TABLE 30.—*Analyses of sandstone from the Burro Canyon and Cedar Mountain formations*

[Semiquantitative spectrographic determinations made by the rapid visual-comparison method. Comparisons of similar data with those obtained by quantitative methods show that the assigned semiquantitative class interval includes the quantitative value in about 60 percent of the determinations. Analysts: Spectrographic, (1) R. G. Havens, (2) P. R. Barnett; Colorimetric, J. W. Meadows and I. C. Frost; Radiometric, (1) S. P. Furman, (2) S. P. Furman and G. W. Boyes, Jr.]

Sample No.[1]	Laboratory No.	Formation and member	Location	Analyst	Semiquantitative spectrographic analyses																									Colorimetric analyses	Radiometric analyses	Analyst
					Al	Fe	Mg	Ca	Na	K	Ti	Zr	Mn	Ba	Sr	Li	B	Sc	V	Cr	Co	Ni	Cu	Ga	Y	Nb	Ag	La	Yb	Se (ppm)	Percent eU	
L-668	D-80408	Cedar Mountain formation	Mounds, Utah	1	0.x+	0.x	0.x+	x.+	Tr.	0	0.0x	0.0x–	0.x–	0.00x	0.0x–	0	Tr.	0	0.00x–	0.000x	0	0	0.00x–	0	0.000x+	0	0	0	—	<0.5	0.	1
675	81774	do	Buckhorn Flat, Utah	2	.x+	.x	.x	x.	0.x–	0	.0x	.00x	.x–	.00x	.00x+	0	0	0	.00x–	.00x–	0	0.000x–	.000x+	0	0	0	0	0	Tr.	----------	.001	1
701	81775	do	Last Chance, Utah	2	.x–	.x	.0x+	x.	.0x	0	.00x+	.000x+	.0x+	.0x–	.00x	0	.00x	0	.000x+	.000x–	0	.000x–	.000x	0	0	0	0	0	Tr.	----------	<.001	1
667	80407	Buckhorn conglomerate member of Stokes (1952)	Mounds, Utah	1	.x+	.x+	.x	.x+	.0x+	0	.0x+	.00x+	.0x–	.x	.0x–	0	.00x	0	.00x–	.000x+	0	0	.00x	0	.00x	0	0	.00x	—	<.5	0.	1
673	81770	do	Drunk Mans Point, Utah	2	.x–	.0x+	.0x+	x.	.0x+	0	.00x	.000x+	.x–	.0x	.00x	0	0	0	.000x+	.000x	0	.000x–	.000x+	0	0	0	0	0	Tr.	----------	.001	1
681	81771	do	Little Grand, Utah	2	.x	.x	.x	.x+	.0x+	0	.0x	.00x+	.0x–	.00x+	.00x	0	.00x–	0	.00x	.000x	0	.000x–	.000x+	0	0	0	0	0	Tr.	----------	.003	1
683	81772	do	Summerville Draw, Utah	2	.x+	.x	.x	.x	0	0	.x–	.0x	.00x–	.0x	.00x	0	.00x–	0	.00x–	.000x+	.000x	.000x–	.000x+	0	0	0	0	0	.000x–	----------	<.001	1
718	81773	do	Buckhorn Reservoir, Utah	2	.x	.0x+	.x–	.x+	.0x	0	.0x	.00x	.00x–	.0x–	Tr.	0	.00x–	0	.000x+	.000x+	.000x–	0	.00x–	0	.000x+	Tr.	0	0	Tr.	----------	<.001	1
139	80397	Burro Canyon formation	Dry Creek anticline, Colorado	1	.x+	.x	.x–	x.	.0x+	0	.0x	.00x+	.x–	.x–	.00x+	0	.00x–	0	.000x+	.000x+	0	.000x	.000x	0	0	0	0	0	Tr.	----------	.003	1
408	81680	do	Tidwell ranch, Utah	2	.x	.x–	.x–	x.	.0x+	0	.0x–	.0x	.00x+	.00x+	.00x–	0	.00x–	0	.00x–	.000x	0	0	.00x–	0	0	0	0	0	—	<.5	.002	1
531	81681	do	Placerville, Colo.	2	x.–	.x+	.x–	.x+	.0x	0	.x–	.0x	.00x	.0x+	.0x–	.0x	.00x–	0	0	.000x+	0	.000x+	.000x+	0	0	0	0	0	0	----------	.003	2
677	81682	do	Salt Valley, Utah	2	.x	.x	.0x+	x.	0	0	.0x	.0x	.00x+	.0x–	.00x	0	.00x–	0	.00x–	.00x–	.000x	.000x+	.00x–	Tr.	.00x–	0	0	0	.000x	----------	.004	2
689	81683	do	White Mesa, Utah	2	.x	.0x+	.0x	.0x+	0	0	.0x	.0x	.00x+	.00x+	.000x–	0	.00x–	0	.000x	.000x	0	0	.000x+	0	0	0	0	0	0	----------	.003	2
697	81684	do	Cane Spring, Utah	2	.x	.0x+	.0x	.0x+	0	0	.0x+	.0x	.00x+	.00x+	.000x–	0	.00x–	0	0	.000x	0	0	.000x+	0	0	0	0	0	0	----------	.002	2
699	81685	do	Church Rock, Utah	2	x.–	x.–	.0x+	.x–	.x–	.x	.0x+	.00x+	.00x+	.00x+	.000x–	0	.00x	0	0	.000x	0	0	.000x	0	0	0	Tr.	0	0	----------	.002	2
733	81687	do	Hart Draw, Utah	2	.x–	.x–	.0x+	.0x+	0	0	.0x–	.00x	.000x	.00x+	.000x+	0	.00x–	.000x	.00x–	.000x	.000x	.000x+	.000x+	Tr.	.000x+	0	0	0	.000x–	----------	.001	2
781	81688	do	Horseshoe Bend, Colo.	2	.x+	.x–	.0x+	x.	.0x+	.x	.0x	.00x	.0x–	.0x–	.000x+	0	.00x–	0	.00x–	.00x–	0	.000x	.00x–	0	0	0	0	0	0	----------	.002	2

[1] Samples furnished by R. A. Cadigan.