

Cameco Australia

NTEL - Geochemistry Methods

	Element Analysis	Analytical Method	Unit	Detection Limit	Digestion	Technique	Precision	Sample size submitted	Jaw Crushers 6 to 10mm	Rollers <1 to 2mm	Milled_75 microns	Rifle Split
Fire assay, B and LOI	LOI	C110	%	0.1		GRAV	PREC±10%	>25 mm	Yes	No	Keegor	No
	SiO2	Calc	per	0.1			PREC±10%	>25 mm	Yes	No	Keegor	No
	Au	FAPMM	ppb		1 FA	AAS	PREC±10%	>25 mm	Yes	No	LM1	No
	Pd	FAPMM	ppb	0.5	FA	ICP-MS	PREC±10%	>25 mm	Yes	No	Keegor	No
	Pt	FAPMM	ppb	0.5	FA	ICP-MS	PREC±10%	>25 mm	Yes	No	Keegor	No
	B	G140I	ppm	20	F140	ICP-OES	PREC±10%	>25 mm	Yes	No	LM1	No
Standard 400G series	Al2O3	G400I	ppm	100	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Ba	G400I	ppm	2	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	CaO	G400I	ppm	20	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Cu	G400I	ppm	1	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Fe2O3	G400I	ppm	50	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	K2O	G400I	ppm	100	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Li	G400I	ppm	1	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	MgO	G400I	ppm	20	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	MnO	G400I	ppm	2	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Na2O	G400I	ppm	100	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	P2O5	G400I	ppm	50	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	S	G400I	ppm	20	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	TiO	G400I	ppm	20	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	V	G400I	ppm	2	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Zn	G400I	ppm	2	MA4	ICP-OES	PREC±10%	<10 mm	No	Yes	No	Yes
	Ag	G400M	ppm	0.05	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	As	G400M	ppm	0.5	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Be	G400M	ppm	0.1	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Bi	G400M	ppm	0.02	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Ce	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Co	G400M	ppm	0.05	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Dy	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Er	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Eu	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Gd	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Ho	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	La	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Lu	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Mo	G400M	ppm	0.05	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Nb	G400M	ppm	0.02	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Nd	G400M	ppm	0.02	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Ni	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb-204	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb-206	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb-207	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb-208	G400M	ppm	0.2	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pr	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Rb	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Se	G400M	ppm	2	G400	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Sm	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Sr	G400M	ppm	0.05	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Tb	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
	Th	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes
Tm	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes	
U(t)	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes	
Y	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes	
Yb	G400M	ppm	0.01	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes	
Zr	G400M	ppm	0.1	MA4	ICP-MS	PREC±10%	<10 mm	No	Yes	No	Yes	
Standard G950 series	Pb204	G950M	ppb	0.1	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb205	G950M	ppb	0.1	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb207	G950M	ppb	0.1	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
	Pb208	G950M	ppb	0.1	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
	PbTOT	G950M	ppb	0.1	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
	U	G950M	ppb	0.01	G950	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes