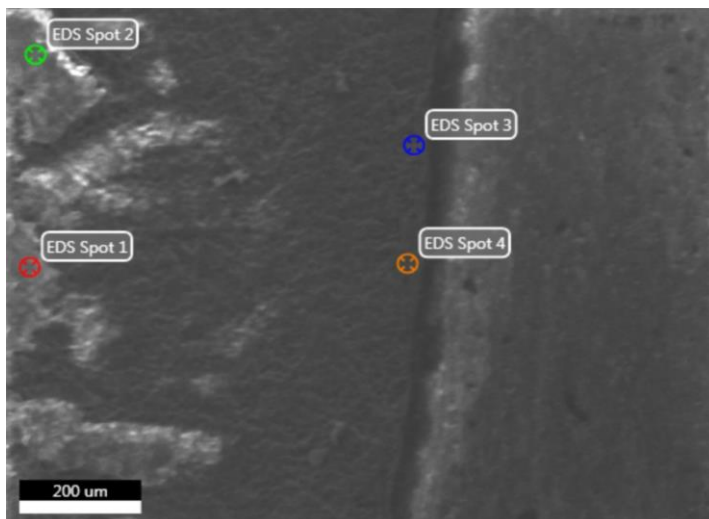


phy

Author: sk  
Creation: 2/3/2021  
Sample Name: s1

**Area 900**

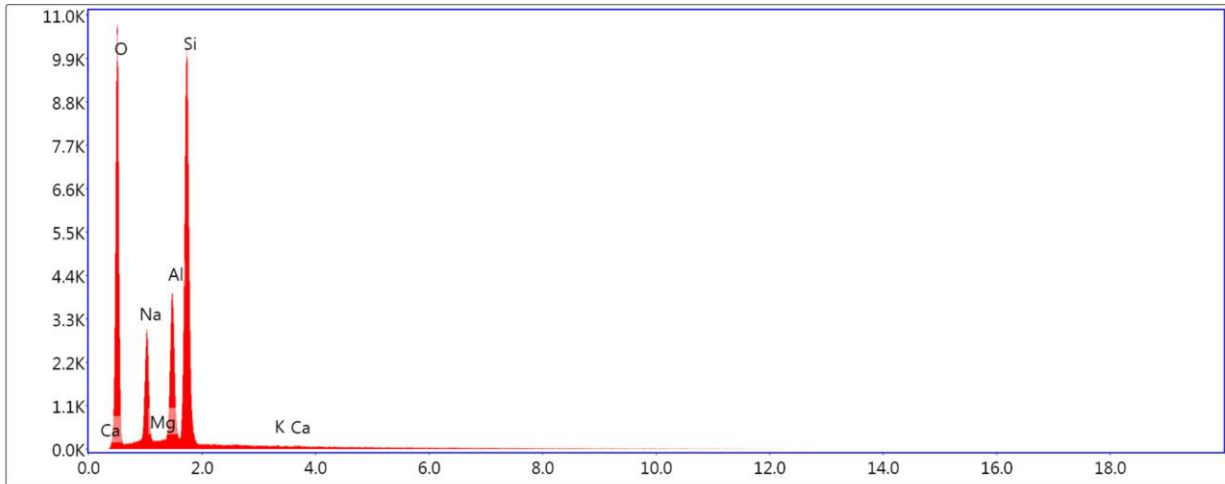


Notes:

EDS Spot 1

kV: 20      Mag: 60      Takeoff: 76      Live Time(s): 49.4      Amp Time(μs): 1.92      Resolution:(eV)134.9

EDS Spot 1



Lsec: 49.4 0 Cnts 0.000 keV Det: Octane Plus Det

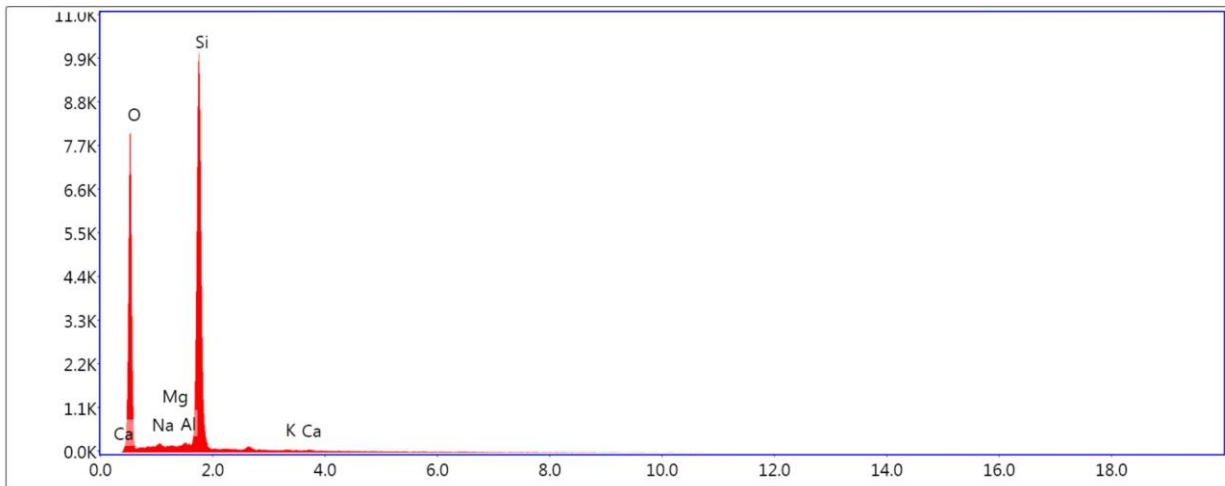
**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
O K	51.96	64.02	1535.80	7.03	0.2307	1.0460	0.9798	0.4245	1.0000
NaK	12.71	10.90	476.36	7.72	0.0493	0.9504	1.0053	0.4060	1.0053
MgK	0.24	0.19	13.02	23.14	0.0011	0.9667	1.0127	0.4638	1.0100
AlK	9.91	7.24	700.44	5.54	0.0570	0.9310	1.0196	0.6105	1.0120
SiK	25.05	17.58	1863.90	4.82	0.1554	0.9514	1.0261	0.6500	1.0026
K K	0.05	0.03	2.99	59.89	0.0004	0.8820	1.0533	0.8976	1.0178
CaK	0.07	0.04	3.97	58.05	0.0006	0.8981	1.0578	0.9337	1.0235

EDS Spot 2

kV: 20      Mag: 60      Takeoff: 76      Live Time(s): 49.5      Amp Time(μs): 1.92      Resolution:(eV)134.9

EDS Spot 2



Lsec: 49.5 0 Cnts 0.000 keV Det: Octane Plus Det

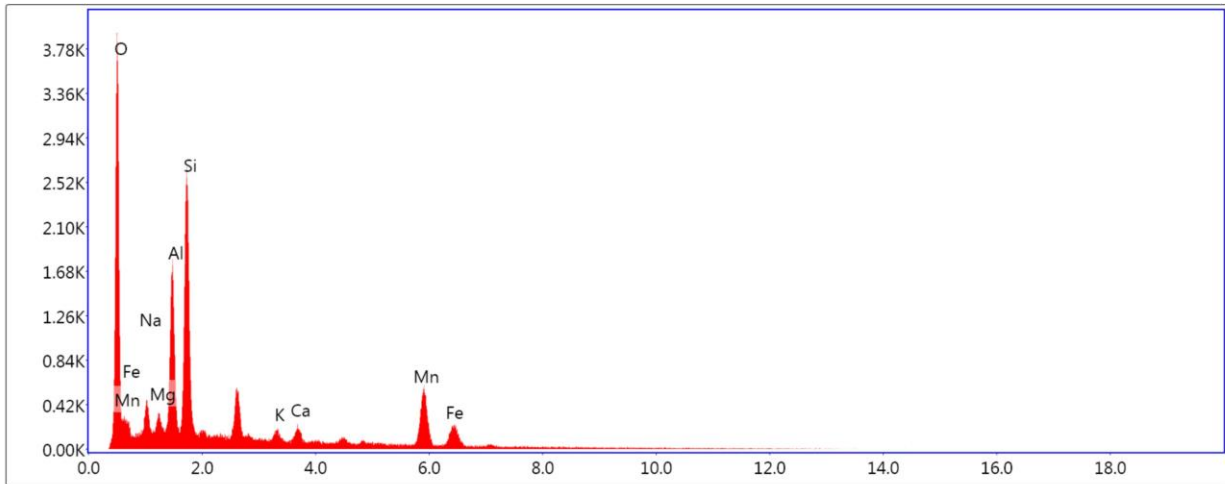
**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
O K	62.10	73.98	1153.76	7.10	0.2718	1.0342	0.9816	0.4233	1.0000
NaK	2.19	1.81	45.50	11.32	0.0074	0.9396	1.0069	0.3569	1.0066
MgK	0.75	0.59	28.42	12.83	0.0037	0.9557	1.0142	0.5054	1.0124
AlK	0.97	0.69	46.90	8.88	0.0060	0.9204	1.0211	0.6529	1.0222
SiK	33.33	22.62	1850.20	3.63	0.2418	0.9406	1.0275	0.7693	1.0028
K K	0.35	0.17	13.49	21.24	0.0028	0.8719	1.0545	0.9044	1.0184
CaK	0.31	0.15	10.45	21.44	0.0027	0.8878	1.0589	0.9375	1.0232

