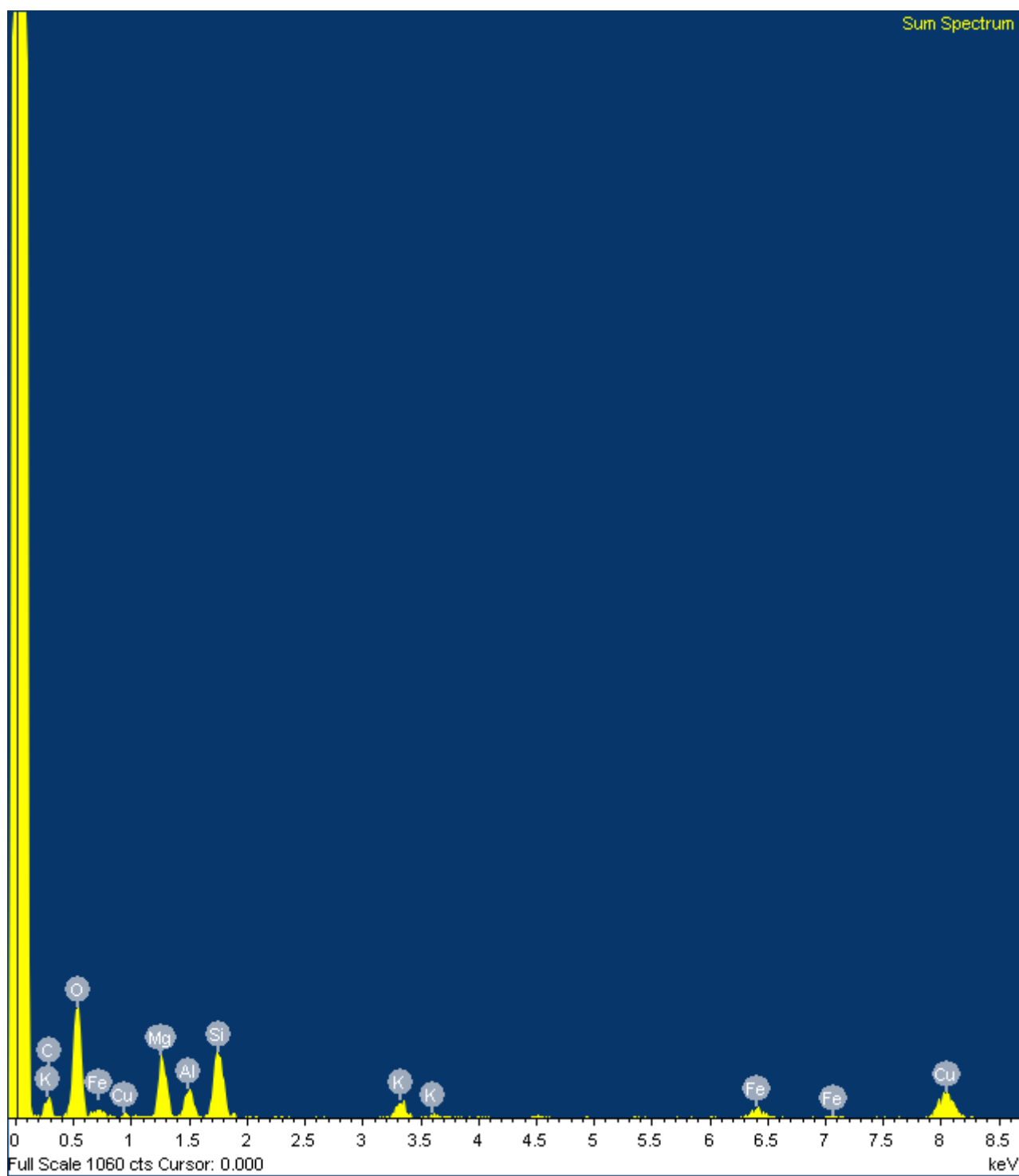


Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default



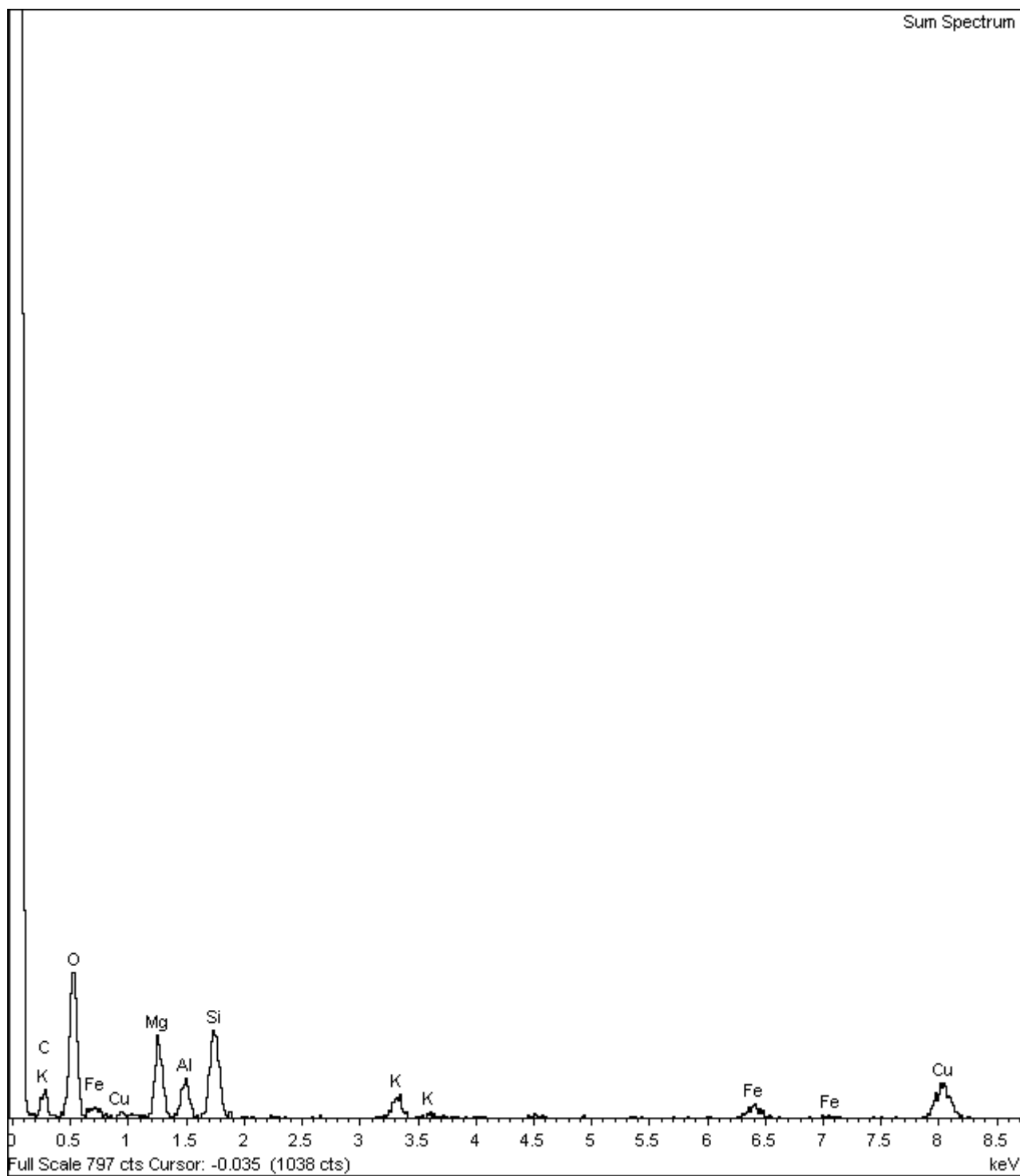
Comment:

