



University of Nevada, Reno

STANDARD REFERENCE MATERIAL NBM-8b

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

Accepted gold and silver values are based on mean results from 15 separate laboratories and 41- 43 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) = 0.290 ± 0.002 ounces/ton (9.94 ± 0.07 ppm)

Silver (Ag) = 0.043 ± 0.009 ounces/ton (1.47 ± 0.31 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	42100	460	922	0.184	178000	1.46	8.05	46.1	20.6	18900
95% Conf.	±1350	±25	±156	±0.075	±14000	±0.13	±0.44	±6.5	±1.9	±1020
Element	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	Rb
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	14400	22.2	4070	644	2.36	263	43.4	353	34.9	98.0
95% Conf.	±326	±3.4	±304	±37	±0.33	±70	±3.3	±19	±3.1	±6.9
Element	Sb	Sc	Sr	Th	Ti	U	V	W	Y	Zn
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Mean	139	6.67	91.3	4.45	1730	2.40	93.4	30.0	16.2	201
95% Conf.	±18	±0.93	±3.9	±1.08	±341	±0.13	±5.8	±8.7	±2.2	±15

For questions or comments contact:

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