

(200)
R290
no.617

PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

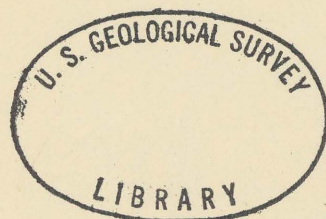


Table 13.--Chemical and isotopic composition of mineralized rocks from the Mi Vida mine

[Analysts: Spectrographic, P. J. Dunton; Isotopic, J. N. Rosholt; Uranium, D. L. Ferguson and H. H. Lipp;
Equivalent uranium, G. S. Erickson]

Field Number	Laboratory Number	Distance above base of high grade uranium ore (ft.)	Brief sample description	Percent equivalent 1/					Percent			Ratio $\frac{\text{Pb}}{\text{U}}$ 2/
				Pa ²³¹	Th ²³⁰	Ra ²²⁶	Rn ²²²	Pb ²¹⁰	U	eU	Spectrographic Pb	
K-9/19/56-S9	256469	5.8 -6.8	Siltstone to very fine-grained sandstone	0.077	0.037	0.042	0.04	0.044	0.060	0.049	.00X	---
K-9/19/56-S8	256468	5.45-5.8	Siltstone to very fine-grained sandstone	0.48	0.24	0.28	0.23	0.23	0.48	0.33	.0X-	.031±
K-9/19/56-S7	256467	5.1 -5.45	Mudstone and siltstone	0.15	0.12	0.20	0.13	0.20	0.14	0.15	.00X+	---
K-9/19/56-S6	256466	4.2 -5.1	Fine- to medium-grained sandstone	0.079	0.050	0.050	0.04	0.048	0.080	0.053	.0X-	---
K-9/19/56-S5	256465	3.2 -4.2	Fine- to medium-grained sandstone	0.054	0.033	0.034	0.04	0.035	0.065	0.046	.00X-	---
K-9/19/56-S4	256464	2.2 -3.2	Fine-grained sandstone	0.048	0.024	0.031	0.03	0.030	0.058	0.042	.00X-	---
K-9/19/56-S3	256463	1.4 -2.2	Very fine- to medium-grained sandstone	0.21	0.15	0.19	0.18	0.19	0.33	0.22	.00X+	.021±
K-9/19/56-S2	256462	.5 -1.4	Siltstone to fine-grained sandstone	5.13	3.70	4.43	3.4	3.34	3.86	3.6	.0X+	.018±
K-9/19/56-S1	256461	0 - .5	Fine-grained sandstone	18.8	17.5	15.3	12.8	13.4	12.4	15.6	.X	.024±

1/ Percent equivalent (Rosholt, 1957, p. 1) is defined as "the percent amount of primary parent, under the assumption of radioactive equilibrium, required to support the amount of daughter actually present in the sample."

2/ Ratio was computed only for samples containing more than 0.15 percent uranium.