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Table 5. -- Analyses of Tertiary volcanic rocks

5/	Rock type and location		Rapid Method Chemical Analyses ^{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	Sum	Cu	Co	Ni	Ga	Cr	V	Zr	Be	Sr	Ba	Sn
54R7C 139536	Quartz latitic group	Lapilli tuff SW ¹ / ₄ , sec. 12, T. 6 N., R. 6 W.	80.8	12.6	.23	.34	.24	.14	.07	.38	.10	.02	.00	<.05	4.5	99	0	0	0	0	0	.002	.006	.0002	0	.3	0
54R9C 139538		Welded tuff SW ¹ / ₄ , sec. 9, T. 6 N., R. 6 W.	68.1	15.5	.95	1.0	1.2	2.5	3.2	4.3	.32	.12	.04	<.05	3.2	100	.0004	.001	.001	0	.006	.005	.007	.0002	.04	.2	0
52C54		Intrusive SW ¹ / ₄ , sec. 22, T. 6 N., R. 6 W.	73.1	15.1	(Total Fe as = 4.8 Fe ₂ O ₃)		2.6	3.2	3.0	4.2	.56	.19	.08	Ign. = 1.3 ^{6/}		100	--	--	--	--	--	--	--	--	--	--	--
54R1C 138230	Rhyolitic group	Flow Center, sec. 26, T. 8 N., R. 6 W.	74.8	13.3	1.4	.5	.02	.53	4.1	4.3	.04	.38	.04	.07	.52	100	.001	0	0	.002	.001	.003	.009	.0004	0	0	.002
54R3C 138232		Flow NW ¹ / ₄ , sec. 1, T. 9 N., R. 6 W.	75.8	13.1	.72	.7	.02	.30	4.2	4.5	.04	.06	.04	<.05	.35	100	.0008	0	0	.002	0	.003	.01	.0004	0	.001	0

1/ Analysts, H. F. Phillips, P. L. D. Elmore, K. E. White, F. S. Boris and J. M. Dowd.

2/ Analysts, Harry Bastron, and J. D. Fletcher.

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, Pb, As, Sb, Bi, Te, Zn, Cd, Tl, In, Sc, Y, Yb, Ca, Th, Nb, Ta, U, Li, P, and B.

5/ First number given is field number, second is laboratory number.

6/ Includes gain due to oxidation of FeO.