

## Appendix 4: Cont.

Table A4.1: The results of microprobe analysis of garnet presented as oxides

Sample: TOV13								
Mineral: Garnet oxide percentages								
Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO
143	40.365	0.000	22.808	0.313	26.348	0.708	11.209	1.125
165	40.193	0.057	22.516	0.409	25.243	0.612	11.801	0.964
166	40.006	0.158	22.132	0.572	25.616	0.489	11.269	1.064
130	40.026	0.000	22.359	0.426	25.783	0.752	11.106	1.134
500	39.890	0.130	22.330	1.392	21.461	0.570	14.160	1.010
501	41.100	0.120	22.850	0.717	22.836	0.640	13.570	1.240
502	40.810	0.000	22.700	1.537	23.070	0.750	13.590	1.170
503	40.760	0.080	23.180	0.526	23.708	0.580	13.250	1.120
504	40.640	0.000	22.860	0.756	24.891	0.670	12.450	1.000
505	40.490	0.000	22.740	0.514	25.649	0.440	11.870	1.070
506	39.960	0.040	22.480	0.972	26.348	0.630	11.330	0.970
507	39.840	0.000	22.370	1.016	26.348	0.910	11.130	0.890
508	39.730	0.000	22.160	0.623	27.281	0.650	10.390	0.900
509	39.670	0.080	22.500	0.525	27.509	0.970	10.220	0.980
510	39.430	0.000	22.230	1.044	27.733	0.890	10.110	0.970
511	39.120	0.260	22.130	0.837	28.329	0.770	9.720	0.870
512	39.660	0.110	22.240	0.175	28.713	0.850	9.340	0.840
513	39.150	0.030	22.260	0.107	28.934	0.860	9.110	0.790
701	40.340	0.050	22.920	1.032	24.944	0.490	12.670	0.930
703	40.480	0.000	22.750	0.995	24.447	0.640	12.660	1.060
709	39.910	0.000	22.420	1.025	25.510	0.580	11.810	0.940
710	40.200	0.060	22.660	0.400	26.231	0.680	11.340	0.920
734	40.700	0.000	22.570	0.385	26.254	0.720	10.660	1.070
735	40.030	0.020	22.400	0.682	26.218	0.920	11.050	0.990

Table A4.2: The results of microprobe analysis of garnet presented as formula units.

Sample TOV13											
Mineral: Garnet Formula Units											
Analysis	Si	Al	Al <sup>IV</sup>	Al <sup>VI</sup>	Ti	Fe <sup>3+</sup>	Fe <sup>2+</sup>	Mn	Mg	Ca	O
143	2.991	1.992	0.009	1.983	0.000	0.017	1.633	0.044	1.238	0.089	24.000
165	2.996	1.978	0.004	1.974	0.003	0.023	1.574	0.039	1.311	0.077	24.000
166	3.004	1.959	0.000	1.959	0.009	0.032	1.609	0.031	1.262	0.086	24.000
130	3.001	1.976	0.000	1.976	0.000	0.024	1.617	0.048	1.242	0.091	24.000
500	2.961	1.954	0.039	1.915	0.007	0.078	1.332	0.036	1.567	0.080	24.000
501	2.993	1.961	0.007	1.954	0.007	0.039	1.391	0.039	1.473	0.097	24.000
502	2.969	1.947	0.031	1.916	0.000	0.084	1.404	0.046	1.474	0.091	24.000
503	2.974	1.993	0.026	1.967	0.004	0.029	1.446	0.036	1.441	0.088	24.000
504	2.982	1.977	0.018	1.958	0.000	0.042	1.527	0.042	1.362	0.079	24.000
505	2.991	1.980	0.009	1.971	0.000	0.029	1.585	0.028	1.307	0.085	24.000
506	2.973	1.971	0.027	1.943	0.002	0.054	1.639	0.040	1.256	0.077	24.000
507	2.975	1.968	0.025	1.943	0.000	0.057	1.645	0.058	1.239	0.071	24.000
508	2.996	1.969	0.004	1.965	0.000	0.035	1.720	0.042	1.168	0.073	24.000
509	2.976	1.990	0.024	1.966	0.005	0.030	1.726	0.062	1.143	0.079	24.000
510	2.968	1.972	0.032	1.941	0.000	0.059	1.746	0.057	1.135	0.078	24.000
511	2.962	1.975	0.038	1.938	0.015	0.048	1.794	0.049	1.097	0.071	24.000
512	3.002	1.984	0.000	1.984	0.006	0.010	1.817	0.054	1.054	0.068	24.000
513	2.989	2.003	0.011	1.992	0.002	0.006	1.847	0.056	1.037	0.065	24.000
701	2.959	1.981	0.041	1.940	0.003	0.057	1.530	0.030	1.385	0.073	24.000
703	2.975	1.970	0.025	1.945	0.000	0.055	1.502	0.040	1.387	0.083	24.000
709	2.974	1.969	0.026	1.943	0.000	0.057	1.590	0.037	1.312	0.075	24.000
710	2.989	1.986	0.011	1.974	0.003	0.022	1.631	0.043	1.257	0.073	24.000
734	3.027	1.978	0.000	1.978	0.000	0.022	1.633	0.045	1.182	0.085	24.000
735	2.989	1.971	0.011	1.961	0.001	0.038	1.637	0.058	1.230	0.079	24.000

