

# **KIVITIETO OY**

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## **Nunnanlahden Uuni Oy**

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## **ASBESTOS FIBRE ANALYSIS**

Study: Asbestos fibre study of soapstone samples, order for analysis on 3 Oct. 2001.

Sample data: Three soapstone powder samples from different areas of the Nunnanlahden Uuni Oy soapstone mine, with sample identifiers JN1, JN2, and JN3. The samples were taken by Hannu Kokkonen.

Method of analysis:

A fibre assay and a fibre mineral identification were performed for the powdered samples using a transmission electron microscope with an energy dispersive X-ray spectrometer (EDS) for performing a chemical analysis. The norms in the SFS 3868 standard were used as the determination criteria for fibres.

Results:

Sample JN1: Does not contain asbestos.  
The sample contains a minimal amount of fibrous talc.  
The EDS spectrum and an electron microscope image of the talc are attached.

Sample JN2: Does not contain asbestos.  
The sample contains a minimal amount of fibrous talc.  
The EDS spectrum and an electron microscope image of the talc are attached.

Sample JN3: Does not contain asbestos.  
The sample contains a minimal amount of fibrous talc.  
The EDS spectrum and an electron microscope image of the talc are attached.

In Oulu on 9 Oct. 2001



Teuvo Määttä  
Analyst