P a R 39 (211): 339–346 (2003). P U K . DOI: 10.1017/S0032247403002997

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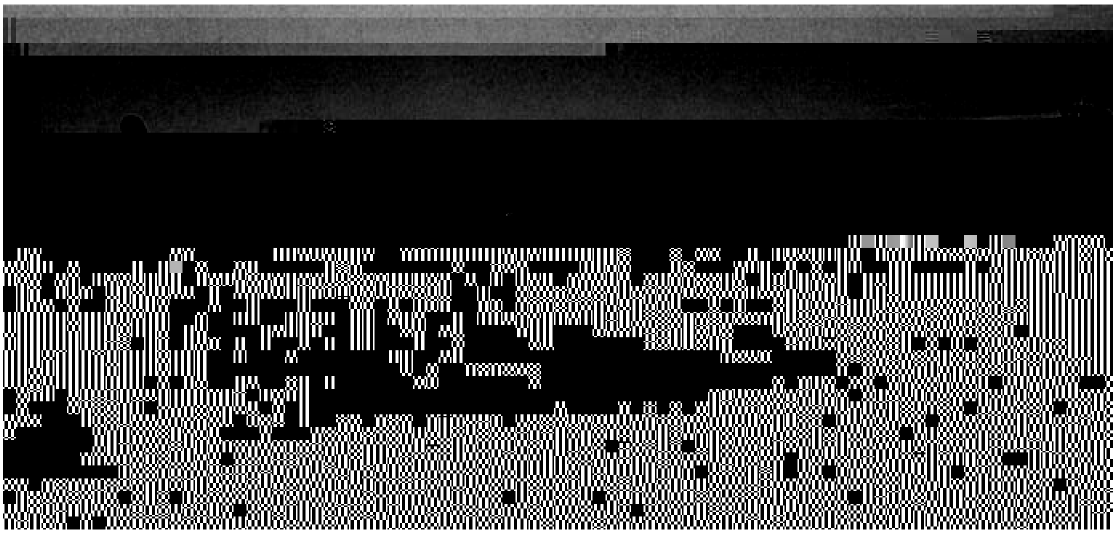

Fig. 1. The mobile laboratory at Resolution Island, Nunavut, Canada.

Table 2. Method detection limits (ppm) for the Spectrace 9000 XRF instrument and Canadian Arctic guidelines.

Element	Detection limit count time A	Detection limit count time B	DEW Line clean-up criteria (Environmental Sciences Group 1991)
Arsenic	88	37	30
Cadmium	234	322	5
Chromium	512	231	250
Cobalt	807	615	50
Copper	113	41	100
Lead	29	48	500
Nickel	359	182	100
Zinc	55	41	500

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