

May Day - Olivines

Element	Wt%	Abundance	Ionization	Wt%	Abundance	Ionization	Element	Wt%	Abundance	Ionization	Element	Wt%	Abundance	Ionization
Fe	17.78	3.690	Ix\Iatd	18.82	3.694	Ix\Iatd	Fe	17.78	3.690	Ix\Iatd	Fe	17.78	3.690	Ix\Iatd
Mg	43.42	28.922	Wt% E1	43.42	28.922	Wt% E1	Mg	43.42	28.922	Wt% E1	Mg	43.42	28.922	Wt% E1
Ca	10.02	7.300	Wt% E1	10.02	7.300	Wt% E1	Ca	10.02	7.300	Wt% E1	Ca	10.02	7.300	Wt% E1
Si	100.91	28.902	Wt% E1	100.91	28.902	Wt% E1	Si	100.91	28.902	Wt% E1	Si	100.91	28.902	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			
Si	4447.513	430.202	B.G.	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.	Si	4447.513	430.202	B.G.
Mg	4729.519	28.888	Wt% E1	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1	Mg	4729.519	28.888	Wt% E1
Fe	4881.887	28.932	Wt% E1	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1	Fe	4881.887	28.932	Wt% E1
Ca	4881.887	7.300	Wt% E1	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1	Ca	4881.887	7.300	Wt% E1
Peak							Peak				Peak			

12
MAY DAY, KA
1
X
4
5
11
10
4
9
2
X
8
7

2010/11/10 - just for M

4E L O L M A Y D A Y , K A

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
1	SI	4412.567	31.235	0.9775	18.29	39.13
	MG	4689.779	26.001	0.8523	26.13	43.32
	FE	496.392	5.900	1.6315	14.33	18.44
	CA	9.500	7.800	0.0012	0.02	0.02
						100.91

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
2	SI	4424.271	31.169	0.9802	18.33	39.21
	MG	4728.566	25.768	0.8594	26.05	43.20
	FE	460.457	5.667	1.5128	13.31	17.12
	CA	9.434	7.000	0.0017	0.02	0.03
						99.55

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
3	SI	4409.650	31.835	0.9768	18.28	39.10
	MG	4753.295	25.301	0.8640	26.17	43.40
	FE	458.687	5.133	1.5087	13.27	17.07
	CA	8.167	8.167	0.0000	0.00	0.00
						99.57

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
4	SI	4393.978	31.402	0.9734	18.23	39.00
	MG	4787.879	26.702	0.8701	26.40	43.77
	FE	464.865	4.633	1.5309	13.46	17.32
	CA	10.334	7.167	0.0022	0.03	0.04
						100.13

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
5	SI	4431.532	30.635	0.9819	18.37	39.30
	MG	4735.938	27.002	0.8606	26.21	43.46
	FE	476.955	4.800	1.5705	13.81	17.76
	CA	10.400	9.267	0.0008	0.01	0.01
						100.54

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
6	SI	4491.386	29.468	0.9955	18.60	39.79
	MG	4748.166	25.035	0.8631	26.18	43.42
	FE	466.067	5.200	1.5330	13.48	17.35
	CA	8.967	7.300	0.0012	0.02	0.02
						100.57

4E L O L

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
7	SI	4447.512	30.202	0.9856	18.43	39.43
	MG	4729.518	25.868	0.8596	26.19	43.42
	FE	478.290	5.600	1.5723	13.62	17.78

CA 10.667 8.000 0.0019 0.02 0.03

4ELOL

100.66

8

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4476.319		28.902	0.9923	18.55	39.68
MG	4775.988		25.701	0.8681	26.28	43.58
FE	460.424		5.233	1.5141	13.32	17.14
CA	9.567		8.033	0.0011	0.01	0.02

100.41

4ELOL

X

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4429.157		31.935	0.9811	18.37	39.29
MG	4770.077		26.602	0.8669	26.42	43.81
FE	481.664		5.000	1.5855	13.94	17.93
CA	8.067		7.633	0.0003	0.00	0.01

