

YOUR ANALYSIS LABEL: 041995

19-APR-95 07:10:31

DATA SET :

ELT.	IMP	KCAL	POS.	SI	IS	PK-MG	SIGMA C.	MIN %	MGU.	MEAN
				OFFSEI	SLOPE	C/S/nA	S	ACCUR.		
FE	2	LIF	48091.	450	0.00	19.24	0.8	30	0.1	29.7
ME	3	IMP	38514.	1000	0.00	70.75	0.4	30	0.1	29.7
SI	3	IMP	27745.	650	0.00	246.20	0.3	30	0.1	29.6
CA	1	PET	38372.	760	0.00	41.31	0.5	30	0.1	29.7

POINT # : 1

Label: KAER
 X=33471, Y=35368, Z= 2514.

30 30 30 30

BLUFF #1

Me 173

ELT.	PEAK	PEAK	BACKGR.	I.X./I.STD.	K.RATIO	SIG X	MEAN
			(C/S)	(C/S)			
							29.6
ME	38514.	2100.99	24.90	0.99025	0.04363	0.6	
CA	38372.	1235.51	16.00	0.99623	0.06272	0.7	
FE	48091.	571.05	10.60	0.99818	0.07495	1.1	
SI	27745.	7306.19	65.41	0.99017	0.13634	0.3	

ELEMENT	I.X./I.STD.	WT. %	NORMALIZED	WT. %	1 SIGMA
		CONCEN.	ATOM. CON.	CONCEN.	ERROR
FE :	0.9992	9.247	2.0829	FE0	11.096
ME :	0.9901	7.205	3.7279	ME0	11.946
SI :	0.9922	17.850	7.9950	SI02	38.187
CA :	0.9962	7.007	2.1993	CA0	9.806
O		30.524	24.0000		

TOTAL : 71.634
 ITERATION : 3

POINT # : 2

Label: KAER
 X=20463, Y=35461, Z= 2507.

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ELT.	PEAK	PEAK	BACKGR.	I.X./I.STD.	K.RATIO	SIG X	MEAN
			(C/S)	(C/S)			
							29.6
FE	48091.	578.10	6.60	0.99940	0.07619	1.1	
ME	38514.	2106.00	25.70	0.99257	0.04373	0.6	
CA	38372.	1234.47	14.36	0.99672	0.06276	0.7	
SI	27745.	7335.63	54.71	0.99617	0.13890	0.3	

ELEMENT	I.X./I.STD.	WT. %	NORMALIZED	WT. %	1 SIGMA
		CONCEN.	ATOM. CON.	CONCEN.	ERROR
FE :	0.9995	9.398	2.1076	FE0	12.090
ME :	0.9926	7.332	3.7304	ME0	11.975
SI :	0.9962	17.920	7.9907	SI02	38.235
CA :	0.9967	7.011	2.1907	CA0	9.809
O		30.559	24.0000		

TOTAL : 72.210

FE	1.8809	17.325	29240	FE	27.289	0.217
MG	3.3650	23.511	9.1146	MG	28.983	0.177
SI	0.9163	17.796	5.9731	SI	28.071	0.119
CA	0.0105	0.073	0.0173	CA	0.103	0.010
O		40.740	24.0000			

TOTAL : 99.447 99.447
 ITERATION : 0

POINT # : 8

Label: BLUFF ME173
 X= 9957. Y=26924. Z= 2581.

30 30 30 30

ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (L/S)	I.X./I.STD.	R.RATIO	SIG X	SEAN
							29.6
MG	38514.	7390.58	41.90	3.5136	0.3563	0.5	
FE	48091.	1018.04	11.50	1.76803	0.1347	1.0	
CA	38372.	28.97	13.45	0.0127	0.0008	0.2	
SI	27745.	6809.66	65.90	0.9253	0.1290	0.3	

ELEMENT	I.X./I.STD.	WT. X CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. X CONCEN.	1 SIGMA ERROR
FE	1.7680	16.247	2.7071	FE	20.901	0.201
MG	3.5136	24.480	4.3696	MG	40.589	0.183
SI	0.9253	17.963	5.9514	SI	38.427	0.120
CA	0.0127	0.088	0.0205	CA	0.134	0.010
O		41.263	24.0000			

TOTAL : 100.041 100.041
 ITERATION : 0

POINT # : 7

Label: BLUFF ME173
 X=10546. Y=26821. Z= 2387.

30 30 30 30

ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (L/S)	I.X./I.STD.	R.RATIO	SIG X	SEAN
							29.6
FE	48091.	1101.29	11.80	1.9143	0.14573	0.9	
MG	38514.	7137.33	38.98	3.39116	0.14942	0.5	
CA	38372.	23.50	14.75	0.00722	0.00046	0.6	
SI	27745.	6773.77	70.91	0.92001	0.12328	0.3	

ELEMENT	I.X./I.STD.	WT. X CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. X CONCEN.	1 SIGMA ERROR
FE	1.9143	17.553	3.9445	FE	27.591	0.214
MG	3.3912	23.682	3.1256	MG	39.366	0.178
SI	0.9200	17.965	5.9591	SI	38.218	0.120
CA	0.0072	0.050	0.0118	CA	0.070	0.010
O		40.986	24.0000			

TOTAL : 100.125 100.125
 ITERATION : 0

POINT # : 8

Label: BLUFF ME173
 X=11188. Y=27402. Z= 2598.

