Standards Council of Canada
Conseil canadien des normes

SCOPE OF ACCREDITATION

COREM
ANALYTICAL SERVICES LABORATORY
1180, rue de la Minéralogie
Québec, QC
G1N 1X7

Accredited Laboratory No. 13
(Conforms with requirements of ISO/IEC 17025:2005)

CONTACT:	Alain Perron
TEL:	+1 418 527 8211 poste 498
FAX:	+1 418 527 9188
EMAIL:	alain.perron@corem.qc.ca
URL:	http://www.corem.qc.ca

CLIENTS SERVED:	All interested parties
FIELDS OF TESTING:	Chemical/Physical
INITIAL ACCREDITATION DATE:	1984-08-15
SCOPE ISSUED ON:	2019-03-13
ACCREDITATION VALID TO:	2020-08-15

Remarque: La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.

Note: This scope of accreditation is also available in French as a separately issued document.

METALLIC ORES AND PRODUCTS

Metallic Ores:

Rocks and Ores

LSA-M-A25	Determination of Major and Minor Elements (Si, Al, Fe, Mg, Ca, Na, K, Ti, Mn, P, Cr, V, Zr and Zn) in Various Mineral Matrices Using X-ray Fluorescence (XRF) Spectrometry Following Fusion

LSA-M-A32	Determination of Major and Minor Elements (Si, Al, Fe, Mg, Ca, Na, K, Ti, Mn, P, Cr, V, Zr and Zn) in Various Mineral Matrices Rich in Carbonates Using X-ray Fluorescence (XRF) Spectrometry Following Fusion
LSA-M-B02	Determination of Silver (Ag) in Various Mineral Matrices Using ICP-MS Following 2-Acid Digestion (HNO3, HCl)
LSA-M-B10	Determination of Graphitic Carbon in Various Mineral Matrices Using Infrared Combustion Furnace Following a Treatment with Nitric Acid
LSA-M-B116	Determination of Rare Earth Elements (Y, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb and Lu) in Various Mineral Matrices Using ICP-MS Following Lithium Metaborate Fusion
LSA-M-B12	Determination of Organic and Graphitic Carbon in Various Mineral Matrices Using Infrared Combustion Furnace Following a Treatment with Hydrochloric Acid
LSA-M-B121	Determination of Metallic Iron in Direct Reduced Iron and Hot Briquetted Iron Using Potassium Dichromate Titration Following Iron(III) Chloride Oxidation
LSA-M-B18	Determination of Total Iron in Concentrated and Agglomerated Iron Ores Using Potassium Dichromate Titration Following Fusion
LSA-M-AU	Determination of Gold in Various Mineral Matrices Using ICP-MS or ICP-OES Following Fire Assay
LSA-M-B33	Determination of Loss on Ignition (LOI) on Various Mineral Matrices at 1 050°C by Muffle Furnace Using Gravimetric Method
LSA-M-TGA	Determination of Loss on Ignition (LOI) on Various Mineral Matrices at 1 000°C by Gravimetric Method Using Thermogravimetric Analyzer (TGA)
LSA-M-B41	Determination of Total Sulfur in Various Mineral Matrices Using Infrared Combustion Furnace
LSA-M-B45	Determination of Total Carbon in Various Mineral Matrices Using Infrared Combustion Furnace
LSA-M-B85	Determination of Iron(II) in Soluble, Acidic, Carbonated and Refractory Rocks by Digestion and Potassium Dichromate Titration
LSA-M-ICP-4A	Determination of 26 Elements (Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sr, Th, Ti, V and Zn) in Various Mineral Matrices Using a combination of ICP-MS and ICP-OES Following a 4-Acid Digestion
LSA-M-LI	Determination of Lithium (Li) in Various Mineral Matrices Using ICP-MS or ICP-OES Following a 4-Acid Digestion

Notes:

ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories

ICP-OES: Inductively Coupled Plasma - Optical Emission Spectrometry

ICP-MS: Inductively Coupled Plasma - Mass Spectrometry

Elias Rafous, Vice President
Accreditation Services

Date: 2019-03-14

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Partner File #: 27833
Partner: BNQ-EL