101.04

4ELOL

9

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4459.829		31.202	0.9881	18.48	39.53
MG	4775.411		25.168	0.8681	26.33	43.66
FE	466.468		5.100	1.5347	13.50	17.36
CA	9.500		7.800	0.0012	0.02	0.02

100.58

4ELOL

10

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4407.072		30.569	0.9765	18.28	39.11
MG	4777.144		25.235	0.8684	26.35	43.70
FE	466.501		5.367	1.5339	13.49	17.35
CA	8.500		8.167	0.0002	0.00	0.00

100.17

4ELOL

11

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4437.842		30.169	0.9834	18.41	39.38
MG	4790.666		27.568	0.8704	26.44	43.85
FE	471.778		5.267	1.5518	13.65	17.55
CA	7.967		7.467	0.0004	0.00	0.01

100.78

4ELOL

X

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4330.349		29.202	0.9596	17.93	38.35
MG	4457.623		24.535	0.8101	25.03	41.51
FE	504.375		4.900	1.6614	14.58	18.76
CA	8.900		8.400	0.0004	0.00	0.01

98.63

4ELOL

12

	EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4431.023		29.868	0.9820	18.38	39.31
MG	4774.528		25.268	0.8679	26.34	43.67
FE	466.869		5.300	1.5353	13.50	17.37
CA	9.634		8.200	0.0010	0.01	0.02

100.27

4E L O L

13

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4347.747	29.902	0.9634	18.01	38.53
	MG	4468.956	23.768	0.8124	25.28	41.92
	FE	531.832	5.033	1.7523	15.37	19.77
	CA	9.667	8.300	0.0010	0.01	0.02

						100.24

4E L O L

14

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4315.970	29.635	0.9563	17.93	38.36
	MG	4766.714	26.501	0.8663	26.30	43.61
	FE	464.464	6.000	1.5250	13.41	17.25
	CA	9.934	7.200	0.0019	0.03	0.04

						99.26

4E L O L

15

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4424.068	30.735	0.9802	18.33	39.21
	MG	4731.861	25.601	0.8601	26.08	43.25
	FE	461.459	5.167	1.5178	13.35	17.17
	CA	9.500	6.967	0.0018	0.02	0.03

						99.67

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4474.826	29.068	0.9919	18.55	39.69
	MG	4778.604	25.068	0.8687	26.42	43.80
	FE	475.619	4.767	1.5662	13.77	17.72
	CA	9.800	7.767	0.0014	0.02	0.03

						101.23

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	6737.138	34.469	1.4955	26.06	55.75
	MG	3551.820	22.334	0.6450	18.64	30.91
	FE	296.776	4.367	0.9726	8.62	11.09
	CA	50.738	8.200	0.0300	0.40	0.56

						98.31

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	6787.438	35.736	1.5064	26.23	56.11
	MG	3549.757	22.734	0.6446	18.61	30.87
	FE	295.875	4.967	0.9677	8.58	11.04
	CA	53.539	7.467	0.0324	0.43	0.60

						98.62

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4469.261	30.569	0.9903	18.53	39.63
	MG	4793.859	25.935	0.8713	26.47	43.90
	FE	474.283	5.733	1.5585	13.70	17.63
	CA	10.434	8.000	0.0017	0.02	0.03

						101.20

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4484.429	31.269	0.9936	18.57	39.73
	MG	4759.444	25.868	0.8651	26.30	43.61
	FE	475.051	5.733	1.5611	13.73	17.66
	CA	9.667	7.333	0.0016	0.02	0.03

						101.20

4E L O L

13

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4347.747	29.902	0.9634	18.01	38.53
	MG	4468.956	23.768	0.8124	25.28	41.92
	FE	531.832	5.033	1.7523	15.37	19.77
	CA	9.667	8.300	0.0010	0.01	0.02

100.24

4E L O L

14

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4315.970	29.635	0.9563	17.93	38.36
	MG	4766.714	26.501	0.8663	26.30	43.61
	FE	464.464	6.000	1.5250	13.41	17.25
	CA	9.934	7.200	0.0019	0.03	0.04

