

**W ore, Au <1 ppm, Fe ore, Au-Cu ore, Matrix: magnetite skarn, Mineralisation Style: skarn**

Art. ID OREAS-700-X  
Unit on request  
Deliverydetails No Dangerous Good

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Tungsten (W)	[7440-33-7]	1,13	%	Borate Fusion XRF	
	Copper (Cu)	[7440-50-8]	0,202	%	4-Acid Digestion	
	Aluminium(III) oxide (Al <sub>2</sub> O <sub>3</sub> )		10,62	%	Borate Fusion XRF	
	Calcium oxide (CaO)	[1305-78-8]	7,86	%	Borate Fusion XRF	
	Copper (Cu)	[7440-50-8]	0,204	%	Borate Fusion XRF	
	Iron (Fe)	[7439-89-6]	16,06	%	Borate Fusion XRF	
	Potassium oxide (K <sub>2</sub> O)		1,89	%	Borate Fusion XRF	
	Magnesium oxide (MgO)	[1309-48-4]	1,74	%	Borate Fusion XRF	
	Manganese oxide (MnO)		0,415	%	Borate Fusion XRF	
	Sodium oxide (Na <sub>2</sub> O)	[1313-59-3]	1,65	%	Borate Fusion XRF	
	Phosphorus (P)	[7723-14-0]	0,353	%	Borate Fusion XRF	
	Sulfur (S)	[7704-34-9]	0,304	%	Borate Fusion XRF	
	Silicon dioxide (SiO <sub>2</sub> )	[7631-86-9]	47,3	%	Borate Fusion XRF	
	Titanium dioxide (TiO <sub>2</sub> )	[13463-67-7]	0,32	%	Borate Fusion XRF	
	Loss on Ignition (L.O.I.) (1000 °C)		1,95	%	Thermogravimetry	
	Aluminium (Al)	[7429-90-5]	5,57	%	4-Acid Digestion	

					estion
Calcium (Ca)	[7440-70-2]	5,55	%	4-Acid Dig	estion
Iron (Fe)	[7439-89-6]	15,57	%	4-Acid Dig	estion
Potassium (K)	[7440-09-7]	1,57	%	4-Acid Dig	estion
Magnesium (Mg)	[7439-95-4]	0,995	%	4-Acid Dig	estion
Manganese (Mn)	[7439-96-5]	0,314	%	4-Acid Dig	estion
Sodium (Na)	[7440-23-5]	1,21	%	4-Acid Dig	estion
Phosphorus (P)	[7723-14-0]	0,347	%	4-Acid Dig	estion
Sulfur (S)	[7704-34-9]	0,295	%	4-Acid Dig	estion
Titanium (Ti)	[7440-32-6]	0,179	%	4-Acid Dig	estion
Tungsten (W)	[7440-33-7]	0,989	%	4-Acid Dig	estion
Aluminium (Al)	[7429-90-5]	3,13	%	Aqua Regia	Digestion
Calcium (Ca)	[7440-70-2]	4,45	%	Aqua Regia	Digestion
Copper (Cu)	[7440-50-8]	0,203	%	Aqua Regia	Digestion
Iron (Fe)	[7439-89-6]	14,66	%	Aqua Regia	Digestion
Potassium (K)	[7440-09-7]	1,24	%	Aqua Regia	Digestion
Magnesium (Mg)	[7439-95-4]	0,948	%	Aqua Regia	Digestion
Manganese (Mn)	[7439-96-5]	0,237	%	Aqua Regia	Digestion
Sodium (Na)	[7440-23-5]	0,164	%	Aqua Regia	Digestion
Phosphorus (P)	[7723-14-0]	0,34	%	Aqua Regia	

					Digestion
Sulfur (S)	[7704-34-9]	0,297	%		Aqua Regia Digestion
Titanium (Ti)	[7440-32-6]	0,097	%		Aqua Regia Digestion
Iron(II) oxide (FeO)		12,07	%		Acid Diges tion Titra tion
Mass recovered (MassRec )		11,28	%		Davis Tube Recovery
Iron(II,III) oxide (Fe <sub>3</sub> O <sub>4</sub> )		10,91	%		Satmagan 1 35