

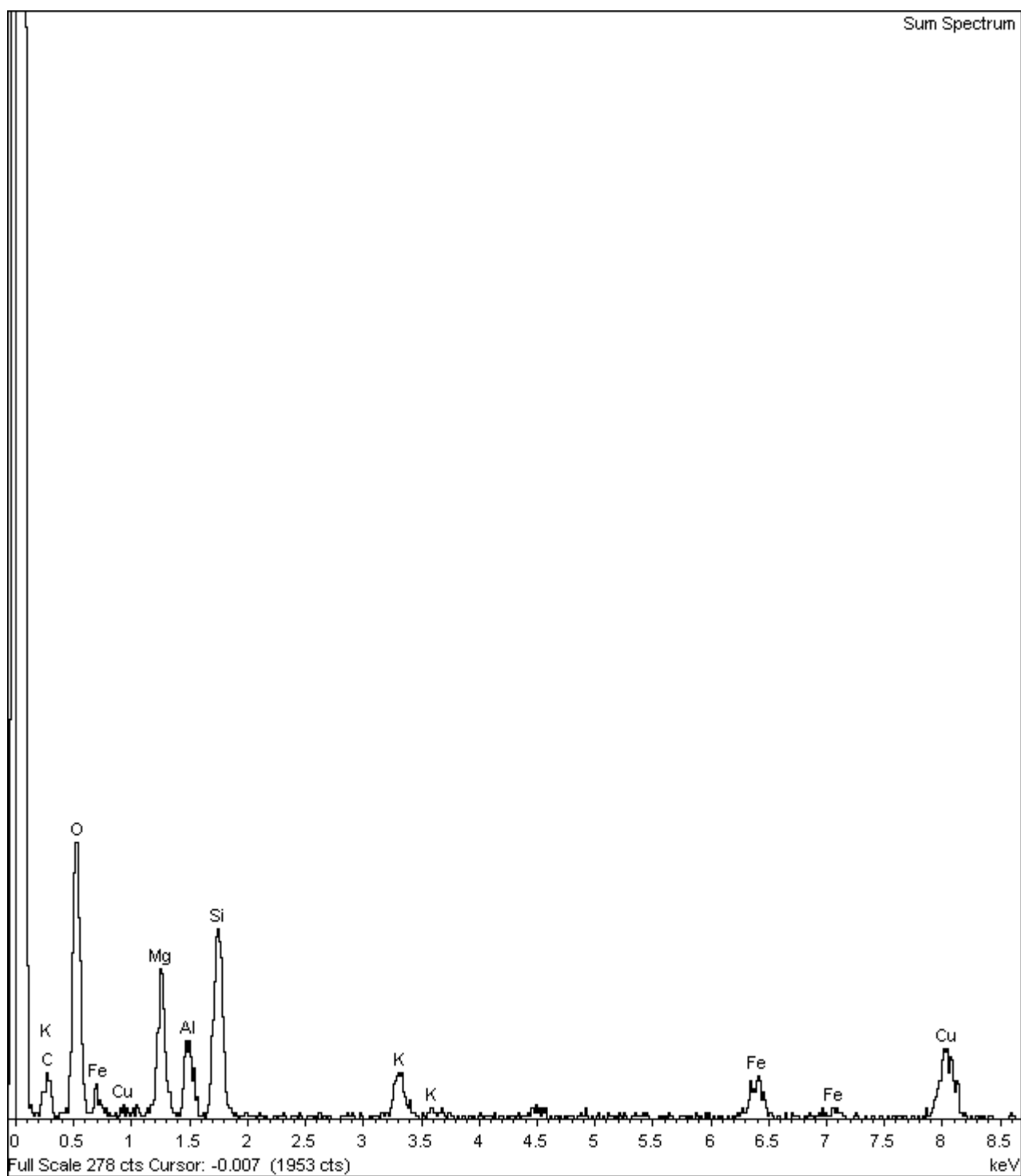
LME

Project: Project 1

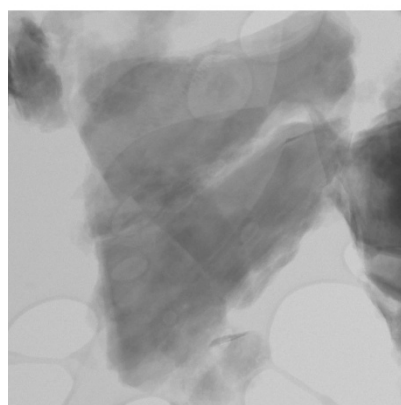
Owner: INCA

Sample: L4M-MW-Ex

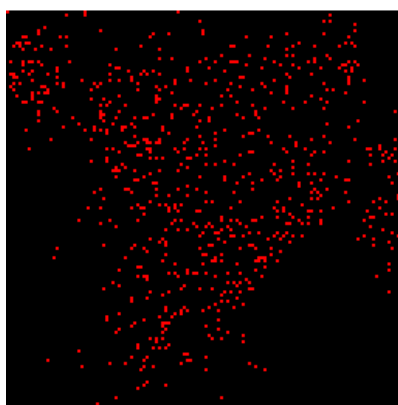
Type: Default



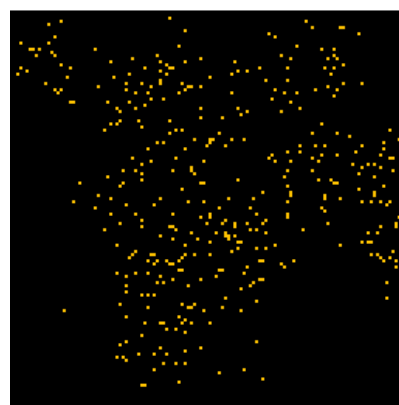
Comment:



