P;*

SUMMARY OF RESULTS IN % CORRECTED FOR BLANK AND BIAS SET 78 ANALYST S.F.RALPH

SAMPLE NUMBER	REF NO	SIO2	AL2O3	FE2O3 TOTAL	MGO	CAO	NA2O	K2O	TIO2	MNO	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
SAMPLE 20838	1	63.13	16.13	5.95	0.15	0.44	6.223	0.883	0.840	<0.031	0.91	0.31	0.15	0.25	4.76	0.39	5.51	100.12
SAMPLE 20839	2	57.20	23.05	4.56	0.49	0.40	0.566	5.208	1.209	1.035	3.06	0.74	0.45	0.18	1.83	1.39	2.81	99.57
SAMPLE 20840	3	55.30	20.00	7.92	1.53	0.43	1.084	3.235	1.082	0.098	3.53	0.91	0.15	0.22	4.76	1.73	5.99	100.06
SAMPLE 20841	4	65.49	20.10	5.45	0.90	0.22	0.293	2.375	1.232	0.175	3.03	0.33	0.15	0.14	0.04	4.54	0.40	99.42
SAMPLE 20842	5	62.34	20.12	1.88	1.13	1.29	6.684	0.731	1.509	0.082	1.73	0.57	0.29	0.46	1.06	0.56	1.26	99.80
SAMPLE 20843	6	52.40	20.19	9.12	1.66	1.19	1.774	3.498	1.081	0.163	3.68	0.86	0.15	0.93	4.30	3.53	5.20	100.59
SAMPLE BLANK	7	< 0.42	< 0.04	< 0.05	< 0.02	< 0.02	<0.007	<0.012	<0.013	<0.031	0.	0.	0.	0.	0.	0.	0.	0.61
SAMPLE 20844	8	63.00	19.25	7.77	1.51	0.42	0.382	1.870	1.032	0.096	3.53	0.43	0.29	0.14	0.17	6.05	1.05	99.23
SAMPLE 20845	9	61.93	19.18	5.42	1.04	0.40	0.149	5.307	1.105	0.091	2.22	0.92	0.15	0.30	0.70	2.96	2.13	98.58
SAMPLE SY-2	10	59.66	12.10	6.26	2.65	7.99	4.309	4.544	0.158	0.321	0.46	0.23	0.46	0.44	0.01	3.54	2.33	99.19
SAMPLE 20846	11	60.76	19.59	5.10	0.39	0.27	0.227	4.038	1.052	<0.031	3.17	0.41	0.44	0.11	1.94	2.22	2.63	97.28
SAMPLE 20847	12	64.26	17.33	5.62	0.48	0.24	0.134	5.254	1.067	<0.031	2.19	0.17	0.15	0.18	4.15	1.09	4.40	101.13
SAMPLE 20848	13	56.16	19.68	8.06	1.20	0.40	0.640	4.945	0.911	0.043	2.99	0.51	0.29	0.16	4.03	3.26	4.44	99.64
SAMPLE 22260	14	45.75	15.24	12.29	8.19	9.65	2.733	0.356	2.081	0.205	3.76	0.	0.33	0.18	0.07	4.20	7.62	100.37
SAMPLE 22261	15	84.88	5.51	1.57	1.00	2.06	0.025	0.791	0.177	0.110	0.94	0.	1.47	0.92	0.01	1.30	0.13	99.32
SAMPLE 22262	16	50.35	13.80	9.27	6.30	9.92	2.635	0.127	1.810	0.155	3.34	0.	1.76	0.32	0.01	7.05	1.43	99.00
SAMPLE SY-2	17	59.87	12.06	6.25	2.68	7.93	4.351	4.592	0.143	0.325	0.46	0.23	0.46	0.44	0.01	3.54	2.31	99.41
SAMPLE BLANK	18	< 0.42	< 0.04	< 0.05	< 0.02	< 0.02	<0.007	<0.012	<0.013	<0.031	0.	0.	0.	0.	0.	0.	0.	0.61
RELATIVE STANDARD DEVIATION %																		
INITIAL FLAME	=	3.836	7.561	2.721	3.254	*****	2.428	1.638	9.879	3.649								
FINAL FLAME	=	1.575	0.653	1.233	0.681	1.838	1.334	0.804	5.786	*****								
ABOUT LINE	=	0.697	0.839	0.734	0.404	0.802	0.494	0.349	*****	1.363								
LIMIT DETECTION	=	0.421	0.037	0.051	0.017	0.024	0.007	0.012	0.013	0.031								
POLYNOMIAL ORDER																		
DRIFT	=	3	7	3	4	3	2	3	4	2								
CALIBRATION	=	3	3	5	4	3	3	3	2	2								
RELATIVE STANDARD DEVIATION ON STANDARD SY-2																		
BETWEEN SAMPLES	=	<0.879	<1.586	<2.856	0.742	<4.907	<2.704	<1.817	<*****	<1.789								
MEASUREMENT																		
OBTAINED	=	0.194	0.350	0.630	0.109	1.082	0.596	0.401	9.613	0.395								
EXPECTED	=	1.035	0.482	0.825	0.446	1.122	0.923	0.641	5.468	9.257								
MEAN ON SY-2	=	59.76	12.08	6.25	2.67	7.96	4.328	4.567	0.151	0.323								
ACCEPTED MEAN	=	59.76	12.08	6.26	2.68	7.96	4.33	4.49	0.15	0.32								

