

## **Gold Ore**

Art. ID	CANMET-CH-4
Unit	200 g
Deliverydetails	No Dangerous Good /not restricted

### **Description**

The material is a fine powder with a mesh size of less than 45 µm (325 mesh) which comes in a glass bottle containing 200 g. The host rock of the raw material is meta-anorthosite. The mineralogy includes pyrrhotite, pyrite and chalcopyrite, and small amounts of sphalerite, galena and molybdenite. CANMET-CH-4 is suitable for use in applications involving the analysis of various elements in gold ores with a siliceous matrix. Examples of intended use are for quality control in the analysis of samples of a similar type, method development, arbitration and the calibration of equipment.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Silver (Ag)	[7440-22-4]	2,1	µg/g		
	Gold (Au)	[7440-57-5]	0,88	µg/g		
	Cadmium (Cd)	[7440-43-9]	1,14	µg/g		
	Cobalt (Co)	[7440-48-4]	26	µg/g		
	Copper (Cu)	[7440-50-8]	0,2	%		
	Iron (Fe)	[7439-89-6]	5,42	%		
	Potassium (K)	[7440-09-7]	1,81	%		
	Magnesium (Mg)	[7439-95-4]	1,43	%		
	Sulfur (S)	[7704-34-9]	0,63	%		
	Selenium (Se)	[7782-49-2]	2,1	µg/g		
	Titanium (Ti)	[7440-32-6]	0,31	%		
	Zinc (Zn)	[7440-66-6]	0,02	%		