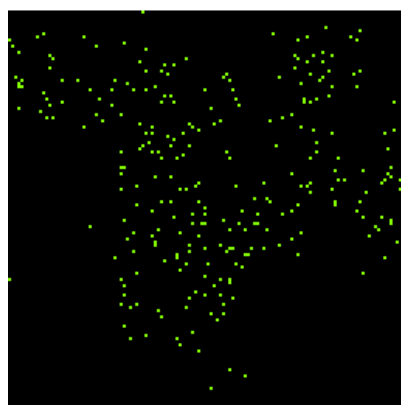
900nm Electron Image 1



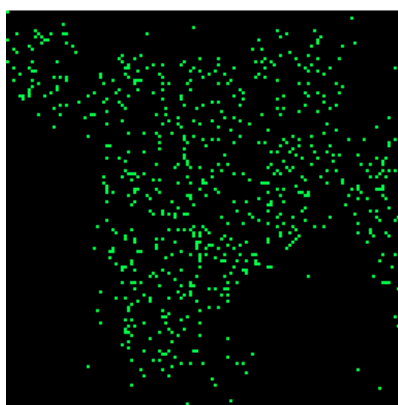
900nm O Ka1



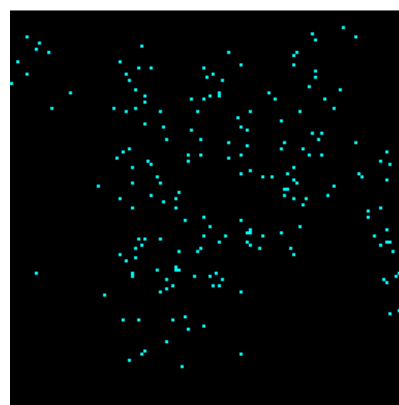
900nm Mg Ka1\_2



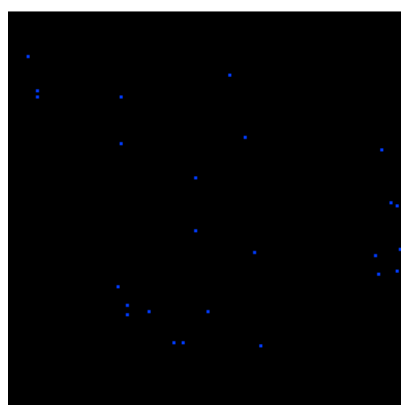
900nm Al Ka1



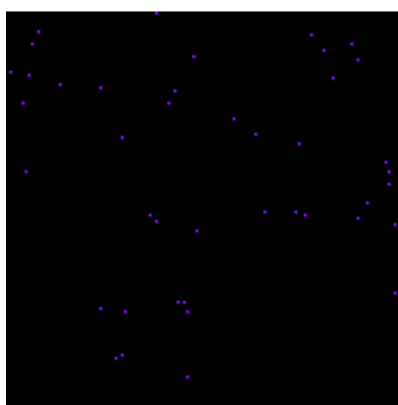
900nm Si Ka1



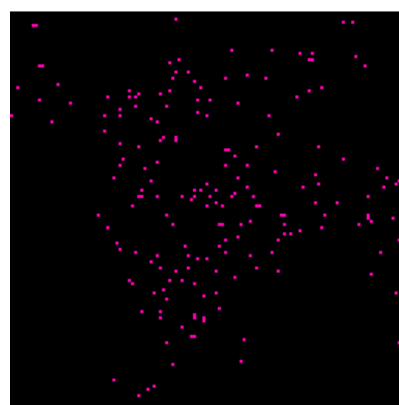
900nm K Ka1



900nm Ca Ka1



900nm Ti Ka1



900nm Fe Ka1

Comment:

Project: Project 1

Owner: INCA

Sample: L4M-MW-Ex

Type: Default

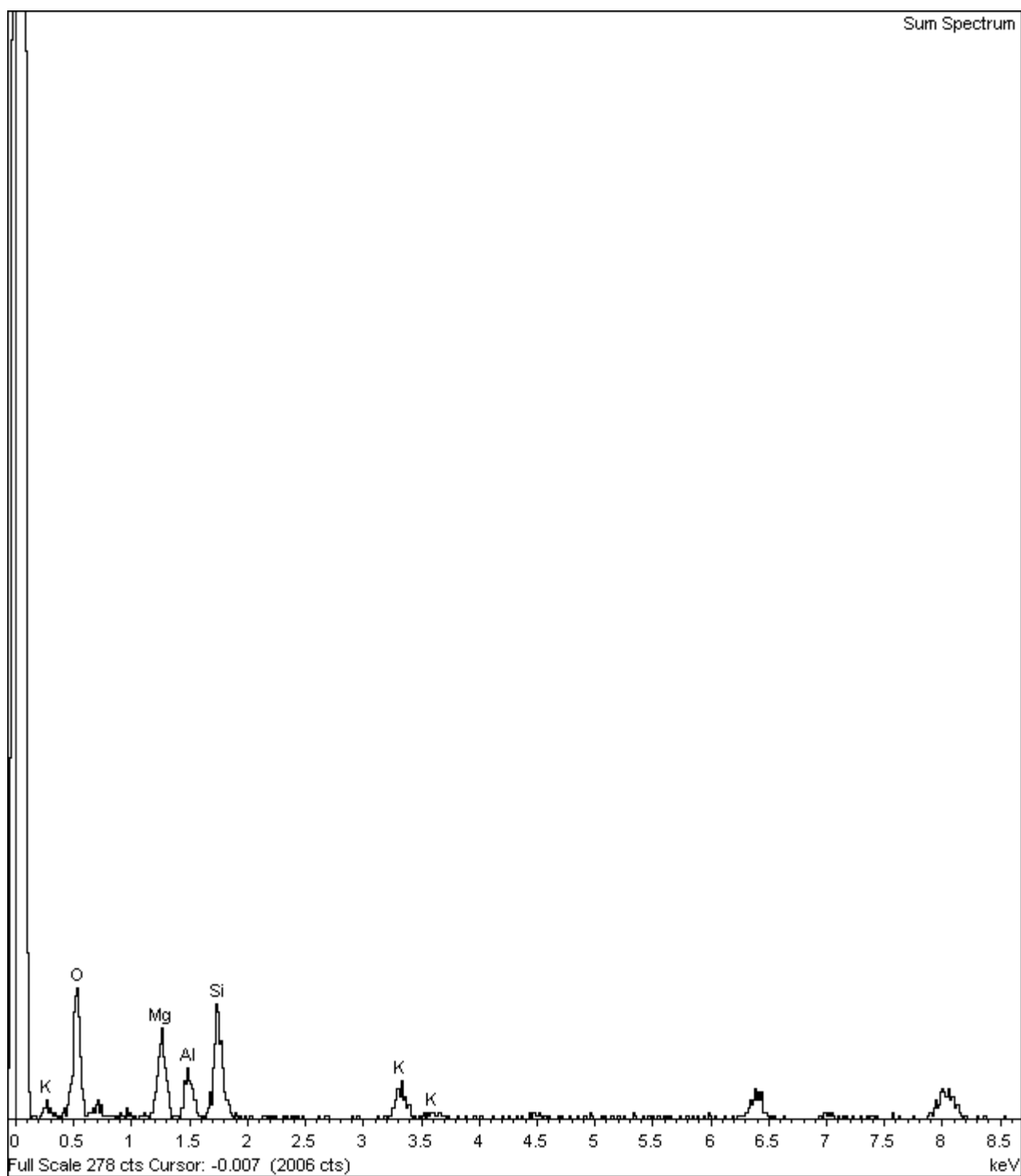
Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corrn.		Sigma	
O K	996	62	1.065	1.000	44.13	1.80	59.67
Mg K	505	40	0.606	1.000	12.73	0.98	11.33
Al K	322	35	0.589	1.000	7.90	0.82	6.33
Si K	876	52	0.569	1.000	20.74	1.18	15.98
K K	246	30	0.552	1.000	5.65	0.67	3.13
Ca K	21	15	0.542	1.000	0.48	0.33	0.26
Ti K	43	16	0.608	1.000	1.08	0.40	0.49
Fe K	258	28	0.678	1.000	7.28	0.78	2.82
Totals					100.00		

