

VERIFY OFFSETS

Spectrometer: 1 Crystal: TAP Peak Position: 27737
 Spectrometer: 2 Crystal: PET Peak Position: 38387
 Spectrometer: 3 Crystal: LIF Peak Position: 48083

Spectrometer: 1 peak found at: 27637
 Previously at: 27634 Difference: 3
 Spectrometer: 2 peak found at: 38320
 Previously at: 38334 Difference: -13
 Spectrometer: 3 peak found at: 48120
 Previously at: 48126 Difference: -7

VERIFY OFFSETS

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Spectrometer: 1 peak found at: 27634
 Previously at: 27637 Difference: -3
 Spectrometer: 2 peak found at: 38324
 Previously at: 38320 Difference: 3
 Spectrometer: 3 peak found at: 48120
 Previously at: 48120 Difference: -0

CALIBRATION

Spec.	Element	Position	Peak Counts	Std. Devn.	Background
1	mg	38366	2960	0.39 %	23
3	fe	48130	465	1.48 %	5

CALIBRATION

Spec.	Element	Position	Peak Counts	Std. Devn.	Background
1	mg	38366	2929	0.58 %	23
3	fe	48130	462	1.08 %	5

CALIBRATION

Spec.	Element	Position	Peak Counts	Std. Devn.	Background
1	si	27634	6153	0.29 %	32
2	ca	38324	1253	0.42 %	9

CALIBRATION

Spec.	Element	Position	Peak Counts	Std. Devn.	Background
1	si	27624	6109	0.28 %	34

4ELPX MAY DAY PYROXENES

X

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	4796.747	26.535	1.6416	27.01	44.78
si	4428.173	29.568	0.7240	18.89	40.42
ca	8.533	7.333	0.0010	0.01	0.02
fe	526.220	4.900	1.1418	13.58	17.46

					102.68

4ELPX

16

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3576.163	20.768	1.2235	19.23	31.89
si	6548.114	33.669	1.0723	26.16	55.97
ca	47.938	7.633	0.0324	0.37	0.51
fe	334.323	4.633	0.7221	8.65	11.13

					99.50

4ELPX

17

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3577.042	23.001	1.2230	19.22	31.87
si	6571.550	34.136	1.0761	26.24	56.13
ca	56.740	6.467	0.0404	0.46	0.64
fe	334.323	5.700	0.7198	8.63	11.10

					99.74

4ELPX

18

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3420.406	22.101	1.1694	18.64	30.91
si	6569.668	35.169	1.0756	26.20	56.04
ca	46.004	7.233	0.0312	0.35	0.49
fe	377.418	5.600	0.8144	9.74	12.53

					99.98

4ELPX

19

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3450.211	21.701	1.1798	18.56	30.78
si	6573.261	36.069	1.0761	26.13	55.91
ca	111.592	7.733	0.0834	0.95	1.33
fe	327.781	5.667	0.7055	8.46	10.88

					98.89

4ELPX

19

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3390.942	23.101	1.1590	18.24	30.24
si	6614.049	36.703	1.0827	26.22	56.09
ca	151.279	7.100	0.1158	1.32	1.84
fe	322.074	4.500	0.6955	8.34	10.73

					98.90

4ELPX

20

E1	Peak	B.G.	Ix/Istd	Wt% E1	Wt% Ox
mg	3212.104	22.034	1.0978	17.77	29.46
si	6515.888	34.036	1.0669	25.92	55.45
ca	77.279	7.133	0.0564	0.64	0.89
fe	416.380	5.100	0.9008	10.76	13.84

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	fe	416.380	5.100	0.9008	10.76	13.84
						99.65

X

10

11

12

ET	Peak	B.G.	Ix/Istd	Wt% ET	Wt% OX
mg	3212.104	22.034	1.0978	17.77	29.46
st	6515.888	34.035	1.0559	25.92	55.45
oz	77.279	7.433	0.0564	0.64	0.89
fe	416.380	5.100	0.9008	10.76	13.84
					<u>99.65</u>