Project: Project 1

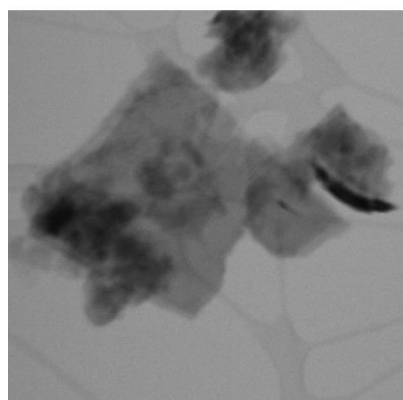
Owner: INCA

Sample: L4E-MW-No

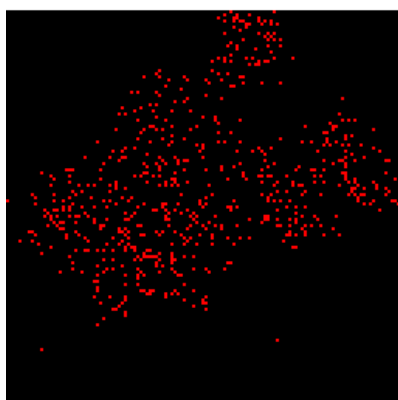
Type: Default



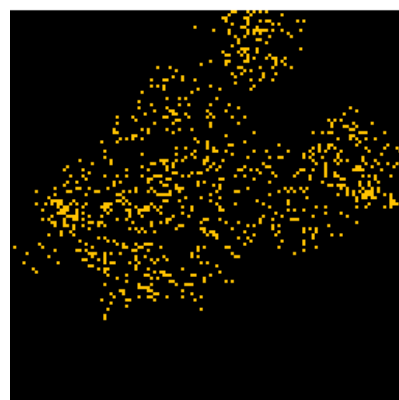
Comment:



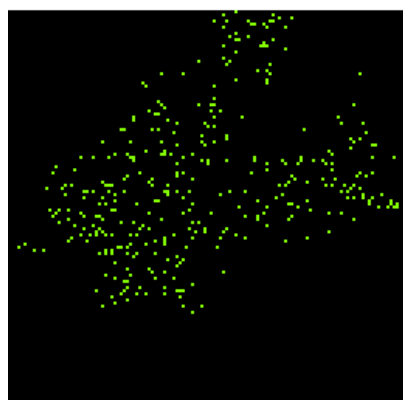
Electron Image 1



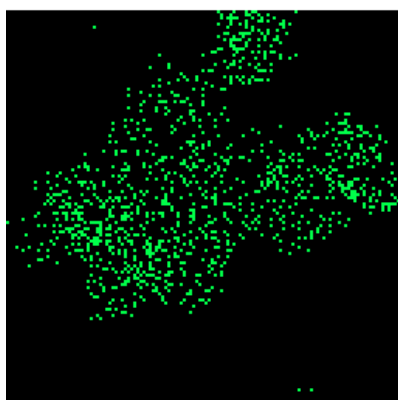
Mg Ka1\_2



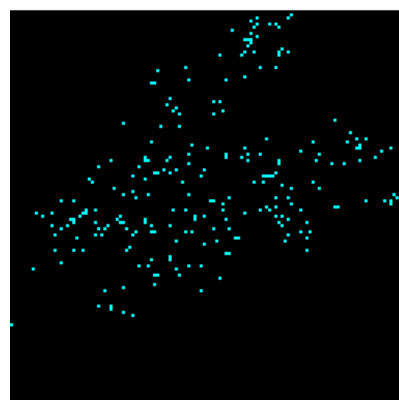
Si Ka1



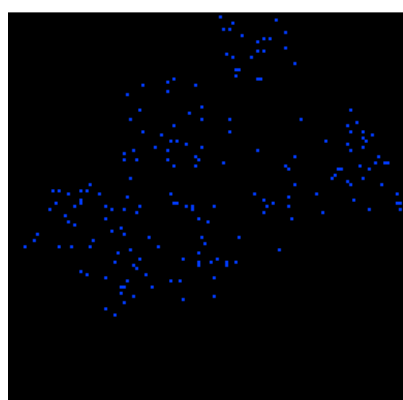
Al Ka1



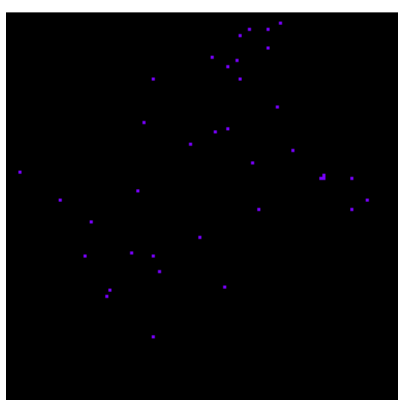
O Ka1



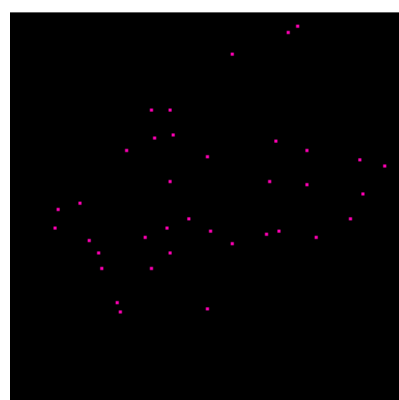
K Ka1



Fe Ka1



Ca Ka1



Ti Ka1

Comment:

## Project 1

13/05/2014 12:55:19

Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 12:54 PM

Livetime (s) : 465.31

Real time (s) : 0.00

Detector : X-Max

Window : SATW

Tilt (deg) : 0.0

Elevation (deg) : 17.7

Azimuth (deg) : 0.0

Sample thickness: 0.0 nm

Sample density: 0.00 g/cm<sup>3</sup>

Spectrum processing :

Peak possibly omitted : 8.032 keV

Quantitation method : Cliff Lorimer thin ratio section.

