

# Schedule of Accreditation



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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	27/06/2006
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	Yes

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Head Office	IDA Business Park, Dublin Road, Loughrea, Galway, H62 K285

# Scope of Accreditation

## Head Office

### Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
797 Miscellaneous materials and products - .01 Chemical tests	Au Ore grade gold and silver with gravimetric finish	Ag	5 – 10000 ppm	Geological Specimens	Gravimetric Finish after Fire Assay using Lead Collection	Ag-GRA21 (30g)
			Ag 5 – 10000 ppm	Geological Specimens	Gravimetric Finish after Fire Assay using Lead Collection	Ag-GRA22 (50g)
		Au	0.05 – 10000 ppm	Geological Specimens	Gravimetric Finish after Fire Assay using Lead Collection	Au-GRA22 (50g)
			0.05 – 10000 ppm	Geological Specimens	Gravimetric Finish after Fire Assay using Lead Collection	Au-GRA21 (30g)
	Au Ore grade gold by aqua regia extraction with ICP-MS finish	0.01 - 100 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-OG43(25g)	
		0.01 - 100 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-OG44(50g)	

Au Super Trace gold by aqua regia ICP-MS finish	0.0001 - 0.1 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-ST43 (25g)
	0.0001 - 0.1 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-ST44 (50g)
Au Trace level gold analysis by lead fire assay and AA determination.	0.005 - 10 ppm	Geological Specimens	AA-Atomic Emission after Fire Assay using Lead Collection	Au-AA23 (30g)
	0.005 - 10 ppm	Geological Specimens	AA-Atomic Absorption after Fire Assay using Lead Collection	Au-AA24 (50g)
	0.01 - 100 ppm	Geological Specimens	AA-Atomic Absorption after Fire Assay using Lead Collection	Au-AA25 (30g)
	0.01 - 100 ppm	Geological Specimens	AA-Atomic Absorption after Fire Assay using Lead Collection	Au-AA26 (50g)
Au Trace Level gold by aqua regia extraction with ICP-MS finish	0.001 - 1.0 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-TL43(25g)
	0.001 - 1.0 ppm	Geological Specimens	ICP-MS - Inductively Coupled Plasma - Mass Spectrometer after Aqua Regia digestion	Au-TL44(50g)
Au Trace Level to Low Grade Gold analysis by lead fire assay and ICP-AES	0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	Au-ICP21 (30g)

determination.					
		0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	Au-ICP22 (50g)
Au, Pt, Pd Trace level to ore grade analysis for gold, platinum and palladium by lead fire assay and combination AA/ICP-AES determination.		0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP23 (30g)
		0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP24 (50g)
	Pd	0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP23 (30g)
		0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP24 (50g)
	Pt	0.005 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP23 (30g)
		0.005 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	PGM-ICP24 (50g)
Carbon (total)	C	0.01 – 50%	Geological Specimens	Total Carbon by Leco Furnace and Infrared Spectroscopy	C-IR07
Determination of major and minor elements in Bauxite ores by Fusion XRF. Unnormalized/ Normalised	Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
Ferrous Fe	Fe	0.01 – 100%	Geological	Titration with	Fe-VOL05

Determination of by Acid Decomposition and Titration with Potassium Permanganate or Strong Oxidizing Agent			Specimens	Potassium Permanganate or Strong Oxidizing Agent following Acid Decomposition	
Loss on Ignition at 1000 °C	LOI	0.01 - 100 %	Geological Specimens	Loss on Ignition at 1000 °C	OA-GRA05
Multi Element Analysis ICP-AES analysis of Base Metal Ores and Mill Products following a strong oxidizing acid digestion	Ag	1 - 1500 ppm	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	As	0.005 - 30.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Bi	0.005 - 30.00 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Ca	0.01 - 50.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Cd	0.001 - 10.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Co	0.001 - 20.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Cr	0.002 - 30.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Cu	0.005 - 40.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Fe	0.01 - 100.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE
	Hg	8 - 10000 ppm	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE

Mg	0.01 - 50.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Mn	0.005 - 50.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Mo	0.001 - 10.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Ni	0.001 - 30.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
P	0.01 - 20.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Pb	0.01 - 30.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
S	0.05 - 50.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Sb	0.005 - 100.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Tl	0.005 - 1.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Zn	0.01 - 100.0 %	Geological Specimens	ICP-AES analysis following a strong oxidizing acid digestion	ME-ICPORE	
Multi-element ICP-AES analysis following 4-acid digestion.	Ag	0.5 - 100 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
	Al	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
	As	5 - 10,000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61

Ba	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Be	0.5 - 1000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Bi	2 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Ca	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Cd	0.5 - 1000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Co	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Cr	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Cu	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Fe	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Ga	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
K	0.01 - 10 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
La	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Mg	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61

Mn	5 - 100000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Mo	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Na	0.01 - 10.00 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Ni	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
P	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Pb	2 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
S	0.01 - 10.0 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Sb	5 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Sc	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Sr	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Th	20 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Ti	0.01 - 10 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
Tl	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61



		U	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
		V	1 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
		W	10 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
		Zn	2 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-ICP61
	Multi-element ICP-AES analysis following aqua regia digestion	Ag	0.2 - 100 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		Al	0.01 - 25 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		As	2 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		B	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		Ba	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		Be	0.5 - 1000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		Bi	2 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
		Ca	0.01 - 25 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma	ME-ICP41

			analysis following aqua regia digestion	
Cd	0.5 - 1000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Co	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Cr	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Cu	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Fe	0.01 - 50 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Ga	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Hg	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
K	0.01 - 10 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
La	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Mg	0.01 - 25 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41

Mn	5 - 50000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Mo	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Na	0.01 - 10 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Ni	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
P	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Pb	2 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
S	0.01 - 10 %	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Sb	2 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Sc	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Sr	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Th	20 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua	ME-ICP41

			regia digestion		
	Tl	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
	Ti	0.01 - 10 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
	U	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
	V	1 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
	W	10 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
	Zn	2 - 10000 ppm	Geological Specimens	ICP-AES-Inductively Coupled Plasma analysis following aqua regia digestion	ME-ICP41
Multi-element ICP-AES analysis of Base Metal Ores following 4-acid digestion.	Ag	1 - 1500 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
	Al	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
	As	0.001 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
	Bi	0.001 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
	Ca	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62

Cd	0.001 - 10 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Co	0.0005 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Cr	0.002 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Cu	0.001 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Fe	0.01 - 100 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
K	0.01 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Li	0.01 - 10 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Mg	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Mn	0.01 - 60 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Mo	0.001 - 10 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Na	0.01 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
Ni	0.001 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
P	80 - 200000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62

		Pb	0.001 - 20 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		S	0.01 - 50 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		Sb	0.002 - 100 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		Sc	1 - 10000 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		Sr	0.01 - 20 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		U	50 - 10000 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		V	0.01 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		W	80 - 10000 ppm	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
		Zn	0.001 - 30 %	Geological Specimens	ICP-AES analysis following 4-acid digestion.	ME-OG62
	Multi-element ICP-AES analysis of low grade ore samples with some mineralisation following aqua regia digestion.	Ag	1 - 1500 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
		As	0.001 - 60 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
		Cd	0.001 - 10 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
		Co	0.0005 - 30 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46

			digestion.		
	Cu	0.001 - 50 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Fe	0.01 - 100 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Mn	0.01 - 60 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Mo	0.001 - 10 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Ni	0.001 - 30 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Pb	0.001 - 20 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	S	0.01 - 10 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
	Zn	0.001 - 30 ppm	Geological Specimens	ICP-AES analysis following aqua regia digestion.	ME-OG46
Multi-element ultra-trace ICP-MS and ICP-AES analysis following 4-acid digestion	Ag	0.01 - 100 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Al	0.01 - 50 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	As	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Ba	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Be	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-	ME-MS61

			acid digestion	
Bi	0.01 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ca	0.01 - 50 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Cd	0.02 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ce	0.01 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Co	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Cr	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Cs	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Cu	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Fe	0.01 - 50 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ga	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ge	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Hf	0.1 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
In	0.005 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
K	0.01 - 10 %	Geological	ICP-MS and ICP-AES	ME-MS61



