	4.71	0.26	9.03	3.07	0.59	2.92	16.62	12.94	49.13	0.37	99.65	
34	D3G1A8	4.67	0.25	8.92	2.92	0.61	2.75	17.20	12.95	46.45	0.30	97.03	
35	D3G1C1	4.79	0.22	8.99	3.11	0.61	2.76	16.98	12.91	46.85	0.29	97.50	
36	D3G1C2	4.79	0.23	9.04	2.97	0.54	2.89	16.88	12.92	47.72	0.32	98.31	
37	D3G1C3	4.86	0.26	9.03	2.89	0.61	2.90	17.12	12.94	47.90	0.32	98.83	
38	D3G1C4	4.84	0.23	9.01	2.97	0.58	2.81	16.94	12.74	48.07	0.40	98.58	
39	D3G1C5	3.80	0.20	7.54	2.30	0.57	2.34	14.30	20.91	38.63	0.27	90.85	
40	D3G1C6	4.87	0.27	8.89	3.03	0.56	2.80	17.22	12.82	47.61	0.37	98.43	
41	D3G1C7	4.75	0.27	8.96	3.08	0.54	2.73	16.58	12.98	48.87	0.35	99.12	
42	D3G1C8	4.94	0.22	9.00	2.98	0.56	2.76	16.50	12.97	50.65	0.32	100.90	
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
1	D3G2A1	6.23	0.25	10.45	2.81	0.29	2.07	14.97	13.57	47.92	0.15	98.70	
2	D3G2A2	6.06	0.23	10.43	2.80	0.39	2.04	15.01	13.49	48.35	0.16	98.96	
3	D3G2A3	6.13	0.25	10.47	2.87	0.38	1.97	14.81	13.26	48.08	0.19	98.42	
4	D3G2A4	6.01	0.24	10.34	2.70	0.35	1.98	14.63	13.16	47.52	0.19	97.11	

5	D3G2A5	6.14	0.25	10.56	2.78	0.34	1.97	14.86	13.15	49.07	0.17	99.29	
6	D3G2B1	5.55	0.26	9.87	2.80	0.36	2.19	15.99	13.05	47.65	0.13	97.85	
7	D3G2B2	5.56	0.24	10.00	2.82	0.35	2.22	15.77	13.02	48.23	0.21	98.42	
8	D3G2B3	5.56	0.20	9.91	2.80	0.37	2.22	16.02	12.92	46.65	0.24	96.88	
9	D3G2B4	5.51	0.26	9.94	2.75	0.33	2.13	15.84	12.98	48.52	0.17	98.43	
10	D3G2B5	5.51	0.22	10.07	2.75	0.40	2.22	15.58	12.92	49.18	0.15	99.01	
11	D3G2C1	1.38	0.14	3.95	2.90	1.82	1.25	6.73	12.92	65.85	0.23	97.16	
12	D3G2C2	1.19	0.10	3.67	3.09	2.01	1.39	6.48	13.17	64.43	0.32	95.85	
13	D3G2C3	1.48	0.15	4.26	3.07	1.82	1.28	7.30	13.07	64.58	0.34	97.34	
14	D3G2C4	1.23	0.15	3.90	3.08	1.90	1.19	5.87	13.08	66.52	0.33	97.26	
15	D3G2C5	1.47	0.18	4.31	2.99	1.67	1.36	7.62	13.00	64.70	0.27	97.57	
16	D3G2D1	6.68	0.23	11.21	2.43	0.32	1.72	13.61	13.65	45.64	0.16	95.65	
17	D3G2D2	6.86	0.23	11.51	2.52	0.27	1.78	13.54	13.74	47.47	0.13	98.05	
18	D3G2D3	6.81	0.22	11.53	2.51	0.28	1.73	13.52	13.89	47.56	0.12	98.15	
19	D3G2D4	6.80	0.22	11.33	2.52	0.28	1.75	13.41	13.81	48.60	0.18	98.88	
20	D3G2D5	6.72	0.20	11.48	2.53	0.23	1.74	13.63	13.67	47.44	0.15	97.80	
21	D3G2E1	6.54	0.22	11.20	2.52	0.31	1.80	13.73	13.78	47.86	0.18	98.14	
22	D3G2E2	6.77	0.22	11.29	2.50	0.30	1.77	13.27	13.82	47.98	0.18	98.10	
23	D3G2E3	6.62	0.28	11.35	2.53	0.34	1.76	13.67	13.79	48.37	0.18	98.89	
24	D3G2E4	6.54	0.22	11.23	2.50	0.28	1.78	13.46	13.88	48.22	0.13	98.24	
25	D3G2E5	6.62	0.25	11.32	2.48	0.30	1.78	13.49	13.85	47.94	0.17	98.20	
26	D3G2F1	0.07	0.00	10.03	5.92	0.20	0.01	0.73	27.27	55.44	0.00	99.68	
27	D3G2F2	0.75	0.14	2.72	3.41	2.30	0.85	4.54	12.66	70.72	0.14	98.24	
28	D3G2F3	0.79	0.10	2.60	3.45	2.22	0.88	4.42	12.54	70.59	0.17	97.76	
29	D3G2F4	0.08	0.00	10.23	5.73	0.22	0.03	0.63	27.00	54.70	0.00	98.63	
30	D3G2F5	14.14	0.79	18.99	0.29	0.01	0.55	13.82	1.36	49.43	0.00	99.40	
31	D3G2F6	0.08	0.00	10.31	5.70	0.17	0.03	0.71	27.47	54.93	0.00	99.39	
32	D3G2G1	6.85	0.23	11.59	2.40	0.28	1.69	13.55	13.69	46.47	0.10	96.85	
33	D3G2G2	6.88	0.23	11.76	2.41	0.28	1.70	13.35	13.90	47.73	0.16	98.40	
34	D3G2G3	6.70	0.20	11.61	2.40	0.28	1.72	13.46	13.74	46.02	0.15	96.28	
35	D3G2G4	6.73	0.23	11.51	2.39	0.30	1.71	13.44	13.70	44.77	0.17	94.95	
36	D3G2G5	6.76	0.20	11.58	2.38	0.28	1.72	13.16	13.69	46.34	0.17	96.27	