Processing option : All elements analyzed (Normalised)

Number of iterations = 1

Standardless

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corrn.		Sigma	
O K	1631	77	1.065	1.000	49.08	1.45	63.61

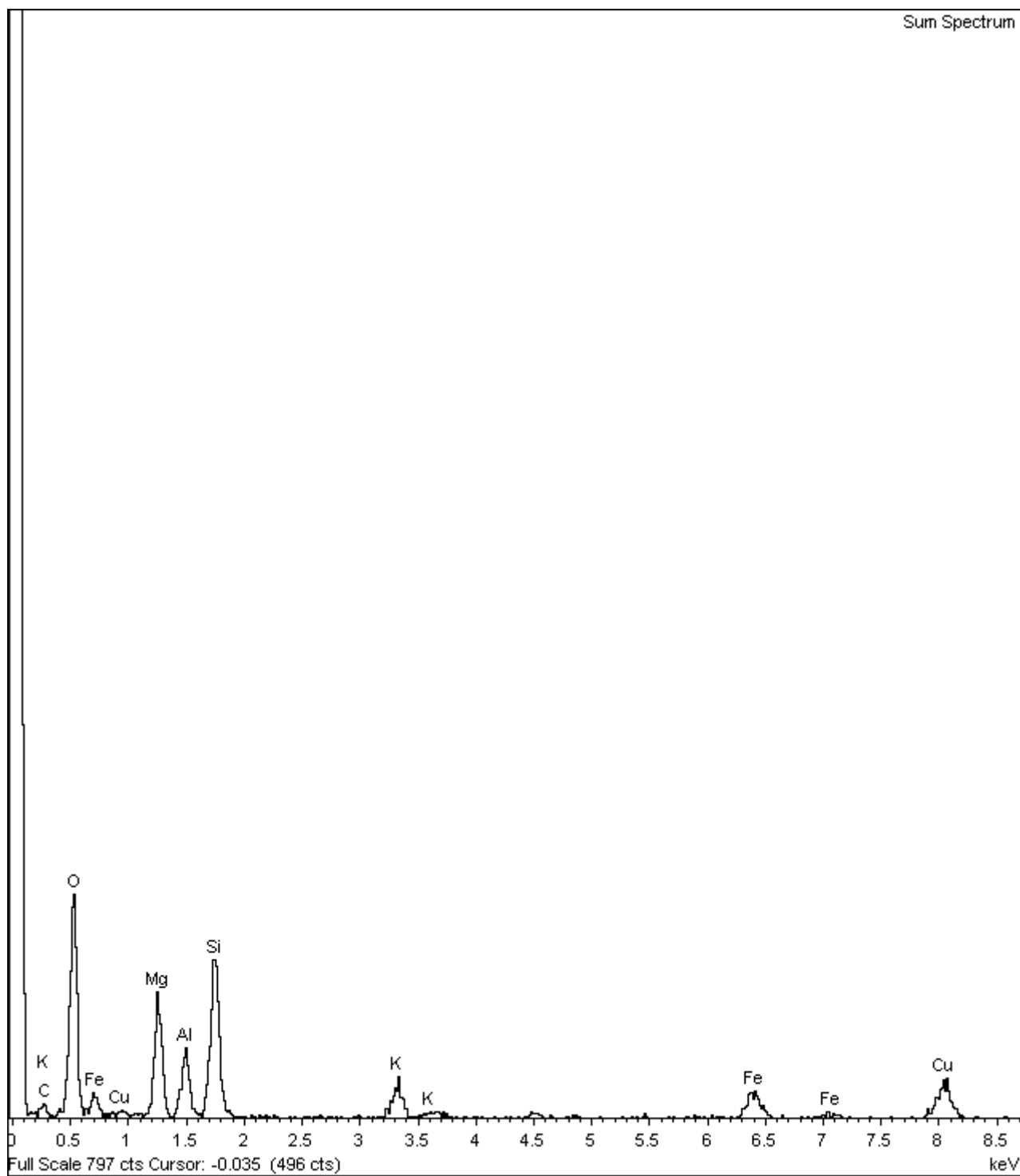
Mg K	832	50	0.606	1.000	14.24	0.84	12.15
Al K	441	40	0.589	1.000	7.34	0.65	5.64
Si K	1138	61	0.569	1.000	18.29	0.94	13.50
K K	360	33	0.552	1.000	5.61	0.51	2.98
Ca K	28	24	0.542	1.000	0.42	0.36	0.22
Ti K	44	25	0.608	1.000	0.76	0.43	0.33
Fe K	222	29	0.678	1.000	4.26	0.54	1.58
Totals					100.00		

Project: Project 1

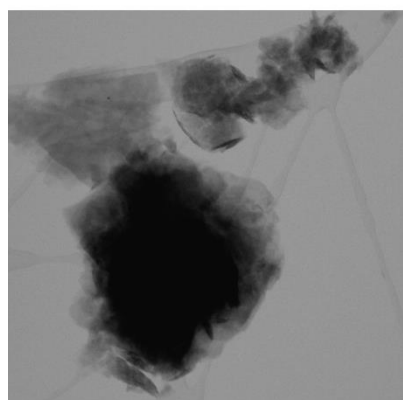
Owner: INCA

Sample: L4E-MW-No

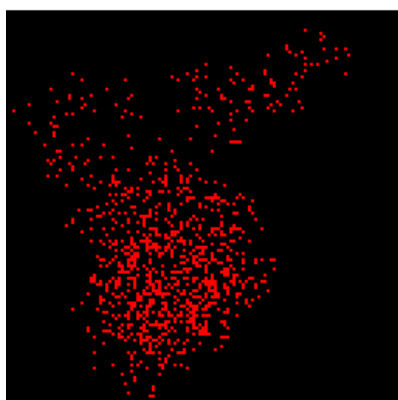
Type: Default



Comment:



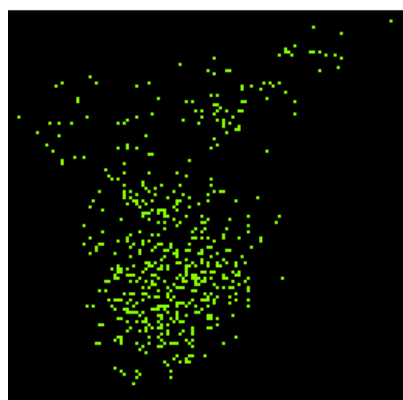
Electron Image 1



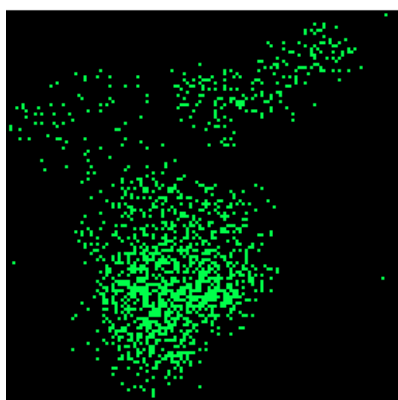
Mg Ka1\_2



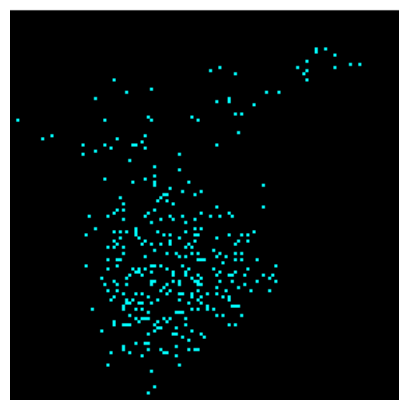
Si Ka1



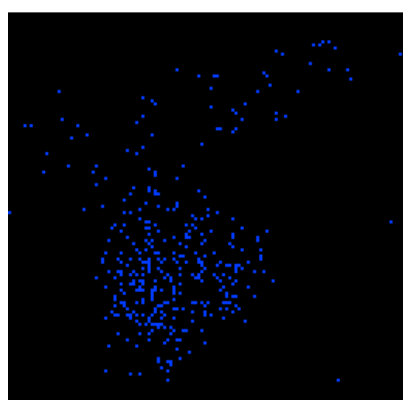
Al Ka1



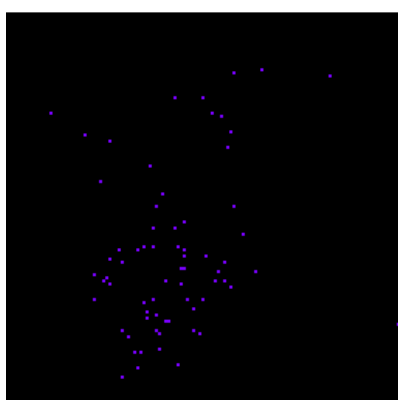
O Ka1



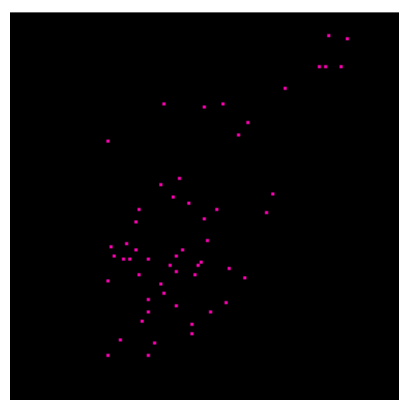
K Ka1



Fe Ka1



Ca Ka1



Ti Ka1

Comment:

Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 01:03 PM

Livetime (s) : 229.38

Real time (s) : 0.00

Detector : X-Max

Window : SATW

Tilt (deg) : 0.0

Elevation (deg) : 17.7

Azimuth (deg) : 0.0

Sample thickness: 0.0 nm

Sample density: 0.00 g/cm<sup>3</sup>

Spectrum processing :

Peak possibly omitted : 8.039 keV

Quantitation method : Cliff Lorimer thin ratio section.

Processing option : All elements analyzed (Normalised)

Number of iterations = 1

Standardless

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corn.		Sigma	
O K	2360	93	1.065	1.000	44.78	1.15	59.87



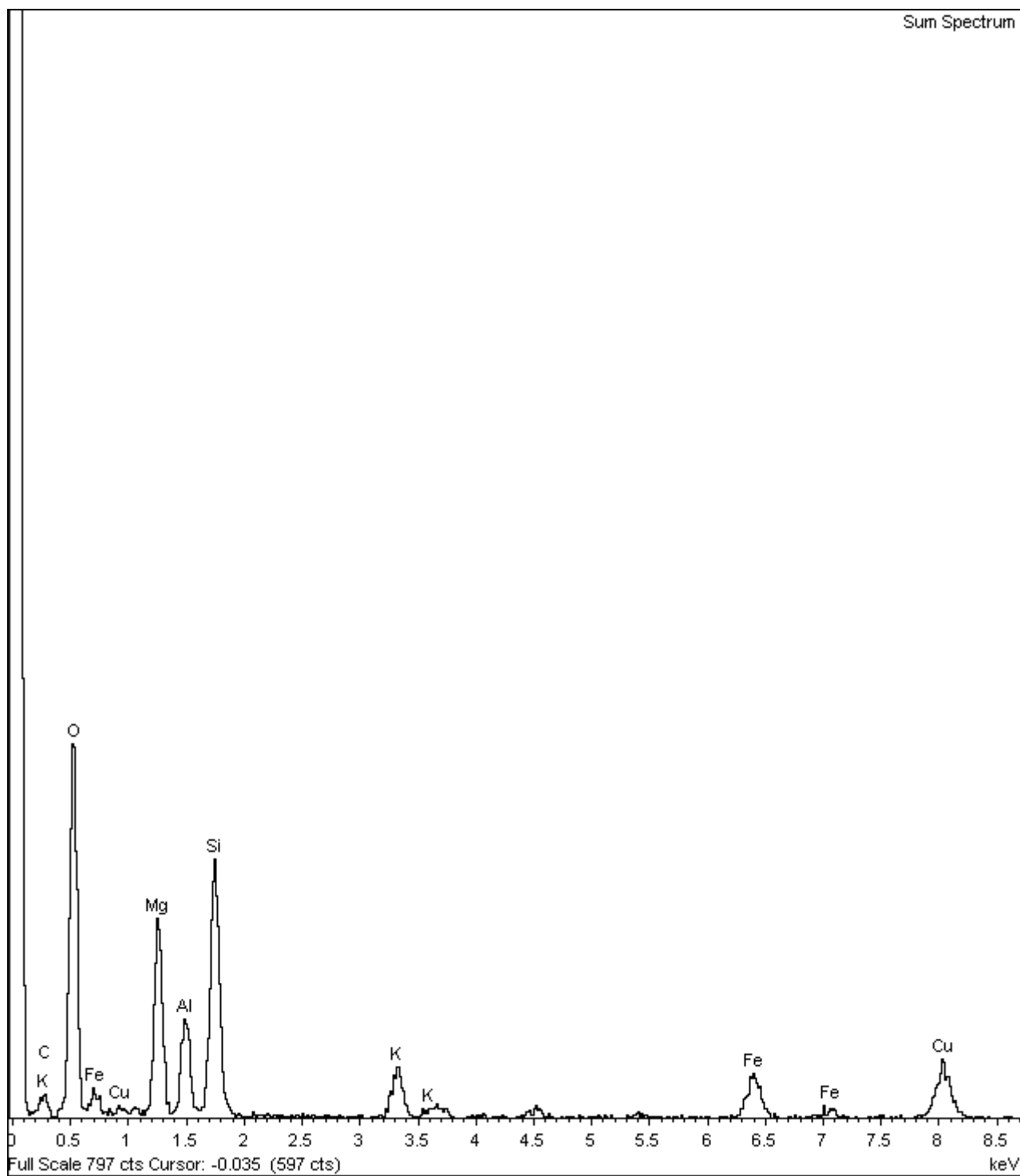
Mg K	1346	64	0.606	1.000	14.52	0.67	12.78
Al K	702	52	0.589	1.000	7.37	0.53	5.84
Si K	2023	79	0.569	1.000	20.51	0.77	15.62
K K	509	41	0.552	1.000	5.01	0.39	2.74
Ca K	73	22	0.542	1.000	0.71	0.21	0.38
Ti K	74	18	0.608	1.000	0.81	0.19	0.36
Fe K	522	40	0.678	1.000	6.30	0.47	2.41
Totals					100.00		

