

## APPENDIX 1

**Microprobe analyses of amphibole (JR-A1–JR-A9), clinopyroxene (JR-P1–JR-P24), chlorite (JR-C1–JR-C18), spinel (JR-S1–JR-S2), garnet (JR-G1–JR-G6), apatite (JR-AT1–JR-AT3), titanite (JR-T1) and prehnite (JR-PH1) from Jordanów nephrite**

[wt.%]	Amphibole sample no.								
	JR-A1	JR-A2	JR-A3	JR-A4	JR-A5	JR-A6	JR-A7	JR-A8	JR-A9
SiO <sub>2</sub>	57.339	56.786	57.736	57.485	57.795	55.819	58.113	58.643	58.843
TiO <sub>2</sub>	0.027	0.000	0.000	0.016	0.025	0.007	0.019	0.024	0.030
Al <sub>2</sub> O <sub>3</sub>	1.749	2.985	1.062	1.445	1.147	3.282	0.188	0.156	0.097
Cr <sub>2</sub> O <sub>3</sub>	0.094	0.022	0.053	0.019	0.120	0.322	0.139	0.052	0.041
MgO	21.826	21.380	21.653	21.505	21.812	20.416	22.219	23.079	22.795
CaO	13.226	13.583	13.368	13.407	13.166	13.309	13.632	13.460	13.749
MnO	0.152	0.109	0.108	0.114	0.190	0.095	0.110	0.105	0.076
FeO*	2.774	2.964	3.201	3.738	3.043	3.842	3.297	2.530	2.995
NiO	0.091	0.185	0.031	0.026	0.278	0.272	0.142	0.211	0.157
Na <sub>2</sub> O	0.082	0.110	0.065	0.064	0.051	0.140	0.013	0.037	0.017
K <sub>2</sub> O	0.030	0.003	0.012	0.000	0.000	0.036	0.000	0.002	0.000
H <sub>2</sub> O	2.180	2.192	2.175	2.181	2.182	2.167	2.183	2.202	2.208
Total	99.570	100.319	99.464	100.000	99.809	99.707	100.055	100.501	101.008
Si	7.885	7.768	7.957	7.903	7.941	7.725	7.982	7.986	7.99
Ti	0.003	0.000	0.000	0.002	0.003	0.001	0.002	0.002	0.003
Al	0.283	0.481	0.172	0.234	0.186	0.535	0.03	0.025	0.015
Cr	0.01	0.002	0.006	0.002	0.013	0.035	0.015	0.006	0.004
Mg	4.475	4.36	4.449	4.407	4.468	4.212	4.549	4.685	4.614
Ca	1.949	1.991	1.974	1.975	1.938	1.973	2.006	1.964	2.000
Mn	0.018	0.013	0.013	0.013	0.022	0.011	0.013	0.012	0.009
Fe <sup>2+</sup>	0.319	0.339	0.369	0.43	0.35	0.445	0.379	0.288	0.34
Ni	0.01	0.02	0.003	0.003	0.031	0.03	0.016	0.023	0.017
Na	0.022	0.029	0.017	0.017	0.014	0.038	0.003	0.01	0.005
K	0.005	0.001	0.002	0.000	0.000	0.006	0.000	0.000	0.000
Sum	14.979	15.004	14.962	14.986	14.966	15.011	14.995	15.001	14.997
Mg/(Mg+Fe <sup>2+</sup> )	0.933	0.928	0.923	0.911	0.927	0.904	0.923	0.942	0.931

[wt.%]	Clinopyroxene sample no.										
	JR-P1	JR-P2	JR-P3	JR-P4	JR-P5	JR-P6	JR-P7	JR-P8	JR-P9	JR-P10	JR-P11
SiO <sub>2</sub>	55.243	55.050	55.848	54.502	54.636	53.789	54.685	55.028	54.220	54.699	55.211
TiO <sub>2</sub>	0.049	0.041	0.019	0.023	0.019	0.048	0.043	0.008	0.042	0.074	0.077
Al <sub>2</sub> O <sub>3</sub>	0.008	0.017	0.035	0.048	0.072	1.065	0.395	0.029	1.100	0.882	0.205
V <sub>2</sub> O <sub>3</sub>	0.000	0.048	0.000	0.041	0.003	0.055	0.000	0.000	0.010	0.000	0.042
Cr <sub>2</sub> O <sub>3</sub>	0.040	0.030	0.091	0.000	0.057	0.055	0.052	0.510	0.022	0.097	0.127
MgO	16.646	16.827	17.387	15.022	16.600	17.756	14.929	16.489	14.944	15.708	17.137
CaO	24.835	24.974	25.663	25.242	25.442	24.257	25.141	25.668	25.134	25.055	24.804
MnO	0.071	0.078	0.068	0.145	0.045	0.113	0.267	0.071	0.244	0.109	0.074
FeO*	3.346	2.750	2.358	5.666	3.282	2.737	5.247	2.830	4.607	3.837	2.992
NiO	0.048	0.000	0.046	0.023	0.000	0.067	0.064	0.026	0.051	0.078	0.076
Na <sub>2</sub> O	0.013	0.021	0.008	0.022	0.000	0.054	0.072	0.050	0.196	0.196	0.029
K <sub>2</sub> O	0.000	0.000	0.000	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000
Total	100.299	99.836	101.523	100.734	100.156	100.013	100.895	100.709	100.570	100.735	100.774
Si	2.008	2.008	2.002	2.000	1.995	1.953	1.999	1.997	1.984	1.989	1.997
Ti	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.002	0.002
Al	0.000	0.001	0.001	0.002	0.003	0.046	0.017	0.001	0.047	0.038	0.009
V	0.000	0.001	0.000	0.001	0.000	0.002	0.000	0.000	0.000	0.000	0.001
Cr	0.001	0.001	0.003	0.000	0.002	0.002	0.001	0.015	0.001	0.003	0.004
Mg	0.907	0.915	0.929	0.822	0.903	0.961	0.814	0.892	0.815	0.852	0.924
Ca	0.967	0.976	0.986	0.992	0.995	0.943	0.985	0.998	0.985	0.976	0.961
Mn	0.002	0.002	0.002	0.005	0.001	0.003	0.008	0.002	0.008	0.003	0.002
Fe <sup>2+</sup>	0.101	0.084	0.071	0.174	0.100	0.083	0.160	0.086	0.141	0.117	0.090
Ni	0.001	0.000	0.001	0.001	0.000	0.002	0.002	0.001	0.001	0.002	0.002
Na	0.001	0.001	0.001	0.002	0.000	0.004	0.005	0.003	0.014	0.014	0.002
K	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000
Sum	3.991	3.99	3.997	4.000	4.000	4.001	3.992	3.995	3.997	3.996	3.994
Wo	0.489	0.494	0.496	0.498	0.498	0.474	0.501	0.505	0.505	0.501	0.486
En	0.459	0.463	0.467	0.412	0.452	0.483	0.414	0.451	0.418	0.437	0.467
Fs	0.052	0.044	0.037	0.090	0.051	0.043	0.085	0.044	0.076	0.062	0.047

[wt.%]	Clinopyroxene sample no.										
	JR-P12	JR-P13	JR-P14	JR-P15	JR-P16	JR-P17	JR-P18	JR-P19	JR-P20	JR-P21	JR-P22
SiO <sub>2</sub>	54.147	55.669	55.773	53.582	55.899	55.312	54.696	56.526	53.919	54.833	54.736
TiO <sub>2</sub>	0.023	0.050	0.031	0.000	0.051	0.000	0.000	0.000	0.104	0.024	0.049
Al <sub>2</sub> O <sub>3</sub>	0.820	0.300	0.239	1.314	0.287	0.111	1.047	0.392	1.965	1.786	1.490
V <sub>2</sub> O <sub>3</sub>	0.000	0.000	0.045	0.000	0.000	0.000	0.032	0.061	0.010	0.000	0.010
Cr <sub>2</sub> O <sub>3</sub>	0.075	0.017	0.102	0.157	0.051	0.015	0.000	0.016	0.127	0.000	0.052
MgO	17.169	17.294	16.602	17.550	17.084	17.177	15.435	16.150	16.997	16.756	16.064
CaO	24.236	25.418	24.749	23.586	25.267	25.771	25.258	24.505	24.429	25.981	25.318
MnO	0.076	0.185	0.265	0.107	0.168	0.185	0.362	0.190	0.161	0.118	0.000
FeO*	3.072	1.630	2.002	3.218	2.058	1.913	3.602	2.384	2.351	1.618	3.103
NiO	0.084	0.000	0.088	0.000	0.000	0.000	0.063	0.016	0.071	0.000	0.032
Na <sub>2</sub> O	0.048	0.071	0.048	0.041	0.037	0.030	0.173	0.081	0.104	0.255	0.245
K <sub>2</sub> O	0.005	0.000	0.000	0.000	0.004	0.000	0.000	0.020	0.000	0.000	0.000
Total	99.755	100.634	99.944	99.555	100.906	100.514	100.668	100.341	100.238	101.371	101.099
Si	1.977	2.005	2.022	1.959	2.008	1.999	1.990	2.038	1.955	1.964	1.976
Ti	0.001	0.001	0.001	0.000	0.001	0.000	0.000	0.000	0.003	0.001	0.001
Al	0.035	0.013	0.010	0.057	0.012	0.005	0.045	0.017	0.084	0.075	0.063
V	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.002	0.000	0.000	0.000
Cr	0.002	0.000	0.003	0.005	0.001	0.000	0.000	0.000	0.004	0.000	0.001
Mg	0.935	0.929	0.897	0.963	0.921	0.931	0.837	0.868	0.919	0.900	0.865
Ca	0.948	0.981	0.961	0.924	0.972	0.998	0.985	0.947	0.949	0.997	0.979
Mn	0.002	0.006	0.008	0.003	0.005	0.006	0.011	0.006	0.005	0.004	0.000
Fe <sup>2+</sup>	0.094	0.049	0.061	0.098	0.062	0.058	0.110	0.072	0.071	0.048	0.094
Ni	0.002	0.000	0.003	0.000	0.000	0.000	0.002	0.000	0.002	0.000	0.001
Na	0.003	0.005	0.003	0.003	0.003	0.002	0.012	0.006	0.007	0.018	0.017
K	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000
Sum	3.999	3.989	3.970	4.012	3.985	3.999	3.993	3.957	3.999	4.007	3.997
Wo	0.479	0.499	0.499	0.465	0.496	0.501	0.507	0.500	0.488	0.512	0.505
En	0.472	0.473	0.465	0.484	0.470	0.467	0.431	0.459	0.473	0.462	0.446
Fs	0.049	0.028	0.036	0.051	0.034	0.032	0.062	0.041	0.039	0.027	0.049

[wt.%]	Cpx sample no.	
	JR-P23	JR-P24
SiO <sub>2</sub>	55.097	54.983
TiO <sub>2</sub>	0.000	0.017
Al <sub>2</sub> O <sub>3</sub>	0.479	0.878
V <sub>2</sub> O <sub>3</sub>	0.019	0.035
Cr <sub>2</sub> O <sub>3</sub>	0.140	0.127
MgO	16.814	15.889
CaO	26.150	25.932
MnO	0.047	0.000
FeO*	2.349	3.285
NiO	0.000	0.032
Na <sub>2</sub> O	0.123	0.172
K <sub>2</sub> O	0.000	0.000
Total	101.218	101.350
Si	1.983	1.986
Ti	0.000	0.000
Al	0.020	0.037
V	0.001	0.001
Cr	0.004	0.004
Mg	0.902	0.855
Ca	1.009	1.003
Mn	0.001	0.000
Fe <sup>2+</sup>	0.071	0.099
Ni	0.000	0.001
Na	0.009	0.012
K	0.000	0.000
Sum	4.000	3.998
Wo	0.509	0.513
En	0.455	0.437
Fs	0.036	0.051

