Table 7.--Composition of barren quartzose rocks from the lower part of the Chinle Formation of the Lisbon Valley area

[Analysts: Spectrographic, R. G. Havens and N. M. Conklin; Radiometric, C. G. Angelo and G. S. Erickson; Arsenic, C. Huffman, Jr., and E. J. Fennelly; Selenium, G. T. Burrow; Uranium, E. J. Fennelly; Zinc, W. D. Goss]

Field Number	Laboratory Number	Brief Description	Analytical data expressed in percent 1/																																	
			Si	Al	Fe	Mg	Ca	Na	K	Ti	Mn	As	B	Ba	Be	Ce	Co	Cr	Cu	Ga	La	Mo	Nb	Ni	Pb	Sc	Se	Sr	U	eU	V	Y	Yb	Zn	Zr
K-4/2/57-S5	258097		XX.	XX.	X.	X.-	X.-	X.-	X.+	.X+	.0X	0.0005	.0X-	.0X	.000X-	0	.00X	.0X+	.00X+	.00X-	.00X	0	.00X-	.00X	.0X-	.00X-	<0.00005	.0X+	0.0007	0.002	.00X+	.00X-	.000X	---	.0X-
K-4/3/57-S1	258099	Mudstone	XX.	X.+	X.-	X.-	X.+	X.-	X.	.X	.0X	.0001	.00X+	.0X	.000X-	0	.000X+	.00[illegible]	.00X-	.000X+	0	0	.000X+	.00X	0	.00X-	.00005	.0X	.0003	.002	.00X	.00X-	.000X	---	.0X-
K-56-36	243895	and	XX.	XX.	X.	X.	X.	X.-	X.	.X+	.0X	.0013	.0X-	.0X	.000X	Tr	.00X	.00[illegible]+	.00X	.00X-	.00X+	0	.00X-	.00X	.00X-	.0X-	<.00005	.0X	.0004	.002	.0X-	.00X	.000X+	0.0060	.0X
K-56-76	243919	siltstone	XX.	X.+	X.	X.-	X.	.X+	X.	.X	.0X+	.0014	.00X+	.0X	.000X-	Tr	.00X-	.00[illegible]+	.00X	.00X-	.00X+	.00X-	.00X-	.000X+	.00X+	.00X-	.00005	.0X	.0006	.001	.00X+	.00X	.000X+	.0030	.0X
K-56-37	243896		XX.	X.+	X.-	X.-	XX.	X.-	X.	.X	.X-	.0007	.00X	.0X-	.000X-	0	.00X-	.00[illegible]	.0X-	.000X	.00X	0	0	.00X	.00X	.00X+	.00005	.0X	.0008	.001	.00X+	.00X	.000X	.0040	.0X
K-4/2/57-S3	258095	Siltstone	XX.	X.+	X.-	X.-	X.+	.X+	X.	.X	.0X+	.0001	.00X+	.0X	0	0	.00X	.00[illegible]	.00X	.000X	0	0	.00X-	.00X-	0	.00X-	<.00005	.0X	.0005	.001	.00X	.00X-	.000X	---	.0X
K-56-30	243889	Very fine sandstone	XX.	X.+	X.-	.X+	X.	X.-	X.	.X	.0X+	<.0005	.00X+	.0X+	0	Tr	.000X+	.00[illegible]	.00X+	.000X	.00X+	0	.00X-	.00X-	.00X-	.00X+	<.00005	.X-	.0004	.001	.00X+	.00X	.000X	.0030	.0X+
K-56-32	243891		XX.	X.	X.-	.X+	X.+	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X	0	0	.000X+	.00[illegible]	.00X-	.000X	.00X	0	.00X-	.00X-	Tr	.000X+	<.00005	.0X+	.0004	<.001	.00X+	.00X	.000X+	.0030	.0X+
K-56-34	243893	Very fine	XX.	X.	X.-	X.-	X.	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X+	0	0	.000X+	.00[illegible]	.00X-	.000X	.00X	0	.00X-	.00X-	Tr	.000X+	.00005	.0X-	.0002	<.001	.00X+	.00X	.000X+	.0040	.0X+
