

Appendix XI
Till and Esker Sediment Geochemistry,
<2 mm of HMC

Note:

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

Analytical method: 1. Fire Assay Inductively Coupled Plasma - AFS
 2. Fire Assay - Atomic Absorption Spectrometry
 3. Instrumental Neutron Activation Analysis

Laboratory: Chemex Ltd.

Detection Limits:

1. FA-ICP-AFS

| Element | Detection limit |
|----------|-----------------|
| Au (ppb) | 4 |
| Pt (ppb) | 10 |
| Pd (ppb) | 4 |

2. FA-AAS

| Element | Detection limit |
|----------|-----------------|
| Au (ppb) | 5 |

3. INAA

| Element | Detection limit |
|----------|-----------------|
| Au (ppb) | 2 |