Schedule of Accreditation

Organisation Name	OMAC Laboratories Ltd
Trading As	ALS Loughrea
INAB Reg No	173T
Contact Name	Louise Clarke
Address	IDA Business Park, Dublin Road, Loughrea, Galway
Contact Phone No	091-841-741
Email	louise.clarke@ALSGlobal.com
Website	http://www.omaclabs.com
Accreditation Standard	ISO 17025 T
Date Initially Awarded	27/06/2006
Scope Classification	Chemical testing
Services available to the public[1]	Yes

[1] 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 determination.		0.001 - 10 ppm	Geological Specimens	Combination AA/ICP-AES after Fire Assay using Lead Collection	Au-ICP21 (30g)
			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_2O_3	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
Ferrous Fe Determination of by Acid Decomposition and Titration with Potassium Dichromate	Fe	0.01 – 100%	Geological Specimens	Titration with Potassium Dichromate following Acid Decomposition	Fe-VOL05
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 analysis following aqua regia digestion	ME-ICP41
		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	ME-ICP41

			aqua regia digestion	
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 regia digestion	ME-ICP41
		TI	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
		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-acid digestion	ME-MS61
		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	ICP-MS and ICP-AES	ME-MS61

		Specimens	analysis following 4-acid digestion	
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 Specimens	ICP-MS and ICP-AES analysis following 4-acid digestion	ME-MS61
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	ICP-MS and ICP-AES	ME-MS61

			Specimens	analysis following 4-acid digestion	
	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
	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
Multi-element ultra-	Ag	0.01 - 100 ppm	Geological	ICP-MS and ICP-AES	ME-MS41

trace ICP-MS and ICP-AES analysis following aqua regia digestion.			Specimens	analysis following aqua regia digestion.	
	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	ME-MS41

			aqua regia digestion.	
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	ME-MS41

					aqua regia digestion.	
		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 anaysis 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 Metaborate Fusion	ME-MS81
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	ME-MS81

			Lithium Metaborate Fusion	
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 Specimens	ICP-MS and ICP-AES analysis following a Lithium Metaborate Fusion	ME-MS81
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_2O_3	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_2O_3	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_2O	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_2O	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_2	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_2	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_2O_3	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		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_2O_3	0.002 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		Fe_2O_3	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		K_2O	0.01 - 100 %	Geological	ICP-AES analysis	ME-ICP06

				Specimens	following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	
		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_2O	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		P_2O_5	0.01 - 100 %	Geological Specimens	ICP-AES analysis following Lithium Borate Fusion plus Loss on Ignition (LOI) at 1000 °C	ME-ICP06
		SiO_2	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_2	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_2O_3	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_2O_3	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		Fe_2O_3	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		K_2O	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_2O	0.01 - 55 %	Geological	WD-XRF analysis on	ME-XRF26k

				Specimens	fused beads	
		P_2O_5	0.01 - 46 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		SiO_2	0.05 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26k
		SO_3	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_2	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_2O_3	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_2O_3	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		Fe_2O_3	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		K_2O	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_2O	0.01 - 10 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		P_2O_5	0.01 - 46 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		SiO_2	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		SO_3	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_2	0.01 - 30 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF26
		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_2O_3	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_2O_3	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		K_2O	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_2O	0.01 - 11 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		P_2O_5	0.01 - 50 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		SiO_2	0.01 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF24
		TiO_2	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_2O_3	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_2O_3	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_2O_3	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_2O	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_2O	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_2O_5	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_2	0.05 - 100% %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF12n/u
			0.05 - 100 %	Geological Specimens	WD-XRF analysis on fused beads	ME-XRF13 u/n
		SO_3	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_2	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_2O_5	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_2	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