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FE	40091.	1083.39	10.90	1.88344	0.14257	0.7
MG	38514.	7150.17	42.40	3.99357	0.14852	0.2
CA	38372.	23.53	14.52	0.00727	0.00046	13.5
SI	27745.	1855.75	64.11	0.91971	0.12799	0.3

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.8834	17.378	2.9863	FE0	27.339	0.231
MG :	3.9935	23.697	9.1558	MG0	39.293	0.178
SI :	0.9197	17.825	5.9624	SI02	38.135	0.120
CA :	0.0074	0.051	0.0130	CA0	0.072	0.018
O		40.879	24.0000			
TOTAL :		99.726			99.726	
ITERATION :		0				

POINT # : 9
 Label: BLUFF ME179
 X=11925. Y=27277. Z= 2394.
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ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (C/S)	I.X./I.STD.	K.RATIO	STD Z	MEAN
							29.6
FE	40091.	652.80	9.40	1.12252	0.08633	1.1	
MG	38514.	5511.05	37.00	2.61537	0.11523	0.5	
CA	38372.	126.30	13.00	0.09272	0.00024	2.1	
SI	27745.	10355.11	81.01	1.41027	0.19664	0.3	

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.1225	10.599	1.5263	FE0	19.544	0.143
MG :	2.6153	17.529	5.2200	MG0	29.059	0.137
SI :	1.4103	25.866	9.0054	SI02	25.963	0.158
CA :	0.0927	0.653	0.1410	CA0	0.916	0.020
O		44.510	24.0000			
TOTAL :		99.289			99.289	
ITERATION :		4				

POINT # : 10
 Label: BLUFF ME179
 X=12102. Y=26412. Z= 2600.
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ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (C/S)	I.X./I.STD.	K.RATIO	STD Z	MEAN
							29.6
MG	38514.	7153.67	40.80	3.39383	0.14918	0.5	
FE	40091.	1089.77	11.70	1.89950	0.14450	0.9	
CA	38372.	21.50	14.33	0.03577	0.00026	16.3	
SI	27745.	5775.00	64.71	0.92171	0.12852	0.3	

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.8995	17.385	2.9161	FE0	23.365	0.212
MG :	3.3938	23.657	7.1214	MG0	39.225	0.178
SI :	0.9217	17.904	5.9725	SI02	38.301	0.130
CA :	0.0358	0.040	0.0094	CA0	0.056	0.009
O		40.962	24.0000			

ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (C/S)	I.X./I.STD.	K.FACTOR	SIG Z	SCAN
							29.6
MG	38514.	7156.35	41.60	3.40260	0.14992	0.5	
FE	48091.	1094.83	12.20	1.90446	0.14518	0.9	
CA	38372.	24.97	14.93	0.00822	0.00052	11.9	
SI	27745.	6769.73	67.61	0.92089	0.12841	0.3	

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.9045	17.461	2.3297	FE0	23.454	0.213
MG :	3.4026	33.702	9.1470	MG0	39.432	0.179
SI :	0.9209	17.895	5.9580	SI02	58.193	0.120
CA :	0.0082	0.057	0.0133	CA0	0.080	0.224
O		41.063	24.0000			
TOTAL :		100.239			100.239	
ITERATION :		0				

POINT # : 17
 Label: BUUFF M2173
 X= 5675. Y=27932. Z= 25821

ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (C/S)	I.X./I.STD.	K.FACTOR	SIG Z	SCAN
							29.6
MG	38514.	5478.11	35.40	2.60164	0.11456	0.5	
CA	38372.	194.70	15.70	0.09748	0.00614	2.1	
FE	48091.	666.35	9.40	1.15564	0.08909	1.1	
SI	27745.	10310.07	75.21	1.40628	0.19609	0.3	

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.1556	10.729	1.6606	FE0	13.876	0.146
MG :	2.6016	17.457	6.2047	MG0	23.961	0.196
SI :	1.4063	23.995	7.9932	SI02	55.611	0.157
CA :	0.0975	0.568	0.1483	CA0	0.953	0.021
O		44.461	24.0000			
TOTAL :		99.350			99.350	
ITERATION :		1				

POINT # : 18
 Label:
 X= 8898. Y=27462. Z= 2590.

ELT.	PEAK POS.	PEAK (C/S)	BACKGR. (C/S)	I.X./I.STD.	K.FACTOR	SIG Z	SCAN
							29.6
MG	38514.	5561.31	40.40	2.64135	0.11629	0.5	
CA	38372.	132.13	14.20	0.09655	0.00609	2.1	
FE	48091.	669.43	7.60	1.16476	0.08979	1.1	
SI	27745.	10300.39	91.31	1.40895	0.19645	0.3	

ELEMENT	I.X./I.STD.	WT. % CONCEN.	NORMALIZED ATOM. CON.	COMPOUND	WT. % CONCEN.	1 SIGMA ERROR
FE :	1.1648	10.822	1.6645	FE0	13.922	0.146
MG :	2.6415	17.723	6.2615	MG0	23.385	0.196
SI :	1.4089	26.040	7.9538	SI02	55.905	0.153
O		44.440	24.0000			