37	D3G2H1	6.10	0.23	10.58	2.66	0.34	1.99	14.58	13.35	48.21	0.17	98.22	
38	D3G2H2	6.19	0.26	10.46	2.78	0.37	1.95	14.66	13.42	48.48	0.14	98.71	
39	D3G2H3	6.12	0.27	10.49	2.73	0.34	1.97	14.54	13.28	48.28	0.14	98.16	
40	D3G2H4	6.11	0.21	10.60	2.73	0.34	2.04	14.76	13.27	48.36	0.14	98.55	
41	D3G2H5	6.04	0.21	10.52	2.74	0.35	1.96	14.28	13.39	48.73	0.19	98.42	
42	D3G2I1	0.64	0.10	2.41	2.44	2.37	0.84	3.74	12.28	70.19	0.13	95.13	
43	D3G2I2	0.60	0.08	2.22	3.08	2.59	0.80	3.67	12.43	70.08	0.11	95.64	
44	D3G2I3	0.67	0.09	2.37	3.23	2.24	0.81	3.89	12.31	71.25	0.09	96.94	

45	D3G2I4	0.08	0.01	10.13	5.98	0.16	0.05	0.65	27.12	56.41	0.00	100.58	
46	D3G2I5	0.08	0.01	10.10	5.98	0.21	0.04	0.64	27.31	53.85	0.00	98.22	
47	D3G2J1	4.79	0.23	8.90	3.05	0.55	2.83	16.90	12.92	47.34	0.32	97.83	
48	D3G2J2	4.88	0.23	8.84	3.00	0.49	2.85	16.14	12.60	48.90	0.29	98.22	
49	D3G2J3	4.90	0.26	9.00	2.84	0.48	2.81	16.75	12.94	49.91	0.23	100.12	
50	D3G2J4	4.71	0.25	8.89	2.91	0.56	2.85	16.36	13.00	49.06	0.29	98.88	
51	D3G2J5	4.80	0.25	8.80	2.85	0.52	2.89	16.08	12.88	48.50	0.36	97.92	
52	D3G2K1	0.89	0.10	3.01	3.40	2.28	0.92	4.81	12.75	68.57	0.13	96.86	
53	D3G2K2	0.88	0.07	2.83	3.20	2.18	0.97	4.66	12.77	70.95	0.13	98.64	
54	D3G2K3	0.89	0.09	2.85	3.29	2.32	0.93	4.68	12.83	69.78	0.20	97.86	
55	D3G2K4	0.79	0.08	2.73	3.20	2.25	0.92	4.56	12.85	71.79	0.20	99.36	
56	D3G2K5	0.80	0.09	2.62	3.16	2.45	0.91	4.19	12.65	70.13	0.15	97.15	
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
1	D4GA1		0.12	2.63	3.27	2.21	0.80	3.97	12.38	71.72	0.15	97.98	
2	D4GA2		0.13	2.48	3.16	2.49	0.86	4.00	12.53	70.41	0.10	96.89	
3	D4GA3		0.12	2.63	3.07	2.27	0.81	3.91	12.59	69.87	0.18	96.15	
4	D4GA4		0.09	2.47	3.27	2.59	0.78	3.97	12.52	69.19	0.15	95.70	
5	D4GA5		0.10	2.39	3.27	2.29	0.78	3.96	12.52	69.34	0.18	95.52	
6	D4GA6		0.10	2.49	3.42	2.43	0.84	3.94	12.81	71.03	0.19	97.97	
7	D4GB1		0.27	10.88	2.70	0.34	1.94	14.23	13.44	49.79	0.25	100.24	
8	D4GB2		0.22	11.24	2.54	0.27	1.85	13.90	13.90	48.14	0.22	98.84	
9	D4GB3		0.28	11.27	2.50	0.32	1.83	14.18	14.05	49.09	0.18	100.43	
10	D4GB4		0.24	11.14	2.51	0.30	1.93	13.99	14.04	47.79	0.18	98.77	
11	D4GB5		0.27	10.83	2.69	0.34	1.88	14.14	13.62	48.85	0.20	99.33	
12	D4GB6		0.22	10.96	2.60	0.37	1.92	14.29	13.80	48.68	0.18	99.42	
13	D4GC1		0.23	9.04	2.75	0.58	2.93	16.98	12.99	49.66	0.30	100.00	
14	D4GC2		0.28	8.87	2.74	0.61	2.96	16.93	12.85	49.70	0.39	99.64	
15	D4GC3		0.33	8.82	2.98	0.54	2.87	16.61	12.85	49.34	0.31	99.19	
16	D4GC4		0.26	8.95	2.85	0.57	2.89	16.86	12.76	49.04	0.32	99.13	
17	D4GC5		0.28	9.01	2.96	0.55	2.88	17.05	12.93	49.24	0.33	99.83	
18	D4GC6		0.30	8.93	3.02	0.53	2.87	16.72	12.97	49.13	0.30	99.28	
19	D4GD1		0.22	11.65	2.35	0.29	1.69	13.34	13.90	47.38	0.18	98.16	
20	D4GD2		0.23	11.80	2.48	0.26	1.71	13.32	13.82	48.16	0.19	99.04	
21	D4GD3		0.19	11.71	2.45	0.29	1.69	13.36	13.86	47.16	0.18	98.06	
22	D4GD4		0.19	11.73	2.38	0.27	1.73	13.26	13.91	47.33	0.25	98.28	
23	D4GD5		0.23	11.75	2.40	0.29	1.71	13.34	13.89	47.42	0.19	98.27	
24	D4GD6		0.23	9.94	2.63	0.35	2.20	15.78	13.06	47.52	0.24	97.56	
25	D4GD7		0.24	11.79	2.31	0.24	1.68	13.46	13.74	46.97	0.17	97.61	
26	D4GE1		0.21	8.99	2.94	0.62	2.22	15.81	12.92	49.66	0.25	98.37	

27	D4GE2		0.26	8.85	3.00	0.66	2.26	15.97	12.96	48.48	0.24	97.36	
28	D4GE3		0.24	8.68	3.13	0.76	2.31	15.98	12.74	50.08	0.19	98.59	
