

TABLE II

	LAVAS		SHEETS		SHEETS												
	Mean Value	Std Deviation	Mean Value	Std Deviation	A		B		C		D		E		F		G
					Mean Value	Std Dev	Mean Value	Std Dev	Mean Value	Std Dev	Mean Value	Std Dev	Mean Value	Std Dev	Mean Value	Std Dev	
SiO2	48.16	2.67	38.32	2.29	39.49	1.76	39.92	2.82	39.14	1.84	40.28	1.45	37.23	0.66	37.29	2.84	42.22
Al2O2	14.16	0.84	10.94	1.51	11.72	1.58	11.28	1.10	11.14	1.31	9.42	0.95	10.42	2.18	9.84	1.03	10.02
Fe2O3	8.61	1.06	12.78	1.10	13.01	1.00	12.84	0.92	12.78	1.39	12.47	0.68	13.28	0.29	13.53	1.20	11.95
CaO	11.45	1.70	13.93	1.70	13.38	0.58	13.24	1.21	14.32	2.03	16.80	1.60	14.57	1.82	13.76	1.19	15.60
MgO	5.53	1.31	6.82	1.70	6.19	1.59	6.07	1.37	7.18	1.73	8.64	1.48	8.11	3.61	7.50	1.65	7.78
Na2O	3.81	0.99	2.23	1.10	2.56	1.46	2.51	1.05	2.21	1.24	1.40	0.82	1.34	0.41	1.80	0.33	1.84
K2O	0.66	0.95	2.05	0.80	2.25	1.05	2.21	0.77	1.88	0.57	1.41	0.46	2.69	2.05	2.36	0.88	1.51
TiO2	1.31	0.09	4.63	0.76	5.06	0.80	4.84	0.73	4.41	0.68	4.22	0.30	4.59	0.88	4.93	0.82	4.09
P2O5	0.16	0.02	0.69	0.19	0.75	0.24	0.78	0.18	0.61	0.12	0.57	0.15	1.00	ND	0.59	0.13	0.55
MnO	0.16	0.03	0.20	0.03	0.20	0.04	0.21	0.03	0.21	0.04	0.20	0.02	0.22	0.04	0.17	0.03	0.16
S	0.07	0.01	0.25	0.14	nd		0.30	0.10	0.22	0.10	0.12	0.08	0.19	nd	0.38	nd	nd
CO2	3.21	1.57	4.48	2.99	5.44	1.35	4.83	3.19	3.44	1.80	1.97	0.77	3.67	0.75	5.78	3.58	4.28
H2OTot	2.72	1.32	2.67	0.84	nd		2.99	0.93	2.46	0.93	2.49	0.23	2.70	nd	2.05	nd	nd
Q	0.46	-	-	--	-	-	-	-	-	-	-	-	-	-	-	-	-
OR	4.05		12.64		13.49		13.39		11.57		8.67		16.60		14.48		9.05
AB	33.45		15.41		21.96		21.76		11.04		2.54		3.92		15.79		15.77
AN	20.33		14.37		14.03		13.30		15.52		15.86		15.09		12.23		14.81
NE	-		2.31		-		-		-		-		-		-		-
DI	13.31		18.71		10.74		13.96		25.24		42.99		23.35		13.27		25.95
HY	14.47		-		0.13		0.83		-		-		-		3.11		7.29
OL	-		9.74		10.83		8.84		8.46		5.30		11.11		10.48		3.71
MT	3.23		4.84		4.78		4.77		4.83		4.71		5.02		5.08		4.39
IL	2.58		9.17		9.74		9.42		8.71		8.34		9.09		9.71		7.87
AP	0.38		1.67		1.76		1.85		1.47		1.38		2.42		1.42		1.29
CC	7.58		10.62		12.54		11.25		8.14		4.66		8.71		13.63		9.86
TOTAL	99.85		99.46		100.00		99.37		99.53		99.74		99.59		99.19		100.00