Table A4.3: The results of microprobe analysis of biotite presented as oxides

Sample TOV13							
Mineral: Biotite oxide percentages							
Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	FeO	MgO	K <sub>2</sub> O
444	30.970	3.020	27.510	0.890	11.400	15.530	7.160
445	38.720	3.840	18.230	0.170	9.220	17.670	9.310
446	38.300	3.630	17.800	0.490	9.460	17.720	9.010
447	38.550	3.710	18.180	0.540	9.670	17.560	9.290
448	38.140	3.620	18.160	0.260	10.250	17.410	8.760
449	38.580	4.120	17.900	0.490	10.000	17.150	9.840
450	38.750	4.270	18.310	0.250	9.870	17.050	9.610
451	38.880	4.640	17.640	0.280	9.810	16.540	9.780
452	38.640	4.510	17.730	0.500	10.370	16.720	9.550
453	38.310	4.420	17.860	0.480	10.050	16.590	9.640
454	38.730	4.520	17.930	0.300	10.430	16.930	9.610
455	38.510	4.440	17.970	0.300	10.280	16.780	9.630
456	38.140	4.220	18.040	0.560	10.630	16.810	9.570
514	37.500	6.100	15.590	0.470	11.790	14.740	8.870
515	37.970	6.720	15.810	0.480	10.810	15.420	9.650
516	37.970	6.630	16.230	0.250	10.870	15.670	9.040
517	38.190	6.550	15.890	0.390	10.460	15.250	9.630
518	37.710	6.650	15.890	0.360	10.710	15.240	9.870
519	37.620	6.500	16.240	0.440	10.500	15.370	9.700
520	37.760	6.760	16.030	0.360	10.160	15.190	9.980
521	37.540	6.680	16.210	0.400	10.990	15.470	9.910
522	37.580	6.550	16.120	0.320	10.850	15.270	9.680
523	36.930	6.510	16.010	0.400	10.750	14.980	9.910
524	37.420	6.330	16.120	0.650	10.720	14.890	9.760
778	38.690	5.930	15.870	0.210	8.150	17.830	9.810
779	38.860	5.350	16.690	0.130	8.770	17.860	9.460
781	38.010	5.270	16.800	0.410	8.900	16.830	9.850
788	37.890	6.270	16.240	0.350	10.590	15.640	9.160
792	38.660	7.350	15.610	0.430	9.800	15.690	9.390
794	38.140	7.160	15.960	0.470	9.130	16.420	10.120
795	38.200	6.690	16.030	0.410	9.250	15.620	9.810
796	37.150	7.220	16.610	0.620	9.610	15.630	10.080
797	36.900	7.400	16.650	0.480	9.530	15.470	10.240

Table A4.4: The results of microprobe analysis of biotite presented as formula units

Sample TOV13								
Mineral: Biotite Formula Units								
Analysis	Si	Al	Cr	Ti	Fe <sup>2+</sup>	Mg	K	O
444	4.441	4.649	0.101	0.326	1.367	3.320	1.310	22.000
445	5.473	3.037	0.019	0.408	1.090	3.724	1.679	22.000
446	5.465	2.993	0.055	0.390	1.129	3.769	1.640	22.000
447	5.449	3.029	0.060	0.394	1.143	3.700	1.675	22.000
448	5.440	3.053	0.029	0.388	1.223	3.702	1.594	22.000
449	5.448	2.979	0.055	0.438	1.181	3.611	1.773	22.000
450	5.451	3.036	0.028	0.452	1.161	3.576	1.725	22.000
451	5.506	2.944	0.031	0.494	1.162	3.492	1.767	22.000
452	5.460	2.953	0.056	0.479	1.225	3.522	1.721	22.000
453	5.448	2.994	0.054	0.473	1.195	3.517	1.749	22.000
454	5.448	2.973	0.033	0.478	1.227	3.550	1.724	22.000
455	5.446	2.995	0.034	0.472	1.216	3.537	1.737	22.000
456	5.405	3.013	0.063	0.450	1.260	3.551	1.730	22.000
514	5.508	2.699	0.055	0.674	1.448	3.228	1.662	22.000
515	5.469	2.684	0.055	0.728	1.302	3.311	1.773	22.000
516	5.455	2.748	0.028	0.716	1.306	3.356	1.657	22.000
517	5.513	2.703	0.045	0.711	1.263	3.282	1.773	22.000
518	5.461	2.712	0.041	0.724	1.297	3.290	1.823	22.000
519	5.440	2.768	0.050	0.707	1.270	3.314	1.789	22.000
520	5.467	2.735	0.041	0.736	1.230	3.278	1.843	22.000
521	5.404	2.750	0.046	0.723	1.323	3.320	1.820	22.000
522	5.443	2.752	0.037	0.713	1.314	3.297	1.788	22.000
523	5.414	2.766	0.046	0.718	1.318	3.274	1.853	22.000
524	5.451	2.768	0.075	0.693	1.306	3.234	1.814	22.000
778	5.518	2.668	0.024	0.636	0.972	3.791	1.785	22.000
779	5.501	2.784	0.015	0.570	1.038	3.769	1.708	22.000
781	5.467	2.848	0.047	0.570	1.071	3.609	1.807	22.000
788	5.471	2.764	0.040	0.681	1.279	3.367	1.687	22.000
792	5.521	2.627	0.049	0.789	1.170	3.340	1.711	22.000
794	5.435	2.680	0.053	0.767	1.088	3.488	1.840	22.000
795	5.508	2.724	0.047	0.725	1.116	3.358	1.805	22.000
796	5.341	2.814	0.070	0.781	1.155	3.350	1.849	22.000
797	5.323	2.831	0.055	0.803	1.150	3.327	1.884	22.000

