

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

LIBRARY
GEOLOGICAL SURVEY

1200
R290
no. 617

Table 9.--Composition of high-grade uranium ore from the Chinle formation

Analysts: Spectrographic, R. G. Havens, P. J. Dunton, and N. M. Conklin; Arsenic, C. Huffman, E. J. Fennelly, J. P. Schuch, and H. E. Crowe; Molybdenum, C. Huffman; Selenium, G. T. Burrow and W. R. Weston; Uranium, H. H. Lipp; Equivalent uranium, G. S. Erickson, S. Furman, C. G. Angelo, and D. L. Schafer; Zinc, W. D. Goss, J. Wahlberg, and W. R. Weston

Field Number	Laboratory Number	Brief description	Analytical data expressed in percent 1/																																						
			Si	Al	Fe	Mg	Ca	Na	K	Ti	Mn	Ag	As	B	Ba	Be	Ce	Co	Cr	Cu	Dy	Er	Ga	Gd	La	Mo	Nd	Ni	Pb	Sc	Se	Sm	Sr	Tl	U	eU	V	Y	Yb	Zn	Zr
7-18-4/W-1B	211966	Mineralized sandstone from Continental No. 1 mine	XX.	X.	X.	.X+	X.-	-0-	-0-	.X-	.0X	-0-	---	-0-	.X-	.000X+	.0X	.0X	.00X	.00X+	.0X-	-0-	-0-	.0X-	.0X	.0X+	-0-	.0X-	.X	-0-	---	-0-	.0X-	-0-	12.50	10.5	X.	.0X+	-0-	-0-	.X-
K-8/1/56-S6	245964	Mineralized sandstone from Continental No. 1 mine	XX.	X.	X.-	.X	X.	-0-	-0-	.X-	.0X-	-0-	---	-0-	.X	-0-	.X-	.0X	-0-	.00X-	.0X	.0X	-0-	.0X	.0X+	.0X-	-0-	.0X-	.0X+	-0-	---	-0-	.00X+	-0-	X.+	3.5	X.-	.X	-0-	0.132	.X-
K-8/2/56-S8	245967	Mineralized sandstone from Continental No. 1 mine	XX.	X.-	.X+	.X-	X.	.0X+	0	.0X	.00X	0	---	0	.0X+	.00X-	.0X	.00X	.000X	.00X	.0X-	.00X+	0	.0X	.00X	.0X+	.0X	-0-	.0X-	.00X-	---	.0X-	.00X	0	X.	1.2	.0X	.X-	.00X	.0009	.0X-
K-8/1/56-S14	245968	Mineralized sandstone from Continental No. 1 mine	---	X.-	.X+	.X-	XX.	-0-	-0-	.0X	.0X-	-0-	---	-0-	.0X	-0-	-0-	-0-	-0-	.00X-	-0-	-0-	-0-	-0-	.0X-	.00X+	-0-	-0-	.X-	-0-	---	-0-	.0X-	-0-	XX.	7.2	X.-	.0X	-0-	.0068	.X-
K-8/1/56-S18	245969	Mineralized sandstone from Continental No. 1 mine	XX.	X.	X.-	.X	XX.	-0-	-0-	.X-	.0X+	-0-	---	-0-	.X+	-0-	-0-	-0-	-0-	.0X-	-0-	-0-	-0-	-0-	.0X+	.0X	-0-	-0-	.X	-0-	---	-0-	.0X	-0-	XX.	20.6	.X+	.X-	.0X	.0500	.X
K7-56	56-752	Mineralized sandstone near barren log - Big Buck mine	XX.	X.-	X.	.X+	X.	.X	-0-	.X-	.0X	-0-	0.010	.00X	.X-	.000X	.0X-	.00X	.00X	.00X+	-0-	-0-	-0-	-0-	-0-	.00X	-0-	.000X+	.0X	-0-	0.0003	-0-	.00X	-0-	X.-	.80	XX.	-0-	-0-	.020	-0-
K-9/19/56-S1	256461	Mineralized sandstone from Mt Vida	XX.	X.	.X+	.X	X.+	.X-	-0-	.X	.X-	-0-	.0039	.00X+	.0X	.000X+	-0-	-0-	.00X-	.0X-	-0-	-0-	-0-	-0-	.0X-	.000X+	-0-	-0-	.X	-0-	---	-0-	.0X	-0-	12.4	15.6	.X+	.00X	.000X+	-0-	.0X
K-9/19/56-S2	256462	Mineralized sandstone from Mt Vida	XX.	X.	X.-	X.-	.X+	.X	X.	.X-	.0X+	0	.0021	.0X-	.0X	.00X-	0	0	.00X	.00X	0	0	0	0	.00X+	.00X	0	.00X-	.0X+	0	---	0	.0X-	0	3.86	3.6	X.	.00X-	-0-	0	.0X-
W-8/10/6-S1	251617	Mineralized sandstone from the La Sal mine	XX.	X.+	.X	X.-	.X	.X+	X.-	.0X+	.0X-	0	---	0	.X+	.000X+	.0X-	-0-	.000X	.00X+	0	0	.000X	0	.00X	0	.0X	.000X+	.0X	.000X+	---	0	.0X+	0	X.-	.86	.X+	.0X	-0-	0	.0X-
K-7/11/57-S1	25173	Copper-molybdenum-uranium ore from the Cord mine	XX.	X.	X.-	.X+	X.	.X+	X.	.X	.0X+	.000X	.0046	.00X+	X.-	.000X+	.0X	.0X	.00X-	X.-	0	0	0	0	.00X	0.96	.0X	.00X+	.X-	0	.0015	0	.X-	.0X-	X.	1.2	.X-	.0X+	.00X+	0	.X-
W-9/25/6-S3	251628	Mineralized sandstone from the Radon mine	XX.	X.	X.+	.X+	XX.	0	0	.X-	.X-	0	---	.00X+	.X	.00X-	0	-0-	.00X-	.00X+	0	0	0	0	0	0	0	0	.X+	0	---	0	.X-	0	XX.	14.0	.X	0	0	0	0
K-4/3/57-S2	258100	Chalcopyrite-bearing sandstone from Radon mine	XX.	X.	X.	.X	X.-	.X+	X.	.0X+	.0X	.000X+	.0023	0	.X+	.000X+	0	.0X	.000X+	X.+	.0X-	.00X+	.000X-	.0X-	0	.00X-	0	.0X-	.0X+	.00X-	.0002	0	.X-	0	X.-	1.0	.0X+	.0X	.00X+	.0X+	.X-

1/ See table 2 for explanation of symbols used.