

# ChemNorth Analysis

Analysis	Analytical Method	Unit	Detection Limit	Digestion	Technique	Precision	Sample size Submitted	Jaw Crushers (6 to 10 mm)	Rollers (<1 to 2 mm)	Milled (75 microns)	Riffle Split
Fire assay, B and LOI											
Pt	FAPMM	ppb	0.5	FA	ICPMS	PREC±10%	>25 mm	Yes	No	Keegor	No
Pd	FAPMM	ppb	0.5	FA	ICPMS	PREC±10%	>25 mm	Yes	No	Keegor	No
LOI	C110	%	0.1		GRAV	PREC±10%	>25 mm	Yes	No	Keegor	No
B	G140I	ppm	20	G400	ICPOES	PREC±10%	>25 mm	Yes	No	Keegor	No
Au	FAPMM	ppb	1	FA	AAS	PREC±10%	>25 mm	Yes	No	Keegor	No
Standard 400G series											
Fe2O3	G400I	ppm	50	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Gd	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Ho	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
K2O	G400I	ppm	100	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
La	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Eu	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Lu	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Cs	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
MgO	G400I	ppm	20	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
MnO	G400I	ppm	2	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Li	G400I	ppm	1	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Er	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Mo	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Cu	G400I	ppm	1	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Ni	G400M	ppm	0.2	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Co	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Ce	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
CaO	G400I	ppm	20	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Bi	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Be	G400M	ppm	0.1	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Ba	G400I	ppm	2	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
As	G400M	ppm	0.5	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Al2O3	G400I	ppm	100	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Dy	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Sr	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Zr	G400M	ppm	0.1	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Zn	G400I	ppm	2	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Y	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
W	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
V	G400I	ppm	2	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
U	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Tm	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
TiO2	G400I	ppm	20	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Th	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Nb	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Ta	G400M	ppm	0.02	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Na2O	G400I	ppm	100	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Sn	G400M	ppm	0.2	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Sm	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Se	G400M	ppm	2	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
S	G400I	ppm	20	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Rb	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Pr	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
PbTOT	G400M	ppm	0.2	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
P2O5	G400I	ppm	50	G400	ICPOES	PREC±10%	<10 mm	No	Yes	No	Yes
Nd	G400M	ppm	0.02	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Ag	G400M	ppm	0.05	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes
Tb	G400M	ppm	0.01	G400	ICPMS	PREC±10%	<10 mm	No	Yes	No	Yes