



Table 20.--Composition of mineralized carbonaceous samples from the Continental No. 1 mine

[Analysts: Spectrographic, N. M. Conklin; Arsenic, J. P. Schuch; Selenium, G. T. Burrow; equivalent Uranium, C. G. Angelo; Uranium, C. Huffman, Jr.; Zinc, W. D. Goss and J. Wahlberg]

Field Number	Laboratory Number	Brief description	Analytical data expressed in percent for air-dried samples 1/																																	
			Si	Al	Fe	Mg	Ca	Na	K	Ti	Mn	As	Ba	Ce	Co	Cr	Cu	Ga	La	Mo	Nb	Nd	Ne	Pb	Sc	Se	Sr	Tl	U	eU	V	Y	Yb	Zn	Zr	
K-8-2-56-S6	245977	Carbonized log in contact with mineralized sandstone 2/	X.-	.X+	.X	.X	XX.	0	0	.0X	.0X	0.0014	X.-	.X-	.00X-	.00X	.00X	0	.0X+	.00X	0	.0X	.00X	0	0	0.00005	.0X	0	0.003	0.008	.0X+	.00X	-0-	0.160	.00X+	
K-8-2-56-S2	245976	Composite of samples from very slightly mineralized sandstone	X.	.0X+	.0X+	.0X	X.	.0X+	0	.0X+	.00X+	.0006	.X	Tr	0	.00X-	.00X+	0	.00X+	.000X+	.00X-	0	.00X	0	0	.00005	.00X	0	.005	.004	.00X	.00X	.000X+	.0001	.0X-	
K-8-1-56-S4	245974	Sample from low-uranium, moderate-vanadium ore	X.	.X+	X.	.X-	X.+	Tr	0	.0X	.00X+	.0071	X.-	0	.00X	.00X-	.00X+	0	0	.00X	0	0	.00X+	.00X	0	.00005	.0X-	0	.015	.022	.0X	Tr	0	.0013	.00X+	
K-8-2-56-S1	245975	Sample from "barren" part of ore sandstone	X.-	.X-	.X+	.0X	X.	.0X+	0	.0X+	.00X+	.0024	.0X+	0	.00X	.00X-	.00X	0	0	.00X-	0	0	.00X	.00X-	0	.00005	.00X-	0	.057	.036	.00X	.00X	.000X+	.0105	.0X	
K-8-1-56-S2	245973	Composite of samples from slightly mineralized sandstone	XX.	X.-	X.+	.X-	X.-	.X-	.X+	.X-	.00X+	.018	.00X+	0	.000X+	.00X-	.00X+	Tr	.00X+	.00X+	0	0	.00X-	.00X+	0	.00005	.0X	0	.066	.062	.0X	.00X-	0	.0015	.0X-	
K-8-2-56-S11	245978	Well-mineralized sample	X.	.X+	X.+	.X	.X-	.X-	0	.0X	.00X	.13	X.+	Tr	.0X+	.000X	.0X-	0	.00X+	.00X+	0	0	.0X	.0X+	.000X+	.0005	.0X+	.0X-	X.	2.7	.X+	.00X	---	.0820	.0X-	
K-8-2-56-S18	245969	Well-mineralized sample	XX.	X.	X.-	.X	XX.	-0-	-0-	.X-	.0X+	.055	.X+	-0-	-0-	-0-	.0X-	-0-	.0X+	.0X	-0-	-0-	-0-	.X	.0X	.0004	.0X	-0-	XX.	20.6	.X+	.X-	.0X	.050	.X	
K-8-2-56-S12	245979	Well-mineralized sample	---	X.-	.X+	.X-	XX.	-0-	-0-	.0X	.0X+	.006	.X	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	.X	-0-	.00005	.0X	-0-	XX.	22.8	XX.	.X	---	.088	.X		

1/ See table 2 for explanation of symbols used. No ash determinations were made.

2/ Sandstone contained .0X percent vanadium, .X- percent molybdenum, and 0.003 percent equivalent uranium

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

(200)
R 290
70.617