

For a Showing to be included in the showings database, at least one commodity must be detected in an amount above the minimum listed below, either in bedrock or (in the case of placers, for example) in the material which would constitute the ore if the deposit were minable. If a showing is defined for one commodity, another commodity may be listed as anomalous if it has been detected in an amount above or equal to a second assigned value, its 'as a by-product' minimum.

Minimum commodity grades for mineral showings

Commodity	Minimum grade	Minimum grade (alternative units)	As a by-product
Ag (Silver)	20 g/t Ag	0.58 oz/T Ag	10 g/t Ag
Antimony – see Sb	–	–	–
Au (Gold)	0.5 g/t Au	0.015 oz/T Au	0.5 g/t Au
Barium, Barium Minerals	8 % BaSO ₄ or 5 % Ba	–	–
Be (Beryllium)	0.2 % BeO	–	–
Bi (Bismuth)	0.1 % Bi	1000 ppm Bi	–
Boron Minerals	1 % B ₂ O ₃ or 0.3 % B	10 000 ppm B ₂ O ₃	–
Boron Compounds in Brine	0.2 % B ₂ O ₃	2000 ppm B ₂ O ₃	–
Cd (Cadmium)	–	–	0.1 % Cd
Carving Stone	present in some quantity	–	–
Co (Cobalt)	0.05% to 0.10 % Co	500 ppm to 1000 ppm Co	–
Coal	present	–	–
Chromium	2% Cr ₂ O ₃	–	–
Cu (Copper)	0.2 % Cu	2000 ppm Cu	–
Diamond	present	–	–
Fe (Iron)	20 % in iron oxides	–	–
Li (Lithium)	0.2 % LiO ₂	–	–
Mineral Specimen	present	–	–
Mo (Molybdenum)	0.05 % Mo	500 ppm Mo	–
MoS ₂ (molybdenite)	0.10 % MoS ₂	–	–
Nb (Niobium)	0.1 % Nb or 0.16 % NbO ₂	1000 ppm Nb or 1640 ppm NbO ₂	–
Ni (Nickel)	0.2 % Ni	2000 ppm Ni	–
Pb (Lead)	0.4 % Pb	4000 ppm Pb	–
Pd (Palladium)	0.3 g/t Pd	0.009 oz/T Pd or 300 ppb Pd	0.1 g/t Pd
PGE (Platinum Group Elements; includes Pt Pd Os Ir Rh Ru)	0.5 g/t PGE	0.015 oz/T PGE	–
Pt (Platinum)	0.5 g/t Pt	0.015 oz/T Pt or 500 ppb Pt	0.2 g/t Pt
REE (Rare Earth Elements)	0.25% rare earth oxides	0.2 % rare earth element	–
Sb (Antimony)	–	–	0.5 % Sb
Sn (Tin)	0.1 % Sn	1000 ppm Sn	–
Ta (Tantalum)	0.002 % Ta or 0.003% Ta ₂ O ₅	20 ppm Ta or 30 ppm Ta ₂ O ₅	–
Ti (Titanium)	10 % TiO ₂	–	–
Th (Thorium)	–	–	0.1 % ThO ₂
U (Uranium)	0.03% U ₃ O ₈	0.6 lb/T U ₃ O ₈ or 300 ppm U ₃ O ₈	–
Va (Vanadium)	0.1 % Va	1000 ppm Va	–
W (Tungsten)	0.1 % WO ₃	1000 ppm WO ₃	–
Zn (Zinc)	0.3 % Zn	3000 ppm Zn	–