Project: Project 1

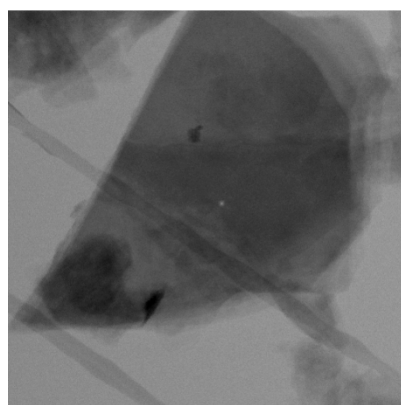
Owner: INCA

Sample: L4M-MW-Ex

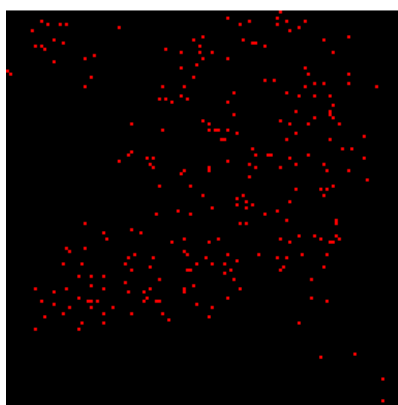
Type: Default



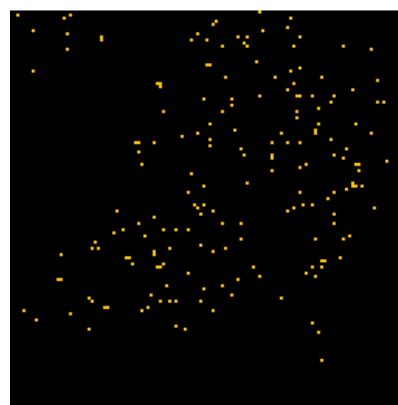
Comment:



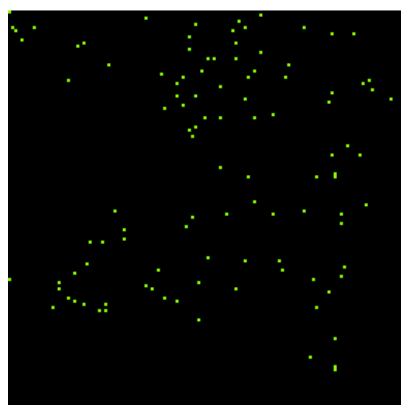
500nm Electron Image 1



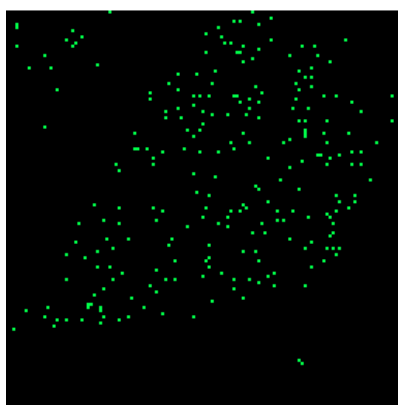
500nm O Ka1



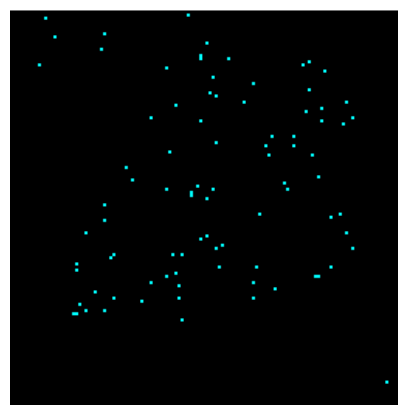
500nm Mg Ka1\_2



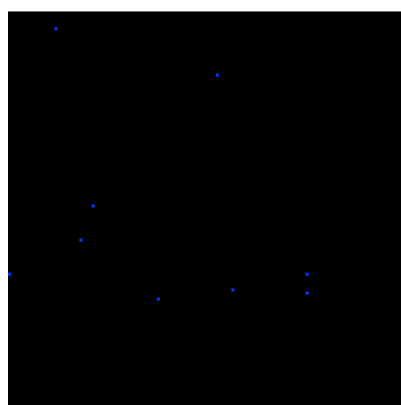
500nm Al Ka1



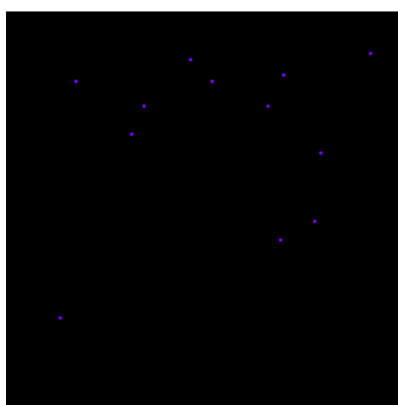
500nm Si Ka1



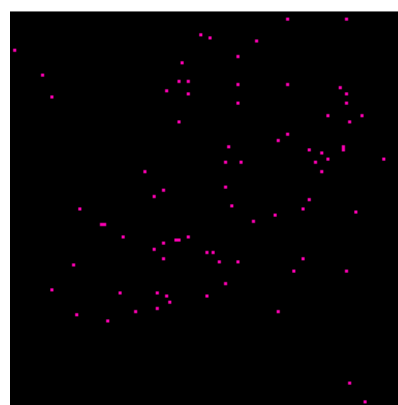
500nm K Ka1



500nm Ca Ka1



500nm Ti Ka1



500nm Fe Ka1

Comment:

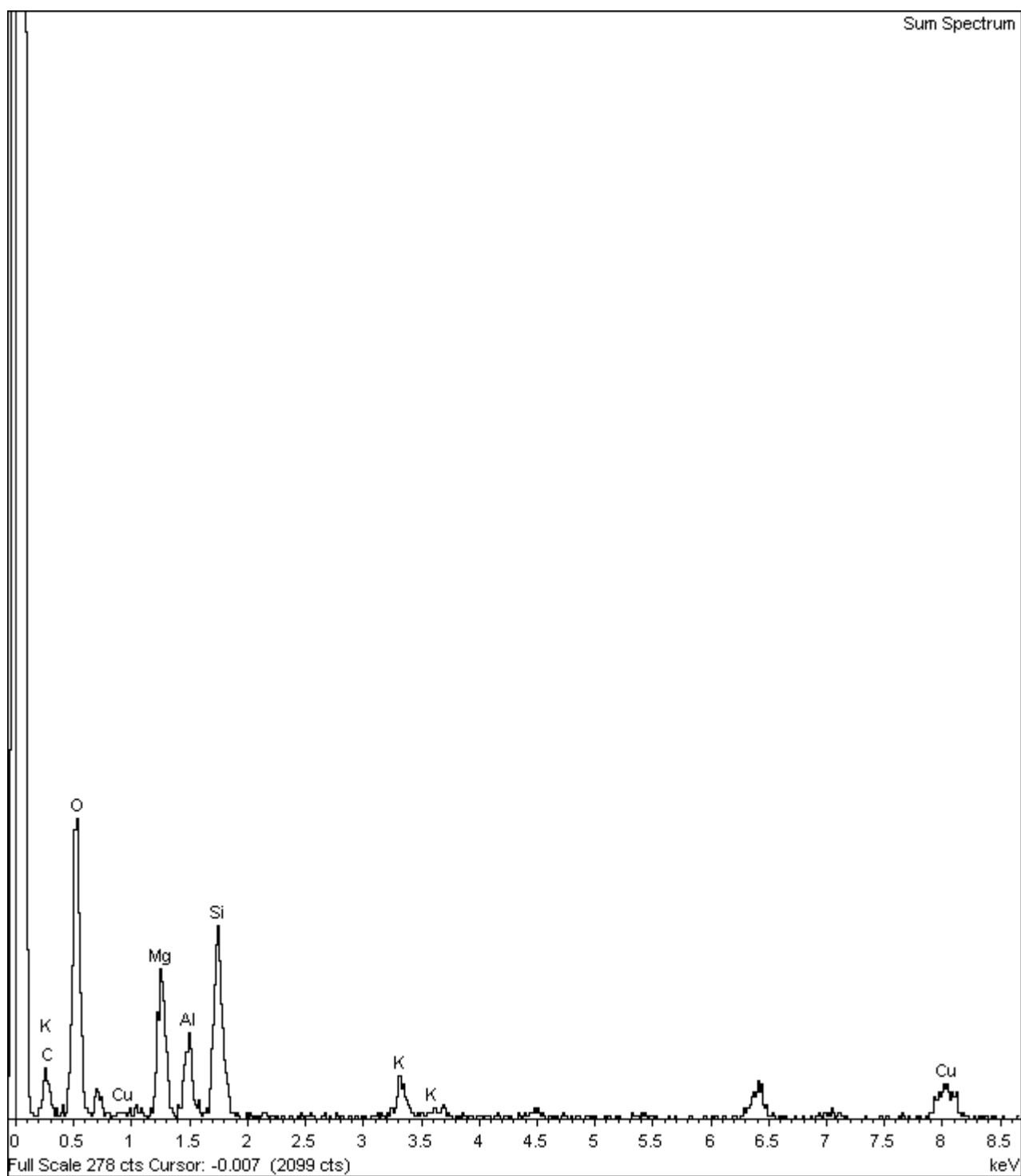
Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corrn.		Sigma	
O K	477	42	1.065	1.000	39.79	2.45	55.63
Mg K	307	31	0.606	1.000	14.57	1.42	13.41
Al K	185	25	0.589	1.000	8.56	1.13	7.09
Si K	430	37	0.569	1.000	19.21	1.58	15.30
K K	173	23	0.552	1.000	7.50	0.98	4.29
Ca K	8	12	0.542	1.000	0.33	0.53	0.19
Ti K	22	13	0.608	1.000	1.07	0.62	0.50
Fe K	169	22	0.678	1.000	8.97	1.13	3.59
Totals					100.00		

Project: Project 1

Owner: INCA

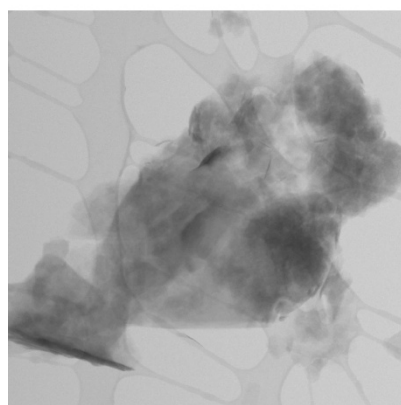
Sample: L4M-MW-Ex

Type: Default

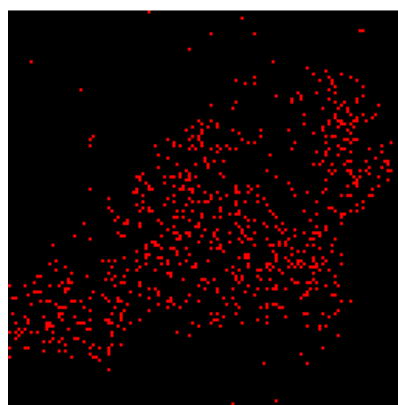


Comment:

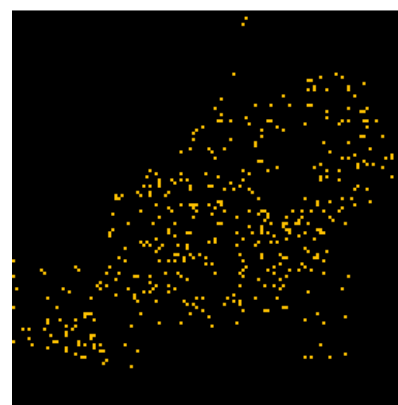




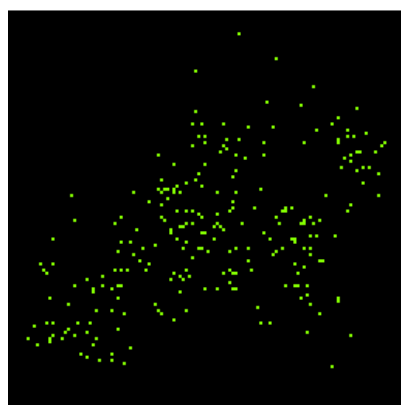
Electron Image 1



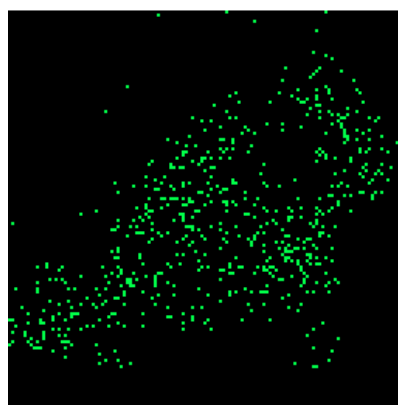
O Ka1



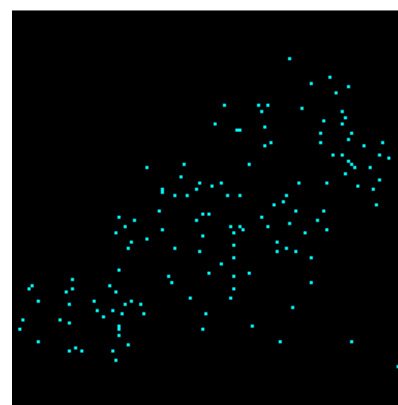
Mg Ka1\_2



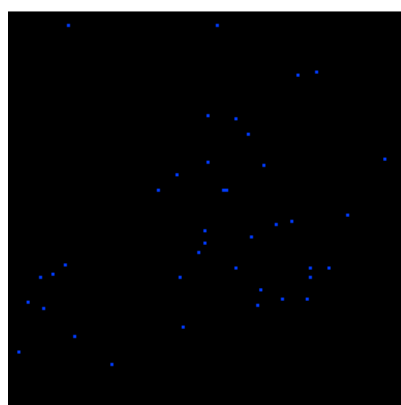
Al Ka1



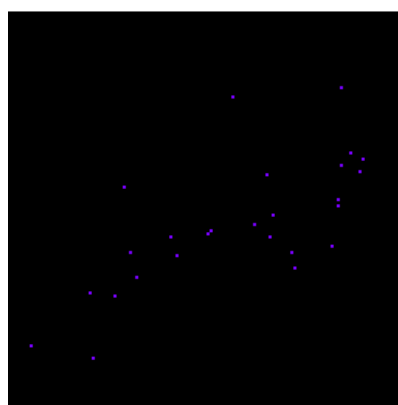
Si Ka1



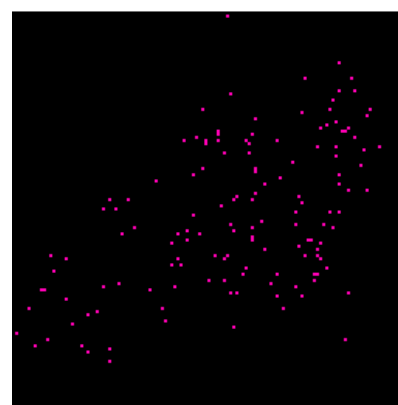
K Ka1



Ca Ka1



Ti Ka1



Fe Ka1

Comment:

Project: Project 1

Owner: INCA

Sample: L4M-MW-Ex

Type: Default

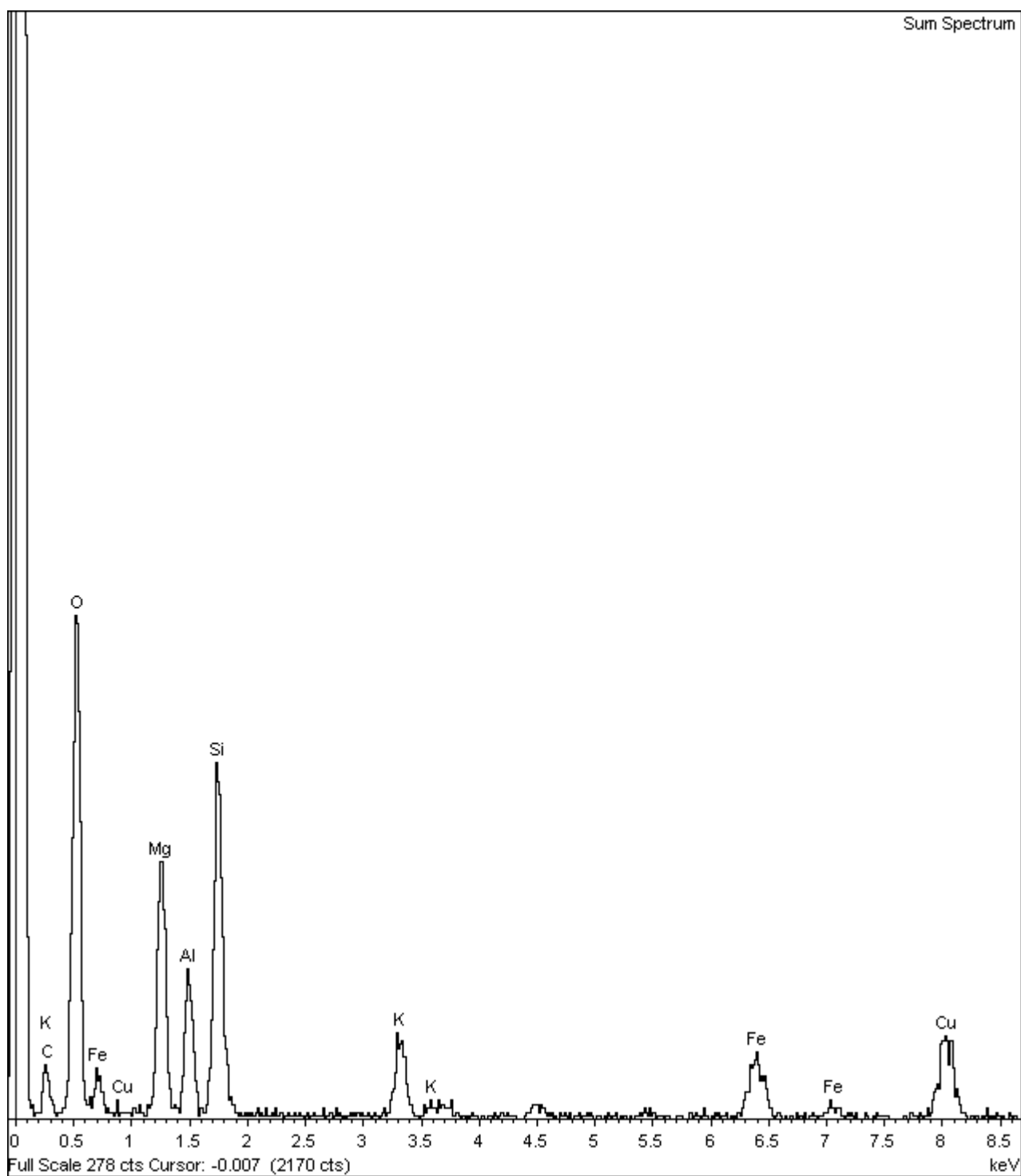
Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Corn.		Sigma	
O K	1069	63	1.065	1.000	47.63	1.78	62.63
Mg K	545	41	0.606	1.000	13.80	1.01	11.95
Al K	290	33	0.589	1.000	7.15	0.79	5.58
Si K	785	51	0.569	1.000	18.70	1.16	14.01
K K	226	27	0.552	1.000	5.22	0.61	2.81
Ca K	47	16	0.542	1.000	1.07	0.37	0.56
Ti K	28	14	0.608	1.000	0.72	0.34	0.32
Fe K	201	25	0.678	1.000	5.71	0.70	2.15
Totals					100.00		

Project: Project 1

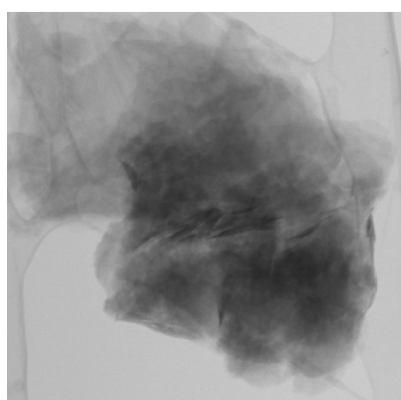
Owner: INCA

Sample: L4M-MW-Ex

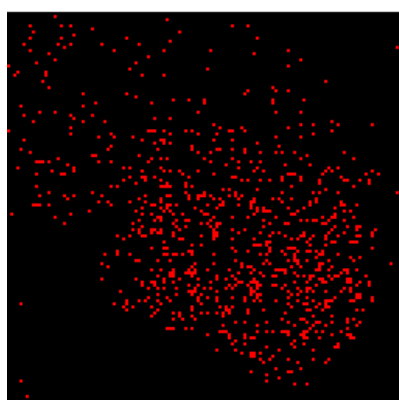
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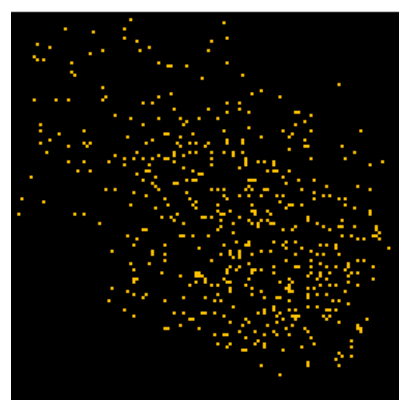
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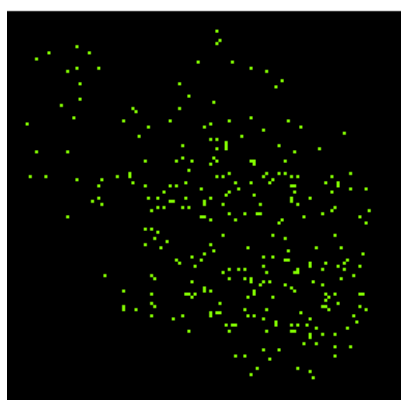
1µm Electron Image 1