29	D4GE4		0.25	8.58	3.08	0.63	2.20	15.71	12.76	50.35	0.26	98.38	
30	D4GE5		0.25	8.95	3.01	0.64	2.23	16.08	12.72	49.48	0.27	98.29	
31	D4GF1		0.25	10.19	2.86	0.38	2.19	16.00	13.12	48.89	0.23	99.68	
32	D4GF2		0.27	10.06	2.70	0.39	2.22	16.17	13.19	48.62	0.25	99.46	
33	D4GF3		0.25	10.10	2.70	0.43	2.23	15.71	13.06	47.10	0.26	97.34	
34	D4GF4		0.26	10.07	2.77	0.37	2.20	15.86	12.93	48.35	0.22	98.56	
35	D4GG1		0.12	2.47	3.05	2.20	0.88	4.25	12.60	73.36	0.20	99.87	
36	D4GG2		0.10	2.44	2.82	2.18	0.88	3.76	12.56	73.11	0.13	98.65	
37	D4GG3		0.16	2.39	3.13	2.38	0.86	4.60	12.69	70.60	0.19	97.72	
38	D4GH1		0.23	11.83	2.46	0.24	1.71	13.09	13.70	47.70	0.18	98.44	
39	D4GH2		0.21	11.74	2.44	0.28	1.68	13.26	13.94	45.28	0.16	96.09	
40	D4GH3		0.23	11.92	2.41	0.26	1.71	13.49	13.66	46.82	0.15	97.83	
41	D4GH4		0.25	11.91	2.36	0.27	1.68	13.40	13.77	46.72	0.16	97.68	
42	D4GH5		0.23	11.80	2.37	0.27	1.64	13.13	13.88	47.79	0.11	98.30	
43	D4GI1		0.22	11.68	2.57	0.30	1.66	13.42	13.97	46.92	0.18	98.11	
44	D4GI2		0.21	11.82	2.42	0.25	1.73	13.33	13.87	48.43	0.22	99.41	
45	D4GI3		0.23	11.77	2.51	0.27	1.76	13.36	14.05	47.64	0.16	98.81	
46	D4GI4		0.25	11.39	2.52	0.28	1.72	13.67	13.81	46.74	0.23	97.44	
47	D4GI5		0.22	11.54	2.50	0.30	1.80	13.44	13.89	47.38	0.22	98.14	
48	D4GJ1		0.28	8.90	2.84	0.55	2.80	16.81	12.81	48.27	0.40	98.41	
49	D4GJ2		0.27	8.95	2.90	0.54	2.91	16.49	12.76	48.62	0.39	98.66	
50	D4GJ3		0.24	8.84	2.95	0.52	2.80	17.21	12.91	48.32	0.36	98.97	
51	D4GJ4		0.29	8.99	3.01	0.53	2.79	16.78	12.70	47.80	0.25	97.86	
52	D4GJ5		0.27	8.97	3.02	0.53	2.86	16.86	12.84	49.08	0.36	99.56	
53	D4GK1		0.30	8.94	2.98	0.53	2.80	17.01	12.78	47.31	0.30	97.80	
54	D4GK2		0.28	8.86	3.00	0.58	2.78	16.62	12.88	48.13	0.27	98.19	
55	D4GK3		0.26	8.89	3.07	0.57	2.79	16.48	12.87	48.29	0.33	98.31	
56	D4GK4		0.30	8.94	2.77	0.47	2.90	16.62	12.71	47.96	0.39	97.91	
57	D4GK5		0.24	8.85	3.03	0.58	2.79	16.57	12.82	48.33	0.36	98.34	
1	D4GlineG	0.72	0.13	2.43	1.97	2.31	0.88	3.88	12.36	73.63	0.12	98.42	
2	D4GlineG	0.61	0.11	2.41	1.93	2.44	0.85	3.56	12.35	74.24	0.13	98.65	
3	D4GlineG	0.68	0.12	2.44	1.91	2.33	0.85	3.94	12.33	74.54	0.14	99.29	
4	D4GlineG	0.72	0.14	2.50	1.96	2.45	0.87	3.86	12.08	73.59	0.15	98.32	
5	D4GlineG	0.68	0.14	2.37	2.01	2.34	0.84	3.88	12.15	74.11	0.11	98.62	
6	D4GlineG	0.66	0.13	2.27	2.03	2.33	0.90	3.89	12.25	74.00	0.17	98.64	
7	D4GlineG	0.74	0.10	2.37	2.04	2.32	0.84	4.16	12.15	73.85	0.15	98.71	
8	D4GlineG	0.79	0.12	2.66	2.21	2.43	0.85	4.31	12.05	73.36	0.13	98.92	
9	D4GlineG	0.72	0.13	2.40	1.97	2.35	0.85	4.03	12.15	74.10	0.19	98.88	

10	D4GlineG	0.66	0.15	2.36	2.29	2.42	0.89	3.69	12.06	73.70	0.17	98.39	
11	D4GlineG	0.84	0.13	2.71	1.99	2.32	0.90	4.12	11.99	73.17	0.10	98.29	
12	D4GlineG	0.75	0.13	2.43	2.30	2.43	0.89	4.08	12.02	73.25	0.20	98.48	
13	D4GlineG	0.68	0.12	2.30	2.16	2.39	0.86	3.50	12.10	74.08	0.15	98.33	
14	D4GlineG	0.78	0.12	2.52	2.11	2.42	0.86	4.05	12.22	73.23	0.11	98.42	
15	D4GlineG	0.76	0.12	2.43	2.27	2.31	0.83	3.99	11.92	73.04	0.14	97.82	
16	D4GlineG	0.82	0.13	2.72	2.19	2.40	0.88	4.06	12.05	73.58	0.15	98.97	
17	D4GlineG	0.66	0.11	2.35	2.09	2.33	0.84	3.90	12.20	73.47	0.17	98.13	
18	D4GlineG	0.61	0.14	2.26	2.11	2.35	0.87	3.56	12.30	73.85	0.14	98.20	
19	D4GlineG	0.99	0.14	2.98	2.04	2.29	0.85	4.16	11.94	72.39	0.17	97.94	
20	D4GlineG	0.79	0.15	2.41	2.16	2.33	0.88	4.09	12.11	73.47	0.12	98.52	