Project: Project 1

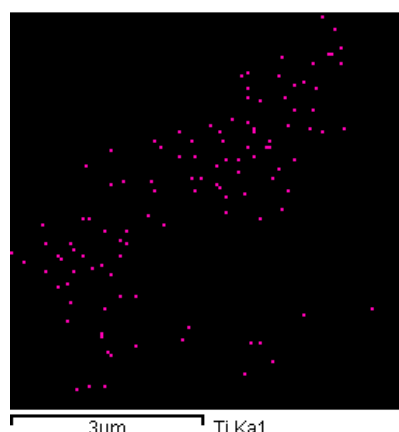
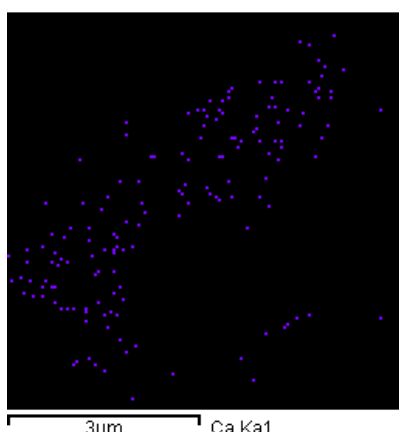
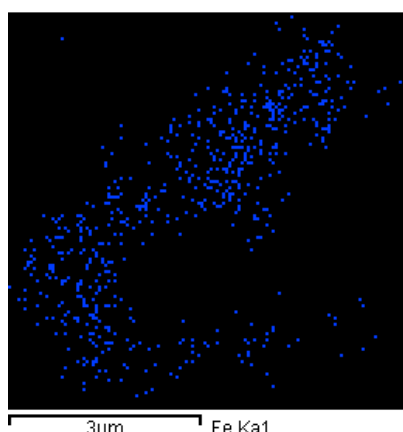
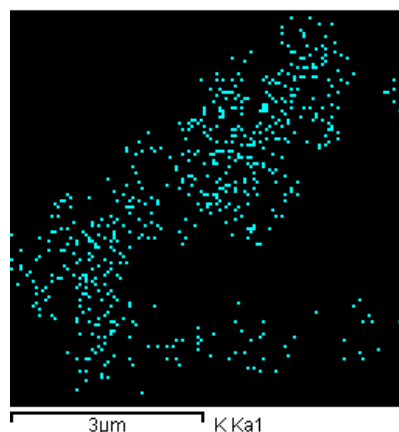
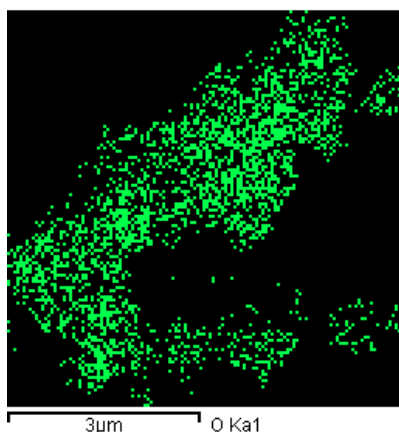
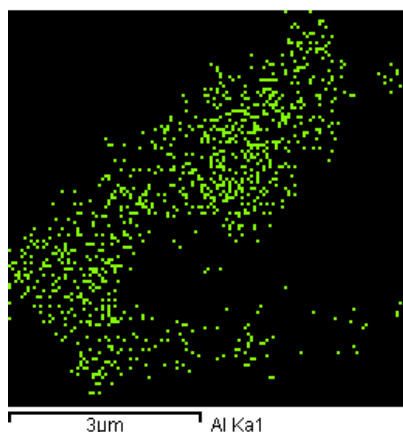
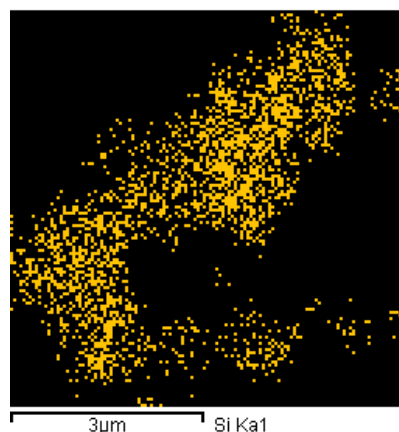
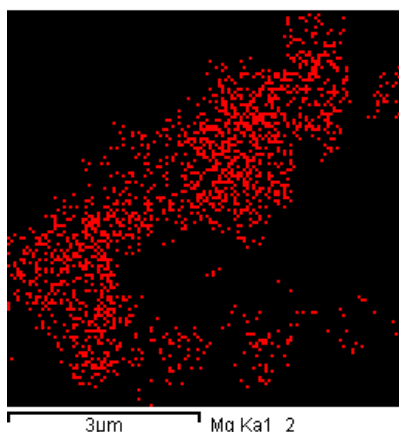
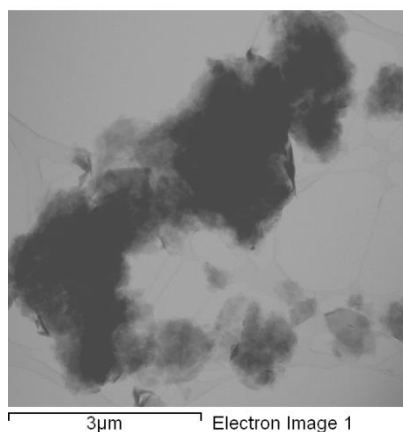
Owner: INCA

Sample: L4E-MW-No

Type: Default



Comment:



Comment:

Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 01:18 PM

Livetime (s) : 281.80

Real time (s) : 0.00

Detector : X-Max

Window : SATW

Tilt (deg) : 0.0

Elevation (deg) : 17.7

Azimuth (deg) : 0.0

Sample thickness: 0.0 nm

Sample density: 0.00 g/cm3

Spectrum processing :

Peak possibly omitted : 8.034 keV

Quantitation method : Cliff Lorimer thin ratio section.

