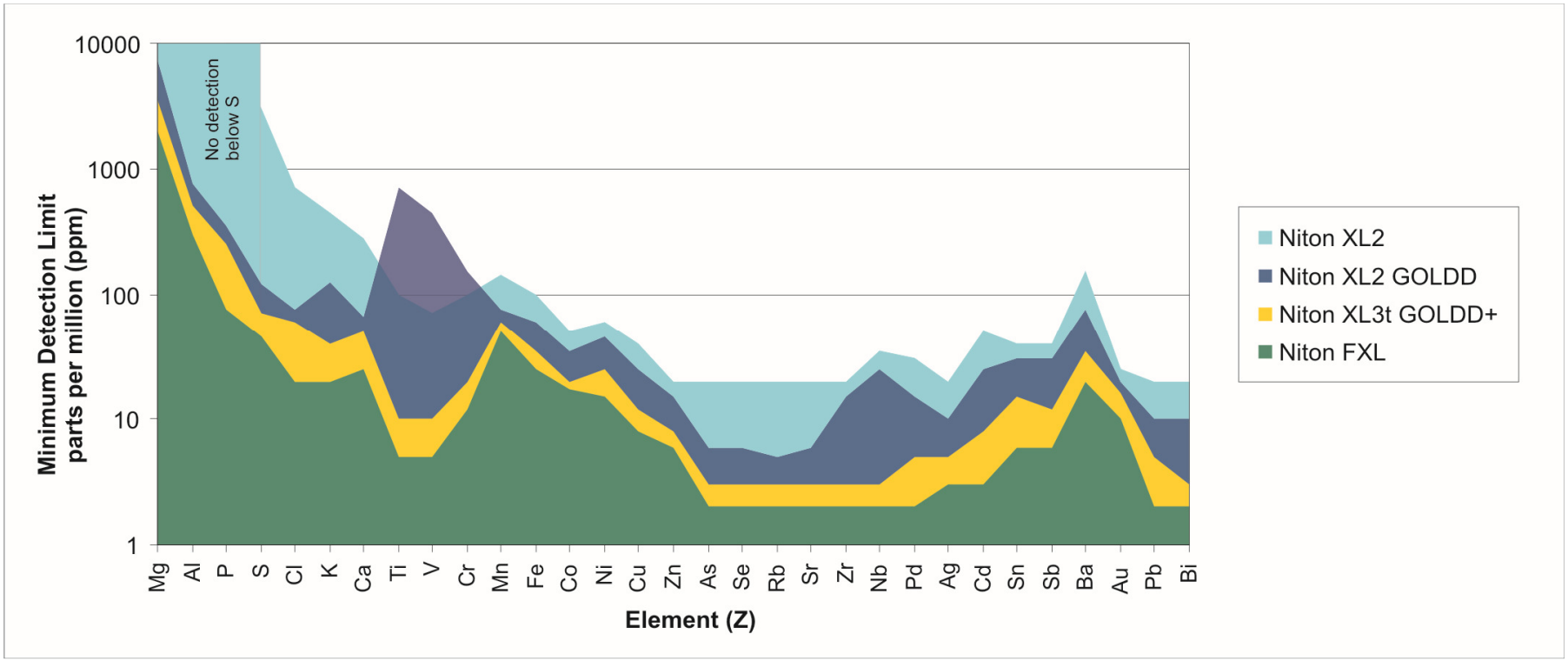
Niton XRF elemental suites

XL2 500		XL2 950		XL3t 500		XL3t 950 GOLDD			XL3t 955 Ultra			FXL 950		
Soil	Mining	Soil	Mining	Soil	Mining	Soil	Mining	Mining REE	Soil	Mining	Mining REE	Soil	Mining	Mining REE
	U		U	U		U		U	U		U	U		U
	Th		Th	Th		Th		Th	Th		Th	Th		Th
	Bi		Bi		Bi		Bi	Bi		Bi	Bi		Bi	Bi
Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb	Pb
Hg		Hg		Hg		Hg			Hg			Hg	Hg	
Au		Au		Au		Au	Au	Au	Au	Au	Au	Au	Au	Au
	Re		Re		Re		Re			Re			Re	
W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
	Ta		Ta		Ta		Ta			Ta			Ta	
	Hf		Hf		Hf		Hf			Hf			Hf	
								Nd			Nd			Nd
								Pr			Pr			Pr
								Ce			Ce			Ce
								La			La			La
Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba	Ba
				Cs		Cs			Cs			Cs		
				Te		Te			Te			Te		
Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb	Sb
Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn	Sn
Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd	Cd
Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag	Ag
Pd	Pd	Pd	Pd	Pd	Pd	Pd	Pd		Pd	Pd		Pd	Pd	
	Mo		Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo	Mo
	Nb		Nb		Nb		Nb	Nb		Nb	Nb		Nb	Nb
Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr	Zr
								Y			Y			Y
Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr	Sr
Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb	Rb
Se	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
As	As	As	As	As	As	As	As	As	As	As	As	As	As	As
Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn	Zn
Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu	Cu
Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni	Ni
Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co	Co
Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe	Fe
Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn	Mn
Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr	Cr
V	V		V	V	V	V	V	V	V	V	V	V	V	V
Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti	Ti
Sc				Sc		Sc			Sc			Sc		
Ca	Ca		Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca	Ca
K	K		K	K	K	K	K	K	K	K	K	K	K	K
			Cl				Cl	Cl		Cl	Cl		Cl	Cl
S	S			S	S	S	S		S	S		S	S	
			P				P			P			P	
			Si				Si	Si		Si	Si		Si	Si
			Al				Al	Al		Al	Al		Al	Al
			Mg				Mg	Mg		Mg	Mg		Mg	Mg


10000
1000
100
10
1
Minimum Detection Limit
parts per million (ppm)
No detection
below S
Mg
Al
P
S
Cl
K
Ca
Ti
V
Cr
Mn
Fe
Co
Ni
Cu
Zn
As
Se
Rb
Sr
Zr
Nb
Pd
Ag
Cd
Sn
Sb
Ba
Au
Pb
Bi
Element (Z)
Niton XL2
Niton XL2 GOLDD
Niton XL3t GOLDD+
Niton FXL