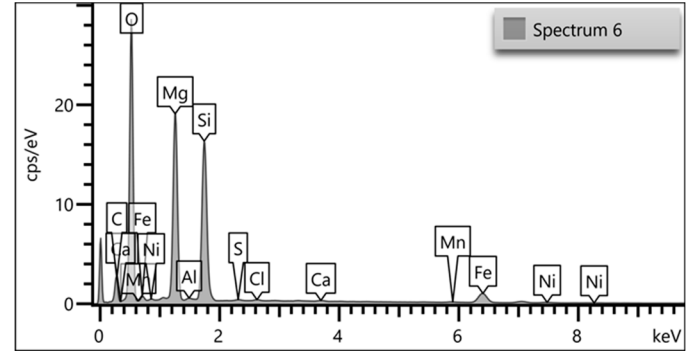
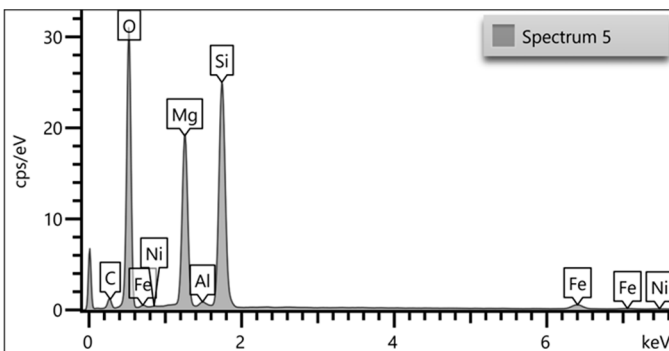
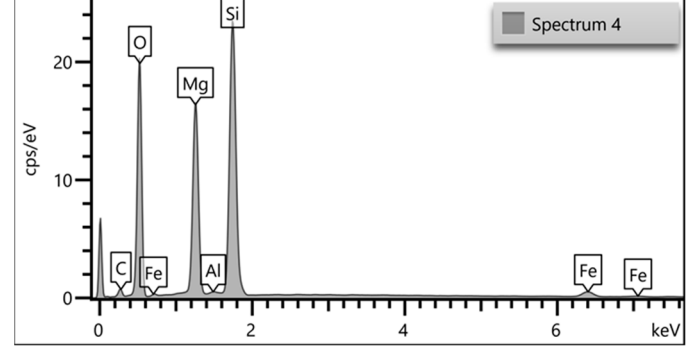
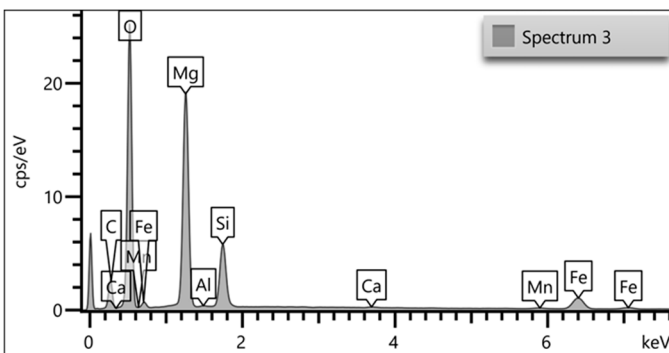
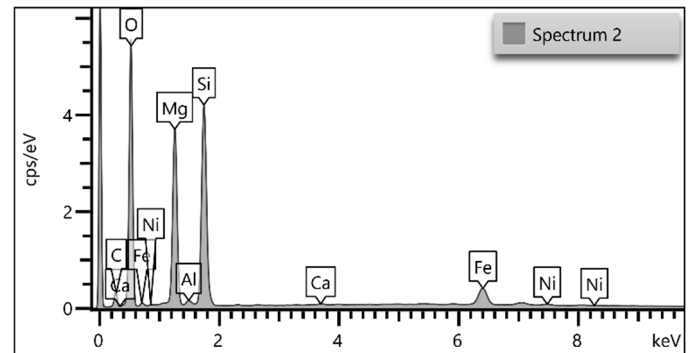
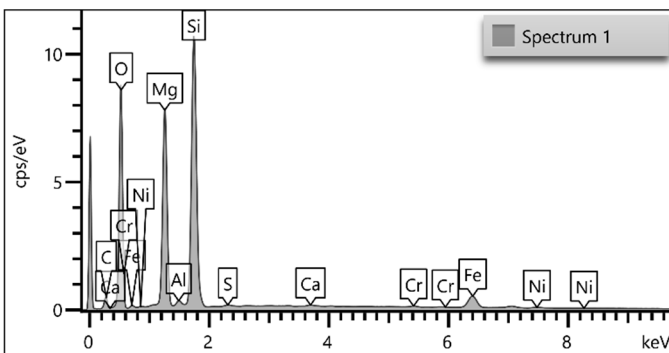
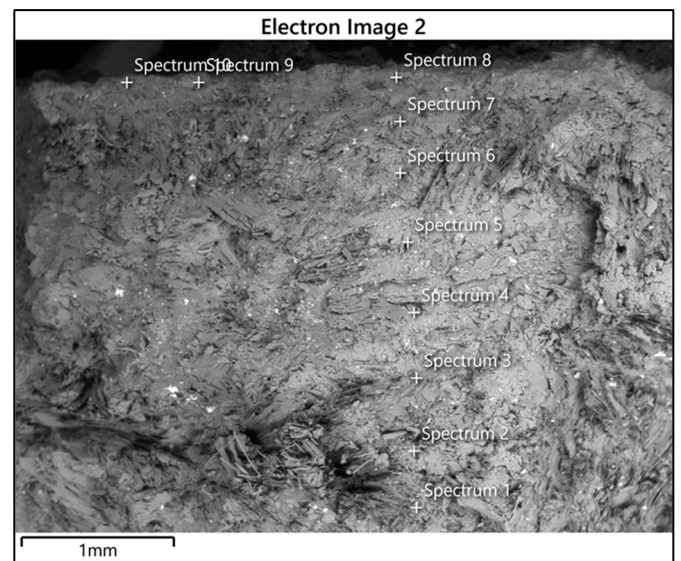
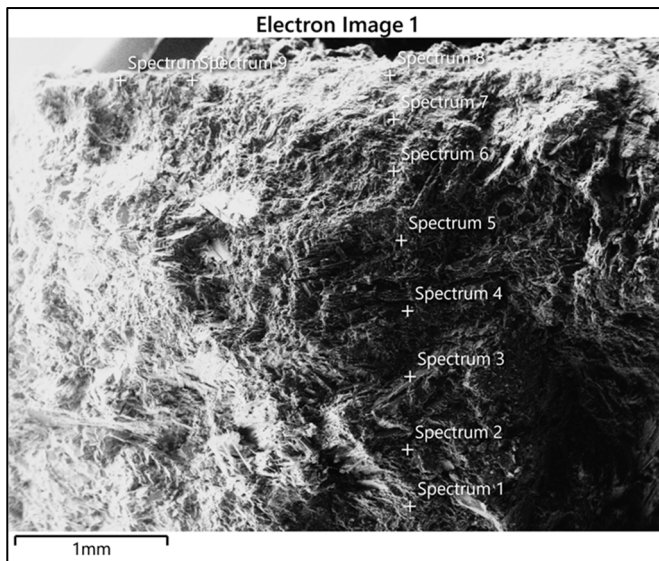
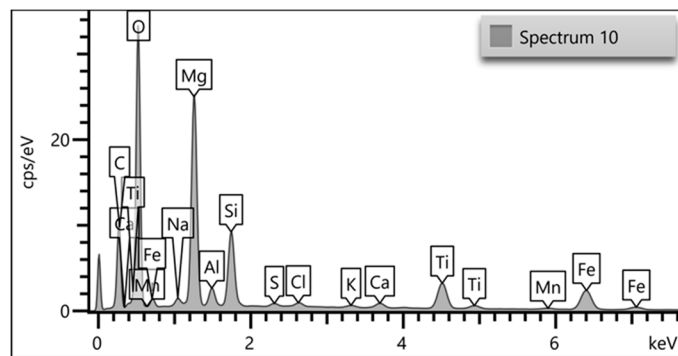
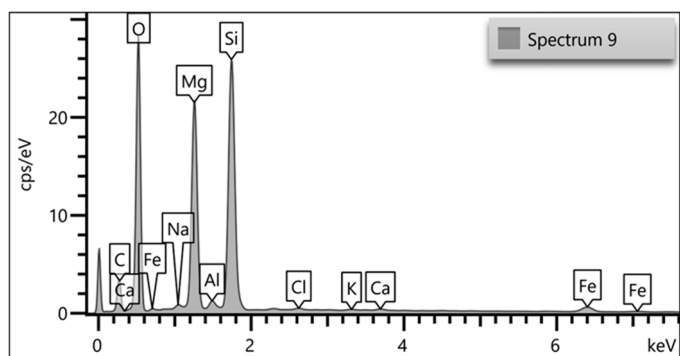
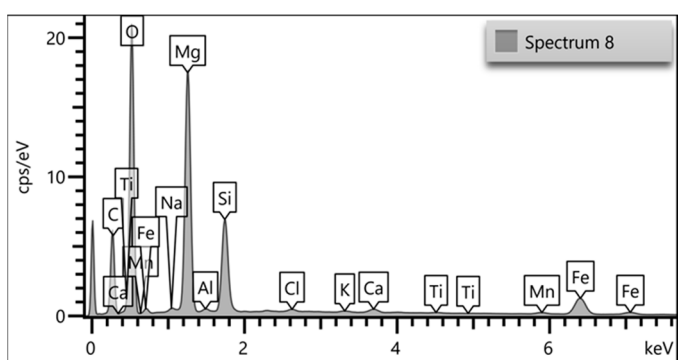
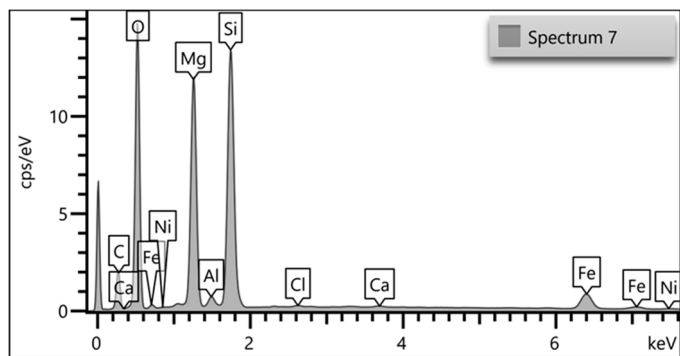
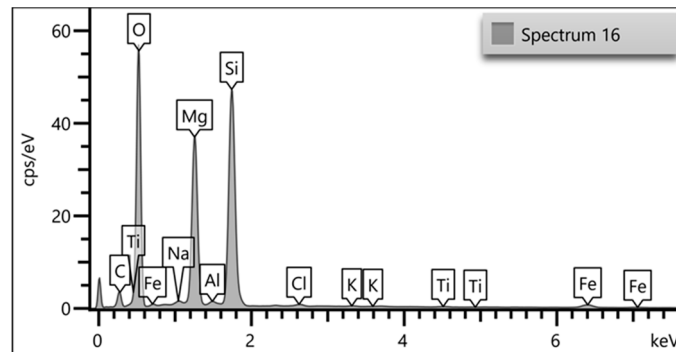
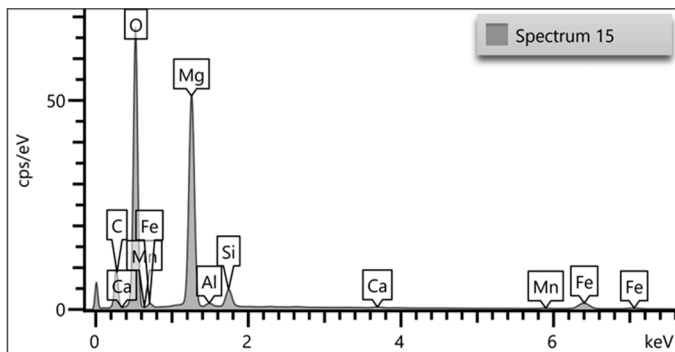
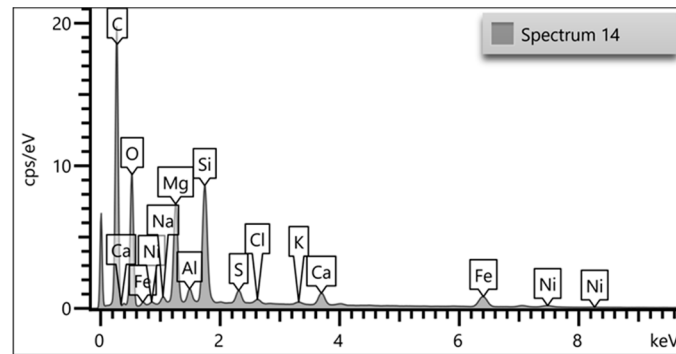
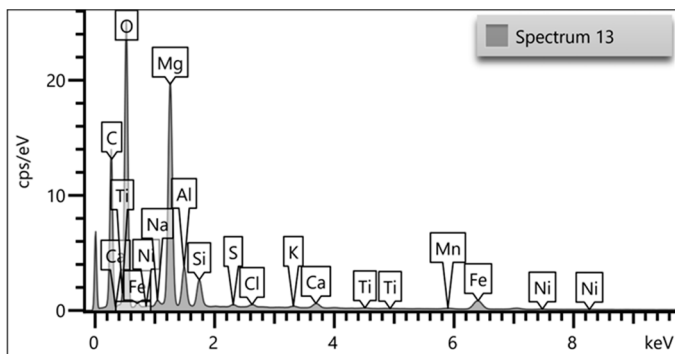
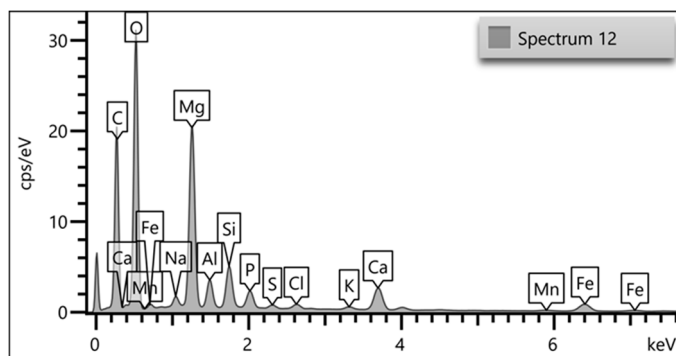
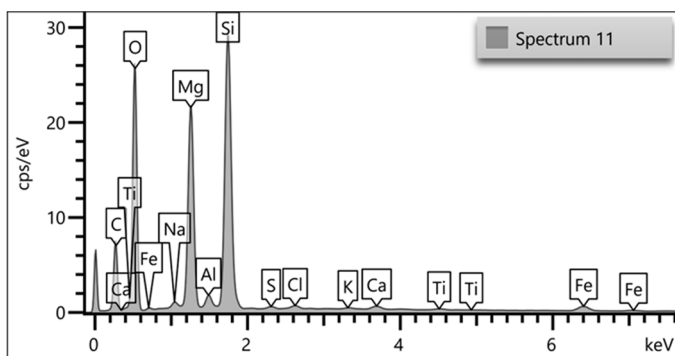
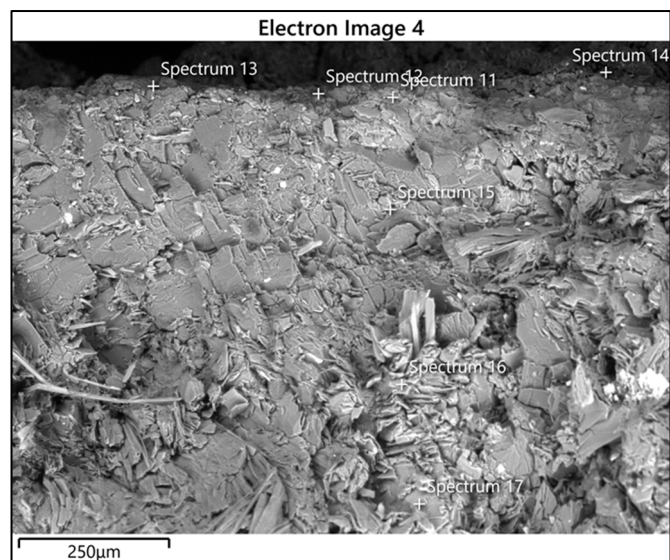
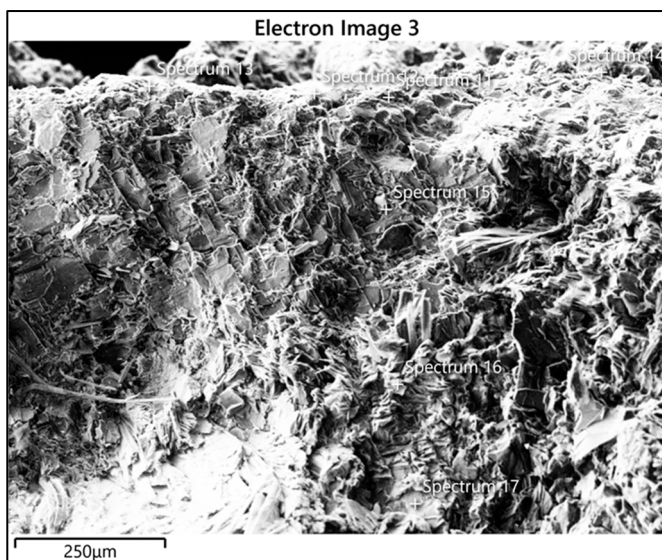