Processing option : All elements analyzed (Normalised)

Number of iterations = 1

Standardless

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corrn.		Sigma	
O K	3903	115	1.065	1.000	44.68	0.88	59.85

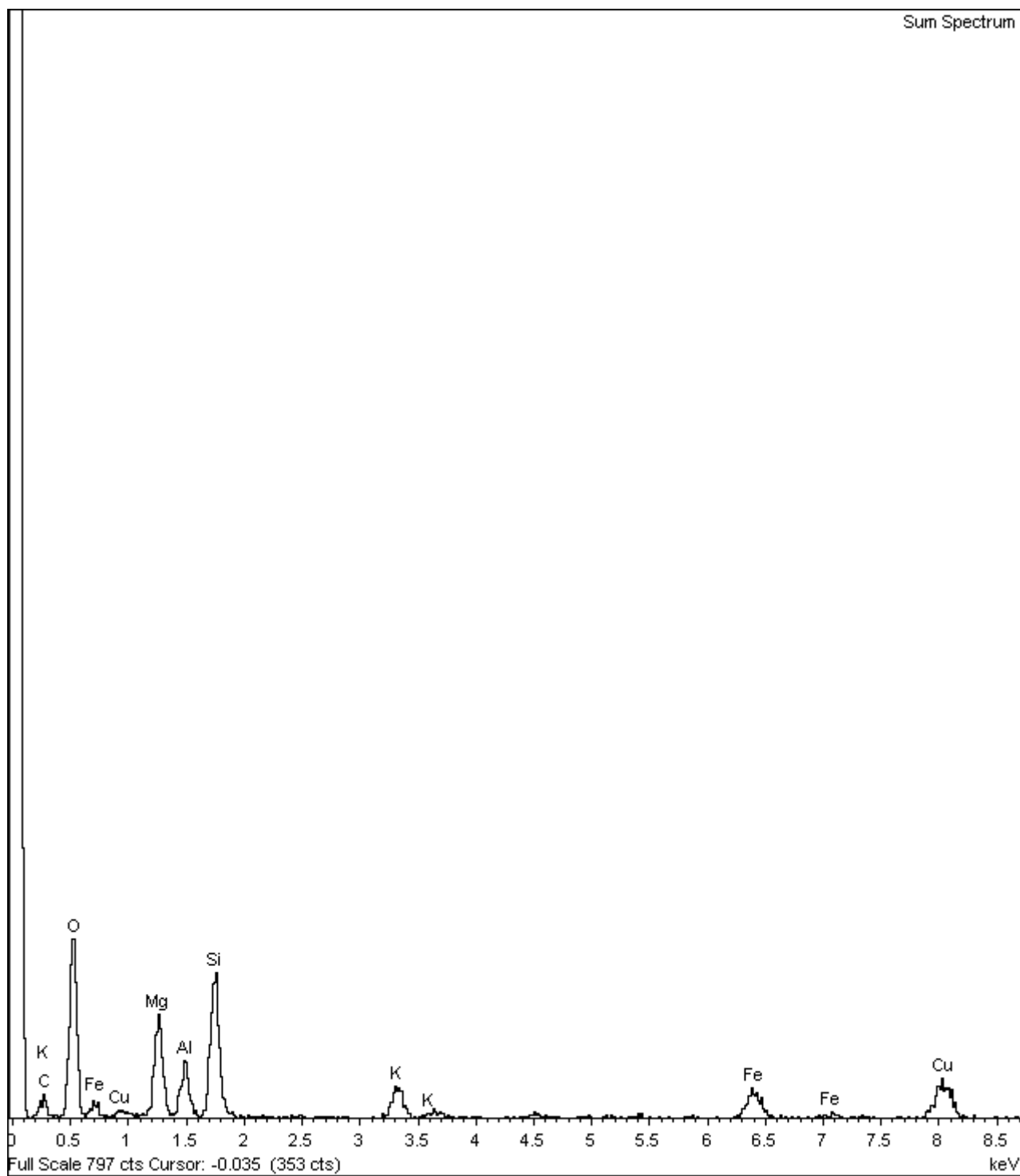
Mg K	2241	84	0.606	1.000	14.59	0.52	12.86
Al K	1211	68	0.589	1.000	7.68	0.42	6.10
Si K	3221	102	0.569	1.000	19.71	0.59	15.04
K K	860	53	0.552	1.000	5.10	0.31	2.80
Ca K	161	30	0.542	1.000	0.94	0.18	0.50
Ti K	131	25	0.608	1.000	0.85	0.16	0.38
Fe K	884	52	0.678	1.000	6.44	0.37	2.47
Totals					100.00		

Project: Project 1

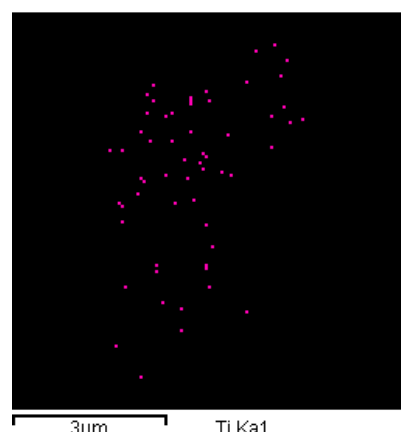
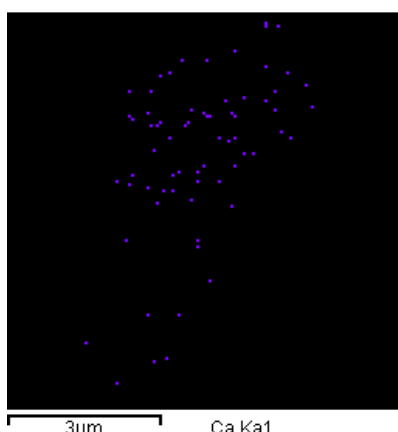
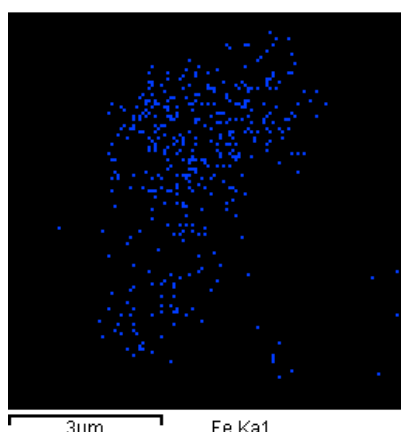
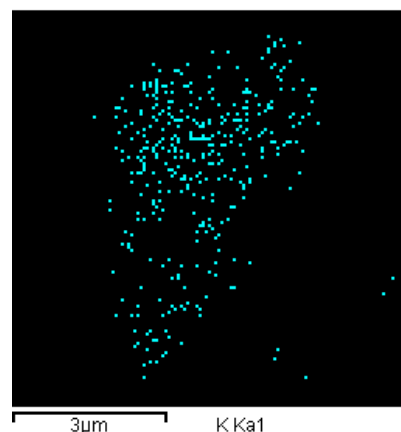
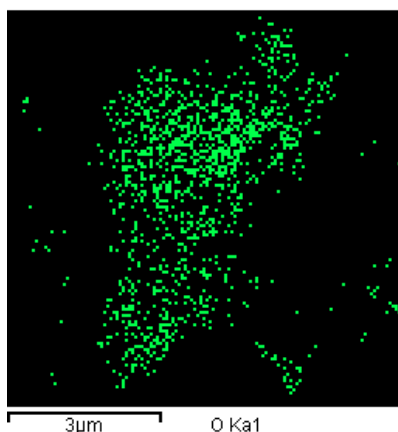
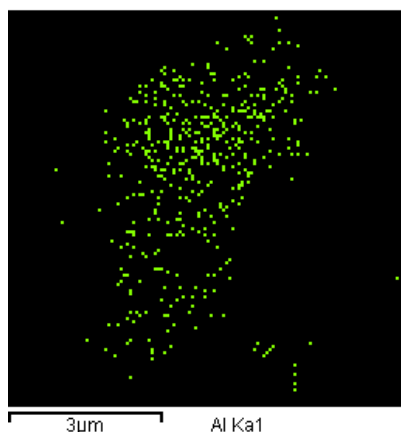
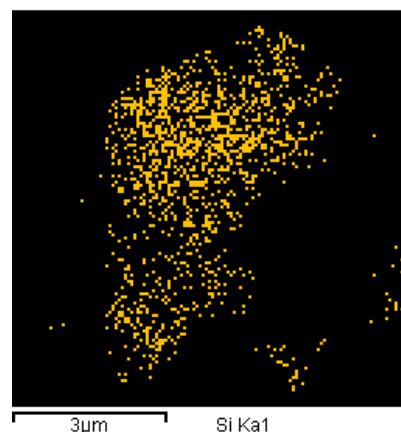
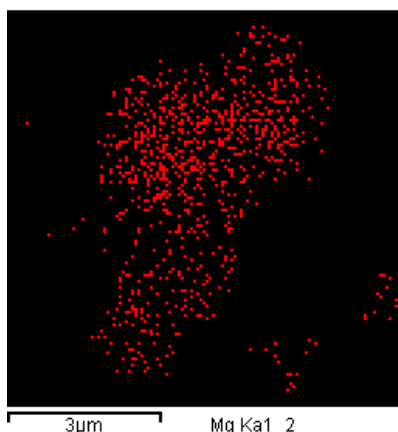
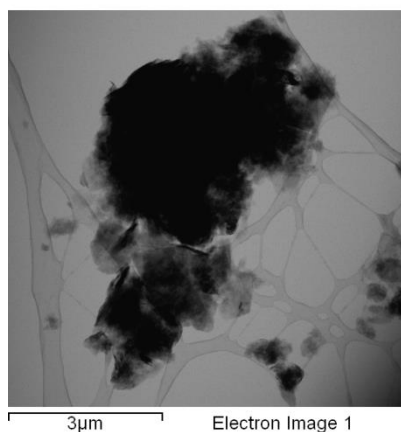
Owner: INCA