21	D4GlineG	0.73	0.14	2.45	2.11	2.27	0.83	4.19	12.12	73.13	0.13	98.09	
22	D4GlineG	0.62	0.12	2.28	2.33	2.37	0.81	3.58	12.20	74.29	0.13	98.71	
23	D4GlineG	0.63	0.14	2.30	2.10	2.29	0.87	3.83	11.97	74.21	0.13	98.48	
24	D4GlineG	0.53	0.08	2.20	2.27	2.46	0.85	3.62	12.21	74.71	0.14	99.07	
25	D4GlineG	0.65	0.09	2.22	2.09	2.32	0.88	3.49	12.18	73.65	0.09	97.67	
26	D4GlineG	0.71	0.09	2.44	2.12	2.37	0.82	3.87	12.21	73.47	0.18	98.29	
27	D4GlineG	0.68	0.11	2.23	2.54	2.42	0.82	3.73	12.30	74.41	0.16	99.39	
28	D4GlineG	0.81	0.12	2.49	2.40	2.36	0.85	4.86	11.87	73.26	0.13	99.14	
29	D4GlineG	0.75	0.11	2.42	2.23	2.30	0.85	4.12	12.06	74.25	0.15	99.24	
30	D4GlineG	0.68	0.11	2.23	2.76	2.33	0.84	4.63	12.21	72.79	0.20	98.78	
31	D4GlineG	0.73	0.14	2.58	2.14	2.29	0.88	3.95	12.23	74.45	0.16	99.57	
32	D4GlineG	0.63	0.11	2.28	2.16	2.37	0.87	3.74	12.28	74.36	0.10	98.91	
33	D4GlineG	0.57	0.09	2.15	2.06	2.49	0.87	3.44	12.49	75.18	0.11	99.43	
34	D4GlineG	0.66	0.11	2.42	2.77	2.40	0.86	3.86	12.24	74.26	0.08	99.64	
35	D4GlineG	0.73	0.10	2.37	2.57	2.30	0.81	4.01	12.27	74.38	0.13	99.67	
36	D4GlineG	0.70	0.10	2.44	2.21	2.32	0.86	4.36	11.95	73.80	0.10	98.83	
37	D4GlineG	0.72	0.10	2.38	2.14	2.34	0.85	4.06	12.29	74.72	0.12	99.72	
38	D4GlineG	0.77	0.15	2.45	2.20	2.27	0.85	3.96	12.24	74.54	0.13	99.56	
39	D4GlineG	0.82	0.12	2.49	2.22	2.36	0.87	4.01	12.41	74.15	0.13	99.58	
40	D4GlineG	0.81	0.13	2.44	2.18	2.29	0.89	3.86	12.39	75.24	0.17	100.38	
41	D4GlineF1	5.69	0.29	9.97	2.58	0.41	2.20	16.07	13.04	50.49	0.24	100.96	
42	D4GlineF1	5.57	0.31	9.81	2.57	0.40	2.23	15.67	12.86	50.26	0.23	99.90	
43	D4GlineF1	5.64	0.24	10.11	2.57	0.37	2.21	15.90	13.00	49.93	0.17	100.14	
44	D4GlineF1	5.69	0.28	10.10	2.59	0.37	2.24	15.91	13.01	50.25	0.19	100.62	
45	D4GlineF1	5.78	0.24	10.19	2.59	0.38	2.25	15.93	12.95	50.34	0.21	100.86	
46	D4GlineF1	5.73	0.25	10.16	2.58	0.36	2.20	15.76	12.89	50.10	0.20	100.23	
47	D4GlineF1	5.68	0.30	10.17	2.51	0.39	2.18	16.14	13.11	50.34	0.18	101.01	
48	D4GlineF1	5.60	0.30	10.14	2.59	0.35	2.18	15.72	12.84	50.42	0.23	100.38	
49	D4GlineF1	5.77	0.28	10.03	2.64	0.38	2.22	16.04	13.28	50.28	0.17	101.11	

50	D4GlineF1	5.77	0.28	9.98	2.45	0.40	2.21	15.82	13.25	50.45	0.24	100.84	
51	D4GlineF2	5.27	0.26	9.39	2.43	0.38	2.10	14.70	13.34	47.64	0.23	95.72	
52	D4GlineF2	5.55	0.25	9.88	2.72	0.40	2.29	15.64	13.07	50.74	0.17	100.71	
53	D4GlineF2	5.54	0.26	9.83	2.75	0.40	2.21	15.92	13.15	50.32	0.23	100.60	
54	D4GlineF2	5.79	0.25	10.06	2.58	0.36	2.20	16.07	13.15	49.89	0.22	100.58	
55	D4GlineF2	5.79	0.32	9.97	2.64	0.38	2.19	15.88	13.14	49.86	0.23	100.42	
56	D4GlineF2	5.70	0.28	10.07	2.62	0.34	2.17	16.04	13.03	50.12	0.23	100.60	
57	D4GlineF2	5.66	0.27	9.94	2.72	0.39	2.21	15.84	12.94	50.38	0.26	100.63	
58	D4GlineF2	5.73	0.27	10.13	2.55	0.37	2.25	16.25	13.17	50.24	0.18	101.14	
59	D4GlineF2	5.75	0.28	10.17	2.57	0.38	2.18	16.08	12.86	50.38	0.17	100.84	
60	D4GlineF2	5.76	0.28	10.12	2.51	0.37	2.25	15.97	12.88	50.02	0.21	100.37	
61	D4GlineF2	5.58	0.28	9.93	2.55	0.40	2.25	16.26	13.00	50.03	0.21	100.50	
62	D4GlineF2	5.55	0.26	9.81	2.68	0.39	2.16	15.53	12.71	49.99	0.23	99.30	
63	D4GlineF2	5.60	0.27	10.07	2.58	0.38	2.27	15.86	12.85	49.82	0.19	99.89	
64	D4GlineF2	5.60	0.26	9.91	2.74	0.37	2.22	15.76	12.96	50.15	0.19	100.17	
65	D4GlineF2	5.66	0.26	10.08	2.59	0.35	2.27	16.10	13.00	50.22	0.29	100.82	