[wt.%]	Chlorite sample no.										
	JR-C1	JR-C2	JR-C3	JR-C4	JR-C5	JR-C6	JR-C7	JR-C8	JR-C9	JR-C1 <sub>0</sub>	JR-C1 <sub>1</sub>
SiO <sub>2</sub>	33.827	34.572	33.887	34.008	33.562	32.909	33.249	32.852	34.442	31.913	32.789
TiO <sub>2</sub>	0.014	0.004	0.145	0.081	0.000	0.000	0.000	0.030	0.267	0.009	0.030
Al <sub>2</sub> O <sub>3</sub>	14.319	13.815	13.993	14.129	14.415	14.533	14.024	14.873	14.288	13.755	16.069
Cr <sub>2</sub> O <sub>3</sub>	0.019	0.150	0.606	0.874	0.163	0.164	0.453	0.318	0.456	0.000	0.036
MgO	26.399	31.444	31.707	32.427	33.200	32.112	33.132	33.242	32.578	24.411	33.089
CaO	0.225	0.194	0.202	0.202	0.034	0.083	0.000	0.022	0.470	0.126	0.000
MnO	0.108	0.033	0.065	0.035	0.145	0.027	0.150	0.199	0.040	0.207	0.197
FeO*	11.830	6.191	6.896	6.058	5.670	6.479	5.382	5.062	5.111	17.148	4.810
NiO	0.516	0.434	0.511	0.340	0.382	0.364	0.290	0.189	0.273	0.267	0.231
Na <sub>2</sub> O	0.008	0.003	0.014	0.000	0.017	0.071	0.000	0.009	0.000	0.038	0.018
K <sub>2</sub> O	0.000	0.051	0.036	0.129	0.000	0.047	0.001	0.000	0.238	0.028	0.000
H <sub>2</sub> O	12.252	12.544	12.611	12.693	12.638	12.464	12.515	12.555	12.750	11.948	12.661
Total	99.517	99.435	100.673	100.976	100.226	99.253	99.196	99.351	100.913	99.850	99.930
Si	3.308	3.300	3.218	3.208	3.180	3.162	3.181	3.133	3.235	3.200	3.101
Ti	0.001	0.000	0.010	0.006	0.000	0.000	0.000	0.002	0.019	0.001	0.002
Al	1.647	1.552	1.563	1.568	1.607	1.643	1.579	1.669	1.579	1.623	1.788
Cr	0.001	0.011	0.045	0.065	0.012	0.012	0.034	0.024	0.034	0.000	0.003
Mg	3.872	4.503	4.516	4.589	4.718	4.627	4.755	4.755	4.590	3.672	4.694
Ca	0.024	0.020	0.021	0.020	0.003	0.009	0.000	0.002	0.047	0.014	0.000
Mn	0.009	0.003	0.005	0.003	0.012	0.002	0.012	0.016	0.003	0.018	0.016
Fe <sup>2+</sup>	0.964	0.493	0.546	0.476	0.448	0.519	0.429	0.402	0.400	1.433	0.379
Ni	0.040	0.033	0.039	0.026	0.029	0.028	0.022	0.014	0.021	0.021	0.017
Na	0.002	0.001	0.003	0.000	0.003	0.013	0.000	0.002	0.000	0.007	0.003
K	0.000	0.006	0.004	0.016	0.000	0.006	0.000	0.000	0.029	0.004	0.000
Sum	9.868	9.921	9.971	9.977	10.012	10.020	10.012	10.019	9.955	9.993	10.003
Mg/(Mg+Fe <sup>2+</sup> )	0.801	0.901	0.892	0.906	0.913	0.899	0.917	0.922	0.920	0.719	0.925
Fe <sup>2+</sup> /Sum R <sup>2+</sup>	0.196	0.098	0.106	0.093	0.086	0.100	0.082	0.078	0.079	0.278	0.074