99.26

4E L O L

15

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4424.068	30.735	0.9802	18.33	39.21
	MG	4731.861	25.601	0.8601	26.08	43.25
	FE	461.459	5.167	1.5178	13.35	17.17
	CA	9.500	6.967	0.0018	0.02	0.03

99.67

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4474.826	29.068	0.9919	18.55	39.69
	MG	4778.604	25.068	0.8687	26.42	43.80
	FE	475.619	4.767	1.5662	13.77	17.72
	CA	9.800	7.767	0.0014	0.02	0.03

101.23

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	6737.138	34.469	1.4955	26.06	55.75
	MG	3551.820	22.334	0.6450	18.64	30.91
	FE	296.776	4.367	0.9726	8.62	11.09
	CA	50.738	8.200	0.0300	0.40	0.56

98.31

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	6787.438	35.736	1.5064	26.23	56.11
	MG	3549.757	22.734	0.6446	18.61	30.87
	FE	295.875	4.967	0.9677	8.58	11.04
	CA	53.539	7.467	0.0324	0.43	0.60

98.62

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4469.261	30.569	0.9903	18.53	39.63
	MG	4793.859	25.935	0.8713	26.47	43.90
	FE	474.283	5.733	1.5585	13.70	17.63
	CA	10.434	8.000	0.0017	0.02	0.03

101.20

4E L O L

X

	ET	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4484.429	31.259	0.9936	18.57	39.73
	MG	4759.444	25.868	0.8651	26.30	43.61
	FE	475.051	5.733	1.5611	13.73	17.66
	CA	9.667	7.333	0.0016	0.02	0.03

101.20

4E L O L

X

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4484.429	31.259	0.9936	18.57	39.73
MG	4759.444	25.868	0.8651	26.30	43.61
FE	475.051	5.733	1.5611	13.73	17.66
CA	9.667	7.333	0.0016	0.02	0.03

101.03

4E L O L

16

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4448.462	29.902	0.9859	18.45	39.46
MG	4776.940	26.168	0.8682	26.37	43.73
FE	471.077	4.933	1.5505	13.63	17.54
CA	9.534	7.900	0.0012	0.02	0.02

100.75

4E L O L

17

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4436.485	32.069	0.9827	18.38	39.33
MG	4756.489	24.101	0.8648	26.26	43.54
FE	467.437	5.133	1.5378	13.52	17.40
CA	9.734	7.367	0.0017	0.02	0.03

100.29

4E L O L

X

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4475.064	30.769	0.9916	18.55	39.69
MG	4798.479	24.335	0.8725	26.52	43.98
FE	476.220	5.467	1.5659	13.77	17.71
CA	9.434	8.133	0.0009	0.01	0.02

101.39

4E L O L

18

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4485.990	30.435	0.9941	18.58	39.75
MG	4793.791	25.935	0.8713	26.32	43.64
FE	453.511	4.700	1.4929	13.14	16.90
CA	9.200	7.733	0.0010	0.01	0.02

100.31

4E L O L

X

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4449.276	32.502	0.9854	18.45	39.47
MG	4796.271	25.168	0.8719	26.58	44.07
FE	484.302	4.700	1.5953	14.02	18.04
CA	10.067	6.933	0.0022	0.03	0.04

101.63

4E L O L

19

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4454.196	31.902	0.9867	18.46	39.48
MG	4798.479	26.401	0.8721	26.38	43.74
FE	457.451	5.067	1.5048	13.24	17.03
CA	9.734	8.167	0.0011	0.01	0.02

100.27

4E L O L

20

EI	Peak	B.G.	Ix/Istd	Wt% EI	Wt% Ox
SI	4357.345	30.069	0.9655	18.00	38.51
MG	4318.276	24.335	0.7847	24.51	40.64
FE	501.250	5.033	1.7591	15.42	19.84

4ELOL MAY DAY, KA

1

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4412.567	31.235	0.9775	18.29	39.13
MG	4689.779	26.001	0.8523	26.13	43.32
FE	496.392	5.900	1.6315	14.33	18.44
CA	9.500	7.800	0.0012	0.02	0.02

					100.91

4ELOL

2

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4424.271	31.169	0.9802	18.33	39.21
MG	4728.566	25.768	0.8594	26.05	43.20
FE	460.457	5.667	1.5128	13.31	17.12
CA	9.434	7.000	0.0017	0.02	0.03

					99.55

4ELOL

3

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4409.650	31.835	0.9768	18.28	39.10
MG	4753.295	25.301	0.8640	26.17	43.40
FE	458.687	5.133	1.5087	13.27	17.07
CA	8.167	8.167	0.0000	0.00	0.00

					99.57

4ELOL

4

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4393.978	31.402	0.9734	18.23	39.00
MG	4787.879	26.702	0.8701	26.40	43.77
FE	464.865	4.633	1.5309	13.46	17.32
CA	10.334	7.167	0.0022	0.03	0.04

					100.13

4ELOL

5

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4431.532	30.635	0.9819	18.37	39.30
MG	4735.938	27.002	0.8606	26.21	43.46
FE	476.955	4.800	1.5705	13.81	17.76
CA	10.400	9.267	0.0008	0.01	0.01

					100.54

4ELOL 6

6

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4491.386	29.468	0.9955	18.60	39.79
MG	4748.166	25.035	0.8631	26.18	43.42
FE	466.067	5.200	1.5330	13.48	17.35
CA	8.967	7.300	0.0012	0.02	0.02

					100.57

4ELOL

7

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4447.512	30.202	0.9856	18.43	39.43
MG	4729.518	25.868	0.8596	26.19	43.42
FE	478.290	5.600	1.5723	13.82	17.78
CA	10.667	8.000	0.0019	0.02	0.03

					100.66

4ELOL

7

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4447.512	30.202	0.9856	18.43	39.43
	MG	4729.518	25.868	0.8596	26.19	43.42
	FE	478.290	5.600	1.5723	13.82	17.78
	CA	10.667	8.000	0.0019	0.02	0.03
4ELOL						100.66

8

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4476.319	28.902	0.9923	18.55	39.68
	MG	4775.988	25.701	0.8681	26.28	43.58
	FE	460.424	5.233	1.5141	13.32	17.14
	CA	9.567	8.033	0.0011	0.01	0.02
4ELOL						100.41

X

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4429.157	31.935	0.9811	18.37	39.29
	MG	4770.077	26.602	0.8669	26.42	43.81
	FE	481.664	5.000	1.5855	13.94	17.93
	CA	8.067	7.633	0.0003	0.00	0.01
4ELOL						101.04

9

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4459.829	31.202	0.9881	18.48	39.53
	MG	4775.411	25.168	0.8681	26.33	43.66
	FE	466.468	5.100	1.5347	13.50	17.36
	CA	9.500	7.800	0.0012	0.02	0.02
4ELOL						100.58

10

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4407.072	30.569	0.9765	18.28	39.11
	MG	4777.144	25.235	0.8684	26.35	43.70
	FE	466.501	5.367	1.5339	13.49	17.35
	CA	8.500	8.167	0.0002	0.00	0.00
4ELOL						100.17

11

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4437.842	30.169	0.9834	18.41	39.38
	MG	4790.666	27.568	0.8704	26.44	43.85
	FE	471.778	5.267	1.5518	13.65	17.55
	CA	7.967	7.467	0.0004	0.00	0.01
4ELOL						100.78

X

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4330.349	29.202	0.9596	17.93	38.35
	MG	4457.623	24.535	0.8101	25.03	41.51
	FE	504.375	4.900	1.6614	14.58	18.76
	CA	8.900	8.400	0.0004	0.00	0.01
4ELOL						98.63

12

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
	SI	4431.023	29.868	0.9820	18.38	39.31
	MG	4774.528	25.268	0.8679	26.34	43.67
	FE	466.869	5.300	1.5353	13.50	17.37
	CA	9.634	8.200	0.0010	0.01	0.02
4ELOL						100.27

4E L O L

13

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4347.747	29.902	0.9634	18.01	38.53
MG	4468.956	23.768	0.8124	25.28	41.92
FE	531.832	5.033	1.7523	15.37	19.77
CA	9.667	8.300	0.0010	0.01	0.02