Table A4.5: The results of microprobe analysis of cordierite presented as oxides

Sample: TOV13								
Mineral: Cordierite oxide percentages								
Analysis	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	MgO	MnO	TiO <sub>2</sub>	K <sub>2</sub> O	CaO	FeO
744	50.352	34.119	11.121	0.075	0.000	0.000	0.000	3.670
745	50.961	34.316	11.260	0.000	0.000	0.000	0.028	3.639
750	50.252	34.232	11.192	0.000	0.117	0.000	0.098	3.647
250	59.214	38.789	12.904	0.000	0.014	0.033	0.000	3.759
251	50.177	33.762	11.238	0.028	0.000	0.000	0.002	3.323
252	49.639	33.652	11.125	0.000	0.000	0.026	0.020	3.099
253	50.088	33.669	11.267	0.023	0.119	0.000	0.042	2.986
254	49.375	33.398	11.049	0.075	0.044	0.038	0.022	3.018
255	49.977	33.448	11.323	0.000	0.000	0.022	0.000	3.007
256	49.999	33.588	11.318	0.179	0.074	0.000	0.000	3.081
257	49.662	33.539	11.326	0.233	0.000	0.034	0.000	2.833
258	49.619	33.469	11.309	0.000	0.000	0.007	0.038	2.989
259	49.619	33.204	11.088	0.021	0.008	0.059	0.041	3.036
260	50.177	34.032	11.138	0.000	0.000	0.013	0.004	3.087
261	45.920	40.302	6.379	0.000	0.039	0.127	0.151	4.521
262	49.795	33.279	11.334	0.000	0.024	0.064	0.080	2.572
263	50.001	33.555	11.499	0.169	0.033	0.000	0.000	2.743
264	49.932	33.686	11.274	0.020	0.000	0.000	0.000	2.955
265	49.657	33.640	11.372	0.073	0.019	0.000	0.025	3.076
266	49.480	33.684	11.301	0.000	0.000	0.031	0.000	3.014
267	49.680	33.431	11.250	0.026	0.000	0.000	0.004	3.259
268	49.536	33.240	11.303	0.010	0.044	0.000	0.000	3.091
269	49.707	33.237	11.276	0.005	0.025	0.019	0.014	2.698
270	49.505	33.565	11.154	0.235	0.000	0.021	0.076	3.068
271	49.494	33.786	11.378	0.049	0.032	0.000	0.040	3.400
272	49.948	33.880	11.427	0.068	0.000	0.000	0.080	2.749
275	49.548	33.787	11.378	0.065	0.008	0.000	0.007	2.856
276	49.481	33.756	11.302	0.000	0.046	0.000	0.081	3.114
277	49.726	33.546	11.057	0.185	0.000	0.027	0.000	3.288
278	49.537	33.672	11.157	0.028	0.053	0.025	0.007	3.211
279	49.880	33.333	11.275	0.112	0.054	0.014	0.000	3.059
427	45.857	39.236	11.446	0.034	0.000	0.000	0.000	5.424
428	51.554	34.825	11.731	0.157	0.013	0.000	0.000	3.092
429	51.895	35.018	11.957	0.072	0.000	0.000	0.000	3.293
430	51.701	34.957	11.903	0.162	0.101	0.000	0.069	3.212
431	52.330	35.353	11.794	0.000	0.000	0.000	0.029	3.192
432	52.912	34.910	12.057	0.122	0.023	0.000	0.041	3.386
433	52.080	35.258	11.691	0.105	0.025	0.086	0.000	3.557
434	51.626	35.520	11.779	0.000	0.000	0.042	0.000	3.359
435	52.522	35.912	12.053	0.000	0.023	0.024	0.000	3.383
436	52.396	34.098	11.350	0.011	0.025	0.000	0.083	3.415
437	47.405	31.412	10.213	0.000	0.000	0.288	0.112	3.335
438	47.377	31.216	10.544	0.066	0.090	0.311	0.080	3.139
100	50.357	34.295	11.717	0.025	0.030	0.000	0.030	2.787
108	45.872	42.915	7.535	0.115	0.000	0.010	0.046	2.498
121	50.384	34.617	11.918	0.093	0.000	0.000	0.065	3.074

Table A4.6: The results of microprobe analysis of cordierite presented as formula units

