

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: IGS Impact Global Solutions Inc.

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SCC File Number:	151086
Provider:	BNQ-EL
Provider File Number:	55138-1
Accreditation Standard(s):	General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Mineral Analysis
Initial Accreditation:	2019-04-15
Most Recent Accreditation:	2022-11-16
Accreditation Valid to:	2027-04-15

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

Mineral Analysis Testing

3A-ME-SAA/ICP	Geochemical analysis of multi-elements (Ag, Cu, Pb, Zn, Fe, Ni and Co) in various mineral matrices using 3 acid digestion followed by AAS or ICP-OES
4A-ME-ICP	Geochemical analysis of multi-elements (Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ho, In, La, Lu, Na, Nd, Ni, P, Pb, Rb, Re, Sc, Se, Sm, Sr, Tb, Th, Tl, Tm, U, V, Yb, Y, Zn) in various mineral matrices using 4 acid digestion followed by ICP-OES
BF-ME-ICP	Multi-element (Al, As, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Nb, Ni, P, Pb, Sb, Sc, Se, Sr, Ti, Tl, V, Y, Zn, Zr,) geochemical determination in various mineral substances by Lithium Tetra / Meta Borate fusion followed by ICP-OES
BF-REE-ICP	Rare Earth Elements (Ce, Dy, Er, Eu, Gd, Hf, Ho, La, Lu, Nd, Pr, Sc, Sm, Tb, Tm, Y, Yb) geochemical determination in various mineral substances by Lithium Tetra / Meta Borate fusion followed by ICP-OES
FA-GRAV-Au	Analysis of Gold by fire assay followed by gravimetric quantification
FC-MP-SAA/ICP	Determination of precious metals (Au, Pd, Pt) in various mineral matrices using fire assay followed by AAS or ICP-OES
ME-LOI	Preparation and determination of loss on ignition (LOI) on solid samples at 1050°C – Gravimetric method
SF-ME-ICP	Geochemical determination of multi-elements (Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Ho, In, La, Li, Lu, Mg, Mn, Nd, Ni, P, Pb, Pr, Rb, Sm, Tb, Th, Tl, Tm, U, V, Y, Yb, Zn) in various mineral substances by sodium peroxide fusion followed by a combination of ICP-OES and ICP-MS

Number of Scope Listings: 8

Notes:

ISO/IEC 17025:2017: General Requirements for the Competence of Testing and Calibration Laboratories



This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at www.scc.ca.

Elias Rafoul
Vice-President, Accreditation Services
Publication on: 2022-11-22