LPN

Project 1

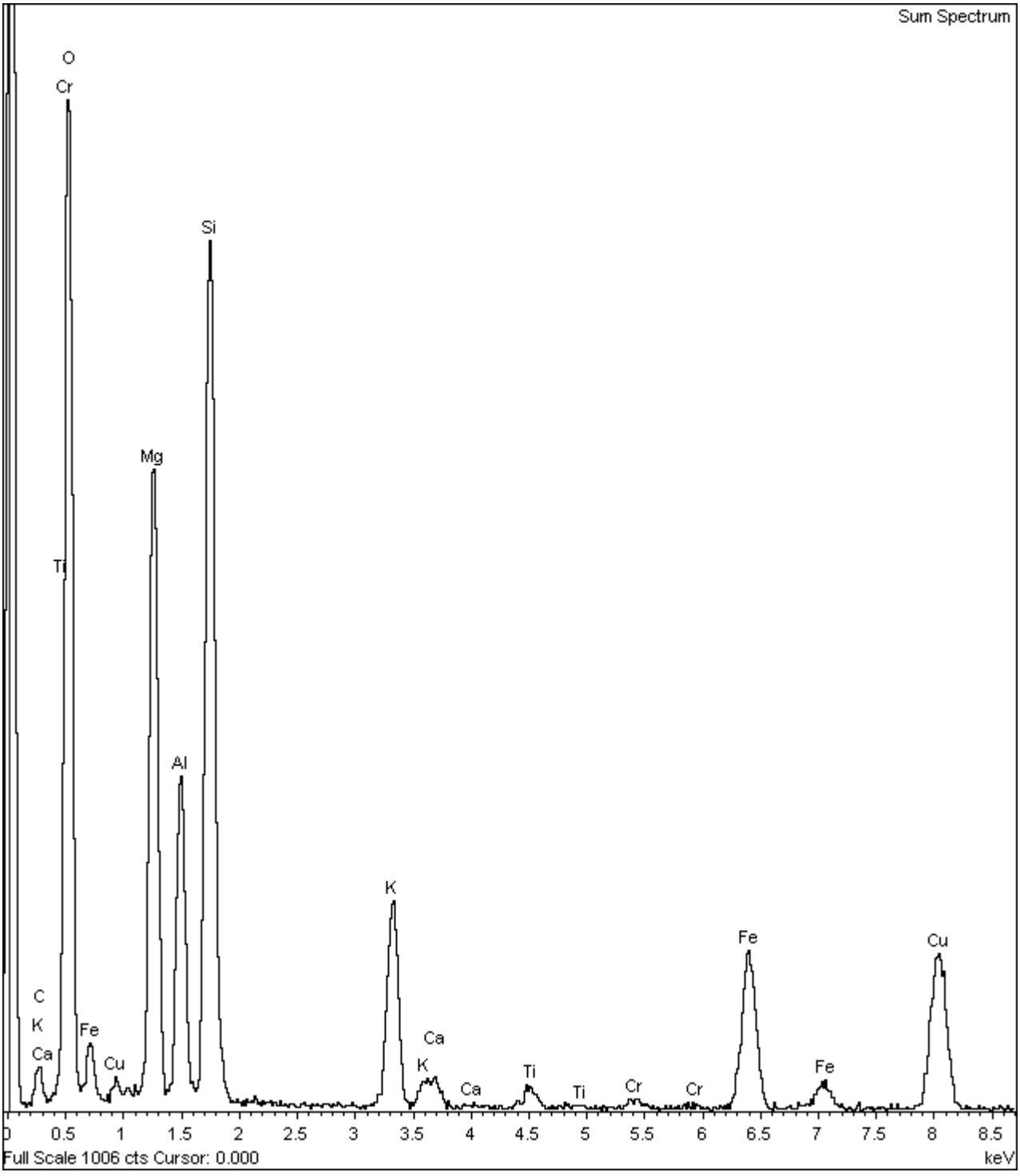
10/05/2014 15:20:05

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



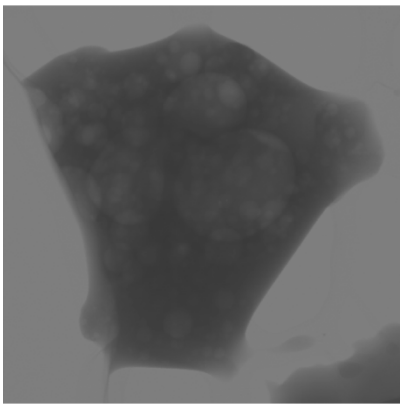
Comment:

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	13866	216	1.065	1.000	38.67	0.43	54.05
Mg K	9818	177	0.606	1.000	15.57	0.27	14.32
Al K	4998	141	0.589	1.000	7.72	0.21	6.39
Si K	14694	215	0.569	1.000	21.90	0.30	17.44
K K	4679	122	0.552	1.000	6.76	0.17	3.87
Ca K	546	60	0.542	1.000	0.78	0.09	0.43
Ti K	468	51	0.608	1.000	0.74	0.08	0.35
Fe K	4425	114	0.678	1.000	7.86	0.20	3.15
Totals					100.00		

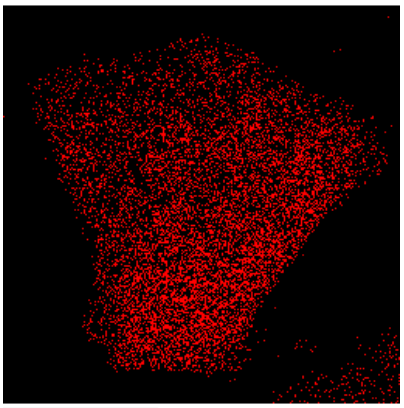
Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	4240	118	1.065	1.000	38.67	0.76	54.18
Mg K	2977	95	0.606	1.000	15.44	0.47	14.24
Al K	1498	76	0.589	1.000	7.56	0.37	6.28
Si K	4409	117	0.569	1.000	21.49	0.53	17.15
K K	1495	67	0.552	1.000	7.06	0.31	4.05
Ca K	173	33	0.542	1.000	0.81	0.15	0.45
Ti K	172	30	0.608	1.000	0.90	0.15	0.42
Fe K	1391	63	0.678	1.000	8.07	0.35	3.24
Totals					100.00		