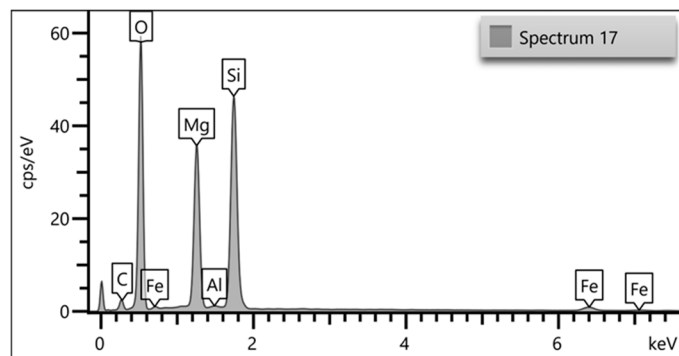
SAMPLE 2



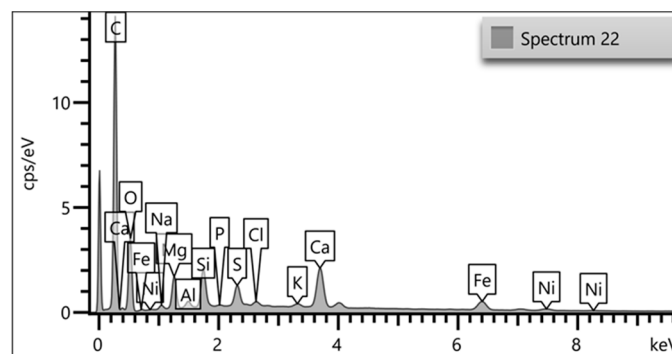
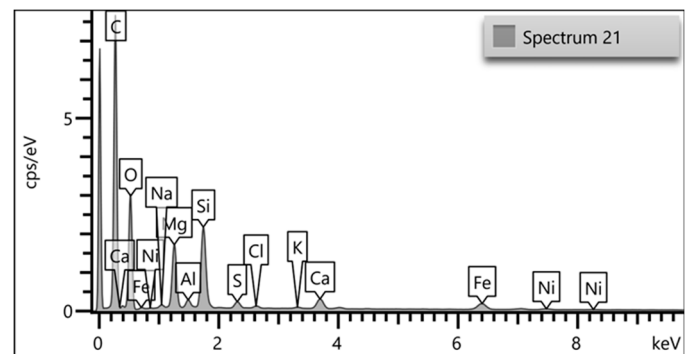
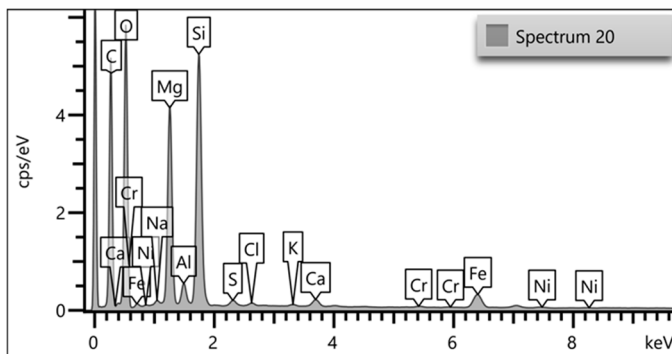
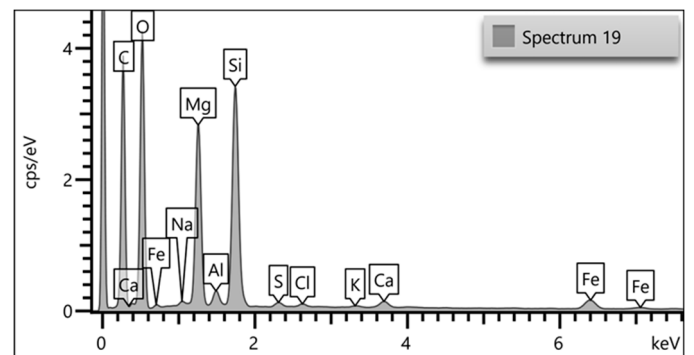
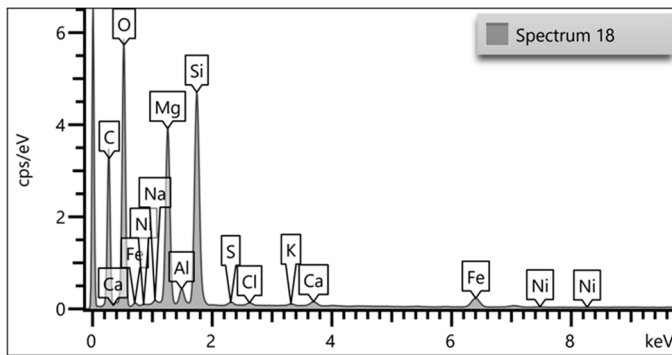
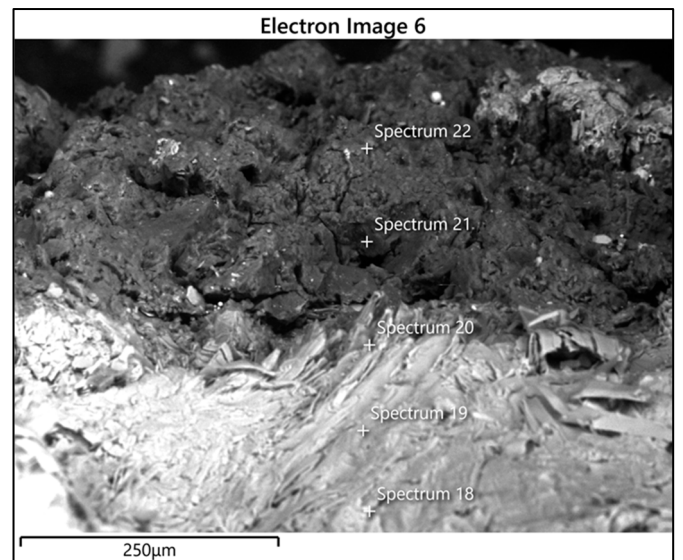
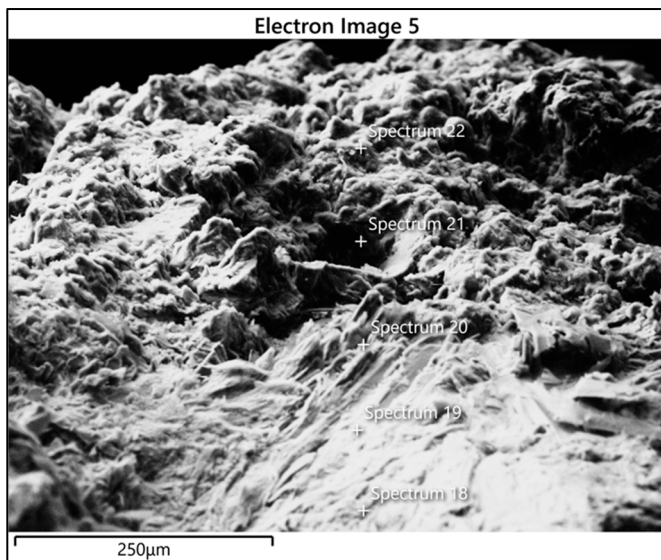


Wt%	C	O	Na	Mg	Al	Si	S	Cl	K	Ca	Ti	Cr	Mn	Fe	Ni	Total
Spectrum 1	10,27	42,59		16,99	0,45	23,53	0,11			0,16		0,34		5,12	0,45	100
Spectrum 2	11,53	46,51		15,99	0,4	17,6				0,16				7,1	0,71	100
Spectrum 3	17,36	50,68		20,35	0,1	6,06				0,13			0,26	5,05		100
Spectrum 4	7,97	46,91		17,16	0,16	25,45								2,35		100
Spectrum 5	9,05	51,61		15,91	0,38	20,96								1,89	0,2	100
Spectrum 6	16,07	49,57		16,09	0,15	13,45	0,09	0,11		0,13			0,15	3,91	0,27	100
Spectrum 7	20,05	43,41		14,57	0,63	16,05		0,11		0,12				4,79	0,25	100
Spectrum 8	29,62	44,03	0,23	14,62	0,17	5,44		0,16	0,1	0,33	0,09		0,38	4,83		100
Spectrum 9	0,45	49,84	0,44	19,87	0,8	25,62		0,21	0,14	0,27				2,36		100
Spectrum 10	0,78	50,51	0,88	21,54	2,03	7,62	0,31	0,4	0,27	0,7	5,85		0,36	8,76		100





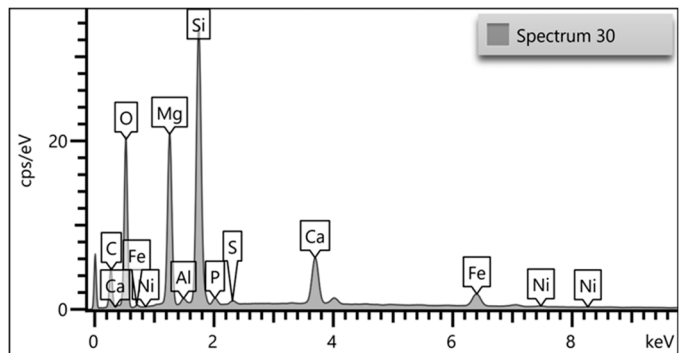
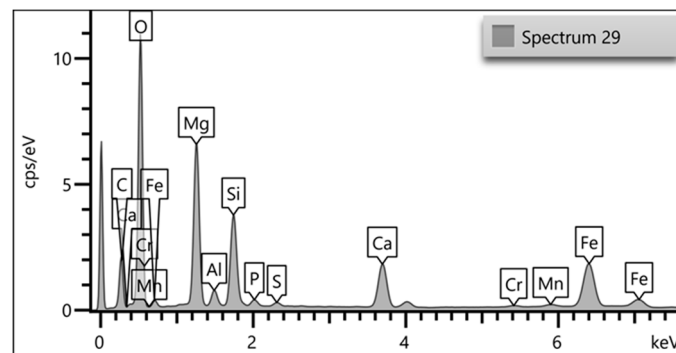
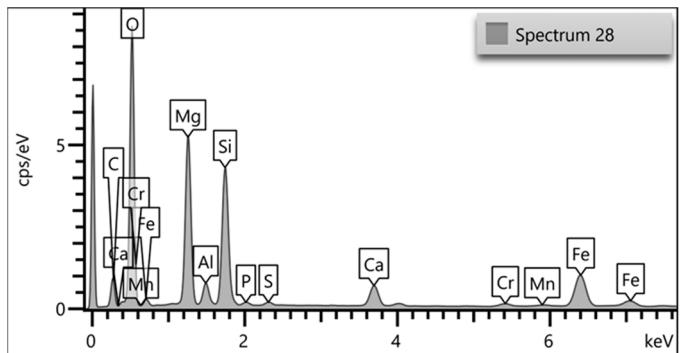
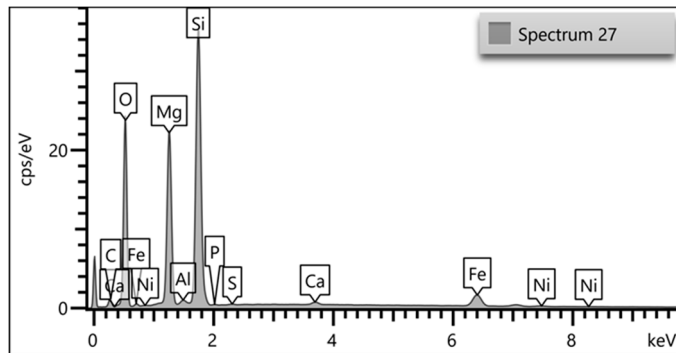
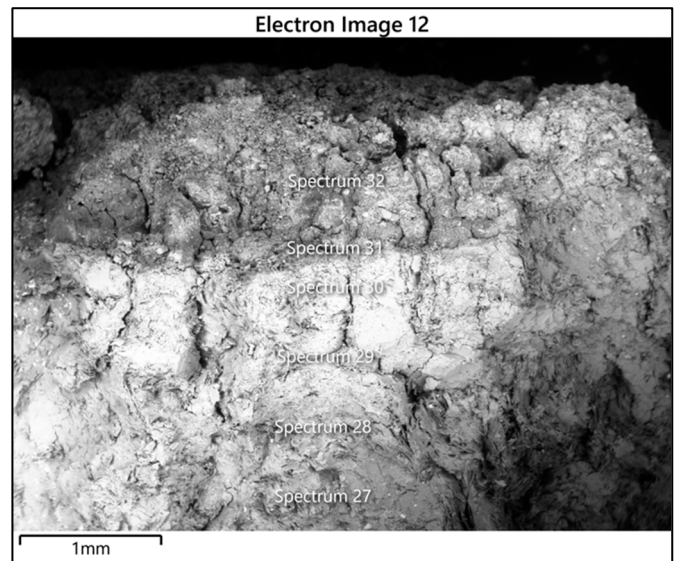
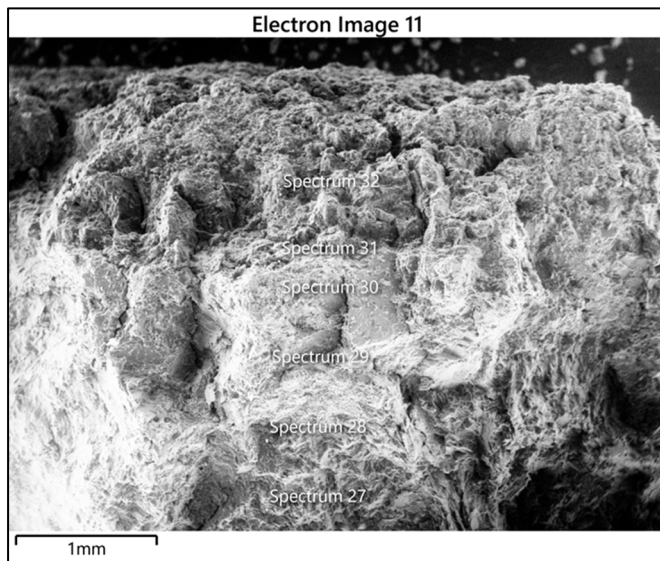
Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Mn	Fe	Ni	Total
Spectrum 11	1	47,46	0,62	18,67	1,28	27,06		0,3	0,39	0,18	0,52	0,24		2,27		100
Spectrum 12	1,97	55	1,49	20,75	3,76	5,01	2,32	0,47	0,63	0,42	4,18		0,26	3,73		100
Spectrum 13	1,96	52,46	0,85	27,16	6,11	3,82		0,33	0,38	0,29	0,94	0,16	0,32	4,94	0,3	100
Spectrum 14	5,08	43,27	1,32	15,18	2,15	17,47		2,29	0,78	0,5	3,09			7,47	1,41	100
Spectrum 15	20,74	53,19		20,88	0,36	1,75					0,14		0,21	2,73		100
Spectrum 16	13,3	50,42	0,3	14,94	0,27	19,13			0,2	0,09		0,12		1,25		100
Spectrum 17	9,73	52,36		15,68	0,13	20,44								1,66		100