EDS Spot 3

kV: 20      Mag: 60      Takeoff: 76      Live Time(s): 49.6      Amp Time(μs): 1.92      Resolution:(eV)134.9

EDS Spot 3



Lsec: 49.6 0 Cnts 0.000 keV Det: Octane Plus Det

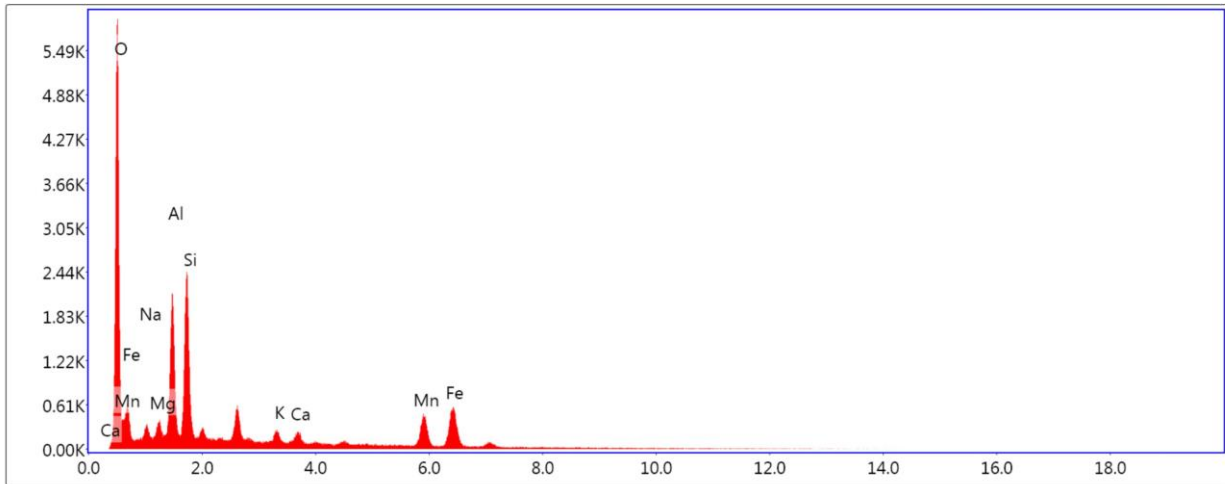
**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
O K	47.05	64.20	540.51	7.55	0.2052	1.0753	0.9622	0.4056	1.0000
NaK	4.80	4.55	54.78	12.37	0.0143	0.9784	0.9892	0.3041	1.0041
MgK	1.68	1.50	34.41	13.34	0.0071	0.9956	0.9971	0.4236	1.0073
AlK	11.03	8.92	289.23	6.58	0.0595	0.9591	1.0045	0.5580	1.0084
SiK	16.72	12.99	471.05	5.81	0.0992	0.9804	1.0114	0.6023	1.0049
K K	1.13	0.63	28.50	11.49	0.0097	0.9101	1.0409	0.9063	1.0389
CaK	1.52	0.83	33.84	12.90	0.0138	0.9269	1.0458	0.9352	1.0491
MnK	12.60	5.01	154.86	3.44	0.1080	0.8145	1.0651	1.0005	1.0520
FeK	3.48	1.36	37.82	9.66	0.0305	0.8273	1.0675	1.0022	1.0550

EDS Spot 4

kV: 20      Mag: 60      Takeoff: 76      Live Time(s): 49.6      Amp Time(μs): 1.92      Resolution:(eV)134.9

EDS Spot 4



Lsec: 49.6 0 Cnts 0.000 keV Det: Octane Plus Det

**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
O K	54.07	71.94	821.11	6.91	0.2645	1.0705	0.9628	0.4570	1.0000
NaK	1.23	1.14	14.70	24.53	0.0033	0.9740	0.9897	0.2712	1.0036
MgK	0.89	0.77	20.52	17.93	0.0036	0.9911	0.9976	0.4081	1.0066
AlK	10.91	8.61	330.88	6.70	0.0578	0.9548	1.0049	0.5505	1.0072
SiK	12.31	9.33	404.54	6.03	0.0723	0.9761	1.0119	0.5984	1.0053
K K	0.90	0.49	27.16	11.11	0.0078	0.9061	1.0413	0.9190	1.0428
CaK	1.08	0.57	28.76	11.17	0.0100	0.9228	1.0462	0.9461	1.0563
MnK	7.94	3.07	116.73	4.30	0.0691	0.8109	1.0654	1.0042	1.0692
FeK	10.67	4.07	135.88	4.26	0.0929	0.8237	1.0678	1.0059	1.0506