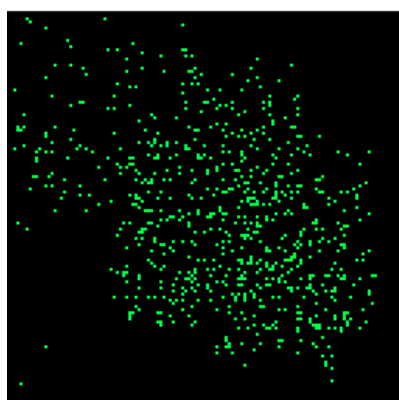
1µm O Ka1



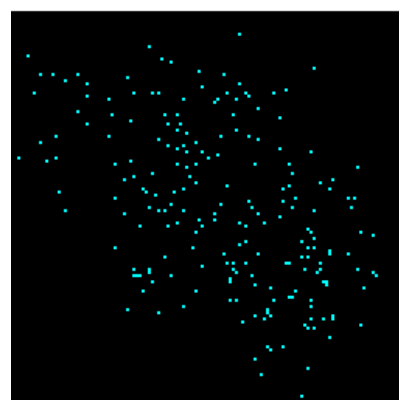
1µm Mg Ka1\_2



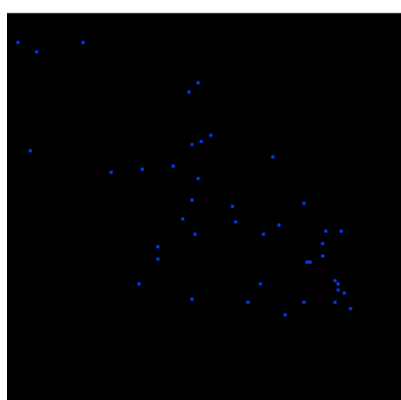
1µm Al Ka1



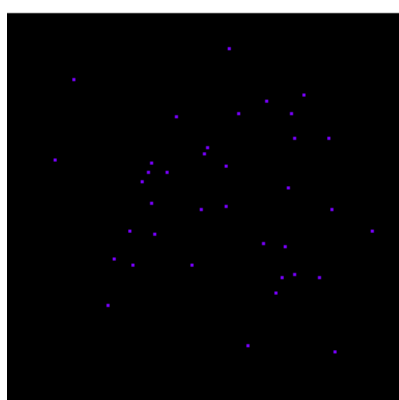
1µm Si Ka1



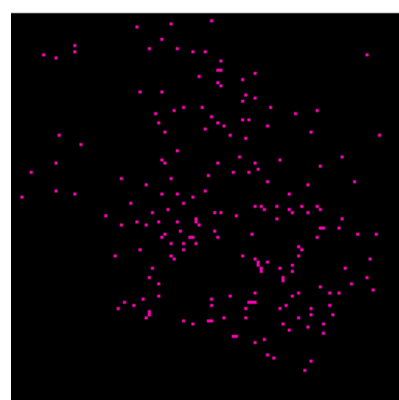
1µm K Ka1



1µm Ca Ka1



1µm Ti Ka1



1µm Fe Ka1

Comment:

Project: Project 1

Owner: INCA

Sample: L4M-MW-Ex

Type: Default

Element	Peak	Area	k	Abs	Weight%	Weight%	Atomic%
	Area	Sigma	factor	Cornn.		Sigma	
O K	1875	84	1.065	1.000	45.64	1.33	60.80
Mg K	1036	57	0.606	1.000	14.34	0.76	12.57
Al K	517	45	0.589	1.000	6.96	0.59	5.50
Si K	1514	68	0.569	1.000	19.70	0.86	14.95
K K	451	38	0.552	1.000	5.69	0.47	3.10
Ca K	47	21	0.542	1.000	0.58	0.26	0.31
Ti K	66	18	0.608	1.000	0.92	0.25	0.41
Fe K	398	37	0.678	1.000	6.17	0.55	2.35
Totals					100.00		