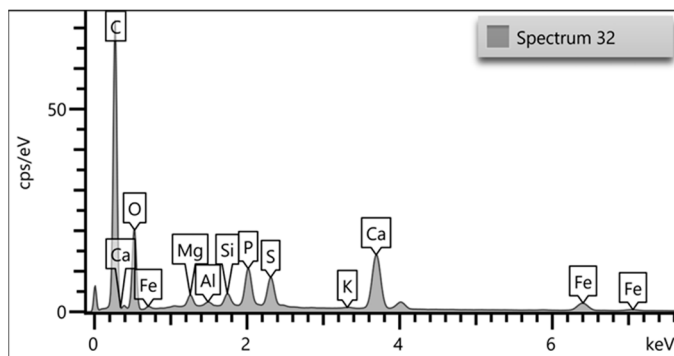
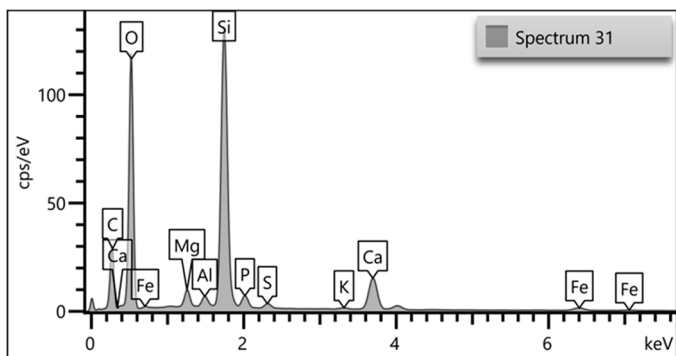


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Cr	Fe	Ni	Total
Spectrum															
18	2,07	49,5	0,41	17,73	1,69	21,96		0,4	0,34	0,28	0,74		4,53	0,34	100

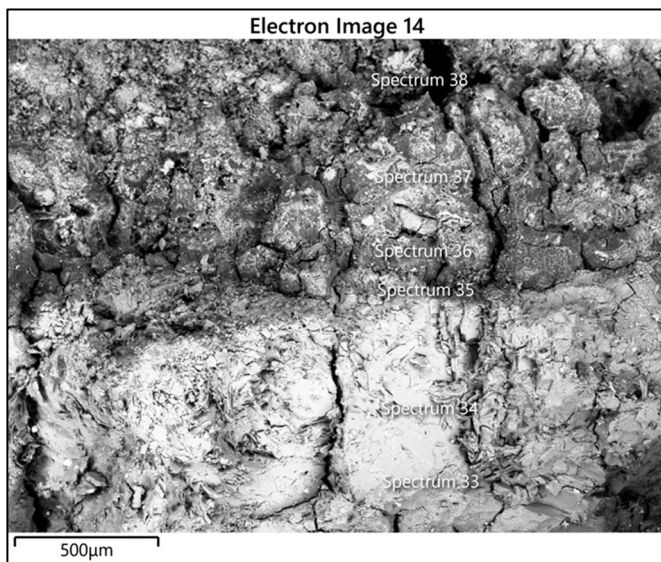
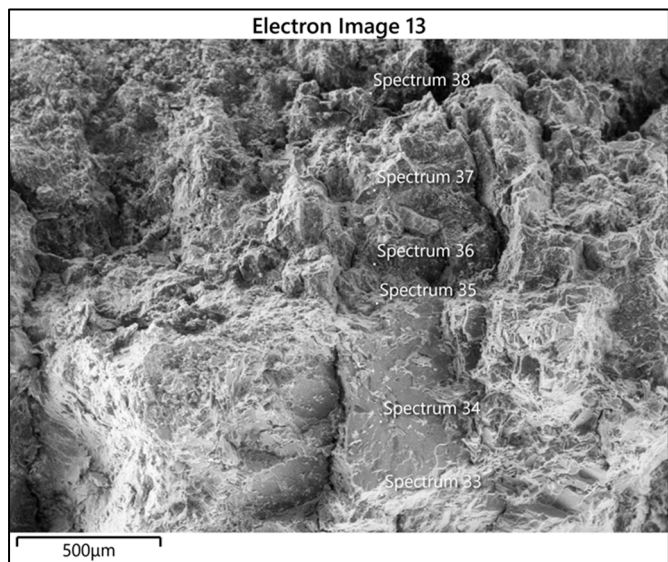
Spectrum 19	46,38	36,61	0,17	6,62	0,49	7,28		0,18	0,13	0,08	0,36		1,71		100
Spectrum 20	2,8	46,66	0,44	17,16	1,96	22,15		0,53	0,32	0,25	1,03	0,35	5,83	0,51	100
Spectrum 21	6,51	48,91	0,82	13,26	1,58	15,95		1,57	0,58	0,41	3,37		5,67	1,36	100
Spectrum 22	5,77	45,25	1,29	7,63	1,24	7,41	0,31	4,67	1,1	0,92	13,56		8,56	2,28	100

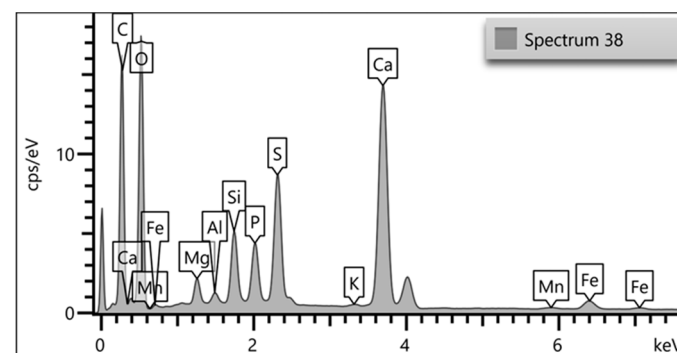
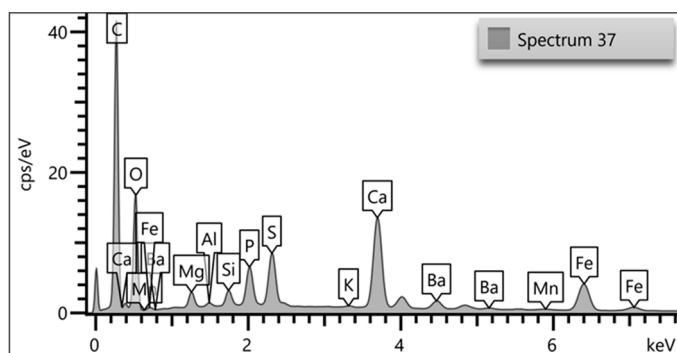
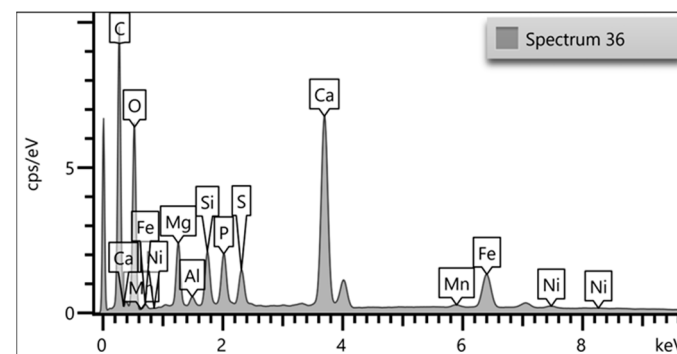
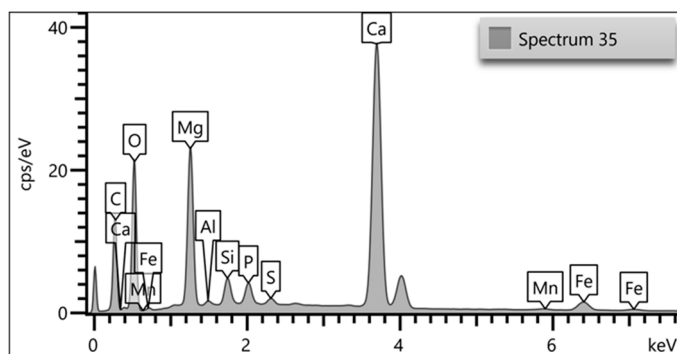
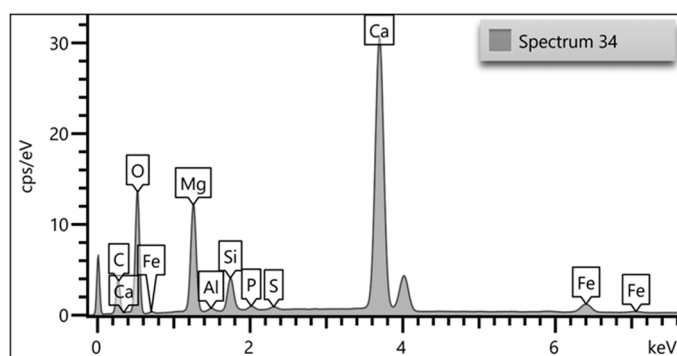
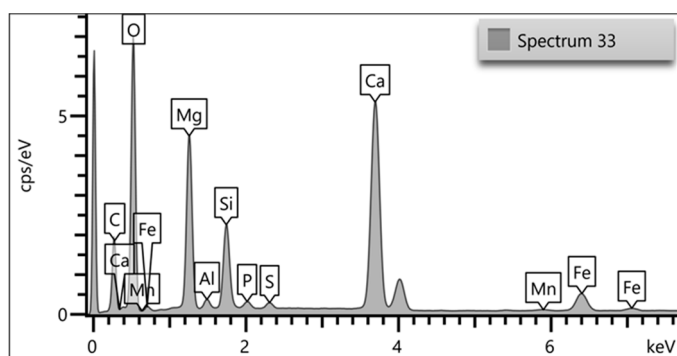
SAMPLE 4