66	D4GlineF2	5.77	0.31	10.25	2.62	0.38	2.22	16.15	12.88	49.84	0.20	100.61	
67	D4GlineF2	5.63	0.26	10.19	2.53	0.38	2.14	16.10	12.88	49.52	0.24	99.86	
68	D4GlineF2	5.68	0.26	10.30	2.04	0.40	2.29	15.84	12.42	48.16	0.25	97.63	
69	D4GlineF3	5.72	0.31	10.07	2.13	0.39	2.22	15.88	12.95	51.16	0.21	101.04	
70	D4GlineF3	5.73	0.28	10.07	2.29	0.38	2.15	16.19	12.84	50.56	0.25	100.74	
71	D4GlineF3	5.70	0.25	10.14	2.25	0.38	2.17	16.37	12.74	50.72	0.21	100.92	
72	D4GlineF3	5.81	0.30	10.09	2.25	0.37	2.21	16.21	12.70	50.37	0.26	100.56	
73	D4GlineF3	5.63	0.27	10.19	2.23	0.38	2.25	16.22	12.80	50.59	0.19	100.75	
74	D4GlineF3	5.74	0.25	10.25	2.40	0.38	2.18	16.37	12.70	50.47	0.26	101.00	
75	D4GlineF3	5.80	0.25	10.16	2.44	0.36	2.23	15.88	12.88	50.31	0.17	100.47	
76	D4GlineF3	5.74	0.32	10.23	2.55	0.37	2.25	15.57	12.66	50.60	0.19	100.48	
77	D4GlineF3	5.59	0.25	10.04	2.67	0.35	2.16	15.80	12.75	50.44	0.21	100.26	
78	D4GlineF3	5.68	0.31	9.97	2.68	0.36	2.21	16.07	12.69	50.54	0.25	100.77	
79	D4GlineF3	5.70	0.28	10.18	2.71	0.39	2.21	15.90	12.90	50.64	0.22	101.14	
80	D4GlineF3	5.76	0.28	10.14	2.67	0.39	2.25	15.99	12.92	50.72	0.24	101.35	
81	D4GlineF3	5.72	0.28	10.04	2.59	0.37	2.20	15.95	12.66	50.71	0.20	100.71	
82	D4GlineF3	5.72	0.30	10.05	2.54	0.36	2.21	16.43	12.65	50.60	0.17	101.04	
83	D4GlineF3	5.70	0.27	10.14	2.57	0.39	2.21	16.34	12.93	50.79	0.25	101.61	
84	D4GlineF3	5.56	0.27	9.92	2.63	0.37	2.21	15.68	12.72	50.03	0.21	99.61	
85	D4GlineF3	5.62	0.27	9.98	2.66	0.39	2.19	15.68	12.81	50.47	0.21	100.28	
86	D4GlineF3	5.78	0.27	10.13	2.58	0.36	2.23	16.14	12.96	50.29	0.21	100.94	
87	D4GlineF3	5.56	0.30	10.02	2.59	0.39	2.23	16.24	12.84	50.51	0.20	100.88	
88	D4GlineF3	5.59	0.29	10.03	2.67	0.42	2.25	16.35	12.90	50.83	0.23	101.56	
89	D4GlineF3	5.47	0.26	9.87	2.67	0.41	2.22	15.60	12.80	50.86	0.24	100.41	

90	D4GlineF3	5.53	0.26	9.96	2.60	0.43	2.23	16.29	12.67	50.21	0.23	100.41	
91	D4GlineF3	5.41	0.28	9.97	2.45	0.40	2.25	15.89	12.61	50.02	0.15	99.42	
92	D4GlineF3	5.55	0.27	10.15	2.20	0.38	2.19	15.64	12.54	48.89	0.23	98.04	
93	D4GlineF3	5.67	0.34	10.21	2.35	0.38	2.23	16.02	12.78	49.40	0.21	99.57	
Pt	Sample ID	FeO	MgO	MnO	CaO	Na2O	K2O	TiO2	Al2O3	SiO2	P2O5	SO2	Total
39	EG_GrainA_1	12.40	6.75	0.25	11.25	2.49	0.29	1.82	13.78	50.03	0.20	0.13	99.39
40	EG_GrainA_2	12.09	6.61	0.19	11.31	2.44	0.30	1.85	13.75	50.04	0.17	0.13	98.87
41	EG_GrainA_3	12.63	6.64	0.21	11.27	2.50	0.30	1.85	13.84	49.13	0.17	0.13	98.67
16	EG_GrainC_1	11.91	6.79	0.18	11.83	2.28	0.26	1.75	13.77	49.31	0.15	0.09	98.32
17	EG_GrainC_2	11.90	6.93	0.20	11.65	2.36	0.26	1.78	13.91	49.94	0.18	0.11	99.23
18	EG_GrainC_3	11.94	6.79	0.15	11.63	2.37	0.27	1.75	13.80	49.28	0.19	0.11	98.27
19	EG_GrainC_4	12.07	6.73	0.20	11.38	2.27	0.28	1.78	13.74	49.58	0.14	0.11	98.26
20	EG_GrainC_5	12.33	6.65	0.19	11.34	2.50	0.30	1.82	13.98	49.73	0.16	0.11	99.10
1	EG_GrainE_0	12.19	6.47	0.23	11.33	2.29	0.30	1.77	13.76	49.23	0.16	0.16	97.88
2	EG_GrainE_1	11.89	6.84	0.23	11.52	2.37	0.29	1.71	13.73	49.72	0.08	0.14	98.53
3	EG_GrainE_2	12.30	6.74	0.20	11.54	2.31	0.28	1.71	13.86	49.21	0.14	0.15	98.45
4	EG_GrainE_3	11.80	6.74	0.20	11.67	2.40	0.28	1.75	13.87	48.66	0.12	0.11	97.58
5	EG_GrainE_4	11.93	6.54	0.22	11.51	2.38	0.29	1.75	13.46	48.25	0.16	0.16	96.65
6	EG_GrainE_5	12.25	6.79	0.22	11.50	2.34	0.28	1.73	13.75	49.09	0.12	0.14	98.22
