

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

Legal Name of Accredited Laboratory: **SGS Mexico
SGS MINERALES - DURANGO**

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SCC File Number:	15831
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Chemical/Physical
Program Specialty Area:	Mineral Analysis
Initial Accreditation:	2009-11-10
Most Recent Accreditation:	2023-09-28
Accreditation Valid to:	2025-11-10

The physical sample preparation involving accredited test method for Minerals Analysis as listed on the Scope of Accreditation may be performed at the SGS Mexico, SGS Minerales - Durango, SCC File 15831 location or at off-site sample preparation laboratories that are monitored regularly for quality control and quality assurance practices:

- Hermosillo Laboratory – San Luis Potosi #223 Col San Benito, C.P. 83190 Hermosillo, Sonora, Mexico.

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 document issued separately.

METALLIC ORES AND PRODUCTS

Mineral Analysis Testing

Mineral Assaying

GC/GT_CON08V	Determination of Total Iron by Titration with Potassium Dichromate
GC/GT_CON11AV	Determination of Total Lead by Titration with EDTA
GC/GT_CON12AV	Determination of Total Zinc in Ores, Concentrates, Metallurgical Products and Metals by EDTA Titration
GE_AAS33E50	Determination of Silver in Exploration Grade Samples by Three Acid Digest and Atomic Absorption Spectroscopy
GE_FAA30V5/50V5	Determination of Gold in Exploration Samples by Lead Fusion Fire Assay and Atomic Absorption Spectrometry [30g; 50g]
GE_ICP21B20	Multi-element Determination in Exploration Grade Samples by Aqua Regia Digestion and Inductively Coupled Plasma Optical Emission Spectrometry [ICP-OES; Ag, Al, As, Ba, Be, Bi, Ca, Cd, Cr, Co, Cu, Fe, Hg, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sn, Sr, Ti, V, W, Y, Zn, Zr]
GE_ICP40Q12	Multi-element Determination in Exploration Grade Samples by Four Acid Digestion and Inductively Coupled Plasma Optical Emission Spectrometry [ICP-OES; Ag, Al, As, Ba, Be, Bi, Ca, Cd, Cr, Co, Cu, Fe, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sc, Sn, Sr, Ti, V, W, Y, Zn, Zr]
GO_FAG30V/50V	Determination of Ore Grade Gold by Lead Fusion Fire Assay and Gravimetric Finish [30g]
GO_FAG37V	Determination of Ore Grade Silver by Lead Fusion Fire Assay, Gravimetric measurement and Gold by Lead Fusion Fire Assay and Atomic Absorption Spectrometry [30g]
GO_ICP90Q100	Determination of Various Elements in Ore Grade Samples using Sodium Peroxide Fusion and Inductively Coupled Plasma Optical Emission Spectrometry [ICP-OES; As, Fe, Cu, Ni, Pb, Sb, Zn]
GO_AAS21C50	Determination of Metals in Ore Grade samples using Aqua Regia digestion and Atomic Absorption Spectrometry [Cu, Ag]

Number of Scope Listings: 11

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
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