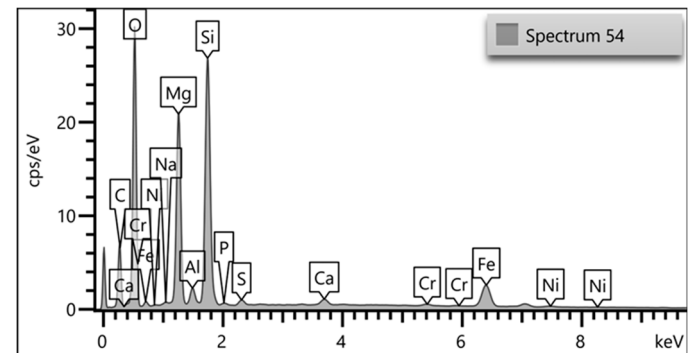
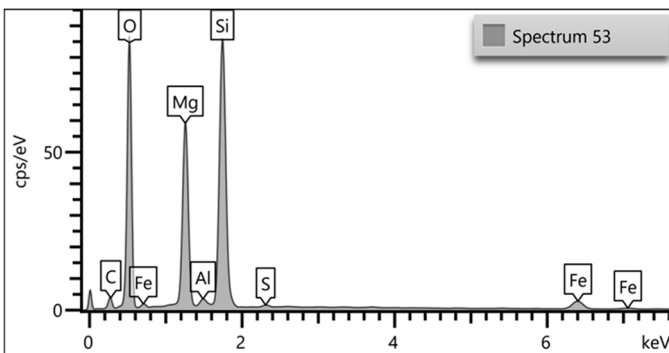
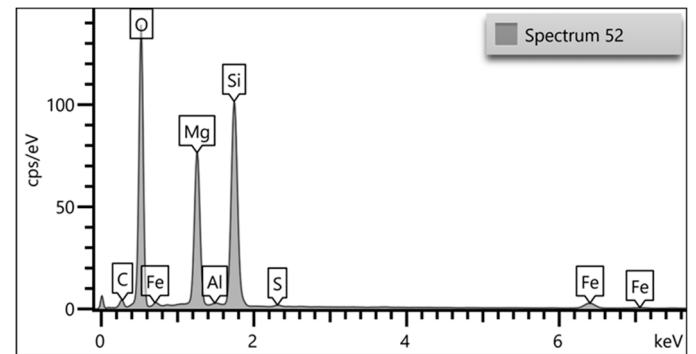
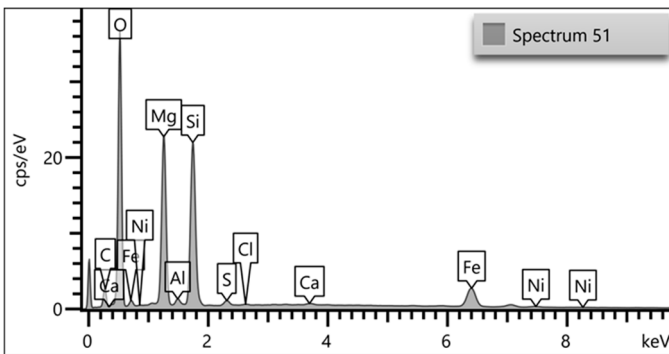
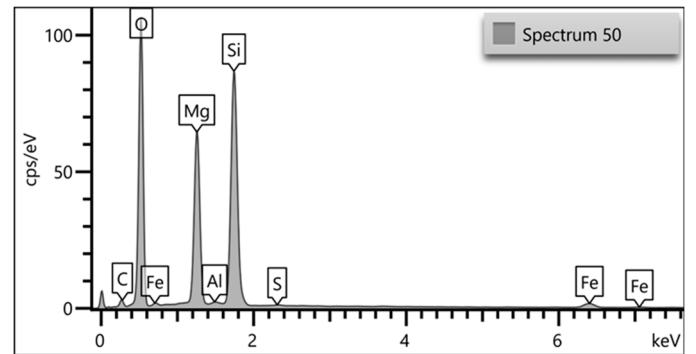
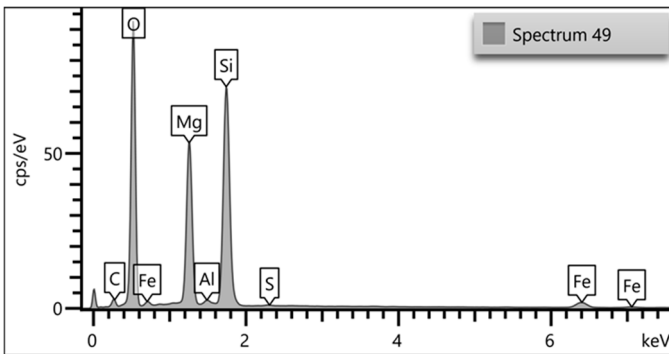
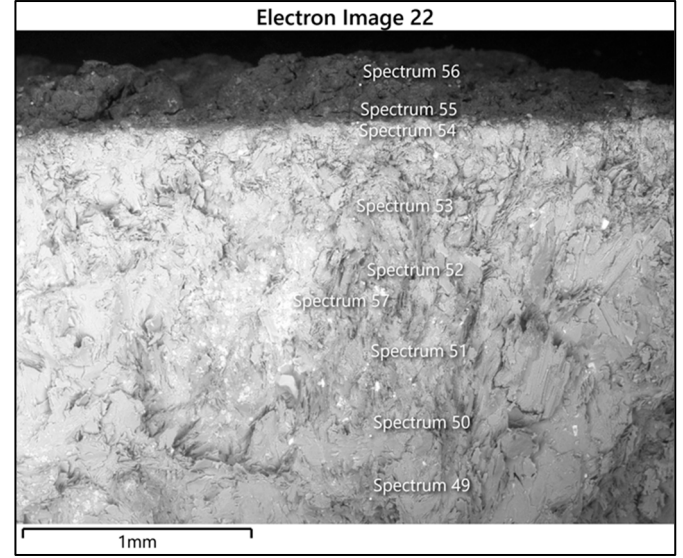
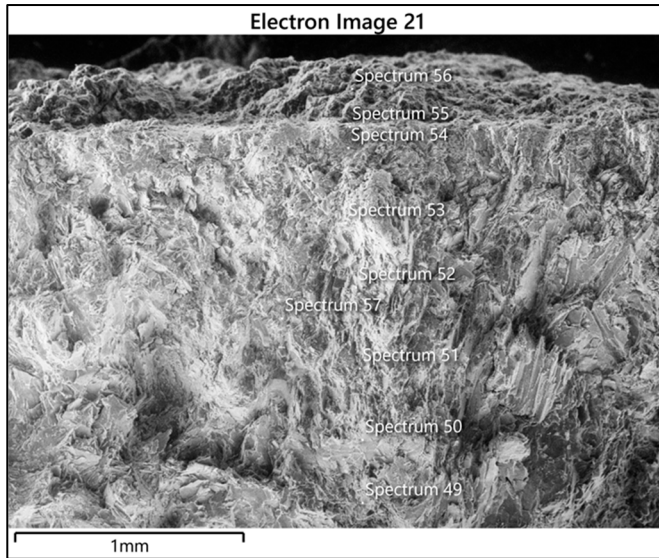
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Cr	Mn	Fe	Ni	Total
Spectrum 27	8,87	41,37	16,4	0,37	26,41	0,13	0,11		0,44			5,5	0,41	100
Spectrum 28	14,36	44,42	13,66	1,75	10,37	0,28	0,28		2,53	0,58	0,23	11,53		100
Spectrum 29	18,91	42,25	11,86	1,13	5,9	0,48	0,28		4,64	0,28	0,49	13,77		100
Spectrum 30	22,09	36,99	11,62	0,38	17,8	0,64	0,27		5,53			4,25	0,44	100
Spectrum 31	27,62	49,45	1,1	0,57	15,47	0,92	0,36	0,13	3,55			0,83		100
Spectrum 32	60,86	25,46	0,68	0,2	0,6	2,22	1,83	0,08	5,71			2,37		100

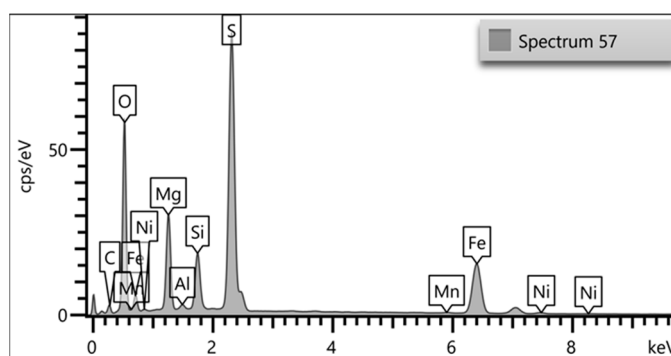
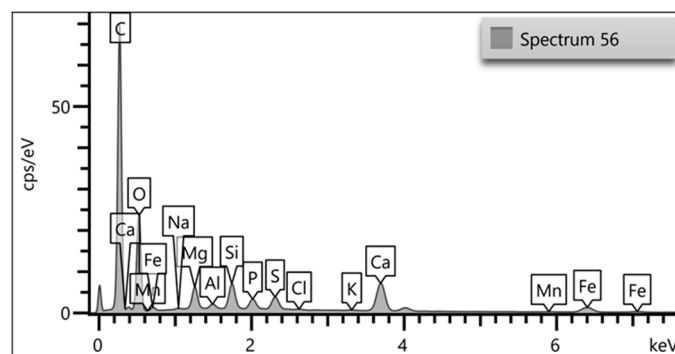
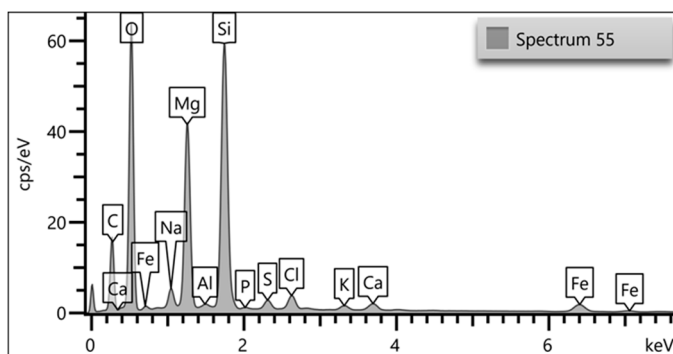




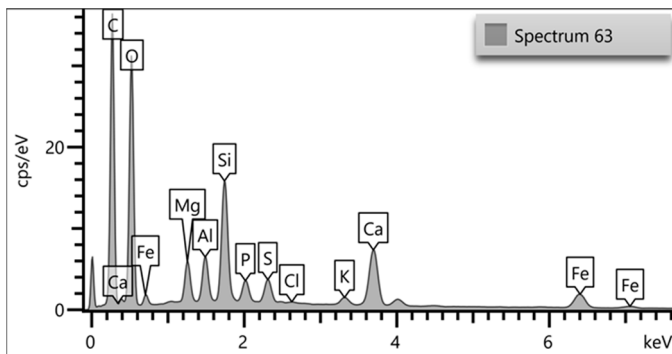
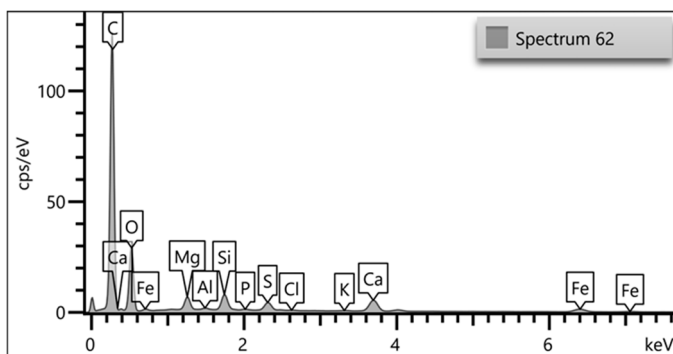
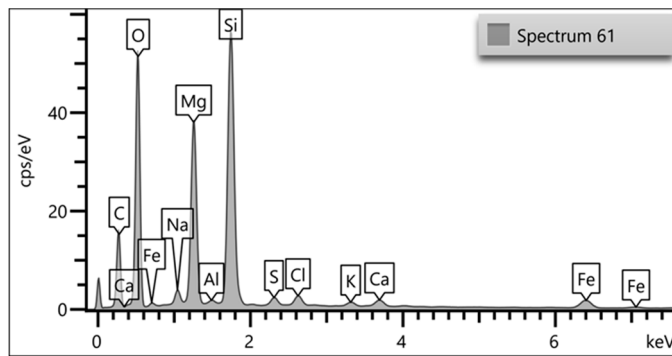
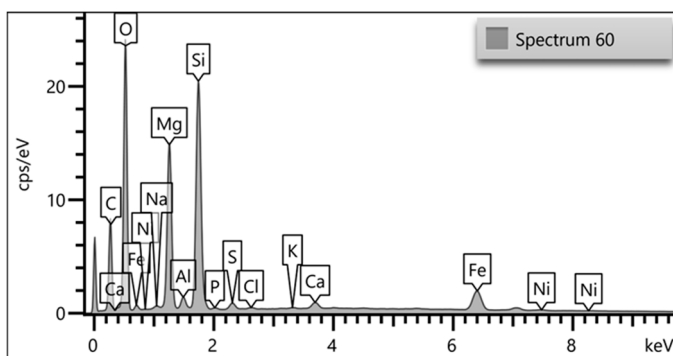
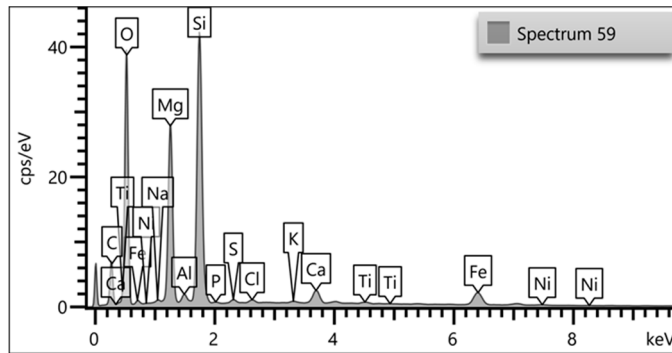
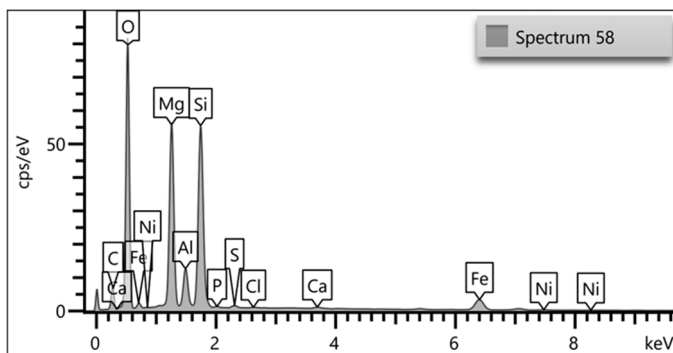
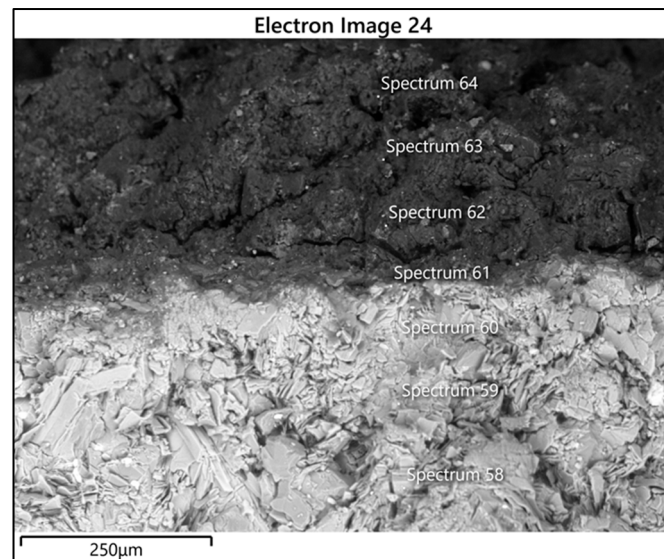
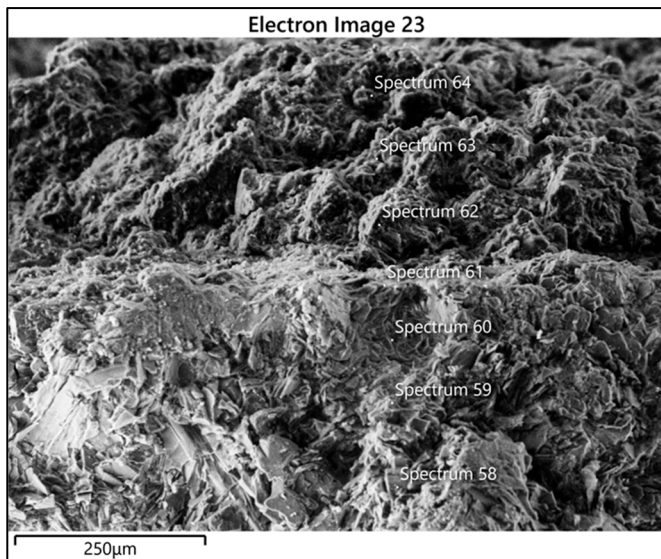
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Ba	Total
Spectrum 33	17,02	46,96	9,34	0,48	3,9	0,35	0,32		17,22	0,18	4,22			100
Spectrum 34	10,55	42,27	8,74	0,24	2,23	0,3	0,2		32,47		2,99			100
Spectrum 35	22,17	38,57	9,37	0,24	1,34	1,23	0,36		24,2	0,22	2,31			100
Spectrum 36	41,46	31,34	2,56	0,32	1,76	1,93	1,38		12,01	0,41	6,31	0,52		100
Spectrum 37	52,45	25,26	0,76	0,16	0,63	1,79	2,54	0,1	7,13	0,13	6,41		2,61	100
Spectrum 38	38,44	38,62	0,84	0,29	1,92	1,89	4,23	0,1	12,15	0,16	1,35			100