[wt. %]	Chlorite sample no.						
	JR-C12	JR-C13	JR-C14	JR-C15	JR-C16	JR-C17	JR-C18
SiO <sub>2</sub>	33.098	33.130	32.509	34.985	33.056	30.944	38.559
TiO <sub>2</sub>	0.000	0.025	0.000	0.037	0.009	0.000	0.000
Al <sub>2</sub> O <sub>3</sub>	15.659	15.948	16.078	13.656	15.691	20.379	13.364
Cr <sub>2</sub> O <sub>3</sub>	0.027	0.000	0.429	0.034	0.367	0.018	0.018
MgO	33.933	33.866	32.917	32.988	31.508	29.814	28.383
CaO	0.007	0.019	0.062	0.274	0.083	0.043	2.600
MnO	0.025	0.241	0.040	0.089	0.027	0.120	0.192
FeO*	3.998	4.371	4.435	5.173	6.010	6.691	4.916
NiO	0.000	0.014	0.058	0.292	0.453	0.307	0.409
Na <sub>2</sub> O	0.016	0.024	0.006	0.000	0.000	0.012	0.046
K <sub>2</sub> O	0.000	0.000	0.097	0.013	0.105	0.003	0.000
H <sub>2</sub> O	12.669	12.755	12.589	12.706	12.579	12.712	12.894
Total	99.432	100.393	99.220	100.247	99.888	101.043	101.381
Si	3.128	3.110	3.092	3.297	3.147	2.916	3.582
Ti	0.000	0.002	0.000	0.003	0.001	0.000	0.000
Al	1.741	1.761	1.799	1.514	1.757	2.259	1.460
Cr	0.002	0.000	0.032	0.003	0.028	0.001	0.001
Mg	4.810	4.769	4.697	4.663	4.499	4.214	3.955
Ca	0.001	0.002	0.006	0.028	0.008	0.004	0.259
Mn	0.002	0.019	0.003	0.007	0.002	0.010	0.015
Fe <sup>2+</sup>	0.315	0.342	0.352	0.406	0.477	0.525	0.381
Ni	0.000	0.001	0.004	0.022	0.034	0.023	0.030
Na	0.003	0.004	0.001	0.000	0.000	0.002	0.008
K	0.000	0.000	0.012	0.002	0.013	0.000	0.000
Sum	10.002	10.010	9.999	9.943	9.966	9.955	9.691
Mg/(Mg + Fe <sup>2+</sup> )	0.939	0.933	0.930	0.920	0.904	0.889	0.912
Fe <sup>2+</sup> /Sum R <sup>2+</sup>	0.061	0.067	0.069	0.079	0.095	0.110	0.082

[wt.%]	Spinel sample no.		Garnet sample no.					
	JR-S1	JR-S2	JR-G1	JR-G2	JR-G3	JR-G4	JR-G5	JR-G6
SiO <sub>2</sub>	0.026	0.400	40.107	39.658	38.631	39.007	40.016	40.790
TiO <sub>2</sub>	0.815	0.911	0.055	0.030	0.099	0.040	0.029	0.000
ZrO <sub>2</sub>	0.021	0.000						
Al <sub>2</sub> O <sub>3</sub>	3.533	4.088	22.323	22.304	21.878	21.688	21.436	21.161
V <sub>2</sub> O <sub>5</sub>	0.499	0.559						
Nb <sub>2</sub> O <sub>5</sub>	0.035	0.025						
Cr <sub>2</sub> O <sub>3</sub>	46.742	46.970	0.378	0.160	0.021	0.005	0.201	0.413
Fe <sub>2</sub> O <sub>3</sub>	16.487	14.868	0.454	0.629	0.938	1.174	0.978	1.001
MgO	0.854	0.927	0.006	0.280	0.126	0.158	0.349	0.443
CaO	0.000	0.195	38.012	37.829	37.916	37.269	36.341	35.644
MnO	2.620	3.739	0.000	0.050	0.000	0.310	0.294	0.259
FeO	27.482	25.946	0.138	0.094	0.328	0.000	0.000	0.000
CoO	0.070	0.005						
NiO	0.151	0.133						
ZnO	0.824	0.999						
Na <sub>2</sub> O			0.009	0.000	0.013	0.029	0.014	0.018
Total	100.159	99.765	101.482	101.034	99.950	99.680	99.658	99.729
Si	0.007	0.116	5.957	5.921	5.858	5.917	6.039	6.130
Ti	0.179	0.199	0.006	0.003	0.011	0.005	0.003	0.000
Zr	0.003	0.000						
Al	1.215	1.400	3.908	3.924	3.910	3.878	3.813	3.748
V	0.096	0.107						
Nb	0.005	0.003						
Cr	10.779	10.789	0.044	0.019	0.003	0.001	0.024	0.049
Fe <sup>3+</sup>	3.619	3.251	0.051	0.071	0.107	0.134	0.111	0.113
Mg	0.371	0.402	0.001	0.062	0.028	0.036	0.078	0.099
Ca	0.000	0.061	6.049	6.051	6.160	6.058	5.876	5.739
Mn	0.647	0.920	0.000	0.006	0.000	0.040	0.038	0.033
Fe <sup>2+</sup>	6.704	6.304	0.017	0.012	0.042	0.000	0.000	0.000
Co	0.016	0.001						
Ni	0.035	0.031						
Zn	0.177	0.214						
Na			0.003	0.000	0.004	0.009	0.004	0.005
Sum	23.853	23.798	16.036	16.069	16.123	16.078	15.986	15.917
Cr/(Cr + Al)	0.899	0.885						
Mg/(Mg + Fe <sub>tot</sub> )			0.030	0.570	0.230	0.348	0.586	0.637
Ca/(Ca + Mg)			1.000	0.990	0.995	0.994	0.987	0.983

