

Class	Identity	NTEL Analytical Method Code	Technique	Detection Limits	Data Units
U Total Acid Digest	U_G400	G400M	ICPMS	0.01 ppm	ppm
U Partial Acid Digest	U_G950	G950M		0.01 ppb	ppb
Thorium	Th	G400M		0.01 ppm	ppm
Noble Metals	Au	FAPMM	AAS	1 ppb	ppb
	Pt	FAPMM	ICPOES		
	Pd	FAPMM			
		Ag	G400M	0.05 ppm	ppm
Majors <sup>2</sup>	SiO2	Calculated <sup>1</sup>			%
	TiO2	G400I	ICPOES	20 ppm	
	Al2O3	G400I		100 ppm	
	Fe2O3	G400I		50 ppm	
	MnO	G400I		2 ppm	
	MgO	G400I		20 ppm	
	CaO	G400I		20 ppm	
	Na2O	G400I		100 ppm	
	K2O	G400I		100 ppm	
	P2O5	G400I		50 ppm	
	LOI	LOI		GRAV	
Transition Elements	V	G400I	ICPOES	2 ppm	ppm
	Co	G400M	ICPMS	0.05 ppm	
	Ni	G400M		0.2 ppm	
	Cu	G400I	ICPOES	1 ppm	
	Zn	G400I	ICPOES	2 ppm	
Other Trace Elements	As	G400M	ICPMS	0.5 ppm	ppm
	B	G140I	ICPOES	20 ppm	
	Ba	G400I		2 ppm	
	Be	G400M	ICPMS	0.1 ppm	
	Bi	G400M		0.02 ppm	
	Cr	G400I	ICPOES	5 ppm	
	Hf	G400M	ICPMS	0.01 ppm	
	Li	G400I	ICPOES	1 ppm	
	Mo	G400M	ICMPS	0.05 ppm	
	Nb	G400M		0.05 ppm	
	Pb <sup>3</sup>	G400M		0.2 ppm	
	Rb	G400M		0.01 ppm	
	S	G400I	ICPOES	20 ppm	
	Se	G400M	ICMPS	2 ppm	
	Sn	G400M		0.2 ppm	
	Sr	G400M		0.05 ppm	
	Ta	G400M		0.02 ppm	
	W	G400M		0.05 ppm	
	Y	G400M		0.01 ppm	
	Zr	G400M		0.1 ppm	
LREE	La	G400M		ICPMS	0.01 ppm
	Ce	G400M			
	Pr	G400M			
	Nd	G400M			
	Sm	G400M			
	Eu	G400M			
HREE	Gd	G400M			
	Tb	G400M			
	Dy	G400M			
	Ho	G400M			
	Er	G400M			
	Tm	G400M			
Pb Partial Acid Digest	Pb_Tot	G950M	ICPMS	0.1 ppb	ppb
	Pb204	G950M			
	Pb206	G950M			
	Pb207	G950M			
	Pb208	G950M			
Pb Total Acid Digest <sup>3</sup>	Pb204	G400M	ICPMS	0.2 ppm	ppm
	Pb206	G400M			
	Pb207	G400M			
	Pb208	G400M			