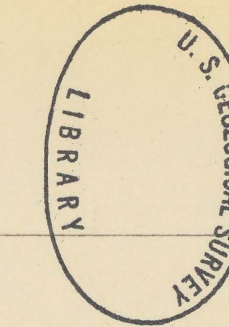


Table 16.--Composition of rocks overlying high-grade uranium ore in the Mi Vida mine

Analysts: Spectrographic, P. J. Dunton; Arsenic, C. Huffman, Jr.; Uranium, H. H. Lipp for samples containing more than 0.3 percent, D. L. Ferguson for samples containing less than 0.3 percent; Equivalent uranium, G. S. Erickson; Selenium, G. T. Burrow



Field Number	Laboratory Number	Distance above base of high grade uranium ore (feet)	Brief sample 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	Nd	Ni	Pb	Sc	Se	Sr	U	eU	V	Y	Yb	Zr
K-9/19/56-S9	256469	5.8 -6.8	Siltstone to very fine sandstone	XX.	X.+	X.-	X.-	X.+	.X+	X.-	.X	.X-	.0003	.00X+	.X	0	0	.000X+	.00X-	.00X-	0	.00X+	0	0	.00X-	.00X	.000X+	< .00005	.0X-	.060	.049	.X	.00X-	0	.0X+
K-9/19/56-S8	256468	5.45-5.8	Siltstone to very fine sandstone	XX.	X.+	X.-	X.-	X.	.X+	X.	.X	.0X+	.0004	.00X+	.0X+	.000X	.0X	.000X+	.00X	.00X	.000X-	.0X-	.000X+	.0X	.00X	.0X-	.00X-	.00005	.0X-	.48	.33	.X+	.00X+	.00X-	.0X+
K-9/19/56-S7	256467	5.1 -5.45	Mudstone and siltstone	XX.	XX.	X.	X.	.X+	.X+	X.+	.X+	.0X+	.0006	.0X-	.0X	.00X-	.0X	.00X	.00X+	.00X-	.00X-	.00X+	.00X-	.0X-	.00X	.00X+	.00X	.0001	.0X-	.14	.15	.X+	.00X	.000X+	.0X-
K-9/19/56-S6	256466	4.2 -5.1	Fine to medium sandstone	XX.	X.-	.X	.X	X.	.X-	0	.0X+	.0X+	.0006	0	.X+	0	0	.000X+	.000X	.00X-	0	0	.00X+	0	.00X-	.0X-	0	< .00005	.0X-	.080	.053	.X-	0	0	.00X+
K-9/19/56-S5	256465	3.2 -4.2	Fine to medium sandstone	XX.	X.-	.X	.X	.X	.X	.X+	.X-	.00X+	.0005	0	.0X-	0	0	.000X+	.000X+	.000X+	0	0	.00X-	0	0	.00X-	0	.00005	.00X-	.065	.046	.0X+	0	0	.00X+
K-9/19/56-S4	256464	2.2 -3.2	Fine sandstone	XX.	X.-	.X-	.X-	.X-	.X	.X+	.X-	.00X+	.0002	0	.0X	0	0	.000X+	.000X+	.000X+	0	0	.000X+	0	0	.00X-	0	.0001	.00X-	.058	.042	.0X+	0	0	.00X+
K-9/19/56-S3	256463	1.4 -2.2	Very fine to medium sandstone	XX.	X.	.X	.X	.X+	.X	.X+	.X-	.0X-	.0003	0	.0X	.000X-	0	0	.00X-	.000X+	0	0	.00X-	0	.00X-	.00X+	0	.00005	.00X+	.33	.22	.X-	0	0	.0X-
K-9/19/56-S2	256462	.5 -1.4	Siltstone to fine sandstone	XX.	X.	X.-	X.-	.X+	.X	X.	.X-	.0X+	.0021	.0X-	.0X	.00X-	0	0	.00X	.00X	0	.00X+	.00X	0	.00X-	.0X+	0	.00005	.0X-	3.86	3.6	X.	.00X-	0	.0X-
K-9/19/56-S1	256461	0 - .5	Fine sandstone	XX.	X.	.X+	.X	X.+	.X-	-0-	.X	.X-	.0039	.00X+	.0X	.000X+	-0-	-0-	.00X-	.0X-	-0-	.0X-	.000X+	-0-	-0-	.X	-0-	.0001	.0X	12.4	15.6	.X+	.00X	.000X+	.0X

1/ See table 2 for explanation of symbols used.