

Gold Ore, CRM, Cut-off ore, Au values by Fire Assay and Aqua Regia, Powder

Art. ID GEO-G919-1
Unit Powder 10g or 1 kg
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Certified value	Gold (Au)	[7440-57-5]	0,56 ± 0,004	ppm	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,000056 ± 0,0000004	%	Fire Assay	
Certified value	Gold (Au)	[7440-57-5]	0,55 ± 0,008	ppm	Aqua Regia Digest	
Certified value	Gold (Au)	[7440-57-5]	0,000055 ± 0,0000008	%	Aqua Regia Digest	
Indicative Only	Antimony (Sb)	[7440-36-0]	<0,00002	%	Neutron Ac tivation A nalysis	
Indicative Only	Arsenic (As)	[7440-38-2]	<0,00005	%	Neutron Ac tivation A nalysis	
Indicative Only	Barium (Ba)	[7440-39-3]	0,0347	%	Neutron Ac tivation A nalysis	
Indicative Only	Bromine (Br)	[7726-95-6]	<0,0002	%	Neutron Ac tivation A nalysis	
Indicative Only	Cadmium (Cd)	[7440-43-9]	<0,001	%	Neutron Ac tivation A nalysis	
Indicative Only	Cerium (Ce)	[7440-45-1]	0,0037	%	Neutron Ac tivation A nalysis	
Indicative Only	Caesium (Cs)	[7440-46-2]	0,0002	%	Neutron Ac tivation A nalysis	
Indicative Only	Chromium (Cr)	[7440-47-3]	0,0093	%	Neutron Ac tivation A nalysis	
Indicative Only	Cobalt (Co)	[7440-48-4]	0,002	%	Neutron Ac	

					Neutron Activation Analysis
Indicative Only	Europium (Eu)	[7440-53-1]	0,00012	%	Neutron Activation Analysis
Indicative Only	Gold (Au)	[7440-57-5]	0,000054	%	Neutron Activation Analysis
Indicative Only	Hafnium (Hf)	[7440-58-6]	<0,0005	%	Neutron Activation Analysis
Indicative Only	Iridium (Ir)	[7439-88-5]	<0,000005	%	Neutron Activation Analysis
Indicative Only	Iron (Fe)	[7439-89-6]	4,7	%	Neutron Activation Analysis
Indicative Only	Lanthanum (La)	[7439-91-0]	0,0018	%	Neutron Activation Analysis
Indicative Only	Lutetium (Lu)	[7439-94-3]	0,00002	%	Neutron Activation Analysis
Indicative Only	Molybdenum (Mo)	[7439-98-7]	<0,001	%	Neutron Activation Analysis
Indicative Only	Nickel (Ni)	[7440-02-0]	0,0024	%	Neutron Activation Analysis
Indicative Only	Rubidium (Rb)	[7440-17-7]	0,0084	%	Neutron Activation Analysis
Indicative Only	Samarium (Sm)	[7440-19-9]	0,00039	%	Neutron Activation Analysis
Indicative Only	Scandium (Sc)	[7440-20-2]	0,00181	%	Neutron Activation Analysis

Indicative Only	Selenium (Se)	[7782-49-2]	<0,001	%	Neutron Activation Analysis
Indicative Only	Sodium (Na)	[7440-23-5]	2,25	%	Neutron Activation Analysis
Indicative Only	Tantalum (Ta)	[7440-25-7]	<0,0002	%	Neutron Activation Analysis
Indicative Only	Tellurium (Te)	[13494-80-9]	<0,002	%	Neutron Activation Analysis
Indicative Only	Terbium (Tb)	[7440-27-9]	0,0001	%	Neutron Activation Analysis
Indicative Only	Thorium (Th)	[7440-29-1]	0,00121	%	Neutron Activation Analysis
Indicative Only	Tin (Sn)	[7440-31-5]	<0,02	%	Neutron Activation Analysis
Indicative Only	Tungsten (W)	[7440-33-7]	<0,0005	%	Neutron Activation Analysis
Indicative Only	Uranium (U)	[7440-61-1]	0,0007	%	Neutron Activation Analysis
Indicative Only	Ytterbium (Yb)	[7440-64-4]	0,00026	%	Neutron Activation Analysis
Indicative Only	Zinc (Zn)	[7440-66-6]	<0,02	%	Neutron Activation Analysis
Indicative Only	Zirconium (Zr)	[7440-67-7]	<0,05	%	Neutron Activation Analysis
Indicative Only	Silver (Ag)	[7440-22-4]	0,0005	%	Neutron Activation Analysis

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Indicative Only	Iron (Fe)	[7439-89-6]	0,000523	%	Fusion / X RF
Indicative Only	SiO ₂		0,006244	%	Fusion / X RF
Indicative Only	Al ₂ O ₃		0,001415	%	Fusion / X RF
Indicative Only	TiO ₂		0,000111	%	Fusion / X RF
Indicative Only	MnO		0,000011	%	Fusion / X RF
Indicative Only	CaO		0,000566	%	Fusion / X RF
Indicative Only	Phosphorus (P)	[7723-14-0]	0,0000053	%	Fusion / X RF
Indicative Only	Sulfur (S)	[7704-34-9]	0,000004	%	Fusion / X RF
Indicative Only	MgO	[1309-48-4]	0,000326	%	Fusion / X RF
Indicative Only	K ₂ O		0,000206	%	Fusion / X RF
Indicative Only	Na ₂ O		0,00033	%	Fusion / X RF
Indicative Only	LOI1000		0,000041	%	Fusion / X RF