



Verifying soil mixing in Finland

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| Client | Agnico Eagle Mines |
| Location | Finland |
| Duration | 5 weeks |
| Scope | CPTu, dissipation testing, seismic, in-situ shear vane |

In May 2018 Canadian gold mining company Agnico Eagle Mines instructed Lankelma to carry out a specialist ground investigation in Finland.

Lankelma quickly mobilised the 17.9 tonne track-truck CPT to Helsinki and travelled 900km north to the site in Kittilä.

The project involved 124 high quality temperature monitored piezocone CPTs, over 600 dissipation tests, 20 seismic cone locations and 28 in-situ shear vane tests. The data was used to determine the strength of the soil mix columns and surrounding tailings so that the costly ground improvement scheme could be optimized.