Project 1

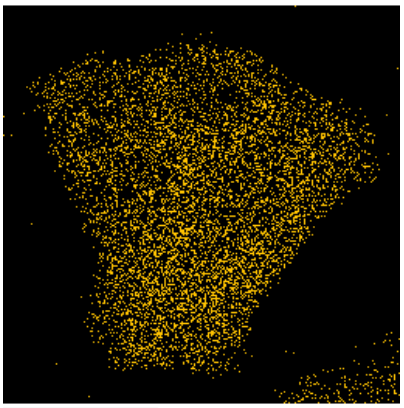
10/05/2014 15:30:19



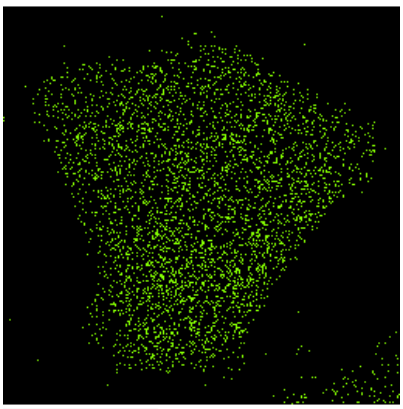
1µm Electron Image 1



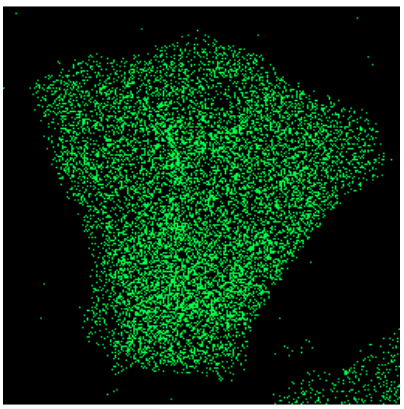
1µm O Ka1



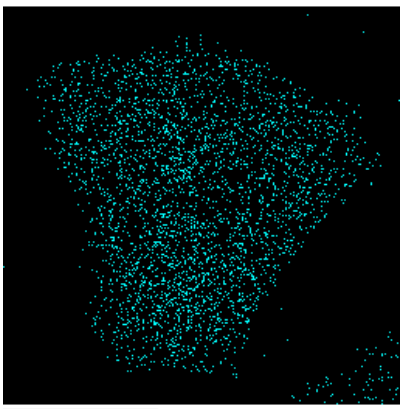
1µm Mg Ka1_2



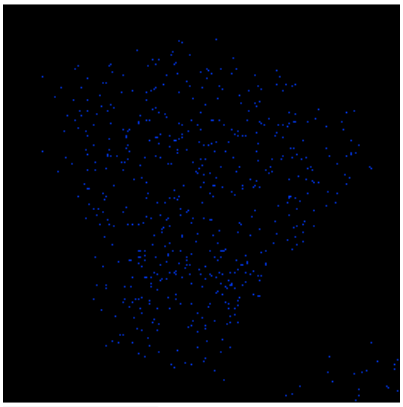
1µm Al Ka1



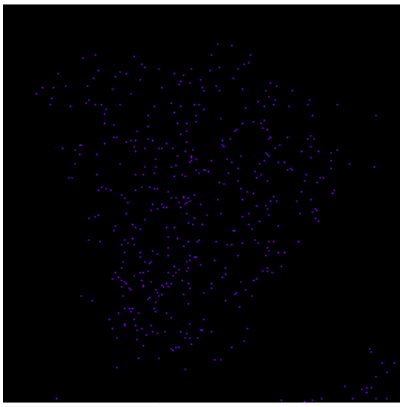
1µm Si Ka1



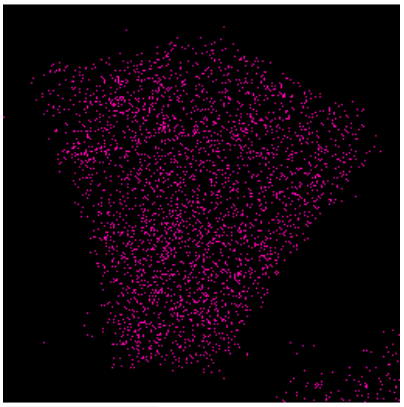
1µm K Ka1



1µm Ca Ka1



1µm Ti Ka1

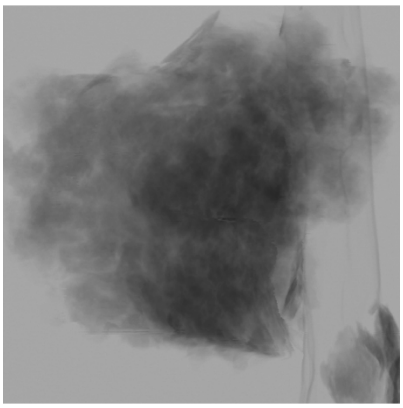


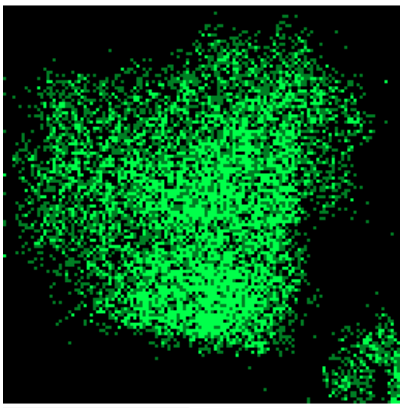
1µm Fe Ka1

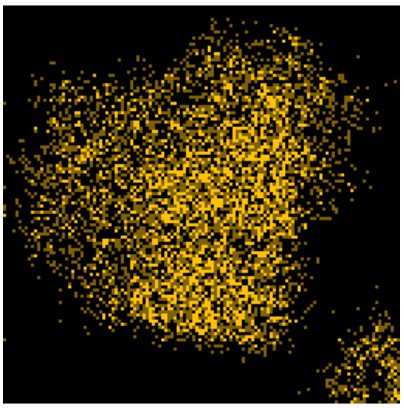
Comment:

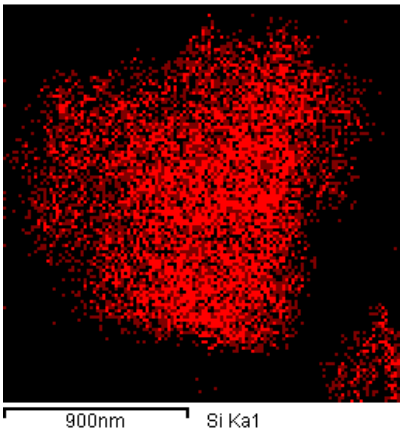
Project 1

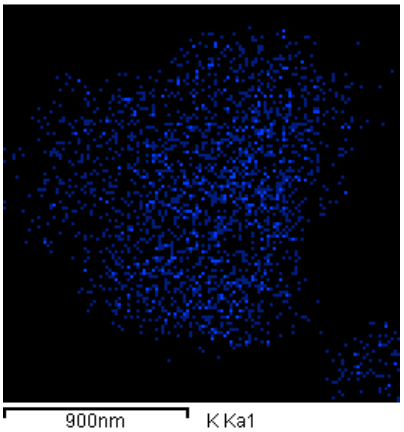
10/05/2014 15:30:42

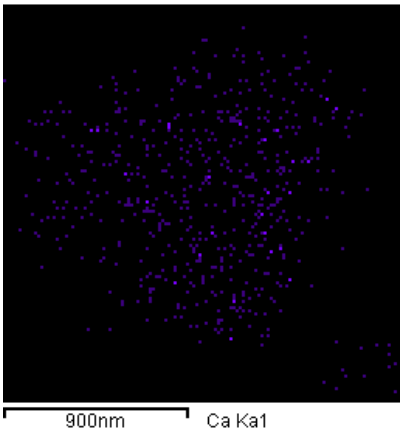


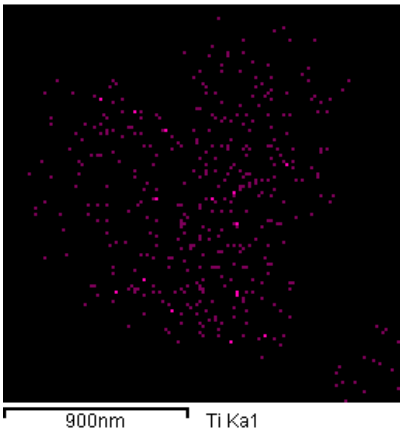


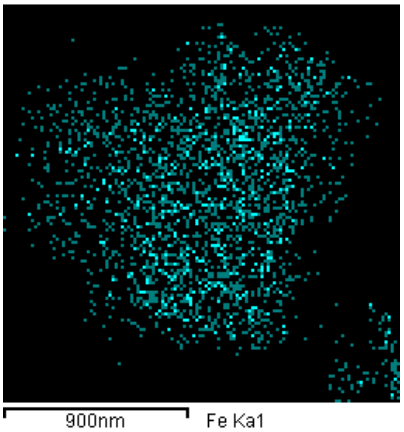












Comment:

Project 1

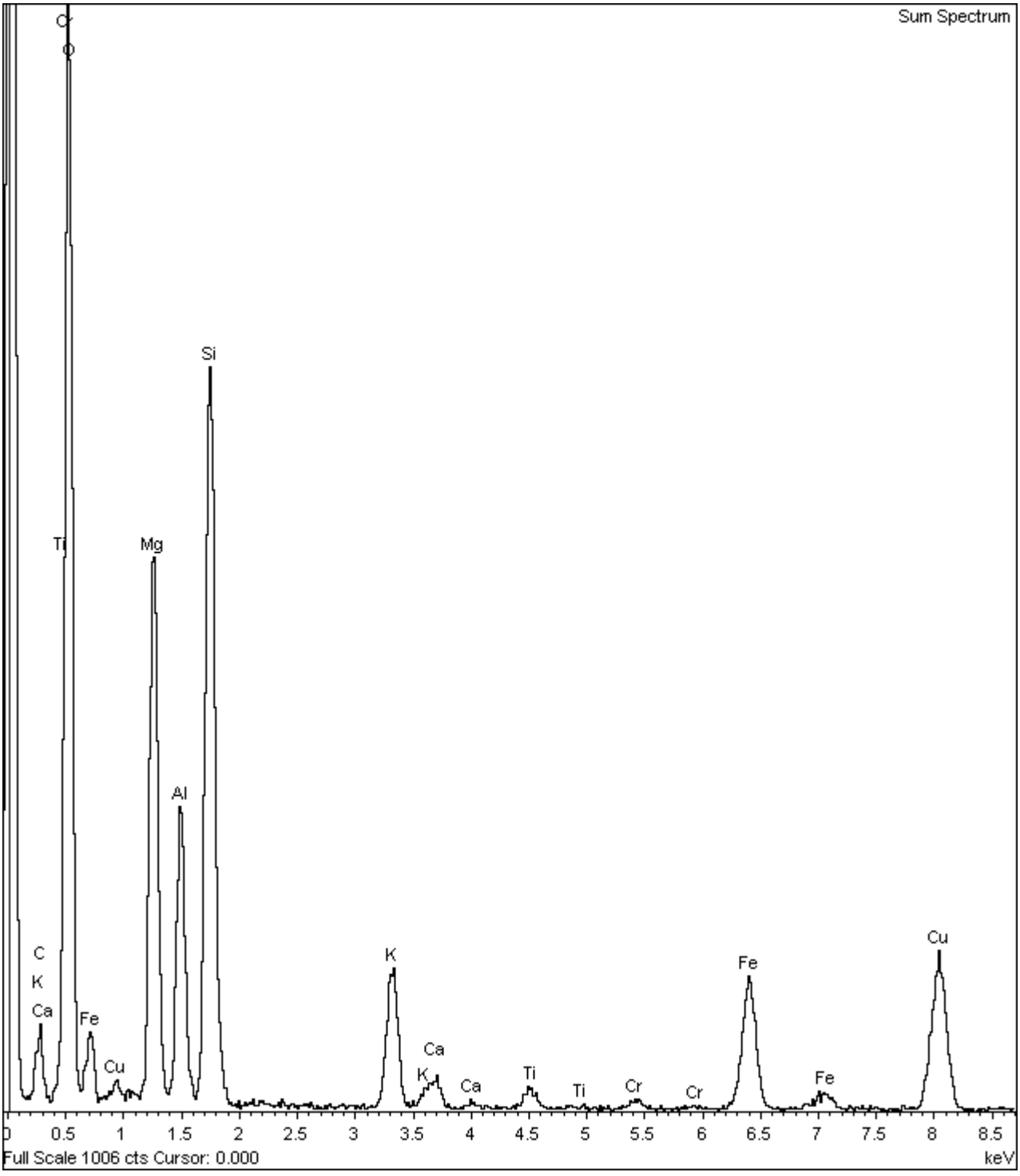
10/05/2014 15:31:02

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



Comment:

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	14519	222	1.065	1.000	44.27	0.45	59.49
Mg K	8357	163	0.606	1.000	14.49	0.27	12.82
Al K	4357	130	0.589	1.000	7.35	0.21	5.86
Si K	12526	199	0.569	1.000	20.41	0.31	15.63
K K	3146	102	0.552	1.000	4.97	0.16	2.73
Ca K	625	58	0.542	1.000	0.97	0.09	0.52
Ti K	436	48	0.608	1.000	0.76	0.08	0.34
Fe K	3495	103	0.678	1.000	6.78	0.19	2.61
Totals					100.00		

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	14519	222	1.065	1.000	44.27	0.45	59.49
Mg K	8357	163	0.606	1.000	14.49	0.27	12.82
Al K	4357	130	0.589	1.000	7.35	0.21	5.86
Si K	12526	199	0.569	1.000	20.41	0.31	15.63
K K	3146	102	0.552	1.000	4.97	0.16	2.73
Ca K	625	58	0.542	1.000	0.97	0.09	0.52
Ti K	436	48	0.608	1.000	0.76	0.08	0.34
Fe K	3495	103	0.678	1.000	6.78	0.19	2.61
Totals					100.00		

Project 1

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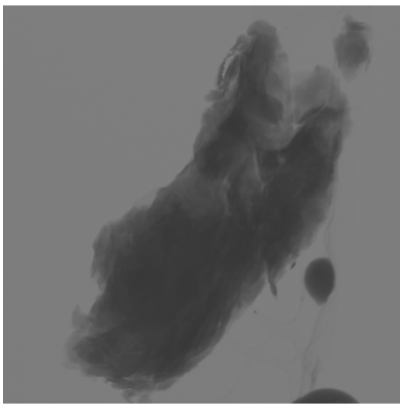
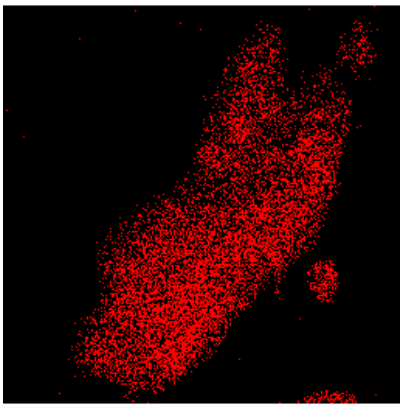
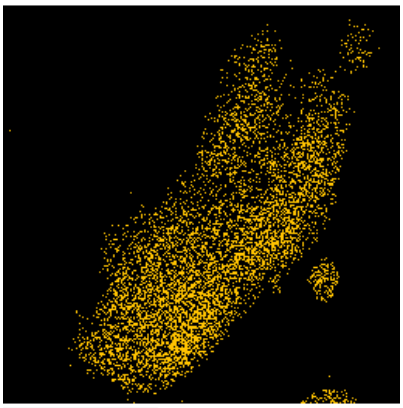


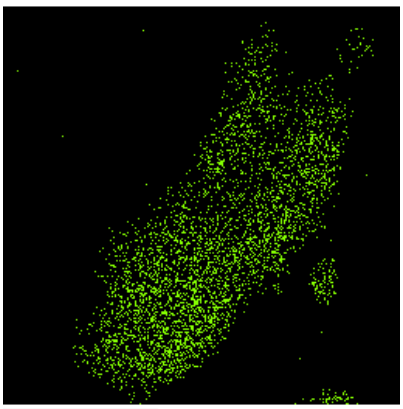
2µm Electron Image 1



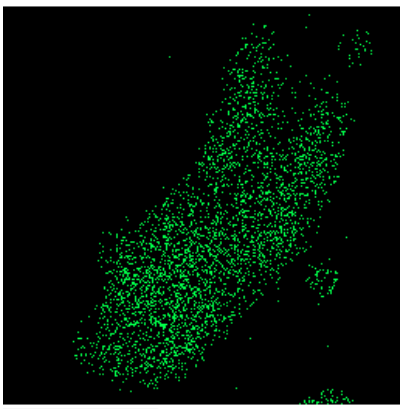
2µm Si Ka1



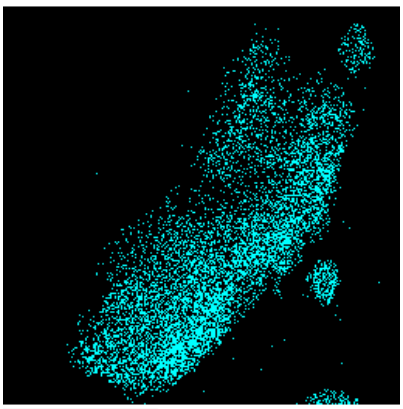
2µm Mg Ka1_2



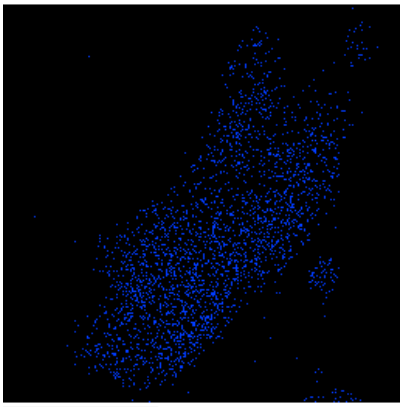
2µm Al Ka1



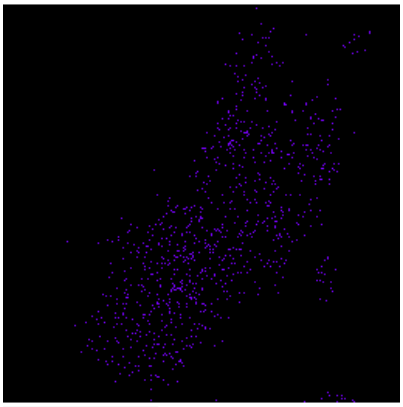
2µm Fe Ka1



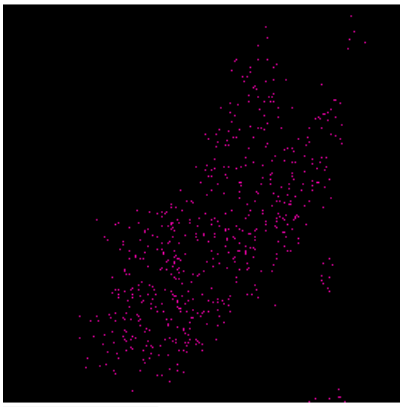
2µm O Ka1



2µm K Ka1



2µm Ca Ka1



2µm Ti Ka1

Comment:

Project 1

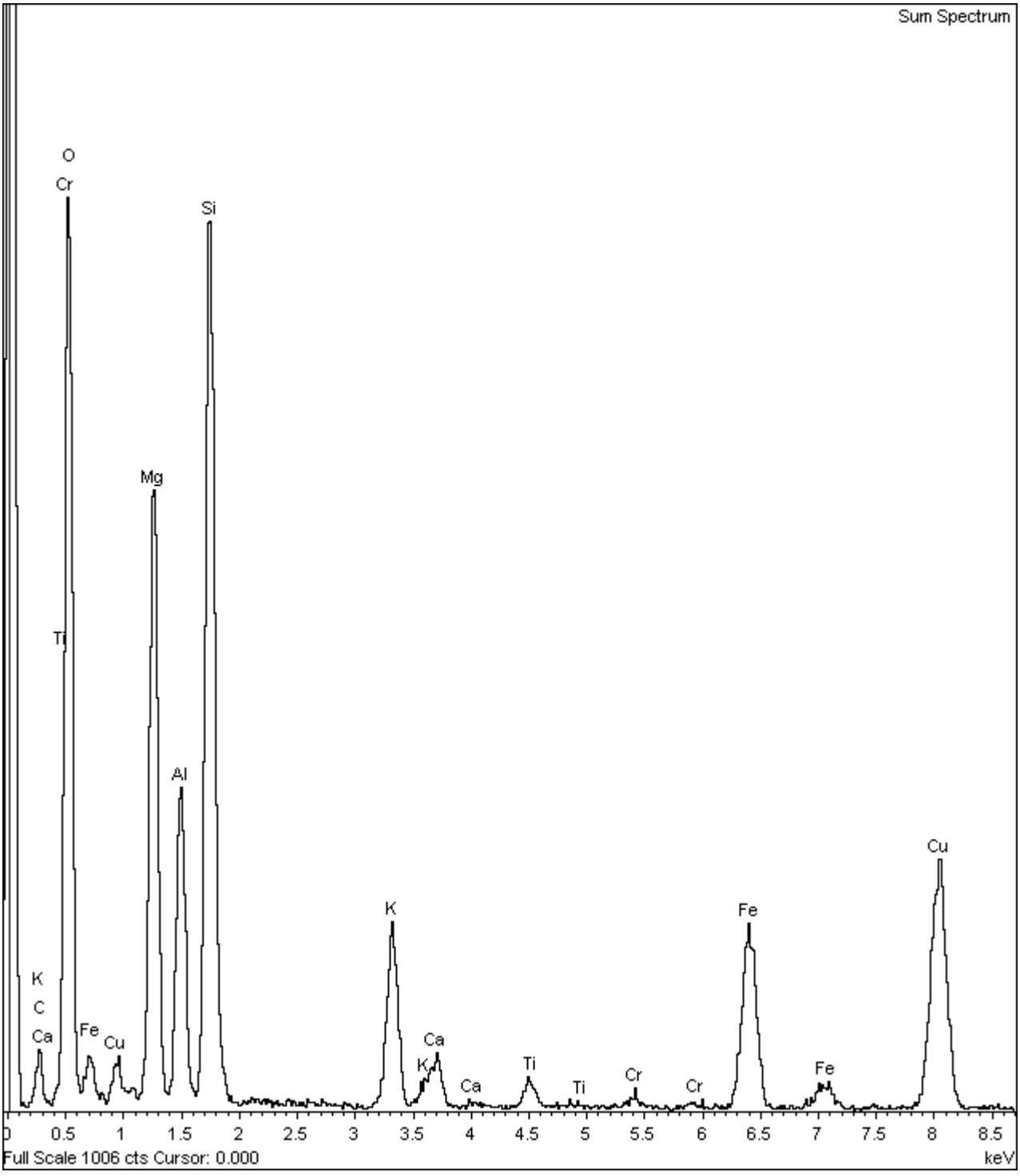
10/05/2014 15:43:51

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



Comment:

Project 1

10/05/2014 15:47:21

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	12142	201	1.065	1.000	35.47	0.43	50.92
Mg K	9290	171	0.606	1.000	15.44	0.27	14.58
Al K	4876	138	0.589	1.000	7.89	0.22	6.71
Si K	14971	216	0.569	1.000	23.37	0.31	19.11
K K	3835	114	0.552	1.000	5.81	0.17	3.41
Ca K	1003	72	0.542	1.000	1.49	0.11	0.86
Ti K	622	56	0.608	1.000	1.04	0.09	0.50
Fe K	5108	123	0.678	1.000	9.50	0.22	3.91
Totals					100.00		

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
C K	68	64	1.425	1.000	1.28	1.18	2.41
O K	2533	91	1.065	1.000	35.71	1.03	50.55
Mg K	1840	76	0.606	1.000	14.76	0.60	13.75
Al K	900	61	0.589	1.000	7.02	0.47	5.89
Si K	3075	97	0.569	1.000	23.17	0.73	18.69
K K	811	51	0.552	1.000	5.93	0.37	3.43
Ca K	246	33	0.542	1.000	1.77	0.23	1.00
Ti K	131	25	0.608	1.000	1.06	0.20	0.50
Fe K	1037	53	0.678	1.000	9.31	0.47	3.78
Totals					100.00		

Project 1

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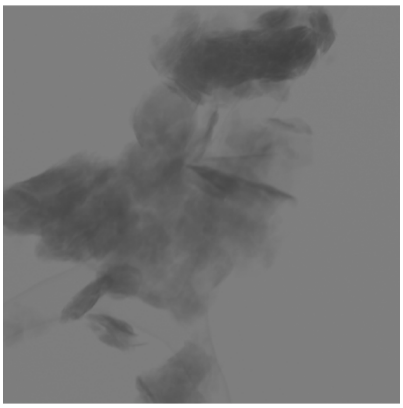
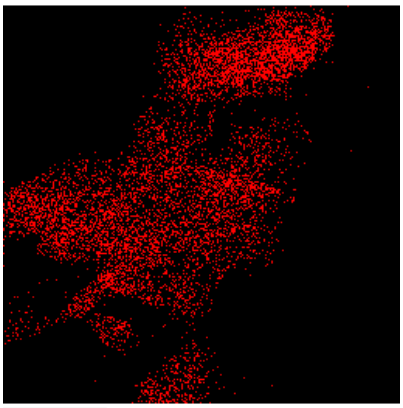
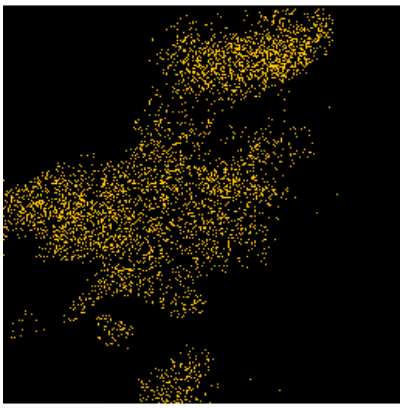


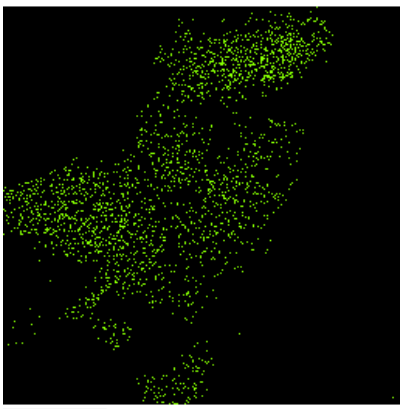
Electron Image 1



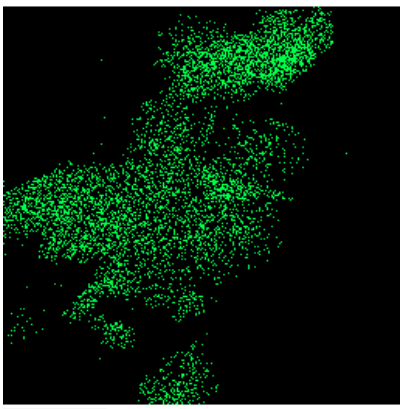
O Ka1



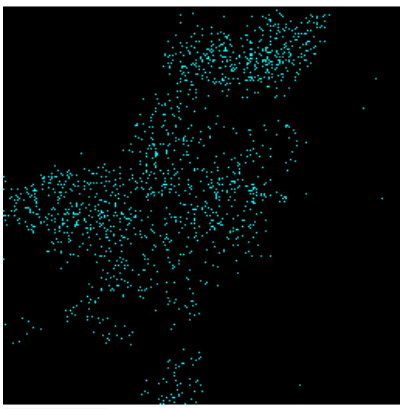
Mg Ka1_2



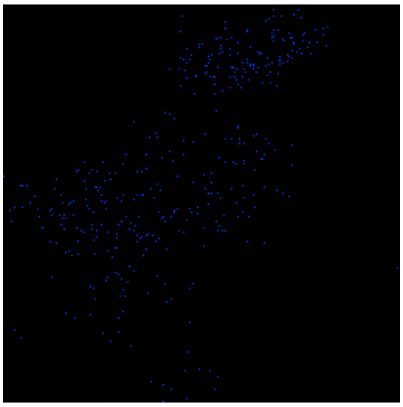
Al Ka1



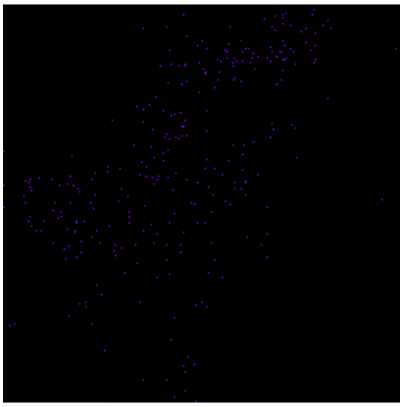
Si Ka1



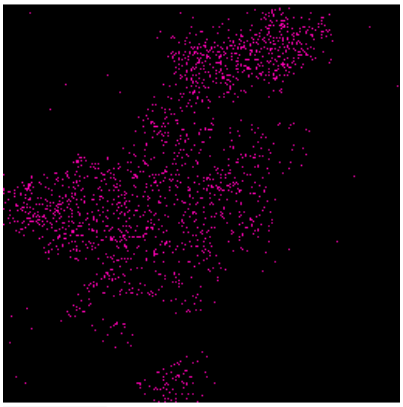
K Ka1



Ca Ka1



Ti Ka1



Fe Ka1

Comment:

Project 1

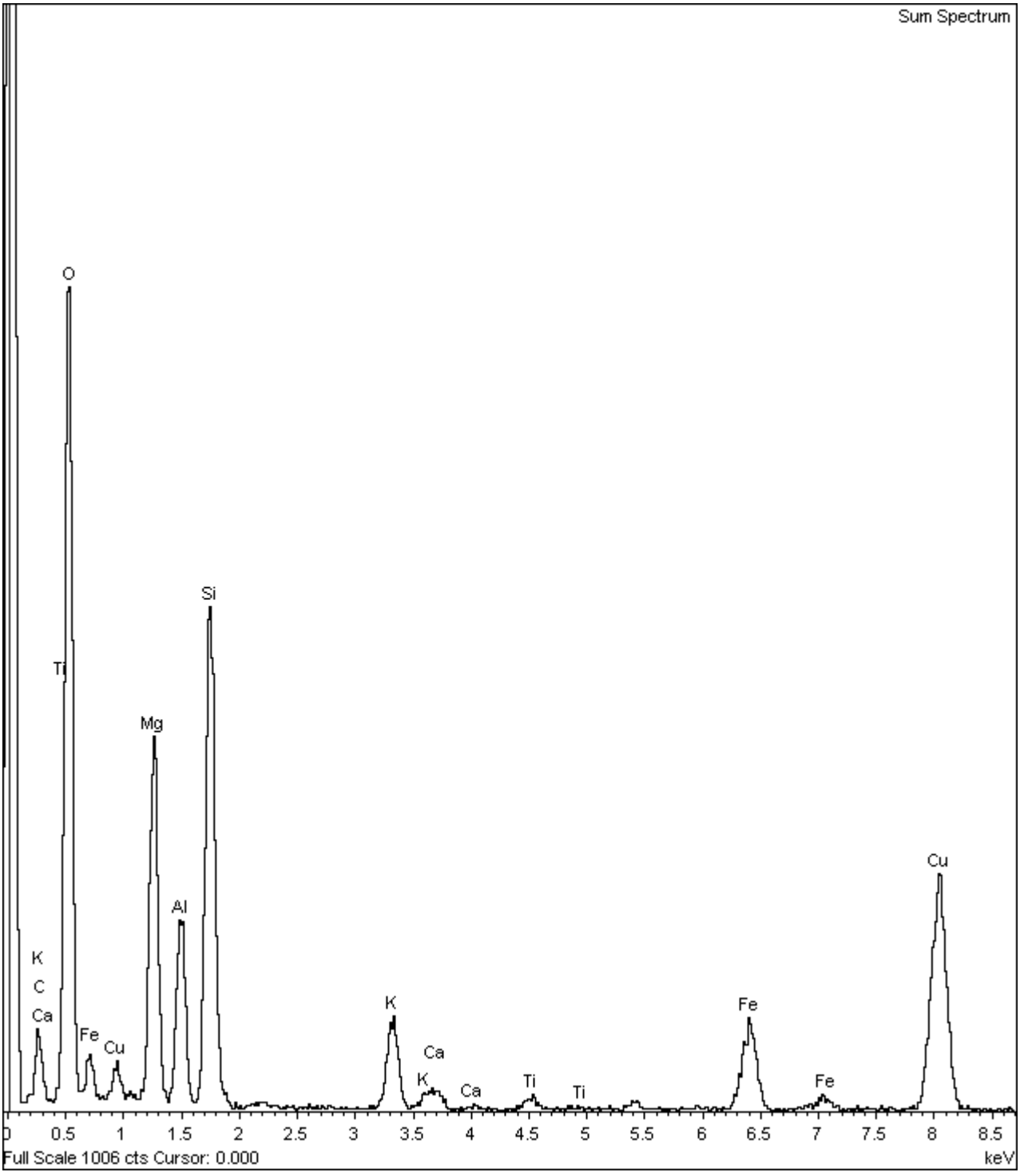
10/05/2014 15:57:40

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



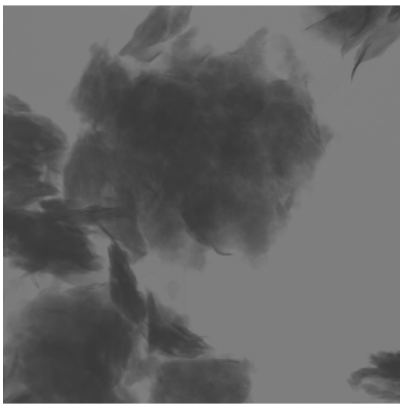
Comment:

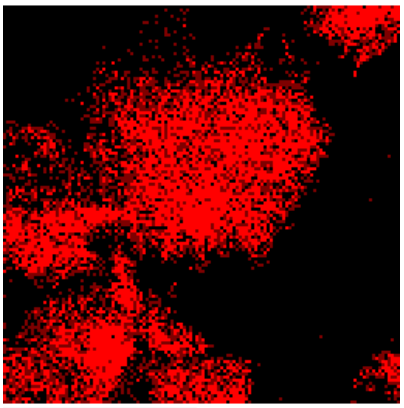
Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	10913	194	1.065	1.000	47.15	0.54	62.30
Mg K	5500	134	0.606	1.000	13.51	0.32	11.75
Al K	2921	107	0.589	1.000	6.98	0.25	5.47
Si K	8463	164	0.569	1.000	19.54	0.36	14.71
K K	2049	84	0.552	1.000	4.59	0.19	2.48
Ca K	398	49	0.542	1.000	0.88	0.11	0.46
Ti K	305	39	0.608	1.000	0.75	0.10	0.33
Fe K	2400	87	0.678	1.000	6.60	0.23	2.50
Totals					100.00		

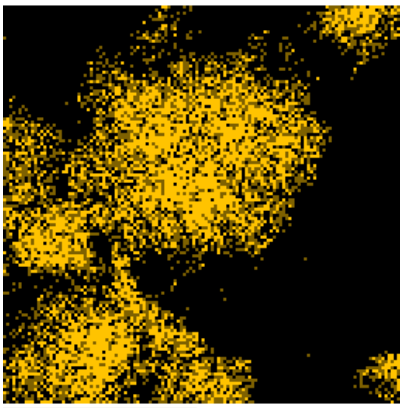
Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	10913	194	1.065	1.000	47.15	0.54	62.30
Mg K	5500	134	0.606	1.000	13.51	0.32	11.75
Al K	2921	107	0.589	1.000	6.98	0.25	5.47
Si K	8463	164	0.569	1.000	19.54	0.36	14.71
K K	2049	84	0.552	1.000	4.59	0.19	2.48
Ca K	398	49	0.542	1.000	0.88	0.11	0.46
Ti K	305	39	0.608	1.000	0.75	0.10	0.33
Fe K	2400	87	0.678	1.000	6.60	0.23	2.50
Totals					100.00		

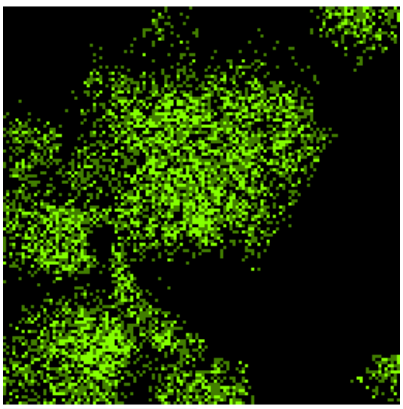
Project 1

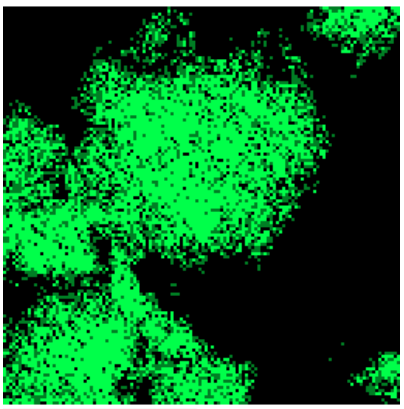
10/05/2014 16:09:13

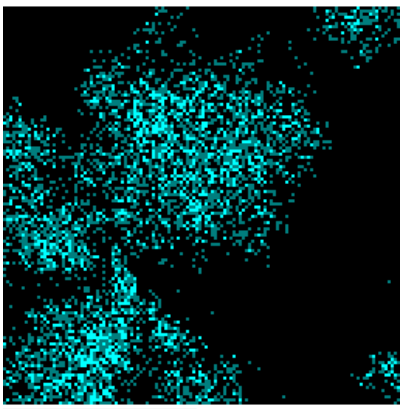


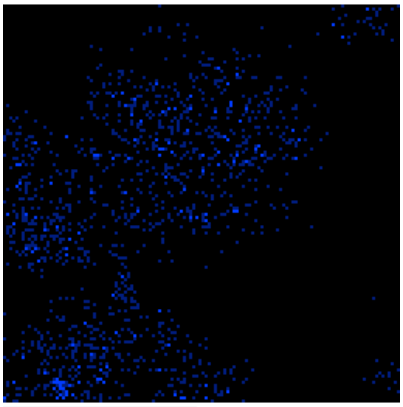


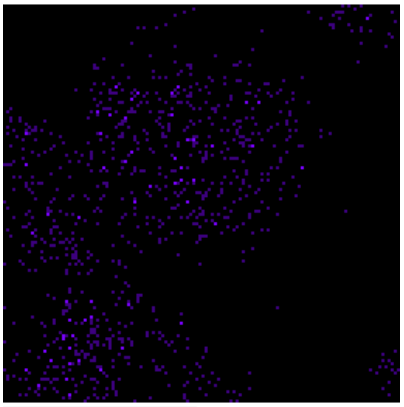


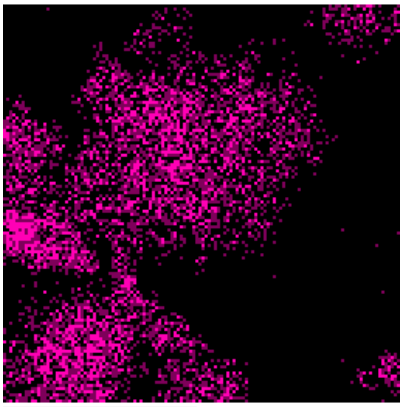












Comment:

Project 1

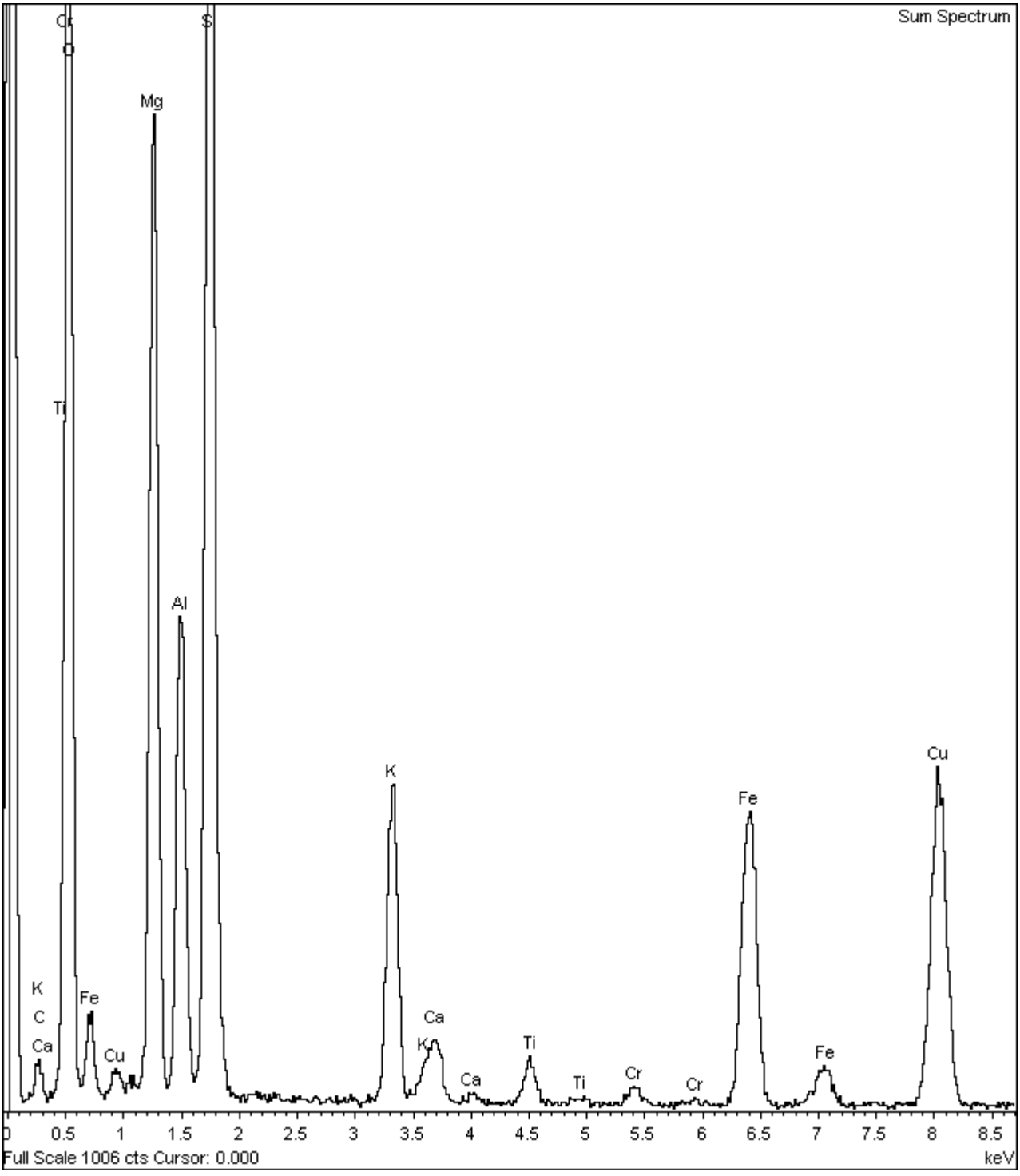
10/05/2014 16:09:33

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



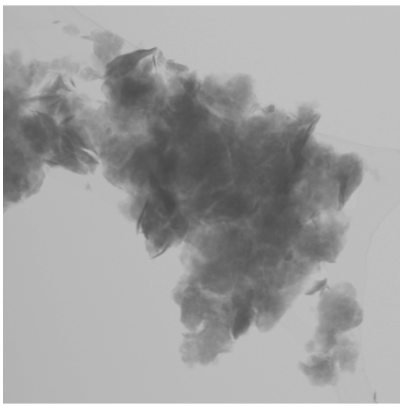
Comment:

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	18445	248	1.065	1.000	34.00	0.34	49.53
Mg K	14653	216	0.606	1.000	15.36	0.21	14.73
Al K	7580	174	0.589	1.000	7.73	0.17	6.68
Si K	23765	276	0.569	1.000	23.41	0.25	19.43
K K	7100	153	0.552	1.000	6.78	0.14	4.04
Ca K	1478	90	0.542	1.000	1.39	0.08	0.81
Ti K	964	71	0.608	1.000	1.01	0.07	0.49
Fe K	8777	162	0.678	1.000	10.30	0.18	4.30
Totals					100.00		

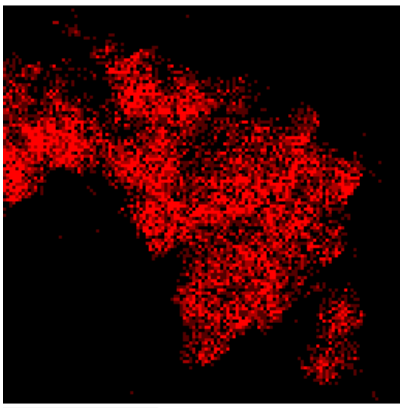
Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	18445	248	1.065	1.000	34.00	0.34	49.53
Mg K	14653	216	0.606	1.000	15.36	0.21	14.73
Al K	7580	174	0.589	1.000	7.73	0.17	6.68
Si K	23765	276	0.569	1.000	23.41	0.25	19.43
K K	7100	153	0.552	1.000	6.78	0.14	4.04
Ca K	1478	90	0.542	1.000	1.39	0.08	0.81
Ti K	964	71	0.608	1.000	1.01	0.07	0.49
Fe K	8777	162	0.678	1.000	10.30	0.18	4.30
Totals					100.00		