Sample: TOV13									
Mineral: Cordierite Formula Units									
Analysis	Si	Al	Mg	Mn	Ti	K	Ca	Fe	O
744	5.015	4.005	1.651	0.006	0.000	0.000	0.000	0.306	18.000
745	5.028	3.990	1.656	0.000	0.000	0.000	0.003	0.300	18.000
750	4.996	4.012	1.659	0.000	0.009	0.000	0.010	0.303	18.000
250	5.091	3.931	1.654	0.000	0.001	0.004	0.000	0.270	18.000
251	5.031	3.990	1.680	0.002	0.000	0.000	0.000	0.279	18.000
252	5.022	4.013	1.678	0.000	0.000	0.003	0.002	0.262	18.000
253	5.030	3.986	1.687	0.002	0.009	0.000	0.004	0.251	18.000
254	5.022	4.004	1.675	0.006	0.003	0.005	0.002	0.257	18.000
255	5.042	3.977	1.703	0.000	0.000	0.003	0.000	0.254	18.000
256	5.022	3.984	1.698	0.015	0.006	0.000	0.000	0.259	18.000
257	5.020	3.996	1.707	0.020	0.000	0.004	0.000	0.239	18.000
258	5.023	3.994	1.707	0.000	0.000	0.001	0.004	0.253	18.000
259	5.042	3.977	1.680	0.002	0.001	0.008	0.004	0.258	18.000
260	5.029	4.020	1.664	0.000	0.000	0.002	0.000	0.259	18.000
261	4.679	4.840	0.969	0.000	0.003	0.017	0.016	0.385	18.000
262	5.048	3.976	1.713	0.000	0.002	0.008	0.009	0.218	18.000
263	5.030	3.979	1.724	0.014	0.002	0.000	0.000	0.231	18.000
264	5.031	4.000	1.693	0.002	0.000	0.000	0.000	0.249	18.000
265	5.010	4.000	1.710	0.006	0.001	0.000	0.003	0.260	18.000
266	5.010	4.020	1.706	0.000	0.000	0.004	0.000	0.255	18.000
267	5.027	3.988	1.697	0.002	0.000	0.000	0.000	0.276	18.000
268	5.028	3.977	1.710	0.001	0.003	0.000	0.000	0.262	18.000
269	5.042	3.974	1.705	0.000	0.002	0.002	0.015	0.229	18.000
270	5.015	4.006	1.684	0.020	0.000	0.003	0.008	0.260	18.000
271	4.987	4.012	1.709	0.004	0.002	0.000	0.004	0.286	18.000
272	5.015	4.010	1.711	0.006	0.000	0.000	0.009	0.231	18.000
275	5.003	4.021	1.713	0.006	0.001	0.000	0.001	0.241	18.000
276	4.999	4.020	1.702	0.000	0.003	0.000	0.009	0.263	18.000
277	5.026	3.997	1.666	0.016	0.000	0.003	0.000	0.278	18.000
278	5.008	4.012	1.681	0.002	0.004	0.003	0.001	0.272	18.000
279	5.038	3.968	1.697	0.010	0.004	0.002	0.000	0.258	18.000
427	4.518	4.556	1.681	0.003	0.000	0.000	0.000	0.447	18.000
428	5.019	3.996	1.702	0.013	0.001	0.000	0.000	0.252	18.000
429	5.013	3.987	1.722	0.006	0.000	0.000	0.000	0.266	18.000
430	5.003	3.987	1.717	0.013	0.007	0.000	0.007	0.260	18.000
431	5.025	4.001	1.688	0.000	0.000	0.000	0.003	0.256	18.000
432	5.009	3.971	1.734	0.010	0.002	0.000	0.004	0.273	18.000
433	5.011	3.999	1.677	0.009	0.002	0.011	0.000	0.286	18.000
434	4.984	4.042	1.695	0.000	0.000	0.005	0.000	0.271	18.000
435	4.992	4.023	1.708	0.000	0.002	0.003	0.000	0.269	18.000
436	5.098	3.911	1.646	0.001	0.002	0.000	0.009	0.278	18.000
438	5.053	3.924	1.676	0.006	0.007	0.042	0.009	0.280	18.000
100	5.001	4.015	1.735	0.002	0.002	0.000	0.003	0.231	18.000
108	4.559	5.028	1.116	0.010	0.000	0.001	0.005	0.208	18.000
121	4.971	4.025	1.753	0.008	0.000	0.000	0.007	0.254	18.000

Table A4.7: The results of microprobe analysis of spinel presented as oxides

Sample: TOV13								
Mineral: Spinel oxide percentages								
Analysis	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Cr <sub>2</sub> O <sub>3</sub>	FeO	MgO	ZnO	
421	0.510	0.000	62.570	2.490	18.640	7.760	10.860	
422	0.330	0.110	62.010	2.330	19.670	7.490	10.410	
423	0.710	0.060	62.100	2.290	19.780	7.340	9.500	
424	1.060	0.020	61.760	2.280	19.500	7.530	8.480	
425	0.350	0.100	62.550	2.340	19.020	7.550	10.230	
426	1.630	0.110	62.810	2.380	19.480	7.850	10.220	
441	6.620	0.080	57.420	2.160	17.890	7.330	8.880	
442	1.460	0.140	61.830	2.320	19.360	7.580	9.860	

Table A4.8: The results of microprobe analysis of spinel presented as formula units

Sample: TOV13									
Mineral: Spinel Formula Units									
? ??????	Si	Al	Cr	Ti	Fe2+	Mg	Zn	O	
421	0.014	1.970	0.026	0.000	0.416	0.309	0.214	4.000	
422	0.009	1.968	0.025	0.002	0.443	0.301	0.207	4.000	
423	0.019	1.971	0.024	0.001	0.446	0.295	0.189	4.000	
424	0.029	1.970	0.024	0.000	0.441	0.304	0.169	4.000	
425	0.009	1.980	0.025	0.002	0.427	0.302	0.203	4.000	
426	0.043	1.938	0.025	0.002	0.426	0.306	0.198	4.000	
441	0.177	1.806	0.023	0.002	0.399	0.292	0.175	4.000	
442	0.039	1.944	0.024	0.003	0.432	0.301	0.194	4.000	

