

Lake Ramsey Sediment (lot 1024) - Trace Elements

Art. ID	NW-SUD-1
Unit	100 g
Deliverydetails	No Dangerous Good /not restricted

Description

Sediment collected from Lake Ramsay in Sudbury, Ontario, Canada, a well-known mining area, It has high cobalt, copper and nickel levels, but low mercury levels.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Aluminium (Al)	[7429-90-5]	1,54 ± 0,32	%		
	Antimony (Sb)	[7440-36-0]	0,540 ± 0,328	µg/g		
	Barium (Ba)	[7440-39-3]	118 ± 19	µg/g		
	Beryllium (Be)	[7440-41-7]	0,519 ± 0,130	µg/g		
	Cadmium (Cd)	[7440-43-9]	1,64 ± 0,25	µg/g		
	Calcium (Ca)	[7440-70-2]	0,466 ± 0,120	%		
	Chromium (Cr)	[7440-47-3]	55,0 ± 9,1	µg/g		
	Cobalt (Co)	[7440-48-4]	38,7 ± 6,5	µg/g		
	Copper (Cu)	[7440-50-8]	549 ± 60	µg/g		
	Iron (Fe)	[7439-89-6]	2,65 ± 0,5	%		
	Lead (Pb)	[7439-92-1]	48,1 ± 6,6	µg/g		
	Lithium (Li)	[7439-93-2]	15,0 ± 2,0	µg/g		
	Magnesium (Mg)	[7439-95-4]	0,729 ± 0,13	%		
	Manganese (Mn)	[7439-96-5]	493 ± 67	µg/g		
	Mercury (Hg)	[7439-97-6]	0,118 ± 0,042	µg/g		
	Molybdenum (Mo)	[7439-98-7]	0,619 ± 0,186	µg/g		
	Nickel (Ni)	[7440-02-0]	852 ± 148	µg/g		
	Selenium (Se)	[7782-49-2]	2,72 ± 0,63	µg/g		
	Sodium (Na)	[7440-23-5]	324 ± 96	µg/g		
	Thallium (Tl)	[7440-28-0]	0,231 ± 0,067	µg/g		
	Uranium (U)	[7440-61-1]	1,19 ± 0,28	µg/g		
	Vanadium (V)	[7440-62-2]	36,8 ± 7,7	µg/g		