Project 1

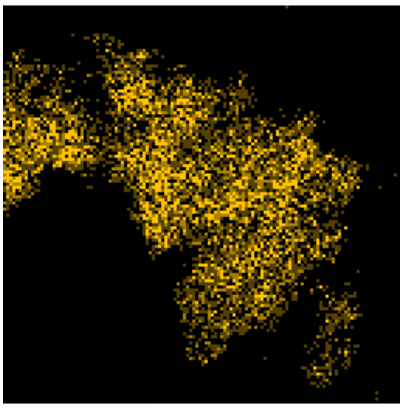
10/05/2014 16:27:01



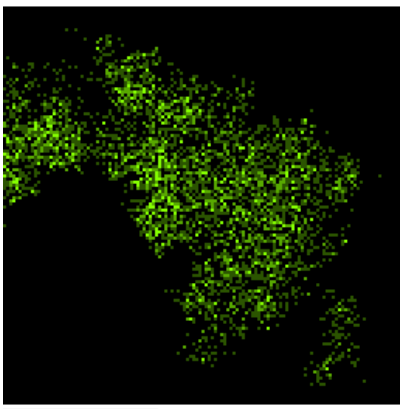
3µm Electron Image 1



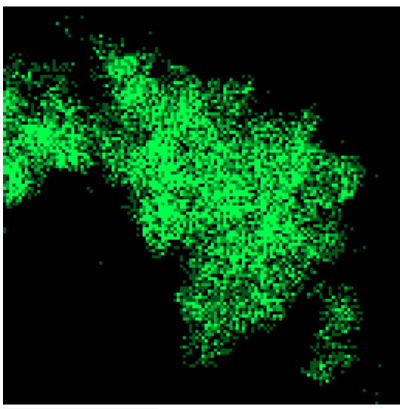
3µm O Ka1



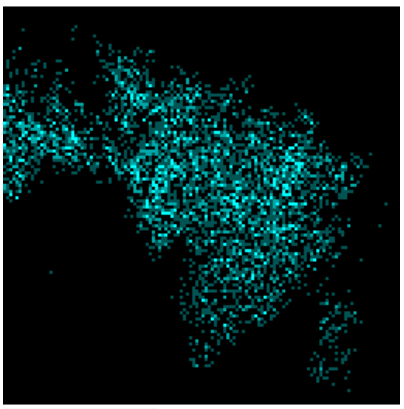
3µm Mg Ka1_2



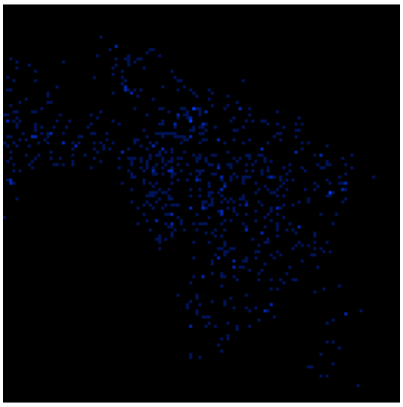
3µm Al Ka1



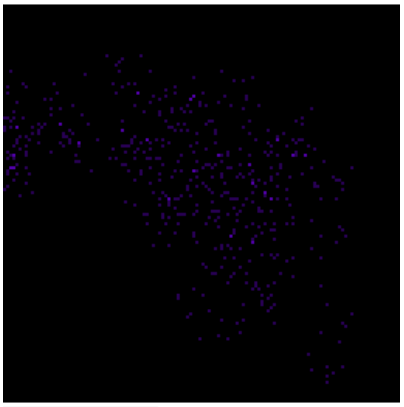
3µm Si Ka1



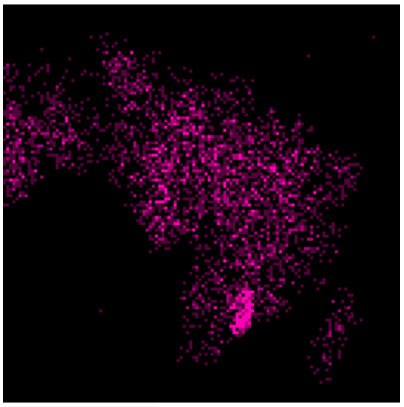
3µm K Ka1



3µm Ca Ka1



3µm Ti Ka1



3µm Fe Ka1

Comment:

Project 1

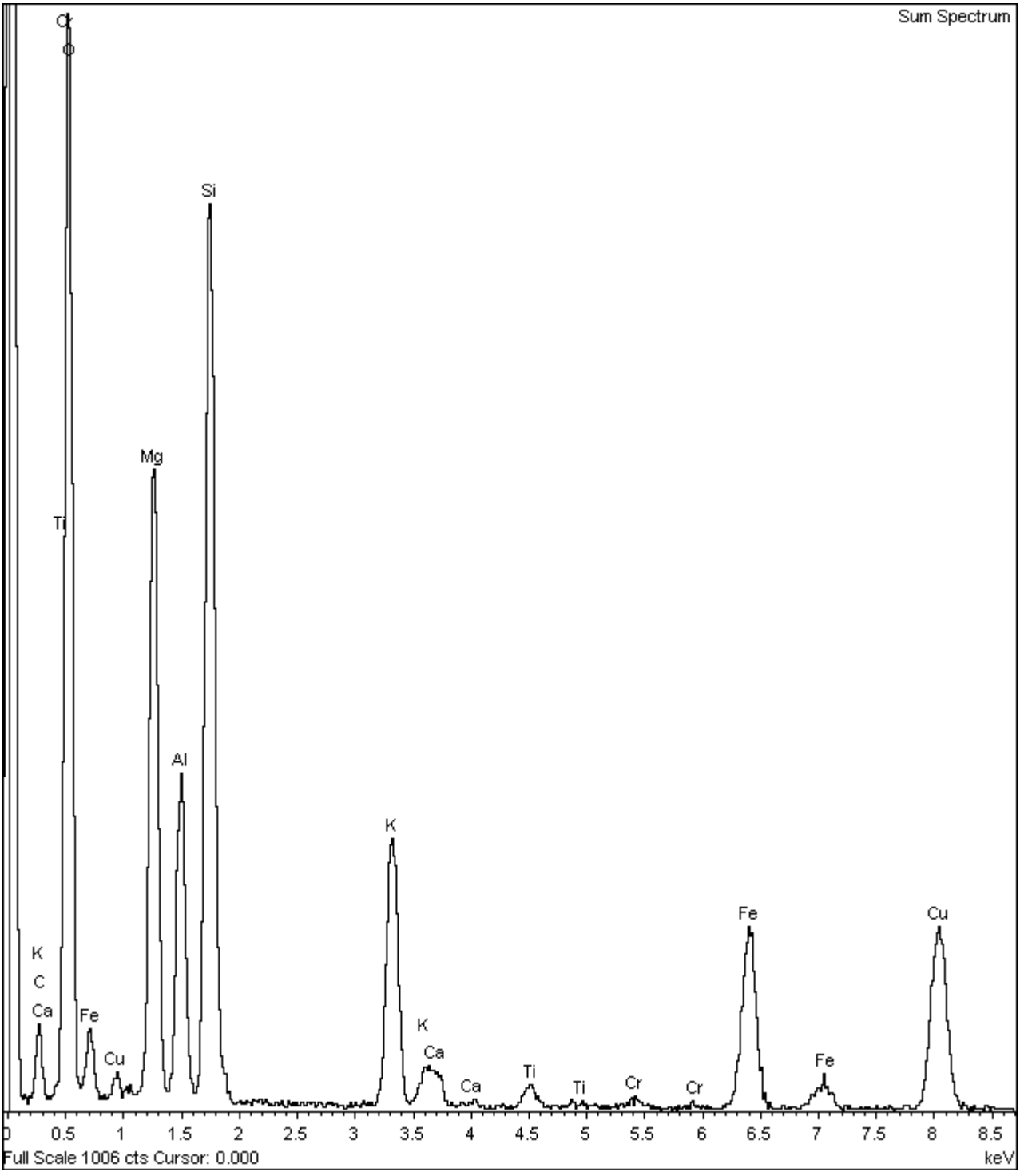
10/05/2014 16:27:10

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default



Comment:

Project 1

10/05/2014 16:27:45

Project: Project 1

Owner: INCA

Sample: L4P-MW-No

Type: Default

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
O K	14545	223	1.065	1.000	38.13	0.42	53.94
Mg K	9738	177	0.606	1.000	14.52	0.25	13.52
Al K	4999	141	0.589	1.000	7.25	0.20	6.09
Si K	15146	220	0.569	1.000	21.22	0.29	17.10
K K	6301	142	0.552	1.000	8.56	0.19	4.96
Ca K	796	72	0.542	1.000	1.06	0.10	0.60
Ti K	512	53	0.608	1.000	0.77	0.08	0.36
Fe K	5084	122	0.678	1.000	8.48	0.20	3.44
Totals					100.00		

Element	Peak Area	Area Sigma	k factor	Abs Corrn.	Weight%	Weight% Sigma	Atomic%
C K	148	55	1.425	1.000	3.35	1.21	6.19
O K	2074	82	1.065	1.000	35.16	1.11	48.84
Mg K	1543	68	0.606	1.000	14.87	0.65	13.60
Al K	691	52	0.589	1.000	6.48	0.48	5.34
Si K	2381	83	0.569	1.000	21.57	0.76	17.07
K K	959	54	0.552	1.000	8.42	0.47	4.79
Ca K	97	28	0.542	1.000	0.84	0.24	0.47
Fe K	863	47	0.678	1.000	9.31	0.50	3.70
Totals					100.00		