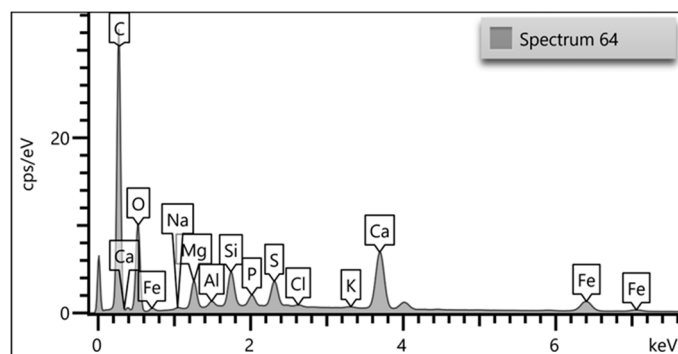
SAMPLE 6





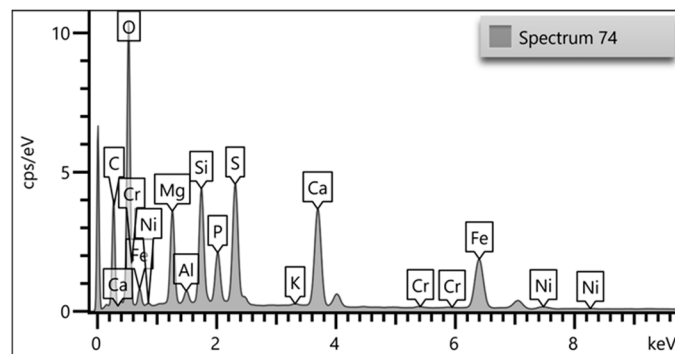
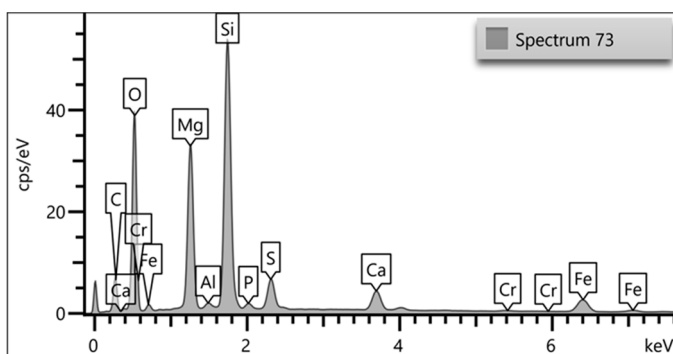
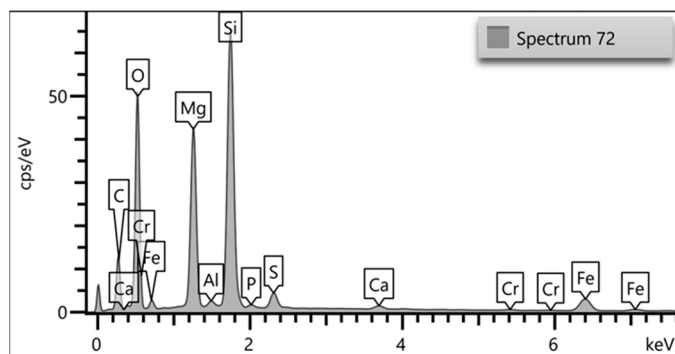
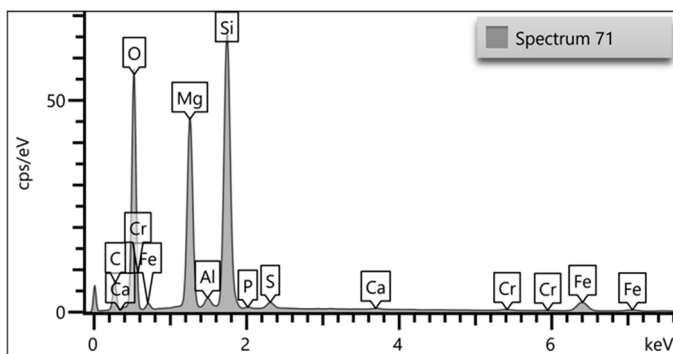
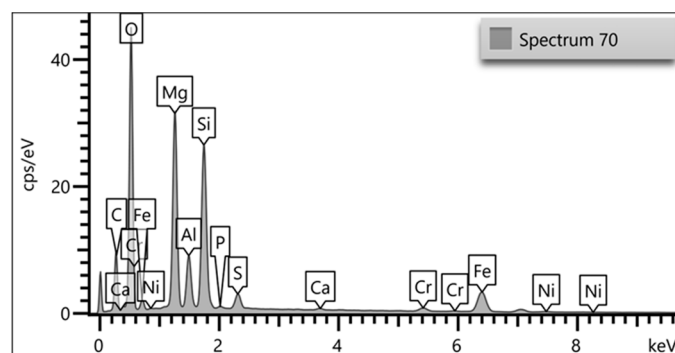
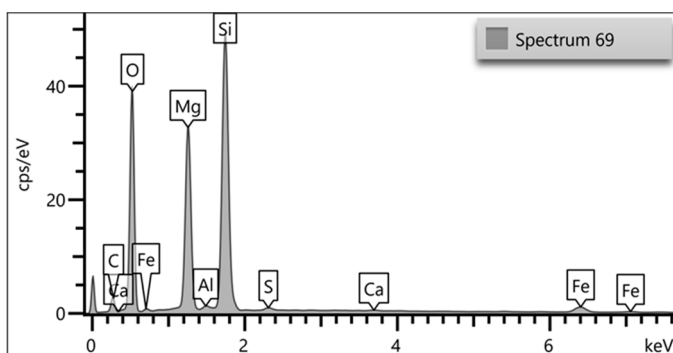
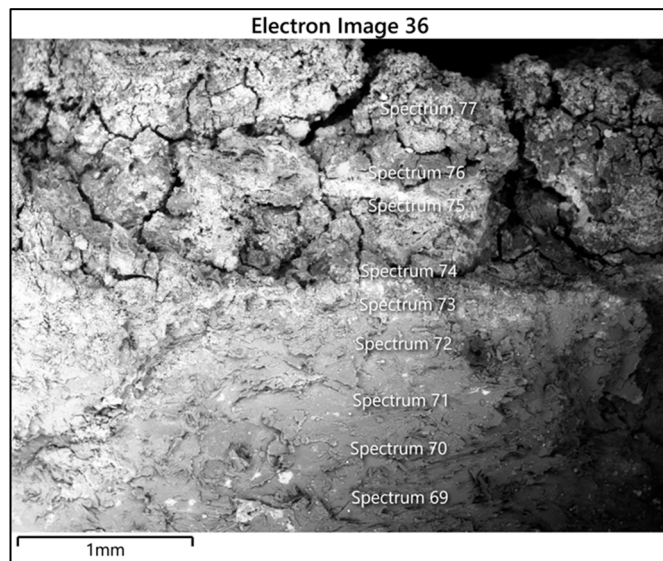
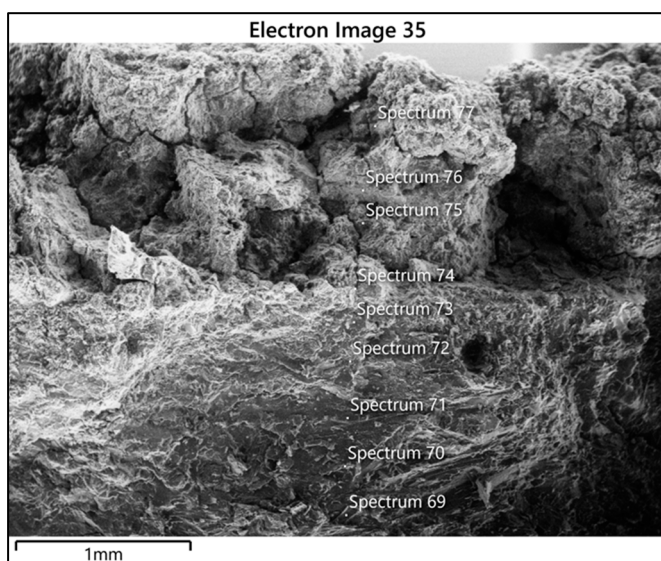
Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Cr	Mn	Fe	Ni	Total
Spectrum 49	7,38	52,59		15,79	0,4	21,18		0,08						2,58		100
Spectrum 50	7,29	52,36		16,18	0,18	21,93		0,09						1,97		100
Spectrum 51	13,22	47,55		15,33	0,59	14,16		0,51	0,1		0,21			7,85	0,46	100
Spectrum 52	7,4	53,45		15,56	0,17	20,62		0,23						2,57		100
Spectrum 53	10,01	48,12		15,31	0,58	22,39		0,25						3,34		100
Spectrum 54	25,43	41,24	0,13	11,11	0,92	13,36	0,15	0,35			0,53	0,29		6,15	0,33	100
Spectrum 55	28,82	42,79	1,3	9,65	0,15	12,89	0,1	0,55	0,91	0,36	0,59			1,89		100
Spectrum 56	59,68	30,58	0,08	1,43	0,26	1,4	0,66	0,85	0,07	0,06	3,2		0,09	1,64		100
Spectrum 57	8,55	36,29		8,56	0,38	4,12		22,82					0,21	18,43	0,64	100

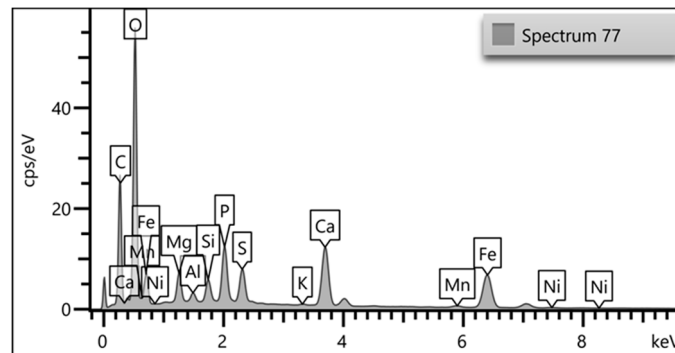
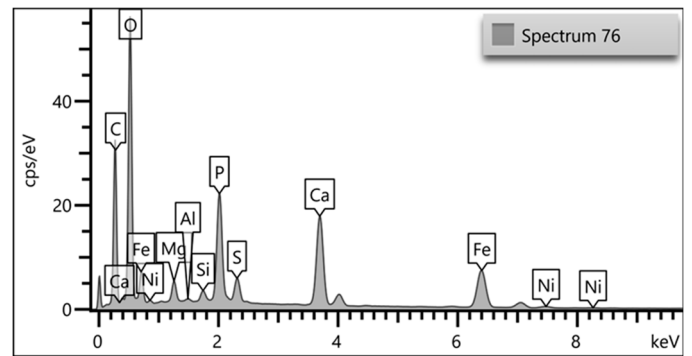
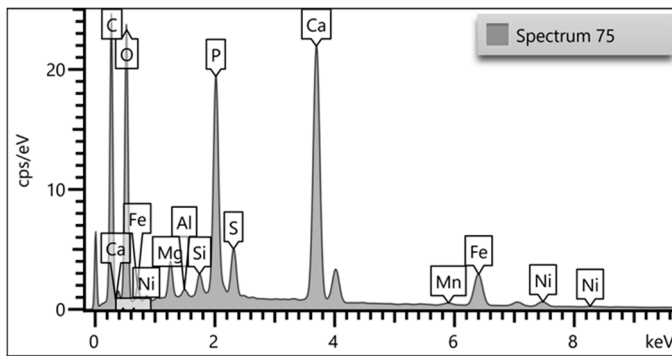




