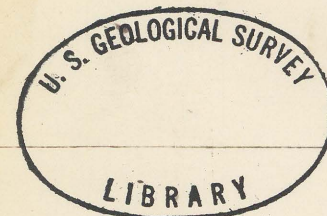


PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME



Analysts: Spectrographic, N. M. Conklin; Arsenic, Selenium, and Zinc by rapid field methods, H. E. Crowe and W. R. Weston; Uranium, J. P. Schuch; Equivalent uranium, C. G. Angelo; Ash, E. F. Cooley

Field Number	Laboratory Number	Sample description				LIBRARY																												Analytical data expressed in percent 1/											
		Weight of fraction (gm)	Percent ash	Specific gravity	Remarks	Si	Al	Fe	Mg	Ca	Na	K	Ti	Mn	As	B	La	Be	Ce	Co	Cr	Cu	Ga	La	Mo	Nb	Ni	Pb	Sc	Se	Sr	U	eU	eU/U	V	Y	Yb	Zn	Zr						
K6-56A	56-744	32.2	1.8	< 1.40	Air-dried sample	.X-	.00X+	.0X+	0	.0X+	.0X+	0	.00X	.000X	0.01	.00X	.0X	0	0	0	.000X	.00X	0	0	.00X	.0X+	0	Tr	.00X	< 0.0002	0	0.011	< 0.001	< 0.09	.00X	.0X-	.00X	0.01	.00X						
					Ash 2/	X.+	.X	X.	?	X.	X.	?	.X-	.0X-	.6	.X-	X.-	?	?	?	.0X-	.X-	?	?	.X-	X.	?	?	.X-	?	?	.6	?	< .09	.X-	.X+	.X-	.6	.X-						
K6-56B	56-745	68.9	3.0	1.40-1.50	Air-dried sample	.0X+	.00X+	.X+	.00X-	.0X+	0	0	.00X	.00X-	.02	Tr	.0X	0	0	0	.000X	.000X+	0	0	.00X	0	0	0	0	< .0002	Tr	.004	< .001	< .25	.00X	0	0	.01	.00X						
					Ash 2/	X.	.X	XX.	.0X+	X.	?	?	.X-	.0X+	.7	?	X.-	?	?	?	.0X-	.0X	?	?	.X-	?	?	?	?	?	?	.1	?	< .25	.X-	?	?	.3	.X-						
K6-56C	56-746	1.8	14.6	1.50-1.70	Air-dried sample	X.-	.X-	X.	0	.X+	0	0	.0X+	.0X-	.12	Tr	.X+	0	0	.000X+	.000X+	.00X	0	0	.00X+	.00X	.000X+	.00X-	0	---	.00X	.02	.032	1.6	.0X	.00X	.00X-	.02	.00X+						
					Ash 2/	XX.	X.-	XX.	?	X.+	?	?	.X+	.X-	.8	?	X.+	?	?	.00X+	.00X+	.0X	?	?	.0X+	.0X	.00X+	.0X	?	---	.0X	.1	.22	1.6	.X	.0X	.0X-	.1	.0X+						
K6-56D	56-747	2.5	63.	1.70-2.50	Air-dried sample	X.+	X.-	X.+	.X	X.	.X	.X+	.0X	.0X	.08	Tr	X.	0	0	.000X+	.00X-	.00X	0	0	.00X+	.00X-	.000X+	.00X+	0	---	.0X	.022	.084	3.8	.X-	.00X	0	.03	.00X+						
					Ash 2/	XX.	X.	XX.	.X+	X.+	.X+	X.-	.0X+	.0X+	.13	?	X.+	?	?	.00X-	.00X	.00X+	?	?	.0X-	.00X	.00X-	.0X-	?	---	.0X+	.035	.13	3.8	.X	.00X+	?	.05	.0X-						
K6-56E	56-748	11.3	97.	2.50-2.85	Magnetic fraction 3/	XX.	X.	X.	X.-	XX.	.X+	X.	.X-	.X-	.16	.00X+	.X	.000X-	0	.00X	.00X+	.00X	.00X-	.00X	.00X+	0	.00X	.00X+	.00X-	.0003	.0X	.020	.041	2.	.X-	.00X-	0	.025	.00X+						
K6-56F	56-749	14.5	80.	2.50-2.85	Nonmagnetic fraction 3/	XX.	X.	.X+	.X-	XX.	0	0	.00X	.X	.02	Tr	.X	0	0	0	.00X-	.00X-	0	0	.00X-	.00X-	.000X+	Tr	0	.0007	.0X-	.003	.008	2.7	.00X+	Tr	0	.01	0						
K6-56H	56-751	15.5	64.	> 2.85	Magnetic fraction 3/	.X+	.X	XX.	.X-	.X+	.0X+	0	.0X-	.0X-	.16	0	X.	0	0	0	.000X+	.00X+	0	0	.0X	0	.000X+	.0X	0	.0003	.0X	.021	.099	4.7	.0X	0	0	.01	.00X						
K6-56G	56-750	17.2	75.8	> 2.85	Nonmagnetic fraction 3/	.X+	.X-	XX.	.0X	.X+	.0X+	0	.00X+	.0X-	.24	0	X.+	0	0	0	.000X+	.00X	0	0	.0X-	0	.000X+	.00X	0	.0005	.X-	.001	.049	49.	.00X+	0	0	.02	.00X						
K7-56	56-752	High-grade ore in contact with the slightly mineralized log whose composition is shown above				XX.	X.-	X.	.X+	X.	.X	-0-	.X-	.0X	.01	.00X	.X-	.000X	.0X-	.00X	.00X	.00X+	-0-	-0-	.00X	-0-	.000X+	.0X	0	.0003	.00X	X.-	.80	---	XX.	-0-	-0-	.02	.0X						

1/ See table 2 for explanation of symbols used. "?" means that the composition cannot be determined from available data.

2/ The composition of the ash was estimated from the composition and ash content of the air-dried sample.

3/ The Frantz magnetic separator was set at a current of one ampere, a side rotation of 5 degrees, and a forward slope of 20 degrees in separating the magnetic from the nonmagnetic fractions.