		Specimens	analysis following 4-acid digestion	
La	0.5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Li	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Mg	0.01 - 50 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Mn	5 - 100000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Mo	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Na	0.01 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Nb	0.1 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ni	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
P	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Pb	0.5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Rb	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Re	0.002 - 50 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
S	0.01 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61

Sb	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Sc	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Se	1.0 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Sn	0.2 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Sr	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ta	0.05 - 100 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Te	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Th	0.01 - 10,000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Ti	0.005 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
Tl	0.02 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
U	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
V	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
W	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61

Multi-element ultra-trace ICP-MS and ICP-AES analysis following aqua regia digestion.	Y	0.1 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Zn	2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Zr	0.5 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
	Ag	0.01 - 100 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Al	0.01 - 25 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	As	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Au	0.02 - 25 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	B	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Ba	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Be	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Bi	0.01 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Ca	0.01 - 25 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Cd	0.01 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41

Ce	0.02 - 50 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Co	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Cr	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Cs	0.05 - 50 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Cu	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Fe	0.01 - 50 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Ga	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Ge	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Hf	0.02 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Hg	0.01 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
In	0.005 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
K	0.01 - 10.0 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
La	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41

Li	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Mg	0.01 - 25.0%	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Mn	5 - 50000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Mo	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Na	0.01 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Nb	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Ni	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
P	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Pb	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Rb	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Re	0.001 - 50 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
S	0.01 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Sb	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41

Sc	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Se	0.2 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Sn	0.2 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Sr	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Ta	0.01 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Te	0.01 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Th	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Ti	0.005 - 10 %	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Tl	0.02 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
U	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
V	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
W	0.05 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Y	0.05 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41

	Zn	2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
	Zr	0.5 - 500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following aqua regia digestion.	ME-MS41
Potash: Water Soluble Elements in Potash Exploration Samples by ICP-AES	Ca	0.01 - 25 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K
Refractory and Rare Earth analysis by ICP-MS and ICP-AES following a Lithium Metaborate Fusion	Ag	1 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Ba	0.5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Be	1 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Ce	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Co	0.5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Cr	10 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Cs	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
	Cu	5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81

Dy	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Er	0.03 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Eu	0.03 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Ga	0.1 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Gd	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Ge	5 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Hf	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Ho	0.01 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
In	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
La	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Lu	0.01 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium	ME-MS81



			Metaborate Fusion	
Mo	2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Nb	0.2 - 2500 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Nd	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Ni	5 - 10000ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Pb	5 - 10000ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Pr	0.03 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Rb	0.2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Sm	0.03 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Sn	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Sr	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Ta	0.1 - 2500 ppm	Geological	ICP-MS and ICP-AES	ME-MS81

		Specimens	analysis following a Lithium Metaborate Fusion	
Tb	0.01 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Th	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Tl	0.5 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Tm	0.01 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
U	0.05 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
V	5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
W	1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Y	0.1 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Yb	0.03 - 1000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Zn	5 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81

	Zr	2 - 10000 ppm	Geological Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
Sulphur (total)	S	0.01 – 50%	Geological Specimens	Total Sulfur by Leco Furnace and Infrared Spectroscopy	S-IR08
Whole rock (Major oxides) WD-XRF analysis on fused beads (Normalised/Un-normalized)	Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	As	0.001 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Ba	0.001 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	CaO	0.01 - 40 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Cl	0.001 - 6 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Co	0.001 - 5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Cr <sub>2</sub> O <sub>3</sub>	0.001 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Cu	0.001 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Fe	0.01 - 74.8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Fe	0.01 - 50 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K
	K	0.01 - 55 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K
	K <sub>2</sub> O	0.001 - 6.3 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
Mg	0.01 - 25 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K	