12	EG_GrainF_1	11.85	6.82	0.20	11.55	2.35	0.28	1.66	13.92	49.80	0.19	0.14	98.77
13	EG_GrainF_2	12.07	7.01	0.22	11.69	2.49	0.26	1.80	13.47	48.77	0.14	0.15	98.07
14	EG_GrainF_3	12.08	6.77	0.20	11.62	2.35	0.27	1.78	13.64	48.75	0.16	0.16	97.78
15	EG_GrainF_4	11.97	6.78	0.22	11.65	2.30	0.27	1.78	13.83	49.12	0.16	0.19	98.28
7	EG_GrainG_1	12.18	6.53	0.24	11.31	2.30	0.31	1.78	13.77	49.71	0.20	0.10	98.44
8	EG_GrainG_2	12.16	6.62	0.25	11.31	2.35	0.32	1.81	13.76	49.60	0.16	0.15	98.48
9	EG_GrainG_3	12.41	6.54	0.24	11.27	2.32	0.30	1.80	13.78	49.57	0.18	0.13	98.56
10	EG_GrainG_4	12.19	6.44	0.21	11.33	2.32	0.32	1.84	13.70	49.25	0.16	0.13	97.89
11	EG_GrainG_5	12.28	6.67	0.26	11.56	2.28	0.30	1.78	13.62	49.11	0.15	0.14	98.16
21	EG_GrainH_1	13.71	6.15	0.21	10.47	2.63	0.34	2.11	13.39	49.95	0.17	0.15	99.28
22	EG_GrainH_2	13.23	6.29	0.19	10.59	2.65	0.32	2.07	13.59	50.28	0.13	0.20	99.53
23	EG_GrainH_3	13.00	6.40	0.22	10.63	2.65	0.30	1.96	13.27	48.19	0.22	0.19	97.02
24	EG_GrainH_4	13.20	6.40	0.20	10.61	2.64	0.34	2.02	13.31	49.73	0.20	0.17	98.82
25	EG_GrainH_5	13.63	5.78	0.21	10.23	2.56	0.35	2.17	13.40	50.31	0.21	0.15	99.01
31	EG_GrainI_1	12.69	6.55	0.21	11.02	2.57	0.33	1.84	13.93	50.11	0.17	0.17	99.58
32	EG_GrainI_2	12.31	6.58	0.24	11.16	2.49	0.29	1.89	13.89	50.07	0.13	0.17	99.24
33	EG_GrainI_3	12.42	6.53	0.20	11.07	2.46	0.31	1.88	13.84	50.25	0.23	0.16	99.35
34	EG_GrainI_4	12.63	6.40	0.22	11.10	2.44	0.31	1.85	13.46	49.59	0.18	0.12	98.29
35	EG_GrainI_5	12.44	6.45	0.21	11.08	2.55	0.32	1.89	13.82	50.14	0.20	0.15	99.26
26	EG_GrainK_1	12.46	6.44	0.17	11.00	2.53	0.32	1.92	13.62	50.22	0.18	0.13	98.99

27	EG_GrainK_2	12.41	6.52	0.20	11.02	2.54	0.32	1.87	13.85	49.85	0.17	0.16	98.90
28	EG_GrainK_3	12.72	6.40	0.19	10.83	2.52	0.34	1.85	13.93	50.23	0.13	0.15	99.29
29	EG_GrainK_4	12.54	6.37	0.20	10.90	2.47	0.32	1.94	13.72	49.99	0.22	0.15	98.81
30	EG_GrainK_5	12.52	6.36	0.24	10.98	2.49	0.31	1.83	13.46	49.39	0.18	0.14	97.90
36	EG_GrainL_1	12.12	6.81	0.18	11.34	2.59	0.30	1.83	13.84	49.89	0.15	0.13	99.19
37	EG_GrainL_2	12.14	6.54	0.19	11.32	2.39	0.29	1.80	13.87	49.44	0.15	0.12	98.25
38	EG_GrainL_3	12.25	6.86	0.18	11.31	2.45	0.28	1.77	13.54	49.10	0.13	0.15	98.04
Pt	Sample ID	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total		
58	C2CG1P	0.11	2.40	3.16	2.35	0.72	3.83	12.82	72.16	0.10	98.39		
59	C2CG2P	0.12	2.54	3.19	2.37	0.73	3.74	12.91	71.89	0.09	98.31		
60	C2CG3P	0.11	2.42	3.02	2.26	0.84	3.64	12.69	73.94	0.20	99.82		
61	C2CG4P	0.10	2.65	3.10	2.36	0.81	4.12	12.64	73.58	0.13	100.21		
62	C2CGG1	0.24	10.55	2.70	0.37	1.99	14.96	13.40	48.22	0.14	98.68		
63	C2CGG2	0.27	10.47	2.79	0.33	2.01	14.53	13.45	49.67	0.21	99.88		
64	C2CGG3	0.28	9.97	2.78	0.41	2.20	15.81	13.00	47.40	0.27	97.70		
65	C2CGG4	0.29	9.85	2.69	0.44	2.19	15.69	13.04	48.36	0.21	98.30		
66	C2CGH1	0.27	10.06	2.74	0.38	2.19	15.70	13.12	47.62	0.23	98.12		
67	C2CGH2	0.29	10.14	2.90	0.39	2.23	15.78	13.07	48.32	0.26	99.18		
68	C2CGH3	0.27	10.12	2.88	0.34	2.14	15.57	13.06	49.39	0.22	99.89		
69	C2CGH4	0.28	10.14	2.84	0.31	2.11	15.63	13.08	49.50	0.25	99.90		
70	C2CGH5	0.31	10.12	2.88	0.34	2.20	15.96	13.02	47.69	0.26	98.46		
71	C2CGD1	0.25	10.36	2.73	0.39	2.02	14.95	13.14	48.04	0.24	97.99		
72	C2CGD2	0.23	10.50	2.74	0.39	2.03	14.74	13.17	49.03	0.22	99.08		
73	C2CGD3	0.23	10.46	2.84	0.36	2.10	15.25	13.23	48.68	0.23	99.33		