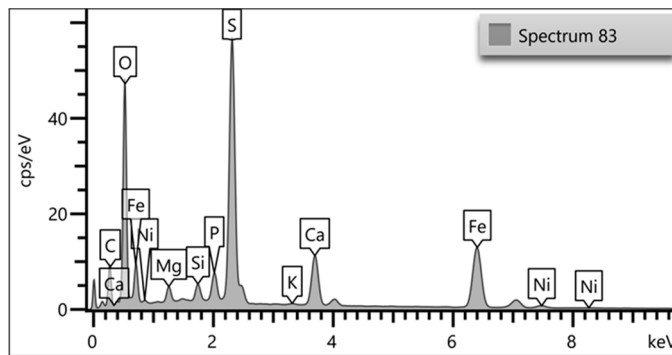
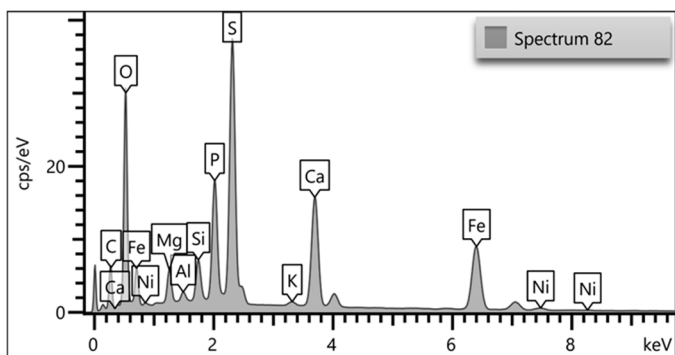
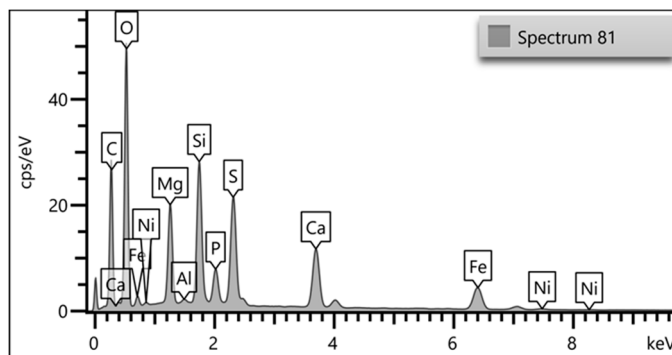
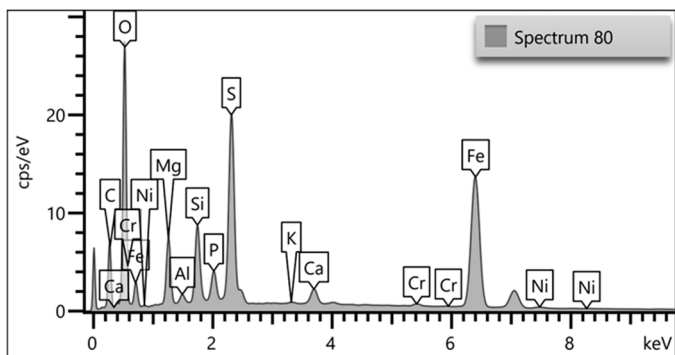
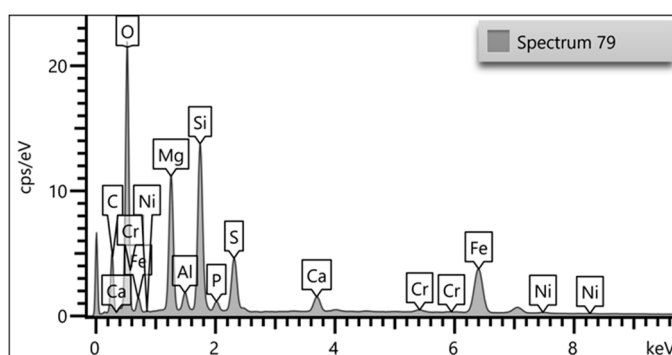
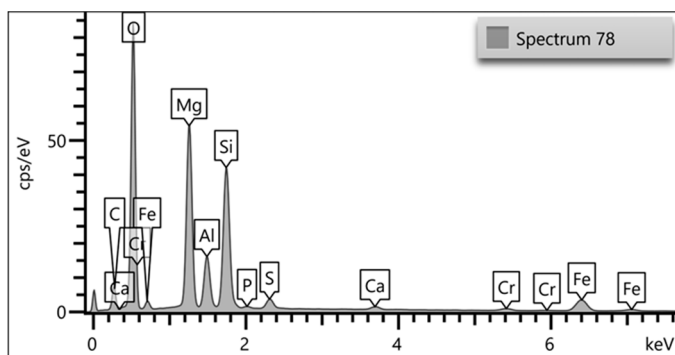
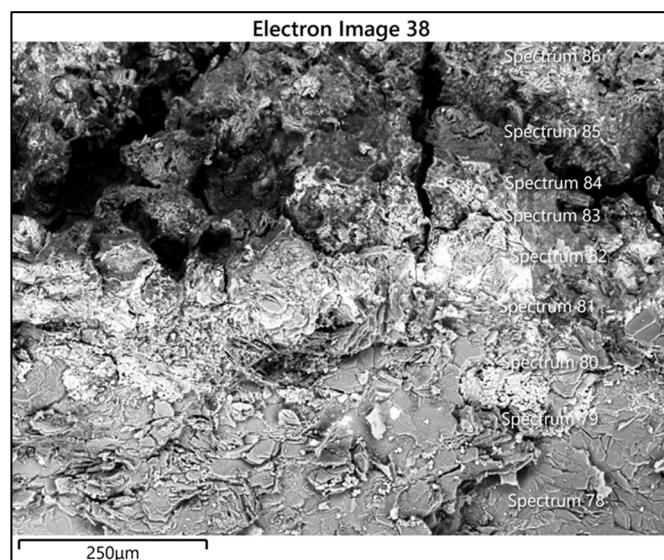
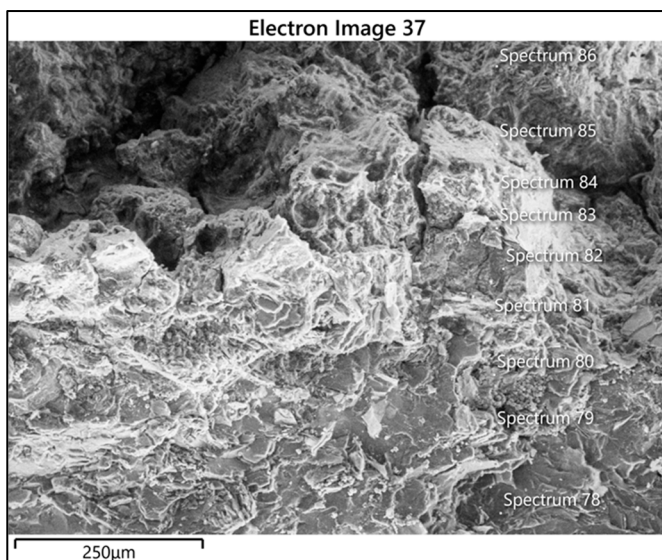
Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Ni	Total
Spectrum 58	15,29	46,98		14,62	3,35	14,78	0,13	0,23	0,07		0,19		4,11	0,26	100
Spectrum 59	22,86	42,9	0,19	11,1	0,49	15,92	0,11	0,25	0,25	0,15	1,37	0,27	3,89	0,24	100
Spectrum 60	32,11	40,69	0,16	8,79	0,6	11,09	0,1	0,37	0,1	0,09	0,55		5,08	0,27	100
Spectrum 61	30,99	40,71	0,96	9,61	0,17	13,41		0,48	0,64	0,34	0,59		2,09		100
Spectrum 62	65,81	28,04		1,09	0,12	1,13	0,08	0,71	0,04	0,06	1,67		1,25		100
Spectrum 63	46,91	37,39		1,57	1,57	3,99	0,86	0,95	0,06	0,41	3,61		2,68		100
Spectrum 64	58,76	26,23	0,13	1,6	0,29	1,73	0,67	1,55	0,14	0,09	5,83		2,99		100

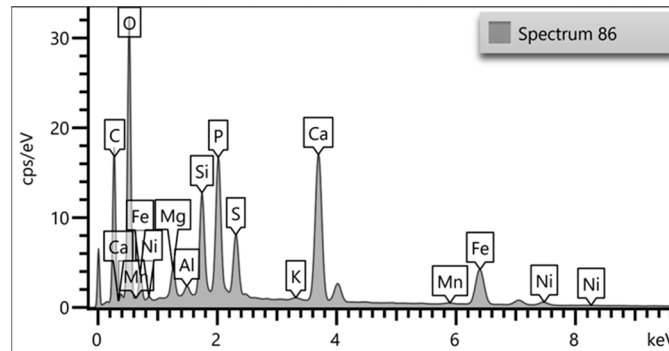
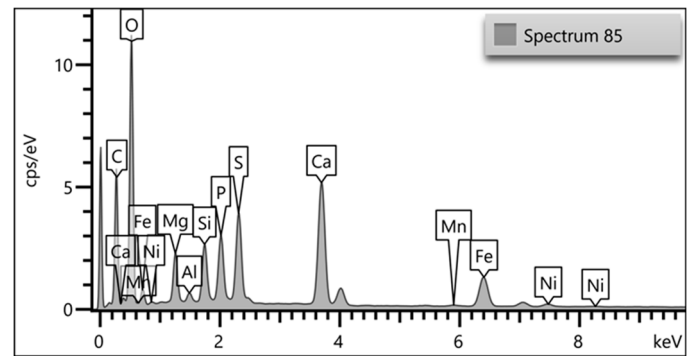
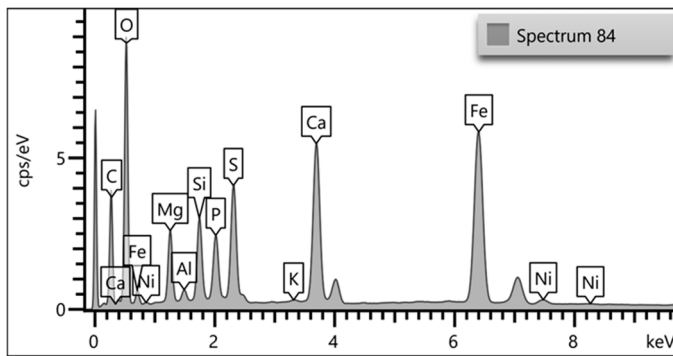
SAMPLE 8





Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Cr	Mn	Fe	Ni	Total
Spectrum 69	12,87	45,22	15,35	0,26	23,57		0,27		0,12			2,33		100
Spectrum 70	24,52	42,17	11,99	3,33	9,71	0,15	1,03		0,16	0,69		6,04	0,21	100
Spectrum 71	18,78	43,44	13,49	0,66	19,38	0,14	0,54		0,13	0,21		3,24		100
Spectrum 72	26,64	39,46	11,15	0,35	16,57	0,24	1,19		0,37	0,2		3,83		100
Spectrum 73	20,7	40,01	11,38	0,34	17,76	0,5	2,58		2,39	0		4,34		100
Spectrum 74	28,79	37,89	4,14	0,48	4,13	2,13	5,12	0,09	6,61	0,14		9,89	0,58	100
Spectrum 75	37,36	34,99	1,14	0,18	0,51	6,1	1,5		12,42		0,24	4,52	1,04	100
Spectrum 76	33,09	43,39	1,05	0,12	0,41	4,93	1,19		6,81			8,55	0,46	100
Spectrum 77	32,26	45,22	1,73	0,46	1,01	2,98	1,91	0,08	5,2		0,35	8,62	0,19	100





Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Cr	Mn	Fe	Ni	Total
Spectrum 78	14,97	48,03	14,64	4,5	11,54	0,19	0,9		0,38	0,52		4,33		100
Spectrum 79	23,68	39,44	8,42	1,04	9,01	0,65	3,4		1,42	0,38		12,2	0,36	100
Spectrum 80	22,96	30,09	3,71	0,4	3,22	1,43	8,86	0,09	1,05	0,3		27,49	0,4	100
Spectrum 81	36,08	38,77	4,3	0,14	5,19	1,52	4,86		4,21			4,65	0,28	100
Spectrum 82	19,43	34,57	1,75	0,41	1,64	5,56	12,86	0,25	8,56			14,24	0,73	100
Spectrum 83	21,03	38,27	1,03		0,84	1,58	15,11	0,11	4,76			16,4	0,87	100
Spectrum 84	23,88	27,24	3,02	0,41	2,58	2,25	4,07	0,09	8,43			26,95	1,09	100
Spectrum 85	30,58	41,32	2,31	0,37	2,2	2,87	4,05		8,97		0,17	6,35	0,81	100
Spectrum 86	32,17	38,97	1,09	0,31	3,19	5,12	2,49	0,11	9,08		0,16	6,49	0,82	100

