

852 East Hastings Street. Vancouver, BC, Canada V6A 1R6

Ph: (604) 253-3158 Fax (604) 253-1716 Toll free (North America only): 1-800-990-2263 E-mail: [info@acmelab.com](mailto:info@acmelab.com)

COMPANY: ANGLO AMERICAN AUSTRALIA

FILE#: A202320

BATCH: AU000063

PROJECT: NIL

TYPE OF SAMPLES: ROCK PULP

PREPARATION: NIL

ANALYTICAL PACKAGES:

53 ELEMENTS, GROUP 1F-MS

REAGENTS:

2:2:2 HNO3-HCL-H2O

SAMPLE SIZE:

WEIGHTS (g)	ACID (ml)	FINAL VOL. (ml)
30	180	600
15	90	300
7.5	45	150
1	6	20

PROCEDURE:

Digest in hot water bath for one hour.

INSTRUMENTS:

ICP-MS PERKIN-ELMER ELAN 6000

NOTE:

Package intended for un-mineralized samples.

Partial leached for refractory, alkaline and REE elements.

Not suitable for gold if samples contain massive sulfide and graphite.

\* 10x dilution due to high mineralization

Assay recommended for Mo, Cu, Pb, Zn, Ni, As, >10,000ppm

Ag

>99999 ppb

Elements	Detection	Upper Limits	Elements	Detection	Upper Limits	Elements	Detection	Upper Limits
Au	0.2ppb	100ppm	Mg	0.01%	30%	V	2ppm	10000ppm
Ag	2 ppb	100ppm	Mn	1ppm	10000ppm	W	0.01ppm	100ppm
Al	0.001%	10%	Mo	0.01ppm	2000ppm	Zn	0.1ppm	10000ppm
As	0.1ppm	10000ppm	Na	0.001%	10%	Be	0.1ppm	1000ppm
B	1 ppm	2000ppm	Ni	0.1ppm	10000ppm	Ce	0.01ppm	2000ppm
Ba	0.5ppm	10000ppm	P	0.001%	5%	Cs	0.02ppm	2000ppm
Bi	0.02ppm	2000ppm	Pb	0.01ppm	10000ppm	Ge	0.1ppm	100ppm
Ca	0.001%	40%	S	0.01%	10%	Hf	0.02ppm	1000ppm
Cd	0.01ppm	2000ppm	Sb	0.02ppm	2000ppm	In	0.02ppm	1000ppm
Co	0.1 ppm	2000ppm	Sc	0.1ppm	100ppm	Li	0.1ppm	2000ppm
Cr	0.5ppm	10000ppm	Se	0.1ppm	100ppm	Nb	0.02ppm	2000ppm
Cu	0.01ppm	10000ppm	Sr	0.5ppm	10000ppm	Rb	0.1ppm	2000ppm
Fe	0.001%	40%	Te	0.02ppm	100ppm	Re	1ppb	1000ppm
Hg	5ppb	100ppm	Th	0.1ppm	2000ppm	Sn	0.01ppm	100ppm
Ga	0.1ppm	100ppm	Ti	0.001%	10%	Ta	0.05ppm	2000ppm
K	0.001%	10%	Tl	0.02ppm	100ppm	Y	0.1ppm	2000ppm
La	0.5ppm	10000ppm	U	0.01ppm	2000ppm	Zr	0.1ppm	2000ppm
Pd	10ppb	1000 ppb	Pt	2 ppb	1000 ppb			