

	Analysis By ICP-MS	Samples Leached with 2-2-2 (HCl-HNO3-H2O @ 95°C (1) hour; Analyzed by ICP/ES & MS	Sample By LIBO2/LI2B4Oz Fusion; Analysis By ICP/MS
Ag (Silver)	0.006 ppm	31 ppb	
Al (Aluminum)	6000 ppm	1.63%	
As (Arsenic)	3.65 ppm	12.9 ppm	
Au (Gold)	ND <5 ppb	2.3 ppb	
B (Boron)	<0.5 ppm	100 ppm	
Ba (Barium)	0.15 ppm	156.5 ppm	545 ppm
Be (Beryllium)	4.5 ppm	1.0 ppm	
Bi (Bismuth)	ND <5 ppb	0.28 ppm	2 ppm
Br (Bromine)	<0.5 ppm		
Ca (Calcium)	709 ppm	3.83%	
Cd (Cadmium)	0.79 ppm	0.21 ppm	
Ce (Cerium)	70 ppm	57.3 ppm	80 ppm
Cl (Chlorine)	0.14 ppm		
Co (Cobalt)	29 ppm	11 ppm	11.8 ppm
Cr (Chromium)	11 ppm	20.5 ppm	
Cs (Cesium)	0.002 ppm	5.77 ppm	8.7 ppm
Cu (Copper)	2.5 ppm	25.23 ppm	
Dy (Dysprosium)	4.8 ppm		3.52 ppm
Er (Erbium)	2.2 ppm		2.07 ppm
Eu (Europium)	1.4 ppm		1.09 ppm
Fe (Iron)	27,747 ppm (2.77%)	2.71%	
Ga (Gallium)	0.140 ppm	6.4 ppm	17.4 ppm
Gd (Gadolinium)	6.06 ppm		4.10 ppm
Ge (Germanium)	0.05 ppm	0.10 ppm	
Hf (Hafnium)	ND <2 ppb	0.69 ppm	4.7 ppm
Hg (Mercury)		0.016 ppm	
Ho (Holmium)	0.86 ppm		0.75 ppm
In (Indium)	0.033 ppm	0.03 ppm	
Ir (Iridium)	ND <5 ppb		
K (Potassium)	<5 ppm	1.00%	
La (Lanthanum)	26.5 ppm	26.7 ppm	36 ppm
Li (Lithium)	1.53 ppm	140.4 ppm	
Lu (Lutetium)	0.25 ppm		0.33 ppm

Mg (Magnesium)	1,016 ppm	2.36%	
Mn (Manganese)	134 ppm	692 ppm	
Mo (Molybdenum)	0.017 ppm	0.32 ppm	
Na (Sodium)	37 ppm	0.39%	
Nb (Niobium)	0.023 ppm	0.14 ppm	14.5 ppm
Nd (Neodymium)	35 ppm		27.7 ppm
Ni (Nickel)	31.7 ppm	19.7 ppm	22 ppm
Os (Osmium)	ND <5 ppb		
P (Phosphorous)	142 ppm	0.06%	
Pb (Lead)	ND <10 ppb	23 ppb	
Pd (Palladium)	Tr ND <20 ppb	13 ppb	
Pr (Prmium)	8.6 ppm		8 ppm
Pt (Platinum)	ND <1 ppb	2 ppb	
Rb (Rubidium)	0.017 ppm	61.7 ppm	148 ppm
Re (Rhenium)	0.0012 ppm	1.0 ppb	
Rh (Rhodium)	ND <1 ppb		
Ru (Ruthenium)	ND <5 ppb		
S (Sulfur)	35 ppm	0.01%	
Sb (Antimony)	ND <5 ppb	1.07 ppm	
Sc (Scandium)	3.4 ppm	4.6 ppm	10 ppm
Se (Selenium)	<50 ppb	0.30 ppm	
Si (Silicon)	112 ppm		
Sm (Samarium)	7.1 ppm		5.7 ppm
Sn (Tin)	ND <5 ppb	1.2 ppm	2 ppm
Sr (Strontium)	3.6 ppm	527 ppm	656 ppm
Ta (Tantalum)	ND <2 ppb	<0.05 ppm	1.1 ppm
Tb (Terbium)	0.857 ppm		0.70 ppm
Te (tellurium)	0.005 ppm	0.03 ppm	
Th (Thorium)	11 ppm	10.4 ppm	14 ppm
Ti (Titanium)	<1,000 ppb	0.08% (800 ppm)	
Tl (Thallium)	ND <1 ppb	0.43 ppm	
Tm (Thulium)	0.3 ppm		0.34 ppm
U (Uranium)	1.38 ppm	10 ppm	12 ppm
V (Vanadium)	1.52 ppm	44 ppm	
W (Tungsten)	ND <2 ppb	<0.1 ppm	1.6 ppm
Y (Yttrium)	22 ppm	10.51 ppm	23 ppm
Yb (Ytterbium)	1.8 ppm		2.51 ppm

Zn (Zinc)	94 ppm	80 ppm	
Zr (Zirconium)	0.316 ppm	21 ppm	156.5 ppm
Silicon Di-Oxide (SiO ₂)			52.37%
Aluminum Oxide (Al ₂ O ₃)			13.33%
Iron Oxide (Fe ₂ O ₃)			4.74%
Magnesium Oxide (MgO)			4.72%
Sodium Oxide (Na ₂ O)			1.57%
Titanium Oxide (TiO ₂)			0.62%
Phosphate (P ₂ O ₅)			0.14%
Potash (K ₂ O)			5.53%
Manganous Oxide (MnO)			0.09%
Chromiumtrioxide (Cr ₂ O ₃)			0.00%