SUMMARY OF STANDARD DEVIATION OF RESULTS

SAMPLE NUMBER	REF NO	SIO2	AL2O3	FE2O3 TOTAL	MGO	CAO	NA2O	K2O	TIO2	MNO	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
SAMPLE 20838	1	0.685	0.098	0.059	0.005	0.010	0.077	0.008	0.033	0.014								0.700
SAMPLE 20839	2	0.619	0.375	0.045	0.005	0.010	0.007	0.042	0.048	0.013								0.728
SAMPLE 20840	3	0.596	0.150	0.076	0.010	0.010	0.011	0.021	0.043	0.016								0.622
SAMPLE 20841	4	0.713	0.155	0.055	0.007	0.008	0.005	0.016	0.049	0.020								0.734
SAMPLE 20842	5	0.673	0.145	0.034	0.008	0.019	0.084	0.007	0.060	0.016								0.697
SAMPLE 20843	6	0.567	0.151	0.086	0.010	0.018	0.017	0.023	0.042	0.020								0.596
SAMPLE BLANK	7	0.206	0.020	0.029	0.006	0.008	0.004	0.007	0.007	0.015								0.210
SAMPLE 20844	8	0.682	0.130	0.075	0.009	0.010	0.005	0.013	0.041	0.017								0.702
SAMPLE 20845	9	0.670	0.137	0.054	0.007	0.009	0.004	0.041	0.044	0.016								0.689
SAMPLE SY-2	10	0.643	0.066	0.062	0.015	0.097	0.043	0.031	0.009	0.031								0.660
SAMPLE 20846	11	0.658	0.151	0.051	0.005	0.008	0.004	0.027	0.042	0.014								0.679
SAMPLE 20847	12	0.701	0.114	0.056	0.005	0.008	0.004	0.041	0.042	0.014								0.715
SAMPLE 20848	13	0.606	0.139	0.077	0.008	0.010	0.008	0.035	0.036	0.015								0.629
SAMPLE 22260	14	0.503	0.087	0.115	0.044	0.116	0.026	0.006	0.082	0.023								0.545
SAMPLE 22261	15	1.006	0.034	0.032	0.007	0.028	0.003	0.008	0.009	0.017								1.008
SAMPLE 22262	16	0.548	0.076	0.087	0.032	0.120	0.025	0.006	0.072	0.019								0.579
SAMPLE SY-2	17	0.645	0.065	0.062	0.015	0.096	0.043	0.032	0.008	0.031								0.662
SAMPLE BLANK	18	0.207	0.020	0.029	0.006	0.008	0.004	0.007	0.007	0.015								0.211

end of file - request executed 60 times

-D

22260 - Chu Chua CC12 19.5 — Basalt
22261 - " " " 223.6 — "chert"
22262 - " " " 230.5 — Basalt

