

SCOPE OF ACCREDITATION

ALS PERU S.A.
Calle 1 Lt-1A Mz-D. Esq. Calle A. Urbanización Industrial Bocanegra
Lima, Callao, Perú,
CALLAO 01

Accredited Laboratory No. 670
(Conforms with requirements of CAN-P-1579 , CAN-P-4E (ISO/IEC 17025:2005))

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CLIENTS SERVED: Mining, Exploration and other interested parties

FIELDS OF TESTING: Chemical/Physical

PROGRAM SPECIALTY AREA: Mineral Analysis

ISSUED ON: 2011-10-07

VALID TO: 2014-03-01

METALLIC ORES AND PRODUCTS

Mineral Analysis Testing

Mineral Assaying

AA45 Ag, Cu, Pb and Zn - Determination of Base Metals
Using AAS Following an Aqua Regia Digestion.

AA46 Ag, Cu, Pb, Zn and Mo - Determination of Ores and
High Grade Materials Using AAS Following an Aqua
Regia Digestion.

AA61

	Ag, Mo, Cu, Ni, Pb and Zn - Determination of Base Metals Using AAS Following a Four Acid Digestion.
AA62	Ag, Cu, Mo, Ni, Pb and Zn - Determination of Ores and High Grade Materials Using AAS Following a Four Acid Digestion.
Au/Ag-GRA	Determination of Au and Ag by Lead Collection Fire Assay and Gravimetric Finish.
Au-AA	Determination of Au by Lead Collection Fire Assay and Atomic Absorption Spectrometry.
ICP81	Al, Co, Cu, Fe, Mg, Mn, Ni, Pb, S, and Zn by Sodium Peroxide Fusion and ICP-AES.
ME-ICP41	Multi-Element (Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn) Determination by Aqua Regia Digestion and ICP-AES.
ME-ICP61	Multi-Element (Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr) Determination by 4-Acid Digestion and ICP-AES.
PGM-ICP	Determination of Au, Pt and Pd by Lead Collection Fire Assay and ICP-AES.

S. Cross, Director, Conformity Assessment

Date: 2011-10-07

Number of Scope Listings: 10

SCC 1003-15/834

Partner File #0

Partner: