

Blank/lithochem/low-level, Matrix: quartz, Mineralisation Style: barren

Art. ID	OREAS-21f-10G
Unit	10 g
Deliverydetails	No Dangerous Good /not restricted

Description

OREAS-21f has been prepared from quartz sand to which 0.5% iron oxide has been added to produce a pinkish-tan coloured pulp. This colouring gives the material an appearance of oxide origin (i.e., light orange-brown clay or light iron ore colour). It is characterised by extremely low background gold of less than 1 part per billion.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Gold (Au)	[7440-57-5]	<1	ppb	Pb Fire Assay	
	Silver (Ag)	[7440-22-4]	<0,050	ppm	4-Acid Digestion	
	Aluminium (Al)	[7429-90-5]	0,099	%	4-Acid Digestion	
	Barium (Ba)	[7440-39-3]	4,58	ppm	4-Acid Digestion	
	Bismuth (Bi)	[7440-69-9]	<0,010	ppm	4-Acid Digestion	
	Cadmium (Cd)	[7440-43-9]	<0,020	ppm	4-Acid Digestion	
	Cerium (Ce)	[7440-45-1]	1,79	ppm	4-Acid Digestion	
	Cobalt (Co)	[7440-48-4]	0,41	ppm	4-Acid Digestion	
	Chromium (Cr)	[7440-47-3]	5,39	ppm	4-Acid Digestion	
	Caesium (Cs)	[7440-46-2]	0,09	ppm	4-Acid Digestion	
	Copper (Cu)	[7440-50-8]	4,9	ppm	4-Acid Digestion	
	Iron (Fe)	[7439-89-6]	0,35	%	4-Acid Digestion	
	Gallium (Ga)	[7440-55-3]	0,22	ppm	4-Acid Digestion	
	Hafnium (Hf)	[7440-58-6]	0,2	ppm	4-Acid Digestion	

Indium (In)	[7440-74-6]	<0,020	ppm	4-Acid Digestion
Potassium (K)	[7440-09-7]	<0,010	%	4-Acid Digestion
Lanthanum (La)	[7439-91-0]	0,88	ppm	4-Acid Digestion
Lithium (Li)	[7439-93-2]	15	ppm	4-Acid Digestion
Magnesium (Mg)	[7439-95-4]	<0,010	%	4-Acid Digestion
Manganese (Mn)	[7439-96-5]	0,004	%	4-Acid Digestion
Molybdenum (Mo)	[7439-98-7]	0,48	ppm	4-Acid Digestion
Sodium (Na)	[7440-23-5]	<0,010	%	4-Acid Digestion
Niobium (Nb)	[7440-03-1]	0,55	ppm	4-Acid Digestion
Nickel (Ni)	[7440-02-0]	3,33	ppm	4-Acid Digestion
Phosphorus (P)	[7723-14-0]	<0,010	%	4-Acid Digestion
Rubidium (Rb)	[7440-17-7]	0,28	ppm	4-Acid Digestion
Rhenium (Re)	[7440-15-5]	<0,002	ppm	4-Acid Digestion
Sulfur (S)	[7704-34-9]	<0,010	%	4-Acid Digestion
Antimony (Sb)	[7440-36-0]	0,14	ppm	4-Acid Digestion
Selenium (Se)	[7782-49-2]	<1,00	ppm	4-Acid Digestion
Tin (Sn)	[7440-31-5]	0,4	ppm	4-Acid Digestion
Strontium (Sr)	[7440-24-6]	0,62	ppm	4-Acid Digestion
Tantalum (Ta)	[7440-25-7]	<0,050	ppm	4-Acid Digestion

Tellurium (Te)	[13494-80-9]	<0,050	ppm	4-Acid Digestion
Titanium (Ti)	[7440-32-6]	0,016	%	4-Acid Digestion
Thallium (Tl)	[7440-28-0]	<0,020	ppm	4-Acid Digestion
Tungsten (W)	[7440-33-7]	0,11	ppm	4-Acid Digestion
Yttrium (Y)	[7440-65-5]	0,57	ppm	4-Acid Digestion
Zinc (Zn)	[7440-66-6]	3,28	ppm	4-Acid Digestion