K-56-35	243894	to fine	XX.	X.	X.-	.X+	X.+	X.-	X.-	.X	.0X+	<.0005	.00X+	.0X	0	0	.000X+	.00[illegible]	.00X-	.000X	.00X	0	.00X-	.00X-	Tr	.000X+	<.00005	.0X	.0009	.002	.00X+	.00X	.000X	.0030	.0X+
K-56-64	243907	sandstone	XX.	X.	X.-	X.-	X.+	X.-	X.-	.X	.X-	<.0005	.00X+	.0X	0	0	.000X+	.00[illegible]	.00X	.000X	.00X	0	.00X-	.00X-	.00X-	.000X+	.00005	.0X-	.0003	<.001	.00X+	.00X	.000X	.0020	.0X+
K-56-73	243916		XX.	X.+	X.-	X.-	XX.	X.-	X.	.X	.X-	<.0005	.00X+	.0X+	.000X	0	.00X-	.00[illegible]	.00X	.00X-	.00X	0	.00X-	.00X-	.00X-	.00X-	<.00005	.0X	.0006	.002	.00X+	.00X	.000X	.0040	.0X
K-56-65	243908	Fine	XX.	X.	.X+	.X+	XX.	X.-	X.-	.X	.X-	<.0005	.00X	.0X-	0.	0	.000X+	.00[illegible]-	.00X-	.000X-	.00X	0	0	.000X+	.00X-	Tr	<.00005	.0X	.0003	<.001	.00X+	.00X	.000X	.0005	.0X
K-56-74	243917	sandstone	XX.	X.	.X+	X.-	XX.	X.-	X.	.X-	.X-	<.0005	.00X	.X-	0	0	.000X+	.00[illegible]	.00X-	.000X	.00X	.00X	0	.000X+	.000X+	0	.00005	.0X	.0003	.001	.00X	.00X	.000X	.0020	.0X+
K-4/2/57-S2	258094	Fine- to	XX.	X.	.X-	.X-	XX.	.X+	X.-	.0X+	.0X+	.0003	0	X.-	0	0	0	.000X	.000X+	0	0	0	0	.000X	0	0	<.00005	.0X	.0005	<.001	.000X+	.000X+	.000X	---	.0X
K-4/1/57-S2	258090	medium-grained	XX.	.X+	.X	.X-	XX.	.X	X.-	.0X	.0X+	.0004	0	.0X-	0	0	0	.000X+	.000X	0	0	0	0	.000X	0	0	<.00005	.0X	.0007	.003	.000X+	0	0	---	.0X
K-56-31	243890	sandstone	XX.	X.	X.-	.X+	X.+	X.-	X.	.X	.0X+	<.0005	.00X+	.0X+	0	0	.00X-	.0X	.00X	.000X	.00X	0	.00X-	.00X-	.00X-	.000X+	<.00005	.X-	.0004	<.001	.00X+	.00X	.000X+	.0030	.0X
K-7/8/57-S14	25172	Medium-grained sandstone	XX.	X.	.X-	.X-	XX.	.X+	X.	.0X	.X-	.0002	0	X.	0	0	.000X	.000X+	.000X+	0	0	0	0	0	.00X	0	.00005	.X	.0004	.001	.00X-	.00X-	.000X-	---	.0X
K-7/8/57-S9	25170	Medium- to coarse-grained sandstone	XX.	X.	.X-	.X-	XX.	.X+	X.	.0X	.X-	.0004	0	.0X+	0	0	0	.0X-	.000X+	0	0	0	0	0	.00X-	0	.0002	.0X	.0007	.002	.00X-	.00X	.000X	---	.0X+
K-7/8/57-S11	25171		XX.	X.	.X-	.X	XX.	.X+	X.	.0X	.X-	.0003	0	.X	0	0	0	.000X+	.0X-	0	0	0	0	0	.00X-	0	.0001	.0X	.0003	.001	.00X	.00X	.000X	---	.0X+
K-4/1/57-S3	258091	Coarse-grained sandstone	XX.	.X+	.0X+	.0X+	XX.	.X	.X+	.0X-	.X-	<.0001	0	.X+	0	0	0	.000X	.000X	0	0	.000X+	0	.000X	0	0	.0001	.0X	.0002	.001	0	.000X+	.000X-	---	.0X

1/ See table 2 for explanation of method of reporting semiquantitative spectrographic analyses.

2/ Samples collected within 25 feet of ore in the Continental Uranium No. 1 mine.