					100.24

4E L O L

14

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4315.970	29.635	0.9563	17.93	38.36
MG	4766.714	26.501	0.8663	26.30	43.61
FE	464.464	6.000	1.5250	13.41	17.25
CA	9.934	7.200	0.0019	0.03	0.04

					99.26

4E L O L

15

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4424.068	30.735	0.9802	18.33	39.21
MG	4731.861	25.601	0.8601	26.08	43.25
FE	461.459	5.167	1.5178	13.35	17.17
CA	9.500	6.967	0.0018	0.02	0.03

					99.67

4E L O L

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4474.826	29.068	0.9919	18.55	39.69
MG	4778.604	25.068	0.8687	26.42	43.80
FE	475.619	4.767	1.5662	13.77	17.72
CA	9.800	7.767	0.0014	0.02	0.03

					101.23

4E L O L

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	6737.138	34.469	1.4955	26.06	55.75
MG	3551.820	22.334	0.6450	18.64	30.91
FE	296.776	4.367	0.9726	8.62	11.09
CA	50.738	8.200	0.0300	0.40	0.56

					98.31

4E L O L

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	6787.438	35.736	1.5064	26.23	56.11
MG	3549.757	22.734	0.6446	18.61	30.87
FE	295.875	4.967	0.9677	8.58	11.04
CA	53.539	7.467	0.0324	0.43	0.60

					98.62

4E L O L

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4469.261	30.569	0.9903	18.53	39.63
MG	4793.859	25.935	0.8713	26.47	43.90
FE	474.283	5.733	1.5585	13.70	17.63
CA	10.434	8.000	0.0017	0.02	0.03

					101.20

4E L O L

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
SI	4484.429	31.269	0.9936	18.57	39.73
MG	4759.444	25.868	0.8651	26.30	43.61
FE	475.051	5.733	1.5611	13.73	17.66
CA	9.667	7.333	0.0016	0.02	0.03

101.20

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
X	SI	4484.429	31.269	0.9936	18.57	39.73
	MG	4759.444	25.868	0.8651	26.30	43.61
	FE	475.051	5.733	1.5611	13.73	17.66
	CA	9.667	7.333	0.0016	0.02	0.03

101.03

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
16	SI	4448.462	29.902	0.9858	18.45	39.46
	MG	4776.940	26.168	0.8682	26.37	43.73
	FE	471.077	4.933	1.5505	13.63	17.54
	CA	9.534	7.900	0.0012	0.02	0.02

100.75

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
17	SI	4436.485	32.069	0.9827	18.38	39.33
	MG	4756.489	24.101	0.8648	26.26	43.54
	FE	467.437	5.133	1.5378	13.52	17.40
	CA	9.734	7.367	0.0017	0.02	0.03

100.29

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
X	SI	4475.064	30.769	0.9916	18.55	39.69
	MG	4798.479	24.335	0.8725	26.52	43.98
	FE	476.220	5.467	1.5659	13.77	17.71
	CA	9.434	8.133	0.0009	0.01	0.02

101.39

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
18	SI	4485.990	30.435	0.9941	18.58	39.75
	MG	4793.791	25.935	0.8713	26.32	43.64
	FE	453.511	4.700	1.4929	13.14	16.90
	CA	9.200	7.733	0.0010	0.01	0.02

100.31

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
X	SI	4449.276	32.502	0.9854	18.45	39.47
	MG	4796.271	25.168	0.8719	26.58	44.07
	FE	484.302	4.700	1.5953	14.02	18.04
	CA	10.067	6.933	0.0022	0.03	0.04

101.63

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
19	SI	4454.196	31.902	0.9867	18.46	39.48
	MG	4798.479	26.401	0.8721	26.38	43.74
	FE	457.451	5.067	1.5048	13.24	17.03
	CA	9.734	8.167	0.0011	0.01	0.02

100.27

4ELOL

	E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
20	SI	4357.345	30.069	0.9655	18.00	38.51
	MG	4318.276	24.335	0.7847	24.51	40.64