Amphibole formulae recalculated on the basis of 23 oxygens

Clinopyroxene formulae recalculated on the basis of 6 oxygens

Chlorite formulae recalculated on the basis of 14 oxygens

Spinel formulae recalculated on the basis of 32 oxygens

Garnet formulae recalculated on the basis of 24 oxygens

Apatite formulae recalculated on the basis of 25 oxygens

Titanite formulae recalculated on the basis of 18 oxygens

Prehnite formulae recalculated on the basis of 24 oxygens

FeO\* – total Fe as FeO, Fe<sub>2</sub>O<sub>3</sub>\* – total Fe as Fe<sub>2</sub>O<sub>3</sub>

0.000 – concentration below detection limit; (empty space) – not analysed

Wo – wollastonite component, En – enstatite component, Fs – ferrosillite component

[wt.%]	Apatite sample no.			Titanite	Prehnite
	JR-AT1	JR-AT2	JR-AT3	JR-T1	JR-PH1
SO <sub>3</sub>	0.000	0.000	0.054		
P <sub>2</sub> O <sub>5</sub>	42.096	41.826	43.437		
F	1.994	2.048	2.097		
Cl	0.047	0.073	0.115		
Y <sub>2</sub> O <sub>3</sub>	0.035	0.045	0.028		
La <sub>2</sub> O <sub>3</sub>	0.000	0.104	0.000		
Ce <sub>2</sub> O <sub>3</sub>	0.087	0.256	0.041		
Nd <sub>2</sub> O <sub>3</sub>	0.184	0.000	0.239		
SiO <sub>2</sub>	0.000	0.032	0.050	31.220	43.944
TiO <sub>2</sub>				40.239	0.054
Al <sub>2</sub> O <sub>3</sub>				0.181	24.653
V <sub>2</sub> O <sub>5</sub>				0.176	
Nb <sub>2</sub> O <sub>5</sub>				0.142	
Cr <sub>2</sub> O <sub>3</sub>				0.003	0.016
Fe <sub>2</sub> O <sub>3</sub> *					0.021
MgO	0.019	0.000	0.014	0.160	0.000
CaO	54.938	56.327	56.503	27.505	27.786
MnO	0.073	0.070	0.000	0.000	0.007
FeO*	0.038	0.015	0.094	1.099	
SrO	0.291	0.349	0.367		
BaO	0.006	0.000	0.000		
Na <sub>2</sub> O	0.026	0.049	0.032	0.000	0.027
H <sub>2</sub> O	0.132	0.092	0.082		1.936
Total	99.966	101.286	103.153	100.725	98.444
S	0.000	0.000	0.007		
P	6.002	5.922	6.000		
Y	0.003	0.004	0.002		
La	0.000	0.006	0.000		
Ce	0.005	0.016	0.002		
Nd	0.011	0.000	0.014		
Si	0.000	0.005	0.008	3.641	6.538
Ti				3.529	0.006
Al				0.025	4.315
V				0.014	
Nb				0.008	
Cr				0.000	0.002
Fe					0.002
Mg	0.005	0.000	0.003	0.028	0.000
Ca	9.913	10.093	9.878	3.436	4.429
Mn	0.010	0.010	0.000	0.000	0.001
Fe	0.005	0.002	0.013	0.107	
Sr	0.028	0.034	0.035		
Ba	0.000	0.000	0.000		
Na	0.008	0.016	0.010	0.000	0.008
Sum	15.990	16.108	15.972	10.788	15.301
F	-1.450	-1.490	-1.526		
Cl	-0.014	-0.021	-0.034		
P [wt.%]	18.372	18.254	18.957		
Ca [wt.%]	39.264	40.257	40.382		