	MgO	0.01 - 40 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Mn	0.001 - 25 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Na	0.01 - 42 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K
	Na <sub>2</sub> O	0.005 - 8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Ni	0.001 - 8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	P	0.001 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Pb	0.001 - 2 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	S	0.001 - 5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
		0.01 - 30 %	Geological Specimens	ICP-AES analysis following de-ionized water leach	ME-ICP03K
	SiO <sub>2</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Sn	0.001 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Sr	0.001 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	TiO <sub>2</sub>	0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Total	0.01 - 110 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	V	0.001 - 5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Zn	0.001 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
	Zr	0.001 - 1 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF21n/u
Whole Rock Analysis by ICP-AES following a Lithium Metaborate Fusion	Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI)	ME-ICP06

			at 1000 °C	
BaO	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
CaO	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
Cr <sub>2</sub> O <sub>3</sub>	0.002 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
Fe <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
K <sub>2</sub> O	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
MgO	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
MnO	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
Na <sub>2</sub> O	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
P <sub>2</sub> O <sub>5</sub>	0.01 - 100 %	Geological	ICP-AES analysis	ME-ICP06

				Specimens	following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	
		SiO <sub>2</sub>	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		SrO	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		TiO <sub>2</sub>	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
	Whole Rock Analysis on potash samples by Fusion/XRF, Unnormalized.	Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		BaO	0.01 - 66 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		CaO	0.01 - 60 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		Cl	0.01 - 65 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		Cr <sub>2</sub> O <sub>3</sub>	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		Fe <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		K <sub>2</sub> O	0.01 - 65 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		MgO	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		MnO	0.01 - 39 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		Na <sub>2</sub> O	0.01 - 55 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k

	P <sub>2</sub> O <sub>5</sub>	0.01 - 46 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
	SiO <sub>2</sub>	0.05 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
	SO <sub>3</sub>	0.01 - 71 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
	SrO	0.01 - 1.50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
	TiO <sub>2</sub>	0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
XRF Analysis of Chromite/ Manganese ore samples by fused disc/XRF	Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	BaO	0.01 - 66 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	CaO	0.01 - 60 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	Cr <sub>2</sub> O <sub>3</sub>	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	Fe <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	K <sub>2</sub> O	0.01 - 15 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	MgO	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	MnO	0.01 - 39 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	Na <sub>2</sub> O	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	P <sub>2</sub> O <sub>5</sub>	0.01 - 46 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	SiO <sub>2</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	SO <sub>3</sub>	0.01 - 34 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	SrO	0.01 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
	TiO <sub>2</sub>	0.01 - 30 %	Geological	WD-XRF analysis on	ME-XRF26

				Specimens	fused beads	
		Total	0.01 - 110 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
XRF Analysis of Phosphate by Fusion/XRF with addition of selected REE's		Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		CaO	0.01 - 60 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		Fe <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		K <sub>2</sub> O	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		MgO	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		MnO	0.01 - 31 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		Na <sub>2</sub> O	0.01 - 11 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		P <sub>2</sub> O <sub>5</sub>	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		SiO <sub>2</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		TiO <sub>2</sub>	0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		Total	0.01 - 110 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
XRF Determination of major and minor elements in Bauxite ores by Fusion XRF. Unnormalized/ Normalised		Al <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
		BaO	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		CaO	0.01 - 40 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
			0.01 - 40 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u



Co	0.001 - 7 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
Cr <sub>2</sub> O <sub>3</sub>	0.005 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
Cu	0.001 - 1.6 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
Fe <sub>2</sub> O <sub>3</sub>	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
K <sub>2</sub> O	0.001 - 6.3 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
	0.01 - 6.3 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
MgO	0.01 - 40 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
MnO	0.005 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
	0.01 - 31 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
Na <sub>2</sub> O	0.01 - 5.3 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
	0.01 - 5.3 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
Ni	0.005 - 7.8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
P <sub>2</sub> O <sub>5</sub>	0.005 - 23 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
	0.01 - 23 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
Pb	0.005 - 1.8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
SiO <sub>2</sub>	0.05 - 100% %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
	0.05 - 100 %	Geological	WD-XRF analysis on	ME-XRF13 u/n

				Specimens	fused beads	
		SO <sub>3</sub>	0.01 - 12.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		SrO	0.01 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		TiO <sub>2</sub>	0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
			0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		Total	0.01 - 110 %.	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		V <sub>2</sub> O <sub>5</sub>	0.01 - 8 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		Zn	0.001 - 1.6 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
			0.01 - 1.6 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		ZrO <sub>2</sub>	0.01 - 1.5 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
	XRF Determination of major and minor elements in Nickel Laterite ores by Fusion XRF Unnormalized/ Normalised	Total	0.01 - 110 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u