* not yet plotted Nov 4/80

896173
Chu-chua

P. 1

SUMMARY OF RESULTS IN % CORRECTED FOR BLANK AND BIAS SET 74 ANALYST CHAUDHRY

	SAMPLE NUMBER	REF NO	SIO2 1	AL2O3 2	FE2O3 TOTAL 3	MGO 4	CAO 5	NA2O 6	K2O 7	TIO2 8	MNO 9	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
CC 14-20	SAMPLE 22369	1	47.58	15.61	11.58	6.38	11.65	1.936	0.158	1.945	0.180	0.	0.	0.	0.	0.	0.	0.	97.03
-49	SAMPLE 22370	2	47.28	15.55	11.68	6.67	11.17	2.185	0.079	1.955	0.190	0.	0.	0.	0.	0.	0.	0.	96.76
74.5	SAMPLE 22371	3	49.97	14.69	10.57	6.25	10.21	3.445	0.101	1.889	0.182	0.	0.	0.	0.	0.	0.	0.	97.31
3 CC 4-150 100	SAMPLE 22374	4	48.18	14.78	10.98	6.64	10.64	3.130	0.053	1.794	0.192	0.	0.	0.	0.	0.	0.	0.	96.40
1 100	SAMPLE 22372	5	50.78	14.27	10.04	6.06	9.06	3.668	0.075	1.782	0.193	0.	0.	0.	0.	0.	0.	0.	95.92
4 125	SAMPLE 22373	6	47.66	15.58	11.51	7.24	10.41	2.638	0.138	1.927	0.198	0.	0.	0.	0.	0.	0.	0.	97.30
	SAMPLE BLANK	7	<0.13	<0.06	<0.03	<0.02	<0.02	<0.030	<0.013	<0.054	<0.007	0.	0.	0.	0.	0.	0.	0.	0.37
173.5	SAMPLE 22375	8	46.15	14.46	10.66	8.24	6.30	1.365	1.063	1.697	0.170	0.	0.	0.	0.	0.	0.	0.	89.44
193.5	SAMPLE 22376	9	58.26	5.38	17.67	5.89	0.91	<0.030	0.025	0.279	0.044	0.	0.	0.	0.	0.	0.	0.	88.48
	SAMPLE SY-2	10	59.65	12.14	6.23	2.64	7.96	4.259	4.445	0.150	0.326	0.46	0.23	0.46	0.44	0.01	3.54	2.30	99.02
R03.5	SAMPLE 22377	11	43.16	13.90	10.23	6.98	8.11	0.110	1.472	1.728	0.173	0.	0.	0.	0.	0.	0.	0.	85.87
215	SAMPLE 22378	12	44.54	13.19	10.46	6.43	9.45	1.680	0.662	1.685	0.194	0.	0.	0.	0.	0.	0.	0.	88.29
225	SAMPLE 22379	13	45.21	13.49	10.77	7.14	8.33	1.918	0.568	1.675	0.253	0.	0.	0.	0.	0.	0.	0.	89.36
CC 25 10.5	SAMPLE 22381	14	47.57	15.17	11.23	6.63	11.90	2.539	0.049	1.809	0.198	0.	0.	0.	0.	0.	0.	0.	97.09
34.5	SAMPLE 22382	15	45.36	13.88	10.28	5.69	10.04	2.819	0.047	1.678	0.169	0.	0.	0.	0.	0.	0.	0.	89.95
75	SAMPLE 22383	16	49.36	14.60	11.25	6.38	9.50	3.811	0.074	1.797	0.190	0.	0.	0.	0.	0.	0.	0.	96.98
95	SAMPLE 22384	17	42.16	14.43	10.49	6.30	7.64	0.348	1.759	1.613	0.141	0.	0.	0.	0.	0.	0.	0.	84.88
	SAMPLE BLANK	18	<0.13	<0.06	<0.03	<0.02	<0.02	<0.030	<0.013	<0.054	<0.007	0.	0.	0.	0.	0.	0.	0.	0.37
186.5	SAMPLE 22385	19	60.51	0.62	3.92	29.08	0.04	0.072	<0.013	0.065	<0.007	0.	0.	0.	0.	0.	0.	0.	94.32
143.5	SAMPLE 22386	20	45.09	13.60	10.43	6.33	7.12	0.243	1.252	1.672	0.159	0.	0.	0.	0.	0.	0.	0.	85.90
153.5	SAMPLE 22387	21	49.67	14.17	10.76	5.49	10.69	2.949	0.034	1.641	0.179	0.	0.	0.	0.	0.	0.	0.	95.58
