



University of Nevada, Reno

STANDARD REFERENCE MATERIAL NBM-8a

(Carlin, Nevada low grade oxide Au-Ag ore sample)

Accepted gold and silver values are based on mean results from 15 separate laboratories and 39 to 46 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) = 0.049 ± 0.001 ounces/ton (1.68 ± 0.03 ppm)

Silver (Ag) = 0.036 ± 0.003 ounces/ton (1.23 ± 0.09 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	34900	402	1890	0.997	2700	2.21	3.94	52.3	25.2	26000
95% Conf.	±1070	±32	±606	±0.327	±77	±0.31	±0.22	±7.5	±1.3	±1410
Element	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	12300	10.7	2340	87.1	10.6	269	48.0	436	420	87.5
95% Conf.	±454	±2.6	±139	±5.6	±0.5	±98	±4.4	±33	±43	±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	107	5.30	168	3.14	1310	7.18	250	30.6	14.0	343
95% Conf.	±19	±0.85	±12	±0.65	±302	±0.32	±14	±6.8	±2.7	±27

For questions or comments contact:

David Davis, Geologic Information Specialist

775-682-8767

ddavis@unr.edu

www.nbmgs.unr.edu

Nevada Bureau of Mines and Geology
Mail Stop 178
Reno, Nevada 89557-0178
Telephone: (775) 784-6691
FAX: (775) 784-1709
www.nbmgs.unr.edu