

## **Gold Ore**

Art. ID	CANMET-MA-3a
Unit	200 g
Deliverydetails	No Dangerous Good /not restricted

### **Description**

The product is a compositional reference material having primarily a siliceous matrix and an intermediate gold concentration. It is inferred, from a mineralogical examination of material from the same mine previously used to produce MA-1 and MA-2, that quartz, feldspar, dolomite, muscovite, and chlorite are major mineral constituents in decreasing order of abundance. Pyrite, chalcopyrite, sphalerite, hematite, magnetite, altaite (PbTe), and melonite (NiTe<sub>2</sub>) are present in minor-to-trace levels. Calaverite (AuTe<sub>2</sub>) occurs as inclusions in some pyrite grains. The majority of gold occurs as an electrum (containing silver) dispersed in the gangue minerals. CANMET-MA-3a is mainly intended for methods of analysis of gold involving fire assay preconcentration with a sample size of 15g or more. Other techniques will be suitable providing a large enough sample is taken.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Gold (Au)	[7440-57-5]	8,56 ± 0,09	µg/g		