	SAMPLE SY-2	22	59.88	12.22	6.16	2.64	7.98	4.284	4.518	0.153	0.324	0.46	0.23	0.46	0.44	0.01	3.54	2.23	99.36
CC 26 8.5	SAMPLE 22389	23	46.93	15.56	11.76	7.24	9.68	2.936	0.109	1.952	0.205	0.	0.	0.	0.	0.	0.	0.	96.38
27.4	SAMPLE 22390	24	47.23	15.32	11.94	7.05	7.39	3.302	0.417	1.828	0.212	0.	0.	0.	0.	0.	0.	0.	94.78
30.5	SAMPLE 22391	25	47.02	14.40	10.16	6.62	4.99	0.394	1.664	1.803	0.178	0.	0.	0.	0.	0.	0.	0.	87.23
CC 11 9.3	SAMPLE 22393	26	42.37	15.02	12.08	6.90	6.93	2.865	0.412	1.876	0.190	0.	0.	0.	0.	0.	0.	0.	88.66
28.5	SAMPLE 22394	27	43.78	13.51	9.27	5.62	7.55	0.203	2.228	1.652	0.155	0.	0.	0.	0.	0.	0.	0.	83.97
52.5	SAMPLE 22395	28	43.18	13.12	10.14	6.39	4.69	0.089	1.681	1.656	0.152	0.	0.	0.	0.	0.	0.	0.	80.51
CC 1 10	SAMPLE 22396	29	47.48	15.98	11.42	6.64	9.72	2.653	0.556	1.926	0.191	0.	0.	0.	0.	0.	0.	0.	96.56
	SAMPLE BLANK	30	<0.13	<0.06	<0.03	<0.02	<0.02	<0.030	<0.013	<0.054	<0.007	0.	0.	0.	0.	0.	0.	0.	0.37
25	SAMPLE 22397	31	46.61	15.64	12.19	7.22	9.27	3.361	0.147	1.900	0.206	0.	0.	0.	0.	0.	0.	0.	96.54
40	SAMPLE 22398	32	46.67	15.50	11.13	6.70	10.94	2.200	0.423	1.906	0.196	0.	0.	0.	0.	0.	0.	0.	95.86
50.5	SAMPLE 22399	33	47.89	14.95	11.00	6.30	11.91	1.625	0.133	1.893	0.192	0.	0.	0.	0.	0.	0.	0.	95.89
	SAMPLE SY-2	34	60.35	11.87	6.24	2.67	7.91	4.304	4.481	0.170	0.328	0.46	0.23	0.46	0.44	0.01	3.54	2.31	99.53
91.5	SAMPLE 22401	35	71.69	8.91	4.66	2.92	0.59	<0.030	0.056	0.483	0.046	0.	0.	0.	0.	0.	0.	0.	89.38
99.9	SAMPLE 22402	36	86.00	3.84	4.15	2.46	0.07	<0.030	0.053	0.129	0.008	0.	0.	0.	0.	0.	0.	0.	96.74
	RELATIVE STANDARD DEVIATION %																		
	INITIAL FLAME	=	0.853	2.233	1.163	0.679	1.029	1.552	1.339	2.871	2.958								
	FINAL FLAME	=	0.468	1.246	0.629	0.622	0.931	1.262	1.184	3.435	3.473								
	ABOUT LINE	=	0.315	0.985	0.327	0.352	0.334	0.411	0.430	4.591	0.979								
	LIMIT DETECTION	=	0.130	0.060	0.032	0.018	0.024	0.030	0.013	0.054	0.007								
	POLYNOMIAL ORDER																		
	DRIFT	=	8	7	9	8	8	2	6	3	1								
	CALIBRATION	=	4	3	4	5	5	3	3	2	2								
	RELATIVE STANDARD DEVIATION ON STANDARD SY-2																		
	BETWEEN SAMPLES	=<0.685	1.416	0.697	<0.832	<1.423	<0.881	<0.983	<*****	<2.069									
	MEASUREMENT																		
	OBTAINED	=	0.337	0.621	0.191	0.409	0.699	0.433	0.483	7.347	1.017								
	EXPECTED	=	0.507	0.832	0.598	0.453	0.581	1.068	0.951	*****	2.279								
	MEAN ON SY-2	=	59.96	12.08	6.21	2.65	7.95	4.282	4.481	0.157	0.326								
	ACCEPTED MEAN	=	59.76	12.08	6.26	2.68	7.96	4.33	4.49	0.15	0.32								

CaO

Na2O + K2O

SUMMARY OF STANDARD DEVIATION OF RESULTS

SAMPLE NUMBER	REF NO	SIO2	AL2O3	FE2O3 TOTAL	MGO	CAO	NA2O	K2O	TIO2	MNO	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
SAMPLE 22369	1	0.241	0.141	0.080	0.032	0.074	0.024	0.007	0.049	0.005								0.306
SAMPLE 22370	2	0.239	0.140	0.081	0.033	0.071	0.026	0.007	0.049	0.005								0.304
SAMPLE 22371	3	0.257	0.132	0.071	0.031	0.065	0.038	0.007	0.048	0.005								0.312

where is 22380?
22388?
22392

22400?

SAMPLE 22374	4	0.247	0.133	0.075	0.033	0.068	0.034	0.007	0.046	0.005	0.305
SAMPLE 22372	5	0.266	0.128	0.067	0.030	0.058	0.040	0.007	0.045	0.005	0.315
SAMPLE 22373	6	0.242	0.141	0.080	0.037	0.066	0.030	0.007	0.048	0.005	0.306
SAMPLE BLANK	7	0.066	0.030	0.016	0.006	0.007	0.015	0.007	0.025	0.003	0.080
SAMPLE 22375	8	0.225	0.130	0.075	0.043	0.040	0.019	0.011	0.044	0.005	0.281
SAMPLE 22376	9	0.317	0.054	0.133	0.029	0.010	0.015	0.007	0.026	0.004	0.351
SAMPLE SY-2	10	0.328	0.108	0.040	0.014	0.051	0.047	0.044	0.025	0.008	0.358
SAMPLE 22377	11	0.213	0.124	0.068	0.035	0.052	0.015	0.014	0.045	0.005	0.268
SAMPLE 22378	12	0.221	0.117	0.070	0.032	0.060	0.022	0.009	0.044	0.005	0.274
SAMPLE 22379	13	0.227	0.120	0.074	0.036	0.053	0.023	0.008	0.043	0.006	0.279
SAMPLE 22381	14	0.240	0.136	0.077	0.033	0.076	0.029	0.007	0.046	0.005	0.304
SAMPLE 22382	15	0.228	0.124	0.069	0.028	0.064	0.031	0.007	0.043	0.005	0.282
SAMPLE 22383	16	0.254	0.131	0.078	0.032	0.061	0.042	0.007	0.046	0.005	0.310
SAMPLE 22384	17	0.206	0.129	0.070	0.031	0.049	0.015	0.016	0.043	0.004	0.264
SAMPLE BLANK	18	0.066	0.030	0.016	0.006	0.007	0.015	0.007	0.025	0.003	0.080
SAMPLE 22385	19	0.297	0.043	0.033	0.307	0.010	0.021	0.010	0.036	0.005	0.432
SAMPLE 22386	20	0.224	0.121	0.070	0.031	0.046	0.015	0.012	0.044	0.005	0.274
SAMPLE 22387	21	0.250	0.126	0.072	0.026	0.068	0.033	0.007	0.044	0.005	0.303
SAMPLE SY-2	22	0.338	0.109	0.040	0.014	0.051	0.048	0.046	0.024	0.007	0.368
SAMPLE 22389	23	0.238	0.141	0.082	0.037	0.062	0.033	0.007	0.049	0.005	0.303
SAMPLE 22390	24	0.237	0.137	0.083	0.035	0.047	0.036	0.008	0.047	0.006	0.298
SAMPLE 22391	25	0.234	0.128	0.067	0.033	0.032	0.016	0.016	0.047	0.005	0.284
SAMPLE 22393	26	0.206	0.134	0.083	0.034	0.044	0.032	0.008	0.048	0.005	0.272
SAMPLE 22394	27	0.213	0.120	0.060	0.027	0.048	0.016	0.020	0.044	0.005	0.263
SAMPLE 22395	28	0.211	0.117	0.067	0.031	0.030	0.015	0.011	0.044	0.005	0.259
SAMPLE 22396	29	0.236	0.144	0.078	0.033	0.062	0.030	0.008	0.049	0.005	0.301
SAMPLE BLANK	30	0.066	0.030	0.016	0.006	0.007	0.015	0.007	0.025	0.003	0.080
SAMPLE 22397	31	0.235	0.141	0.086	0.036	0.059	0.037	0.007	0.048	0.005	0.302
SAMPLE 22398	32	0.232	0.130	0.075	0.033	0.069	0.026	0.008	0.049	0.005	0.296
SAMPLE 22399	33	0.239	0.134	0.074	0.031	0.076	0.022	0.007	0.048	0.005	0.300
SAMPLE SY-2	34	0.332	0.106	0.040	0.014	0.051	0.047	0.044	0.026	0.008	0.362
SAMPLE 22401	35	0.427	0.082	0.032	0.015	0.008	0.015	0.007	0.027	0.004	0.437
SAMPLE 22402	36	0.642	0.043	0.029	0.013	0.007	0.015	0.007	0.025	0.003	0.645

end
-DONE
*BYE
**cost: $ 6.85 to date: $ 2018.93= 2%
**on at 15.150 - off at 15.897 on 01/09/80

CP DISCONNECTS

NPS DISCONNECTS]