74	C2CGD4	0.25	10.50	2.76	0.37	2.10	14.99	13.34	48.15	0.23	98.68		
75	C2CGD5	0.23	10.45	2.87	0.40	2.07	14.85	13.26	45.91	0.23	96.15		
76	C2CGC1	0.24	8.66	3.11	0.64	2.24	15.48	12.65	49.82	0.30	97.66		
77	C2CGC2	0.23	9.37	2.89	0.54	2.15	15.45	12.94	49.63	0.25	98.59		
78	C2CGC3	0.30	9.05	2.89	0.64	2.22	15.96	12.88	47.92	0.27	97.08		
79	C2CGC4	0.22	9.29	2.73	0.56	2.19	15.96	12.82	49.05	0.22	98.10		
80	C2CGC5	0.26	8.66	2.99	0.70	2.28	15.63	12.81	50.59	0.25	98.84		
81	C2CGB1	0.27	10.07	2.82	0.42	2.22	15.67	13.15	48.34	0.22	98.88		
82	C2CGB2	0.25	10.09	2.82	0.37	2.22	15.82	13.02	48.94	0.25	99.51		
83	C2CGB3	0.26	9.82	2.67	0.41	2.25	15.73	12.98	47.41	0.20	97.40		
84	C2CGB4	0.26	9.75	2.85	0.40	2.20	15.76	13.00	49.69	0.27	99.83		
85	C2CGB5	0.28	10.01	2.90	0.39	2.22	15.88	13.22	48.29	0.26	99.24		
86	C2CGA1	0.27	10.12	2.83	0.38	2.17	15.55	13.35	50.07	0.19	100.82		
87	C2CGA2	0.31	9.96	2.89	0.35	2.11	15.83	13.06	48.46	0.22	99.02		
88	C2CGA3	0.26	10.07	2.88	0.33	2.17	15.49	13.14	49.30	0.27	99.80		

89	C2CGA4	0.23	10.03	2.82	0.38	2.18	15.81	12.75	46.52	0.26	96.80		
90	C2CGA5	0.27	10.17	2.73	0.36	2.12	16.00	13.02	47.45	0.22	98.08		
91	C2CGA6	0.27	10.07	2.89	0.36	2.24	15.73	13.09	49.35	0.23	100.15		
92	C2CGA7	0.25	9.94	2.92	0.39	2.24	15.68	13.29	49.33	0.22	100.33		
Pt	Sample ID	MgO	MnO	CaO	Na2O	K2O	TiO2	Fe2O3	Al2O3	SiO2	P2O5	Total	
94	C2BG2A1	4.91	0.26	8.77	2.92	0.63	2.36	15.53	12.80	50.98	0.30	99.47	
95	C2BG2A2	4.98	0.24	8.90	2.83	0.63	2.15	15.42	13.04	47.85	0.26	96.30	
96	C2BG2A3	4.98	0.25	9.03	2.88	0.63	2.24	16.05	12.68	51.33	0.15	100.22	
97	C2BG2A4	4.61	0.23	8.49	2.85	0.73	2.32	15.61	12.65	52.14	0.25	99.87	
98	C2BG2A5	5.17	0.23	9.30	2.70	0.59	2.20	15.25	12.75	51.62	0.19	100.00	
99	C2BG2C1	4.63	0.24	8.65	2.93	0.70	2.37	15.91	12.58	51.16	0.23	99.41	
100	C2BG2C2	5.08	0.26	9.10	2.73	0.56	2.19	16.09	12.53	50.94	0.18	99.69	
101	C2BG2C3	4.56	0.25	8.72	2.69	0.68	2.27	15.89	12.66	51.46	0.27	99.45	
102	C2BG2C4	4.65	0.28	8.73	2.65	0.63	2.27	16.20	12.38	51.44	0.27	99.49	
103	C2BG2C5	4.63	0.26	8.81	2.78	0.65	2.30	16.17	12.56	50.60	0.26	99.02	
104	C2BG2E1	6.85	0.26	11.40	2.39	0.28	1.80	13.52	13.48	50.12	0.22	100.32	
105	C2BG2E2	6.81	0.24	11.21	2.36	0.32	1.81	13.41	13.66	49.70	0.17	99.68	
106	C2BG2E3	6.90	0.22	11.20	2.49	0.30	1.78	13.37	13.61	49.69	0.17	99.72	
107	C2BG2E4	6.79	0.18	11.23	2.41	0.32	1.76	13.36	13.39	49.74	0.21	99.38	
108	C2BG2E5	6.68	0.22	11.12	2.40	0.34	1.86	13.54	13.64	49.46	0.14	99.39	
109	C2BG2F1	5.62	0.26	9.89	2.68	0.37	2.16	16.01	12.79	50.81	0.21	100.81	
110	C2BG2F2	5.74	0.27	9.82	2.70	0.38	2.20	15.68	12.74	49.65	0.18	99.37	
111	C2BG2F3	5.63	0.27	9.64	2.69	0.44	2.19	16.13	12.54	49.92	0.20	99.67	
112	C2BG2F4	5.40	0.27	9.49	2.68	0.50	2.24	15.55	12.52	50.89	0.19	99.74	
113	C2BG2F5	5.03	0.27	9.85	2.41	0.43	2.25	15.82	12.43	49.16	0.22	97.87	
114	C2BG2D1	6.28	0.25	10.40	2.63	0.37	1.98	14.88	13.09	50.15	0.18	100.21	
115	C2BG2D2	6.18	0.30	10.38	2.64	0.38	2.01	14.90	13.50	50.93	0.21	101.43	
116	C2BG2D3	6.14	0.25	10.37	2.69	0.35	1.94	14.81	13.35	50.82	0.21	100.93	
117	C2BG2D4	6.28	0.22	10.49	2.63	0.36	1.98	14.74	13.45	49.78	0.27	100.20	
118	C2BG2D5	6.34	0.28	10.31	2.74	0.35	2.01	15.00	13.28	51.01	0.20	101.51	
Pt	Sample ID	FeO	MgO	MnO	CaO	Na2O	K2O	TiO2	Al2O3	SiO2	P2O5	SO2	Total
1	C2AG_grainA_1	3.08	0.57	0.08	2.03	2.82	2.33	0.75	11.90	70.19	0.05	0.00	93.79
