

Appendix X
Part A: Till Geochemistry, <0.063 mm of HMC,
ICP-AES

Note:

Sample preparation: screened at <2 mm; table concentrate separated for heavy mineral fraction (methylene iodide s.g. >3.3); ferro-magnetics removed; dried sieve, <230 mesh

Analytical extraction: Aqua Regia (HCL-HNO₃, 3:1)

Analytical method: Inductively Coupled Plasma - Atomic Emission Spectrometry,
 Hg by Cold Vapor - Atomic Absorption Spectrometry

Laboratory: Chemex Ltd.

Detection Limits:

Element	Detection limit	Element	Detection limit
Ag (ppm)	0.2	Mn (ppm)	5
Al (%)	0.01	Mo (ppm)	1
As (ppm)	2	Na (%)	0.01
Ba (ppm)	10	Ni (ppm)	1
Be (ppm)	0.5	P (ppm)	10
Bi (ppm)	2	Pb (ppm)	2
Ca (%)	0.01	Sb (ppm)	2
Cd (ppm)	0.5	Sc (ppm)	1
Co (ppm)	1	Sr (ppm)	1
Cr (ppm)	1	Ti (%)	0.01
Cu (ppm)	1	Tl (ppm)	10
Fe (%)	0.01	U (ppm)	10
Ga (ppm)	10	V (ppm)	1
Hg (ppb)	10	W (ppm)	10
La (ppm)	10	Zn (ppm)	2
Mg (%)	0.01		

Appendix X
Part B: Till Geochemical Plots, <0.063 mm of HMC,
ICP-AES