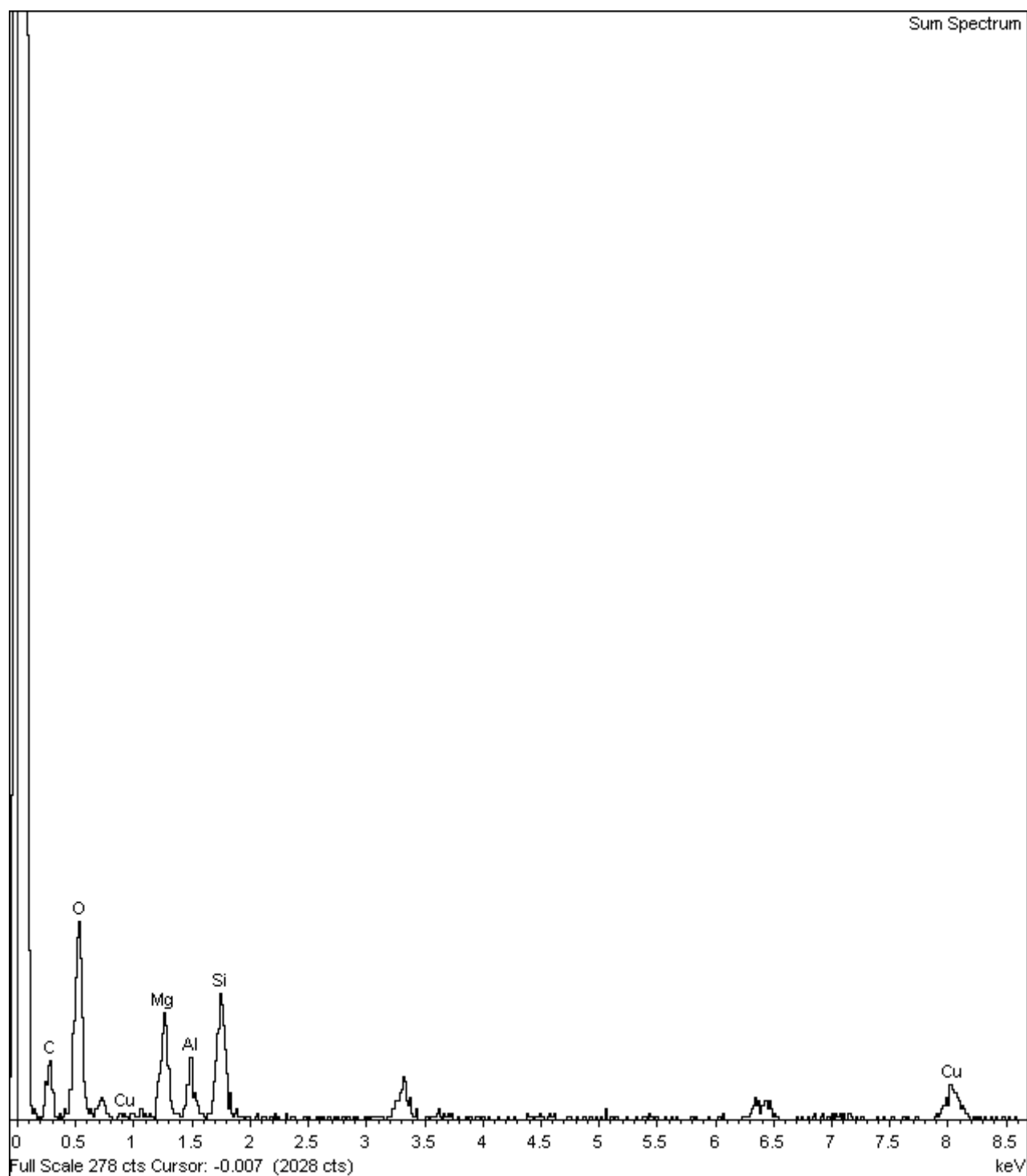


Project: Project 1

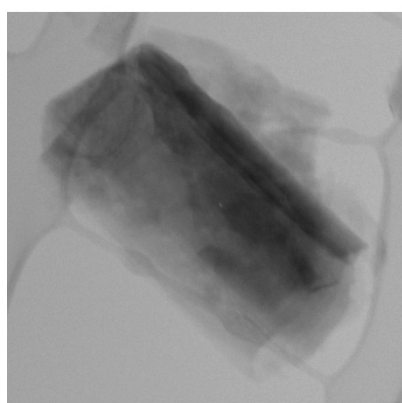
Owner: INCA

Sample: L4M-MW-Ex

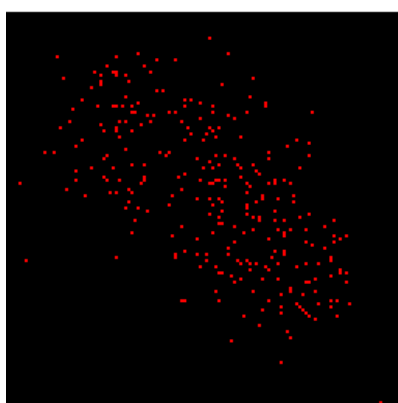
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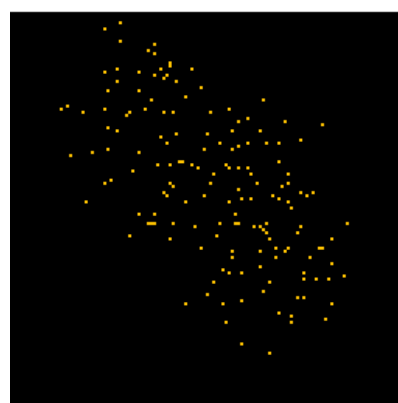
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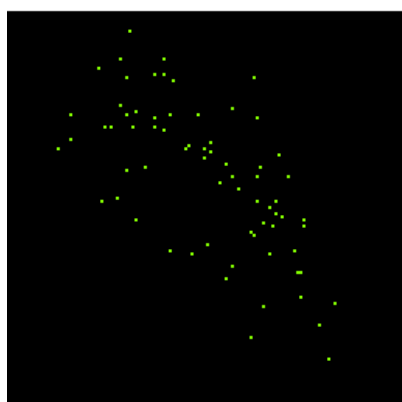
500nm Electron Image 1



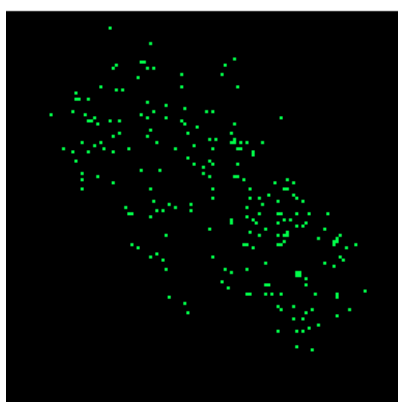
500nm O Ka1



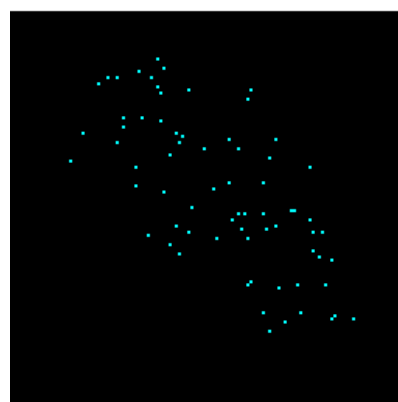
500nm Mg Ka1\_2



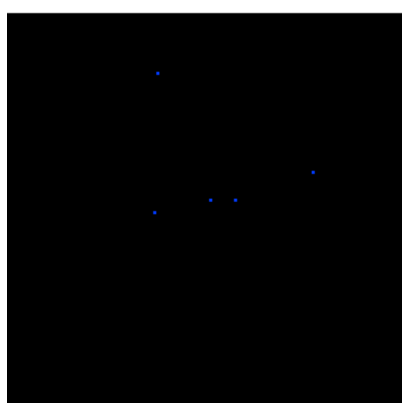
500nm Al Ka1



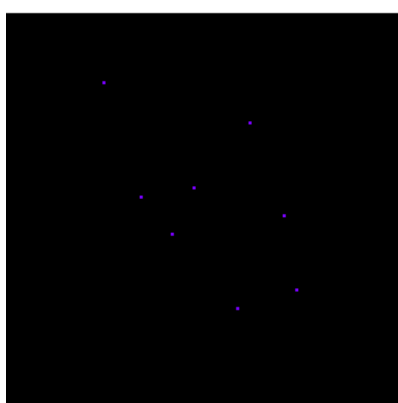
500nm Si Ka1



500nm K Ka1



500nm Ca Ka1



500nm Ti Ka1



500nm Fe Ka1

Comment:



Project: Project 1

Owner: INCA

Sample: L4M-MW-Ex

Type: Default

Label : Sum Spectrum

Collected : 13-May-2014 03:59 PM

Livetime (s) : 131.07

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 : 8.037 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	724	53	1.065	1.000	48.97	2.24	63.52

Mg K	376	34	0.606	1.000	14.45	1.28	12.34
Al K	176	26	0.589	1.000	6.59	0.96	5.07
Si K	519	41	0.569	1.000	18.75	1.43	13.86
K K	165	23	0.552	1.000	5.78	0.80	3.07
Ca K	25	12	0.542	1.000	0.85	0.41	0.44
Ti K	3	13	0.608	1.000	0.10	0.49	0.04
Fe K	104	21	0.678	1.000	4.50	0.90	1.67
Totals					100.00		