Sample: L4E-MW-No

Type: Default



Comment:



Comment:

Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 01:26 PM

Livetime (s) : 163.84

Real time (s) : 0.00

Detector : X-Max

Window : SATW

Tilt (deg) : 0.0

Elevation (deg) : 17.7

Azimuth (deg) : 0.0

Sample thickness: 0.0 nm

Sample density: 0.00 g/cm3

Spectrum processing :

Peak possibly omitted : 8.036 keV

Quantitation method : Cliff Lorimer thin ratio section.

Processing option : All elements analyzed (Normalised)

Number of iterations = 1

Standardless

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corrn.		Sigma	
O K	1923	84	1.065	1.000	42.27	1.25	57.74



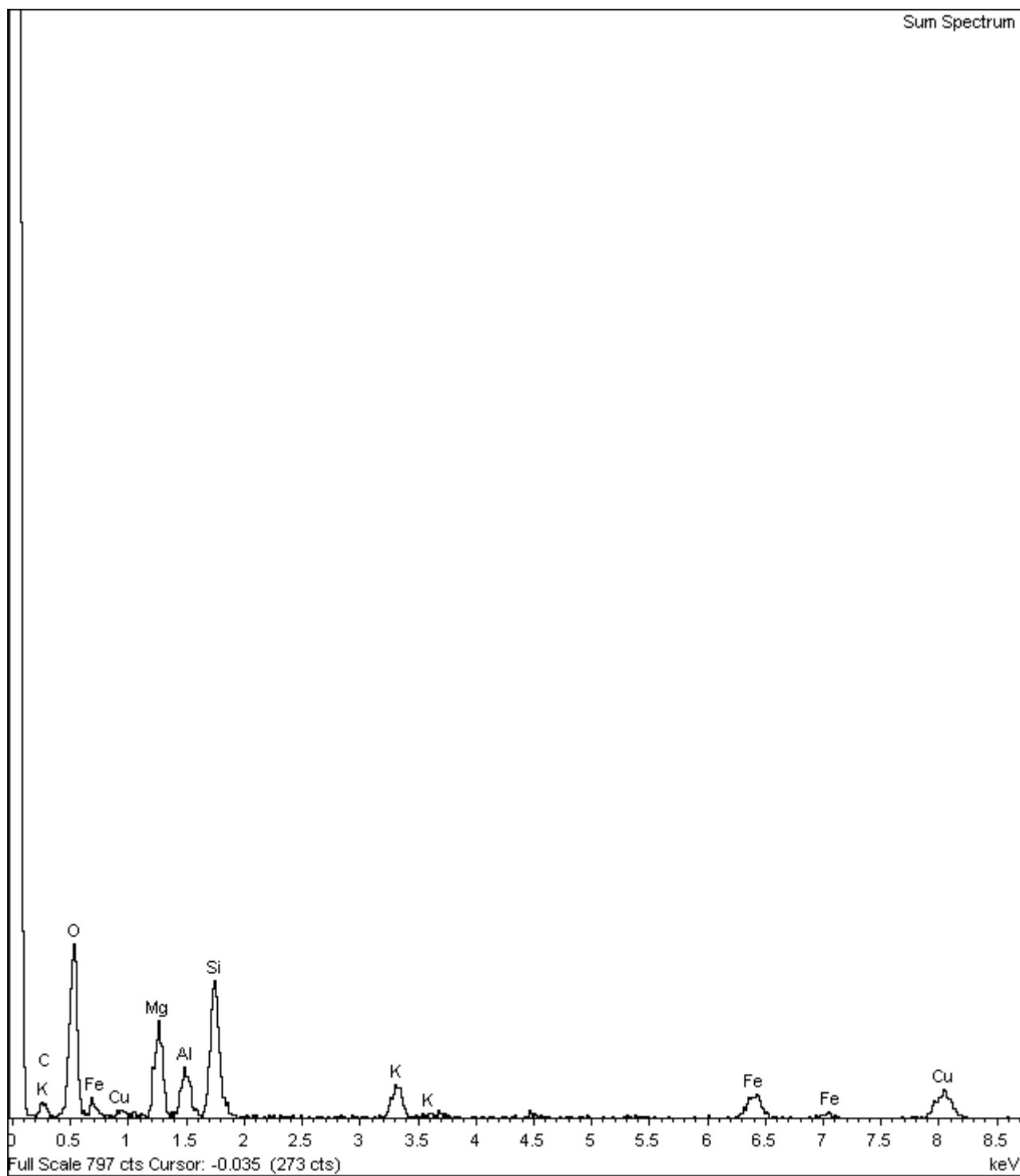
Mg K	1150	61	0.606	1.000	14.37	0.73	12.92
Al K	580	48	0.589	1.000	7.06	0.57	5.72
Si K	1818	75	0.569	1.000	21.36	0.84	16.62
K K	531	41	0.552	1.000	6.05	0.47	3.38
Ca K	52	21	0.542	1.000	0.59	0.24	0.32
Ti K	57	19	0.608	1.000	0.72	0.23	0.33
Fe K	543	42	0.678	1.000	7.60	0.57	2.97
Totals					100.00		

