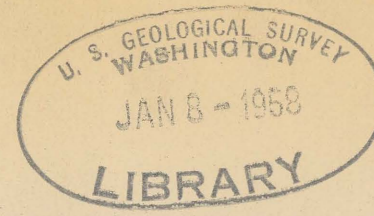


(200)
R290
no. 437
Table 2



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Table 2. -- Analyses of Elkhorn Mountains volcanic rocks

5/	Rock type and Location	Rapid Method Chemical Analysis 1/																	Quantitative Spectrographic Analyses for Minor Elements 2, 3/, 4/									
		SiO ₂	Al ₂ O ₃	FeO	Fe ₂ O ₃	MgO	CaO	Na ₂ O	K ₂ O	TiO ₂	P ₂ O ₅	MnO	CO ₂	H ₂ O	S	BaO	Ign.	Sum	Cu	Co	Ni	Ga	Cr	V	Zr	Be	Sr	Ba
4R11C 139539	Welded tuff SE $\frac{1}{4}$, sec. 22, T. 7 N., R. R. 6 W.	63.0	17.0	1.8	2.5	1.7	3.3	3.3	3.8	.69	.26	.08	.10	2.1	--	--	--	100	.0008	.001	.001	0	.003	.01	.02	.0002	.06	.2
4S12C 139452	Welded tuff SE $\frac{1}{4}$, sec. 15, T. 7 N., R. 6 W.	62.8	18.6	1.4	2.2	1.2	4.9	3.6	3.4	.64	.20	.05	.08	.94	--	--	--	100	.0004	.001	0	0	.003	.009	.02	.0002	.1	.2
--	Welded tuff 6/ Thunderbolt Creek	64.45	17.69	1.93	1.33	.57	3.73	3.85	3.68	.69	.16	.05	.29	+ .80 - .59	.04	.19	--	100.04	--	--	--	--	--	--	--	--	--	--
4S13C 139453	Metamor- phosed welded tuff sec. 31, T. 7 N., R. 5 W.	72.3	14.6	.72	1.0	.71	1.0	2.4	5.4	.34	.06	.03	.17	1.2	--	--	--	100	.0002	0	0	0	.002	.005	.02	.0002	.01	.2
--	Metamor- phosed welded tuff sec. 8, T. 8 N., R. 6 W. 7/	73.8	13.8	.51	.38	.16	.99	3.2	6.0	.28	.04	.08	--	--	--	--	.30	100	--	--	--	--	--	--	--	--	--	--

1/ Analysts, N. F. Phillips, P. L. D. Elmore, and K. E. White except as noted.
 2/ Analyst Harry Bastron.
 3/ Dilution factor 2.
 4/ O in unit column means element not detected; elements also looked for but not found are Ag, Au, Hg, Ru, Rh, Pd, Ce, Ir, Pt, Mo, W, Re, Ge, Sn, Pb, As, Sb, Bi, Te, Zn, Cd, Tl, In, Sc, Y, Yb, La, Th, Nb, Ta, U, Li, P, Be.
 5/ First number given is field number, second is laboratory number.
 6/ Quoted from Adolph Knopf, 1913, p. 26.
 7/ Quoted from F. S. Robertson, 1956, p. 214a.

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