



University of Nevada, Reno

STANDARD REFERENCE MATERIAL NBM-8c

(Carlin, Nevada high grade refractory Au-Ag ore sample)

Accepted gold and silver values are based on mean results from 15 separate laboratories and 39 to 40 individual determinations (depending on element). Data are in ounces per ton and parts per million by weight. This material is nominally >95% -200 mesh:

Recommended Values

Gold (Au) = 0.397 ± 0.003 ounces/ton (13.6 ± 0.10 ppm)

Silver (Ag) = 0.019 ± 0.004 ounces/ton (0.65 ± 0.14 ppm)

Reference Values

Element	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	74300	11600	652	0.177	26500	0.434	15.0	70.7	37.2	38500
95% Conf.	±1740	±2100	±220	±0.077	±990	±0.129	±0.6	±6.3	±2.4	±1860
Element	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	27300	33.2	11700	299	5.12	502	37.3	858	23.9	125
95% Conf.	±758	±5.9	±671	±15	±0.76	±130	±2.7	±37	±2.2	±7.4
Element	Sb	Sc	Sr	Th	Ti	U	V	W	Y	Zn
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	13.2	11.8	88.1	8.89	2540	3.33	95.0	6.00	16.6	101
95% Conf.	±1.5	±1.8	±5.8	±2.08	±519	±0.12	±4.5	±1.57	±2.7	±7.3

For questions or comments contact:

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