SUMMARY OF RESULTS IN % CORRECTED FOR BLANK AND BIAS SET 75 ANALYST CHAUDHRY

SAMPLE NUMBER	REF NO	SIO2 1	AL2O3 2	FE2O3 TOTAL 3	MGO 4	CAO 5	NA2O 6	K2O 7	TIO2 8	MNO 9	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
SAMPLE 22403	1	47.53	14.90	9.80	6.34	6.86	3.760	0.152	1.466	0.172	0.	0.	0.	0.	0.	0.	0.	90.97
SAMPLE 22404	2	46.10	15.37	9.40	6.35	7.73	2.407	1.014	1.482	0.151	0.	0.	0.	0.	0.	0.	0.	90.01
SAMPLE 22405	3	43.43	15.52	16.18	9.75	2.72	1.180	0.050	1.961	0.203	0.	0.	0.	0.	0.	0.	0.	91.99
SAMPLE 22406	4	74.51	7.41	6.71	0.29	0.21	0.042	0.942	0.338	0.009	0.	0.	0.	0.	0.	0.	0.	90.46
SAMPLE 22407	5	75.72	9.76	3.29	1.15	1.80	0.184	1.988	0.636	0.271	0.	0.	0.	0.	0.	0.	0.	94.80
SAMPLE 22408	6	46.04	13.11	10.10	6.73	8.81	0.080	1.477	1.578	0.161	0.	0.	0.	0.	0.	0.	0.	88.09
SAMPLE BLANK	7	<0.09	<0.02	<0.02	<0.02	<0.02	0.008	<0.012	<0.052	<0.007	0.	0.	0.	0.	0.	0.	0.	0.25
SAMPLE 22409	8	48.13	15.53	10.33	6.67	8.73	3.510	0.356	1.653	0.178	0.	0.	0.	0.	0.	0.	0.	95.15
SAMPLE 22410	9	49.43	16.46	9.66	6.27	10.78	2.779	0.122	1.595	0.170	0.	0.	0.	0.	0.	0.	0.	97.27
SAMPLE SY-2	10	60.80	12.22	6.14	2.63	7.88	4.257	4.642	0.140	0.317	0.46	0.23	0.46	0.44	0.01	3.54	2.20	100.23
SAMPLE 22411	11	84.88	4.59	5.77	1.02	0.10	0.052	0.561	0.160	0.160	0.	0.	0.	0.	0.	0.	0.	97.28
SAMPLE 22412	12	49.71	15.21	10.65	5.27	6.45	4.920	0.021	1.829	0.158	0.	0.	0.	0.	0.	0.	0.	94.22
SAMPLE 22413	13	49.74	15.75	9.95	6.27	10.07	3.232	0.058	1.608	0.171	0.	0.	0.	0.	0.	0.	0.	96.84
SAMPLE 22414	14	47.95	16.07	10.36	6.71	8.72	3.482	0.353	1.639	0.178	0.	0.	0.	0.	0.	0.	0.	94.81
SAMPLE 22415	15	47.82	16.12	11.70	6.94	8.75	2.605	0.220	1.980	0.181	0.	0.	0.	0.	0.	0.	0.	96.11
SAMPLE 22416	16	47.20	15.10	11.08	6.58	11.31	2.518	0.207	1.813	0.196	0.	0.	0.	0.	0.	0.	0.	96.00
SAMPLE 22417	17	47.63	15.50	11.09	6.83	10.49	3.240	0.183	1.813	0.193	0.	0.	0.	0.	0.	0.	0.	96.98
SAMPLE BLANK	18	<0.09	<0.02	<0.02	<0.02	<0.02	<0.007	<0.012	<0.052	<0.007	0.	0.	0.	0.	0.	0.	0.	0.25
SAMPLE 22418	19	48.84	15.38	11.25	6.77	10.88	2.539	0.196	1.904	0.180	0.	0.	0.	0.	0.	0.	0.	97.35
SAMPLE 22419	20	47.89	15.42	11.32	6.84	10.44	2.459	0.134	1.834	0.186	0.	0.	0.	0.	0.	0.	0.	96.52
SAMPLE 22420	21	47.14	16.12	11.07	7.03	11.42	2.860	0.034	1.787	0.189	0.	0.	0.	0.	0.	0.	0.	97.65
SAMPLE SY-2	22	60.35	12.35	6.13	2.68	7.90	4.289	4.451	0.147	0.318	0.46	0.23	0.46	0.44	0.01	3.54	2.20	99.83
SAMPLE 22421	23	47.58	15.02	9.91	5.10	13.47	1.679	0.056	1.718	0.169	0.	0.	0.	0.	0.	0.	0.	94.78
SAMPLE 22422	24	48.68	15.47	10.60	6.54	10.96	2.168	0.222	1.851	0.182	0.	0.	0.	0.	0.	0.	0.	96.68
SAMPLE 22423	25	47.14	15.06	11.11	7.06	10.30	3.172	0.108	1.847	0.188	0.	0.	0.	0.	0.	0.	0.	95.99
SAMPLE 22424	26	47.72	15.35	11.18	6.65	10.83	2.631	0.193	1.876	0.180	0.	0.	0.	0.	0.	0.	0.	96.32
SAMPLE 22425	27	54.22	3.87	3.45	34.09?	0.33	0.064	<0.012	0.490	0.021	0.	0.	0.	0.	0.	0.	0.	96.55
SAMPLE 22426	28	29.57	0.96	21.15	19.75	0.12	<0.007	<0.012	<0.052	0.039	0.	0.	0.	0.	0.	0.	0.	71.67
SAMPLE 22427	29	80.97	7.43	3.91	1.74	0.72	0.019	1.241	0.368	0.048	0.	0.	0.	0.	0.	0.	0.	96.44
SAMPLE 22428	30	68.14	12.17	6.37	2.95	0.14	0.043	3.054	0.644	0.065	0.	0.	0.	0.	0.	0.	0.	93.57
SAMPLE 22429	31	85.25	5.07	2.01	1.19	0.60	0.019	1.299	0.196	0.195	0.	0.	0.	0.	0.	0.	0.	96.72
SAMPLE 22430	32	46.74	15.45	10.41	6.78	9.44	2.594	1.040	1.637	0.191	0.	0.	0.	0.	0.	0.	0.	94.27
SAMPLE 22431	33	49.12	15.58	11.08	5.99	7.80	3.284	0.293	1.923	0.304	0.	0.	0.	0.	0.	0.	0.	95.38
SAMPLE SY-2	34	59.88	12.28	6.13	2.61	7.90	4.252	4.458	0.145	0.321	0.46	0.23	0.46	0.44	0.01	3.54	2.19	99.17
SAMPLE 22432	35	56.74	14.49	8.92	4.28	7.31	3.651	0.232	1.494	0.172	0.	0.	0.	0.	0.	0.	0.	97.29
SAMPLE 22433	36	49.03	15.78	11.04	5.94	7.88	3.253	0.293	1.902	0.305	0.	0.	0.	0.	0.	0.	0.	95.42
RELATIVE STANDARD DEVIATION %																		
INITIAL FLAME	=	1.029	0.702	0.783	0.974	0.779	1.110	1.447	2.949	2.906								
FINAL FLAME	=	0.467	0.601	0.505	0.862	0.851	0.833	0.974	4.021	3.091								
ABOUT LINE	=	0.220	1.666	0.350	0.818	0.601	0.587	0.315	*****	0.398								
LIMIT DETECTION	=	0.093	0.022	0.020	0.017	0.024	0.007	0.012	0.052	0.007								
POLYNOMIAL ORDER																		
DRIFT	=	8	6	7	10	8	6	7	9	6								
CALIBRATION	=	4	5	4	5	4	3	4	2	3								
RELATIVE STANDARD DEVIATION ON STANDARD SY-2																		
BETWEEN SAMPLES	=	0.745	<0.731	<0.648	<1.600	<0.697	<1.090	2.348	<5.921	<1.085								
MEASUREMENT																		
OBTAINED	=	0.153	0.359	0.318	0.786	0.343	0.536	0.459	2.910	0.533								
EXPECTED	=	0.398	0.415	0.488	0.585	0.556	0.648	0.803	*****	2.136								
MEAN ON SY-2	=	60.35	12.28	6.13	2.64	7.89	4.266	4.517	0.144	0.319								
ACCEPTED MEAN	=	59.76	12.08	6.26	2.68	7.96	4.33	4.49	0.15	0.32								

