

Clue



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National Forensic Centre Analysis Report – Biological Traces

Case Number: FC-2015-0211-47

Date: February 11, 2015

Subject: Analysis of hair samples collected from shed

Background: Several fine, light-colored hairs were discovered during the technical examination of a shed. The material was submitted to the National Forensic Centre for biological analysis to determine whether the hairs could be attributed to a specific individual.

Material: Seven (7) light-colored hairs collected from the shed floor.

Reference sample: DNA profile from the victim, Emma Strand.

Method: DNA extraction and STR analysis in accordance with forensic standards (ISO 17025).

Results: A complete DNA profile from the victim was confirmed in the reference sample. The submitted hairs did not yield a complete human DNA profile. Several hairs lacked roots, significantly limiting the possibility of comparative DNA analysis. No other identifiable human individual could be established.

Assessment: The analysis is inconclusive regarding the origin of the hairs. Morphological features (notably the absence of human root structures) suggest that they may have originated from an animal. However, this cannot be conclusively determined without further species identification.

Conclusion: No usable DNA traces from any human individual other than the victim were detected.



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