

Table 34. Composition of mineralized samples from the basal 20 feet of the Chinle formation of the Lisbon Valley area

Analysts: Spectrographic, N. M. Conklin, R. G. Havens, P. J. Dunton, and J. C. Hamilton; Arsenic, Claude Huffman, Jr., J. P. Schuch, and E. J. Fennelly; Molybdenum, D. L. Ferguson and Claude Huffman, Jr.; Selenium, G. T. Burrow; Vanadium, from assay data supplied by many different uranium mills and mining companies; percent equivalent uranium, C. G. Angelo, G. S. Erickson, D. L. Shafer, and S. Furman; Zinc, W. D. Goss and James Wahlberg.

Field Number	Laboratory Number	Brief Description	Analytical data expressed in percent 2/																																									
			U	eU	Al	Fe	Mg	Ca	Na	K	Ti	Mn	Ag	As	B	Ba	Be	Ce	Co	Cr	Cu	Dy	Er	Ga	Gd	La	Mo	Nb	Nd	Pb	Sc	Se	Sm	Sr	Tl	V	Y	Yb	Zn	Zr				
7-5-4/W-1B	211962	Mineralized carbonaceous sandstone; Continental No. 1 mine	0	0.011	.X+	X.-	X.-	XX.	.X	0	.0X-	.0X	0	0	0	XX.	0	0	.00X-	.00X-	.0X-	0	0	0	0	0	.00X	0	0	.00X	.00X	0	0	.X	0	.0X-	Tr	.000X-	0	.00X				
W-10/12/6-S1	251636	Chert from Big Buck mine	0	.014	.X+	.X	X.	X.	.X	.X+	.0X	.X	0	0	0	.0X-	0	0	.00X	.00X-	.0X	0	0	0	0	0	.0X	0	0	.00X-	.00X+	0	0	.0X-	0	.0X-	.000X+	Tr	0	.00X+				
K-8/1/56-S4	245974	Slightly mineralized log; Continental No. 1 mine	0.015	.022	.X+	X.	X.-	X.+	Tr	0	.0X	.00X+	0	0.0071	0	X.-	0	0	.00X	.00X-	.00X+	0	0	0	0	0	.00X	0	0	.00X+	.00X	0	0.00005	0	.0X-	0	.0X	Tr	0	0.0013	.00X+			
7-16-4/W-1B	211963	Mineralized log; Continental No. 1 mine	0	.022	.0X+	X.-	.0X	.X	0	0	.0X+	.000X+	0	0	0	X.-	0	.0X+	.00X	.000X+	.00X	0	0	0	0	0	.0X	.00X-	0	.0X-	.00X	.00X-	0	0	.00X-	0	.00X+	.00X-	.000X-	0	.00X+			
K-9/19/56-S11	256470	Mineralized sandstone; Mi Vida mine	.025	.022	X.	.X	.X+	X.+	.X	X.-	X-	X-	0	.0011	0	.0X-	0	0	.00X+	.000X+	.000X+	0	0	0	0	0	0	0.056	0	0	.00X-	.00X+	0	.00005	0	.0X-	0	.0X+	0	0	0	.00X+		
W-9/25/6-S2	251629	Mineralized sandstone; Radon mine	0	.027	X.	X-	X-	XX.	.X+	X.	.0X	X-	0	0	0	X-	0	0	.00X-	.000X+	.00X-	0	0	0	0	0	0	0	0	.000X+	.00X	0	0	.0X+	0	.00X+	0	Tr	0	.00X+				
K-8/2/56-S1	245975	Slightly mineralized log; Continental No. 1 mine	.036	.057	X-	.X+	.0X	X.	.0X+	0	.0X+	.00X+	0	.0024	0	.0X+	0	0	.00X	.00X-	.00X	0	0	0	0	0	.00X-	0	0	.00X	.00X-	0	.00005	0	.00X-	0	.00X	.00X	.000X+	.0106	.0X			
8-27-4/W-SB	217734	Mineralized sandstone; Continental No. 1 mine	.037	.031	X.-	X.-	.X	X.-	.X-	0	.0X	.0X	0	0	0	.0X	0	0	.000X+	.00X-	.00X	0	0	0	0	0	.0X	0	0	.00X-	.00X-	0	.0002	0	.00X	0	.0X	.00X-	---	0	.00X+			
8-30-4/W-1	217736	Mineralized sandstone; Continental No. 1 mine	.054	.050	XX.	X.-	.X+	X.	X.-	X.-	.0X+	.0X	0	0	0	X-	0	0	.000X	.00X	.00X	0	0	Tr	0	0	.00X	0	0	.00X-	.00X-	.000X+	.0004	0	.0X	0	.0X+	.000X+	---	0	.00X			
K-9/19/56-S4	256464	Mineralized sandstone; Mi Vida mine	.058	.042	X.-	X-	X-	X-	.X	.X+	X-	.00X+	0	.0002	0	.0X	0	0	.000X+	.000X+	.000X+	0	0	0	0	0	.000X+	0	0	.000X+	.00X-	0	.0001	0	.00X	0	.0X+	0	0	0	.00X+			
K-9/19/56-S9	256469	Mineralized mudstone; Mi Vida mine	.060	.049	X.+	X.-	X.-	X.+	.X+	X.-	X	X-	0	.0003	.00X+	.X	0	0	.000X+	.00X-	.00X-	0	0	0	0	0	.00X+	0	0	.00X-	.00X	.000X+	<.00005	0	.0X-	0	.X	.00X-	0	0	.0X+			
K-9/19/56-S5	256465	Mineralized sandstone; Mi Vida mine	.065	.046	X.-	.X	.X	.X	X.-	.X+	X-	.00X+	0	.0005	0	.0X-	0	0	.000X+	.000X+	.000X+	0	0	0	0	0	.00X-	0	0	0	.00X-	0	.00005	0	.00X-	0	.0X+	0	0	0	.00X+			
K-8/1/56-S2	245973	Slightly mineralized log; Continental No. 1 mine	.066	.062	X.-	X.+	X-	X.-	.X+	X-	X-	.00X+	0	.0185	0	.00X+	0	0	.000X+	.00X-	.00X+	0	0	Tr	0	.00X+	.0030	0	0	.00X-	.00X+	0	.00005	0	.0X	0	.0X	.00X-	0	.0015	.0X-			
K-8/2/56-S5	245965	Mineralized sandstone; Continental No. 1 mine	.0X+	.019	.X+	X-	.0X+	.0X+	X.-	0	.0X-	.000X+	0	.0016	0	.0X-	0	0	.00X-	Tr	.000X+	0	0	0	0	0	.110	0	0	.00X-	.00X-	0	.00005	0	.000X	0	.0X-	.00X-	0	.0033	.00X+			
K-9/19/56-S6	256466	Mineralized sandstone; Mi Vida mine	.080	.053	X.-	.X	.X	X.	X.-	0	.0X+	.0X+	0	.0006	0	.X+	0	0	.000X+	.000X	.00X-	0	0	0	0	0	.00X+	0	0	.00X-	.0X-	0	<.00005	0	.0X-	0	.X-	0	0	0	.00X+			
TD-BBA	254210	Mineralized sandstone; Big Buck mine	.X-	.067	.X	.X	.X+	XX.	.X	X.-	X-	X-	.000X+	.0056	Tr	.0X-	.000X-	0	0	.00X	X+	0	0	.000X	0	.00X	.00X-	0	0	.00X-	0	.000X+	.0001	0	.0X-	0	.X-	0	0	0	.00X+			
W-8/30/6-S2A	251627	Chert from Far West mine	.X-	.071	.X	.X	.0X	.X	.0X+	0	.00X+	.00X+	0	0	0	X.-	0	0	.000X	Tr	.0X+	0	0	0	0	0	0	0	0	.00X-	0	0	.0X	0	0	.00X-	.000X-	0	.00X-					
W-9/18/6-S2	251621	Mineralized chert and sandstone; Mi Vida mine	.X	.092	X.-	X.	X.-	.X+	.0X+	0	.00X+	.0X+	0	0	0	.0X	0	0	---	.000X-	.000X+	0	0	0	0	0	.000X+	0	0	.000X	.00X	0	0	.0X	.000X+	---	0	.0X-						
8-27-4/W-7	217735	Mineralized sandstone; Continental No. 1 mine	.12	.11	X.-	X.-	.X	.X	X.-	0	.0X+	.0X-	0	0	0	X-	0	0	.00X	.00X-	.00X	0	0	0	0	0	.0X	0	0	.00X	.00X	0	.0003	0	.00X	0	.0X+	.00X-	---	0	.00X+			
K-7/19/57	58-85-S	Composite of mill pulps from San Juan mine	.13		X.+	X.-	X.	X.+	X.-	X.	.X	.0X+	0	.0010	.00X+	.0X+	.000X	0	.00X	.00X+	.00X+	0	0	.000X+	0	.00X	.00X	0	0	.00X	.00X+	.00X-	.0001	0	.0X	0	0.015	.00X	.000X	.0035	.0X			
-----	-----	Mill pulp from Serviceberry mine	.14		X.-	.X+	.X+	.X+	.X+	X.-	.0X+	.0X+	0	.0060	.00X	.0X+	.000X-	0	.000X+	.00X-	.00X	0	0	.000X-	0	.00X+	.00X+	0	0	.000X+	.00X+	.000X	.0001	0	.0X	0	.21	.00X	---	.0070	.00X+			
K-9/19/56-S7	256467	Mineralized mudstone; Mi Vida mine	.14	.15	XX.	X.	X.	.X+	.X+	X.+	.X+	.0X+	0	.0006	.0X-	.0X	.00X-	.0X	.00X	.00X+	.00X-	0	0	.00X-	0	.00X-	.00X-	0	.0X-	.00X	.00X+	.00X	.0001	0	.0X-	0	.X+	.00X	.000X+	0	.0X-			
K-7/19/57-S12	58-88-S	Composite of mill pulps from North Alice mine	.22	---	X.+	X.-	X.-	X.+	.X+	X.	.X	.0X+	0	.0012	.00X+	X-	.000X	0																										