Table A4.9: The results of microprobe analysis of K-feldspar presented as oxides

Sample: TOV13									
Mineral: K-feldspar oxide percentages									
Analysis	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	MgO	CaO	Na <sub>2</sub> O	K <sub>2</sub> O	
354	64.120	19.142	0.378	0.000	0.000	0.000	2.501	13.238	
355	63.974	18.850	0.105	0.000	0.000	0.000	2.617	12.882	
356	63.099	18.598	0.127	0.000	0.000	0.000	2.531	13.060	
357	63.452	18.702	0.000	0.000	0.000	0.000	2.181	13.827	
367	64.166	18.613	0.442	0.000	0.000	0.000	1.760	14.049	
368	63.660	18.606	0.307	0.072	0.000	0.000	1.777	14.629	
369	62.752	18.693	1.282	0.223	0.064	0.000	1.799	13.914	
373	62.658	19.005	0.209	0.368	0.000	0.000	2.533	13.131	
374	63.638	18.820	0.328	0.064	0.000	0.000	2.369	13.288	
375	63.906	18.416	0.000	0.000	0.000	0.000	2.012	13.678	
376	63.125	18.563	0.000	0.000	0.000	0.000	2.101	13.961	
377	64.929	19.297	0.160	0.000	0.000	0.000	2.295	13.735	
378	63.747	18.922	0.349	0.000	0.000	0.000	2.409	13.870	
380	64.623	18.672	0.000	0.000	0.000	0.000	2.260	13.577	
381	63.509	19.090	0.294	0.122	0.000	0.000	1.814	14.496	
382	62.701	18.847	0.356	0.000	0.000	0.297	1.908	13.253	
389	55.445	17.549	4.795	0.487	1.416	0.000	0.966	11.437	
393	61.285	18.224	0.393	0.263	0.612	0.000	1.697	13.129	
394	64.017	18.455	0.000	0.000	0.000	0.000	1.473	14.191	

Table A4.10: The results of microprobe analysis of K-feldspar presented as formula units

Sample: TOV13										
Mineral: K-feldspar Formula Units										
?????	Si	Al	Fe <sup>2+</sup>	Mn	Mg	Ca	Na	K	O	
354	2.961	1.042	0.015	0.000	0.000	0.000	0.000	0.224	0.780	8.000
355	2.974	1.033	0.004	0.000	0.000	0.000	0.000	0.236	0.764	8.000
356	2.970	1.032	0.005	0.000	0.000	0.000	0.000	0.231	0.784	8.000
357	2.970	1.032	0.000	0.000	0.000	0.000	0.000	0.198	0.826	8.000
367	2.980	1.019	0.017	0.000	0.000	0.000	0.000	0.158	0.832	8.000
368	2.968	1.022	0.012	0.003	0.000	0.000	0.000	0.161	0.870	8.000
369	2.944	1.034	0.050	0.009	0.004	0.000	0.000	0.164	0.833	8.000
373	2.945	1.053	0.008	0.015	0.000	0.000	0.000	0.231	0.787	8.000
374	2.966	1.034	0.013	0.003	0.000	0.000	0.000	0.214	0.790	8.000
375	2.989	1.015	0.000	0.000	0.000	0.000	0.000	0.182	0.816	8.000
376	2.970	1.030	0.000	0.000	0.000	0.000	0.000	0.192	0.838	8.000
377	2.967	1.039	0.006	0.000	0.000	0.000	0.000	0.203	0.801	8.000
378	2.958	1.035	0.014	0.000	0.000	0.000	0.000	0.217	0.821	8.000
380	2.987	1.017	0.000	0.000	0.000	0.000	0.000	0.203	0.800	8.000
381	2.952	1.046	0.011	0.005	0.000	0.000	0.000	0.163	0.859	8.000
382	2.957	1.048	0.014	0.000	0.000	0.000	0.015	0.174	0.797	8.000
389	2.831	1.056	0.205	0.021	0.108	0.000	0.000	0.096	0.745	8.000
393	2.949	1.033	0.016	0.011	0.044	0.000	0.000	0.158	0.806	8.000
394	2.993	1.017	0.000	0.000	0.000	0.000	0.000	0.134	0.846	8.000