SUMMARY OF STANDARD DEVIATION OF RESULTS

SAMPLE NUMBER	REF NO	SIO2	AL2O3	FE2O3 TOTAL	MGO	CAO	NA2O	K2O	TIO2	MNO	+H2O	-H2O	CO2	P2O5	S	FEO	FE2O3	TOTAL
SAMPLE 22403	1	0.200	0.094	0.059	0.044	0.041	0.025	0.007	0.049	0.005								0.243
SAMPLE 22404	2	0.193	0.101	0.056	0.044	0.046	0.015	0.010	0.050	0.004								0.240
SAMPLE 22405	3	0.180	0.102	0.134	0.072	0.025	0.008	0.007	0.063	0.005								0.265
SAMPLE 22406	4	0.347	0.050	0.036	0.007	0.012	0.003	0.010	0.028	0.003								0.354

SAMPLE 22406	4	0.347	0.050	0.036	0.007	0.012	0.003	0.010	0.028	0.003	0.354
SAMPLE 22407	5	0.358	0.064	0.019	0.011	0.016	0.003	0.016	0.030	0.006	0.367
SAMPLE 22408	6	0.192	0.080	0.061	0.047	0.053	0.003	0.013	0.052	0.005	0.235
SAMPLE BLANK	7	0.047	0.010	0.010	0.006	0.011	0.003	0.006	0.024	0.003	0.057
SAMPLE 22409	8	0.204	0.103	0.064	0.047	0.052	0.023	0.007	0.054	0.005	0.255
SAMPLE 22410	9	0.210	0.116	0.058	0.043	0.066	0.018	0.006	0.053	0.005	0.265
SAMPLE SY-2	10	0.271	0.075	0.033	0.020	0.047	0.030	0.042	0.026	0.007	0.294
SAMPLE 22411	11	0.408	0.032	0.031	0.011	0.012	0.003	0.008	0.027	0.005	0.412
SAMPLE 22412	12	0.213	0.101	0.068	0.036	0.039	0.038	0.006	0.059	0.004	0.260
SAMPLE 22413	13	0.211	0.104	0.060	0.043	0.061	0.021	0.007	0.053	0.005	0.261
SAMPLE 22414	14	0.201	0.109	0.065	0.047	0.052	0.023	0.007	0.053	0.005	0.255
SAMPLE 22415	15	0.200	0.108	0.077	0.048	0.052	0.017	0.007	0.063	0.005	0.259
SAMPLE 22416	16	0.200	0.100	0.074	0.046	0.070	0.016	0.006	0.058	0.005	0.258
SAMPLE 22417	17	0.202	0.104	0.073	0.048	0.064	0.021	0.006	0.058	0.005	0.259
SAMPLE BLANK	18	0.047	0.010	0.010	0.006	0.011	0.003	0.006	0.024	0.003	0.057
SAMPLE 22418	19	0.205	0.102	0.075	0.047	0.067	0.017	0.006	0.061	0.005	0.263
SAMPLE 22419	20	0.202	0.102	0.075	0.048	0.064	0.016	0.006	0.059	0.005	0.259
SAMPLE 22420	21	0.198	0.108	0.071	0.049	0.070	0.019	0.007	0.058	0.005	0.259
SAMPLE SY-2	22	0.270	0.075	0.033	0.020	0.047	0.030	0.040	0.026	0.007	0.292
SAMPLE 22421	23	0.201	0.097	0.060	0.035	0.065	0.011	0.007	0.056	0.005	0.255
SAMPLE 22422	24	0.207	0.103	0.067	0.046	0.067	0.014	0.007	0.059	0.005	0.262
SAMPLE 22423	25	0.199	0.098	0.073	0.050	0.063	0.021	0.006	0.059	0.005	0.255
SAMPLE 22424	26	0.203	0.106	0.075	0.046	0.066	0.017	0.006	0.059	0.005	0.262
SAMPLE 22425	27	0.227	0.031	0.021	5.620	0.014	0.004	0.008	0.033	0.004	5.624
SAMPLE 22426	28	0.125	0.016	0.181	0.195	0.013	0.003	0.007	0.029	0.004	0.297
SAMPLE 22427	29	0.384	0.050	0.022	0.015	0.013	0.003	0.012	0.028	0.003	0.389
SAMPLE 22428	30	0.310	0.075	0.034	0.022	0.012	0.003	0.025	0.032	0.004	0.325
SAMPLE 22429	31	0.409	0.039	0.015	0.012	0.012	0.003	0.012	0.027	0.005	0.412
SAMPLE 22430	32	0.193	0.094	0.061	0.046	0.056	0.017	0.011	0.055	0.005	0.242
SAMPLE 22431	33	0.205	0.096	0.068	0.040	0.047	0.021	0.007	0.062	0.007	0.253
SAMPLE SY-2	34	0.259	0.078	0.033	0.020	0.047	0.029	0.039	0.029	0.007	0.283
SAMPLE 22432	35	0.243	0.088	0.050	0.029	0.044	0.024	0.007	0.051	0.005	0.274
SAMPLE 22433	36	0.204	0.098	0.067	0.040	0.047	0.021	0.007	0.062	0.007	0.253

end of file - request executed 96 times

-DONE
*BYE
**cost: $ 2.14 to date: $ 2107.74= 2%
**on at 8.122 - off at 8.342 on 01/11/80

CP DISCONNECTS

NPS DISCONNECTS/c)