Project: Project 1

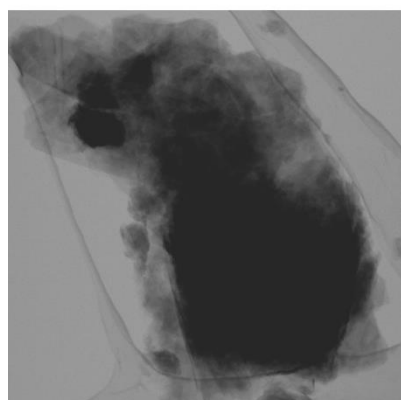
Owner: INCA

Sample: L4E-MW-No

Type: Default

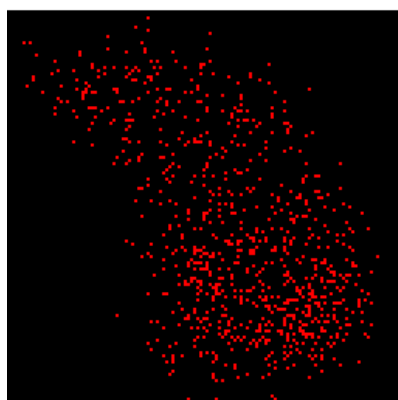


Comment:



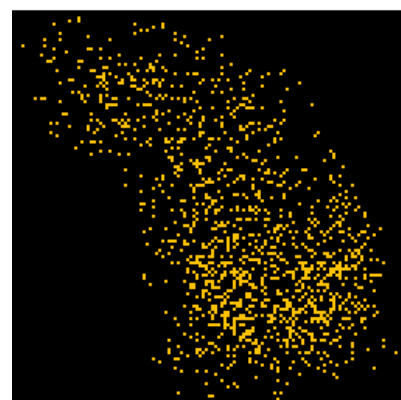
1µm

Electron Image 1



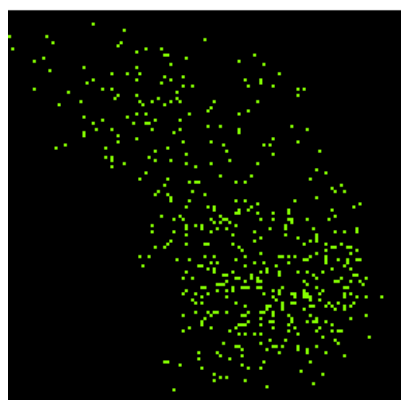
1µm

Mg Ka1\_2



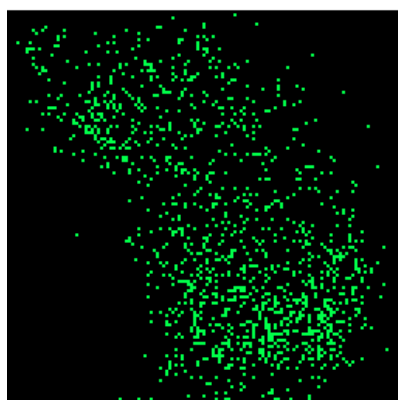
1µm

Si Ka1



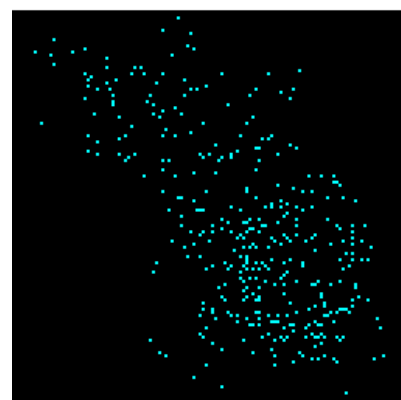
1µm

Al Ka1



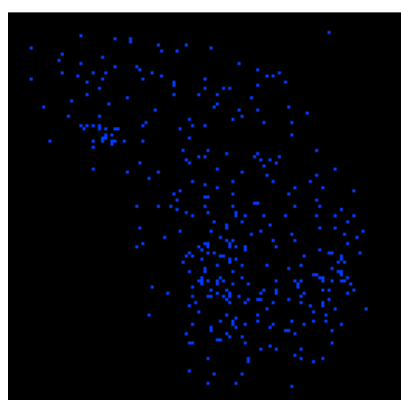
1µm

O Ka1



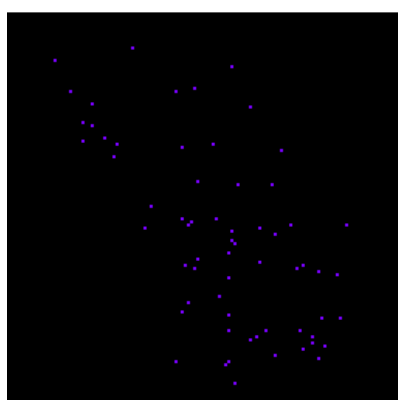
1µm

K Ka1



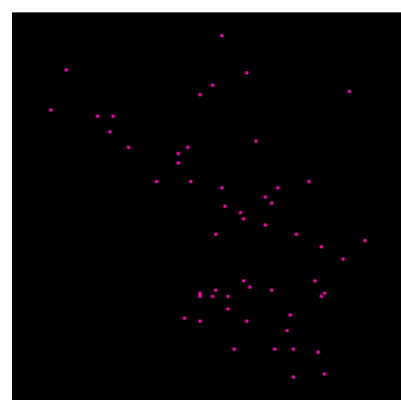
1µm

Fe Ka1



1µm

Ca Ka1



1µm

Ti Ka1

Comment:

Project: Project 1

Owner: INCA

Sample: L4E-MW-No

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 01:32 PM

Livetime (s) : 117.96

Real time (s) : 0.00

Detector : X-Max

Window : SATW

Tilt (deg) : 0.0

Elevation (deg) : 17.7

Azimuth (deg) : 0.0

Sample thickness: 0.0 nm

Sample density: 0.00 g/cm3

Spectrum processing :

Peak possibly omitted : 8.035 keV

Quantitation method : Cliff Lorimer thin ratio section.

Processing option : All elements analyzed (Normalised)

Number of iterations = 1

Standardless

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corn.		Sigma	
O K	1819	84	1.065	1.000	42.29	1.31	57.69

Mg K	1064	58	0.606	1.000	14.07	0.74	12.63
Al K	544	48	0.589	1.000	7.00	0.60	5.66
Si K	1758	74	0.569	1.000	21.85	0.89	16.98
K K	531	41	0.552	1.000	6.40	0.49	3.57
Ca K	81	21	0.542	1.000	0.96	0.25	0.52
Ti K	53	18	0.608	1.000	0.70	0.24	0.32
Fe K	456	39	0.678	1.000	6.74	0.56	2.64
Totals					100.00		