2	C2AG_grainA_2	3.27	0.60	0.12	2.10	2.75	2.31	0.74	12.36	71.70	0.06	0.00	96.00
3	C2AG_grainA_3	3.31	0.63	0.09	2.11	2.80	2.27	0.75	12.42	72.73	0.06	0.00	97.18
4	C2AG_grainA_4	3.12	0.55	0.10	1.98	2.81	2.31	0.72	11.91	70.07	0.03	0.00	93.62
5	C2AG_grainA_5	3.27	0.57	0.09	1.94	2.81	2.38	0.78	12.34	74.32	0.04	0.00	98.53
6	C2AG_grainB_1	0.74	0.21	0.00	15.55	2.86	0.06	0.04	31.54	48.17	0.00	0.00	99.17
7	C2AG_grainB_2	13.53	6.22	0.20	10.38	2.61	0.33	2.05	13.15	49.23	0.12	0.24	98.06

8	C2AG_grainB_3	13.14	5.94	0.22	10.45	2.74	0.35	2.03	13.79	49.42	0.13	0.06	98.29
9	C2AG_grainB_4	0.88	0.18	0.00	16.19	2.33	0.05	0.05	32.53	47.93	0.00	0.00	100.14
Pt	Sample ID	FeO	MgO	MnO	CaO	Na2O	K2O	TiO2	Al2O3	SiO2	P2O5	SO2	Total
10	C1G_grainH_1	13.15	5.87	0.23	10.44	2.53	0.37	1.97	13.63	49.94	0.09	0.13	98.35
11	C1G_grainH_2	13.40	5.91	0.22	10.31	2.59	0.36	2.04	13.26	49.42	0.13	0.13	97.76
12	C1G_grainH_3	13.35	5.79	0.22	10.33	2.16	0.36	2.01	13.43	50.34	0.09	0.12	98.22
13	C1G_grainH_4	13.29	5.77	0.23	10.41	2.56	0.37	2.02	13.13	48.71	0.16	0.14	96.79
14	C1G_grainF_1	13.26	5.94	0.22	10.32	2.63	0.34	1.97	13.49	49.82	0.08	0.14	98.21
15	C1G_grainF_2	13.42	6.04	0.22	10.37	2.49	0.33	2.03	13.40	49.66	0.10	0.16	98.21
16	C1G_grainF_3	12.90	5.92	0.25	10.48	2.58	0.36	1.91	13.26	48.29	0.09	0.15	96.18
17	C1G_grainF_4	13.04	6.09	0.23	10.40	2.53	0.35	1.99	13.30	49.92	0.18	0.11	98.14
18	C1G_grainG_1	11.89	7.05	0.26	11.60	2.31	0.27	1.71	13.91	49.49	0.11	0.13	98.71
19	C1G_grainG_2	11.92	6.98	0.21	11.63	2.29	0.25	1.72	13.84	49.28	0.11	0.14	98.36
20	C1G_grainG_3	11.69	7.02	0.21	11.70	2.34	0.26	1.72	14.24	49.72	0.05	0.14	99.09
21	C1G_grainG_4	11.75	7.10	0.21	11.84	2.36	0.28	1.66	13.96	49.71	0.10	0.13	99.11
22	C1G_grainA_1	13.20	6.11	0.25	10.22	2.72	0.34	2.03	13.38	50.27	0.12	0.12	98.75
23	C1G_grainA_2	13.19	5.99	0.19	10.38	2.60	0.36	2.06	13.23	49.45	0.11	0.11	97.68
24	C1G_grainA_3	13.21	6.17	0.30	10.24	2.75	0.38	1.96	13.07	48.72	0.14	0.13	97.06
25	C1G_grainA_4	13.32	6.18	0.24	10.28	2.66	0.36	1.96	13.02	48.65	0.17	0.16	97.00
26	C1G_grainA_5	13.31	6.13	0.21	10.30	2.69	0.34	2.03	13.12	49.31	0.12	0.12	97.67
27	C1G_grainA_6	13.21	5.94	0.26	10.31	2.72	0.34	2.01	13.17	49.00	0.10	0.16	97.22
28	C1G_grainA_7	12.98	6.08	0.22	10.24	2.62	0.34	1.98	12.89	48.12	0.13	0.16	95.76
29	C1G_grainB_1	13.10	6.05	0.20	10.37	2.69	0.36	2.01	13.40	50.31	0.14	0.11	98.73
30	C1G_grainB_2	13.06	6.02	0.24	10.38	2.72	0.35	1.99	12.94	48.02	0.08	0.16	95.95
31	C1G_grainB_3	13.14	6.04	0.24	10.20	2.73	0.36	2.01	13.12	49.34	0.10	0.11	97.38
32	C1G_grainC_1	13.28	6.05	0.18	10.33	2.68	0.34	2.00	13.07	47.96	0.17	0.16	96.22
33	C1G_grainC_2	13.38	5.94	0.21	10.35	2.65	0.36	1.99	13.23	47.97	0.14	0.15	96.37
34	C1G_grainC_3	13.14	5.85	0.22	10.48	2.67	0.36	1.93	13.04	47.76	0.10	0.16	95.72
35	C1G_grainD_1	13.26	5.94	0.26	10.49	2.63	0.36	1.98	13.25	48.74	0.10	0.11	97.12
36	C1G_grainD_2	13.21	6.00	0.23	10.46	2.59	0.35	1.98	12.99	48.42	0.15	0.09	96.47
37	C1G_grainD_3	13.41	6.02	0.24	10.43	2.67	0.35	2.03	13.16	48.12	0.14	0.12	96.69
38	C1G_grainD_4	13.40	5.95	0.25	10.46	2.50	0.35	1.94	12.84	48.08	0.17	0.06	95.99
39	C1G_grainD_5	13.28	5.99	0.23	10.43	2.62	0.36	1.97	13.18	48.79	0.09	0.05	97.00
40	C1G_grainD_6	12.97	5.90	0.23	10.28	2.57	0.34	2.01	12.92	47.71	0.13	0.11	95.17
41	C1G_grainD_7	13.26	6.04	0.23	10.39	2.65	0.37	1.97	13.26	48.56	0.11	0.10	96.93