



Commonwealth of Virginia

DEPARTMENT OF FORENSIC SCIENCE

ORIGINAL

CERTIFICATE OF ANALYSIS

Rockingham County Sheriff's Office
FS Lab # W08-7072
Your Case # 2008-051803
December 12, 2008

Item 58 No blood was indicated on the ropes. A DNA mixture profile was developed from a combined sample of the knotted areas of the ropes. Dustin Ray Stout Stanley and Kristoffer Todd George cannot be eliminated as contributors to this DNA mixture profile. Insufficient information exists to draw a conclusion regarding Donna Jean Hockman as a contributor to this DNA profile.

Item 60 Blood was indicated on the right and left fingernail scrapings. No DNA profile foreign to Dustin Ray Stout Stanley was developed from a combined sample of possible tissue from the right and left fingernail scrapings.

Item 71 A DNA profile was developed from the blood sample from Dustin Ray Stout Stanley.

Item 79 Blood was indicated and a DNA profile was developed from the swab of the red stain from Item #4 (treated wood post). Dustin Ray Stout Stanley cannot be eliminated as a contributor of this DNA profile. Donna Jean Hockman and ~~Kristoffer Todd George~~ are each eliminated as a contributor of this DNA profile. Additional minor DNA types were developed. Due to the limited information developed, these minor DNA types are not suitable for comparison, searching against the Virginia DNA Data Bank, or submission to the National DNA Data Bank.

Item 96 A DNA profile was developed from the buccal swabs from Donna Jean Hockman.

Item 97 A DNA profile was developed from the buccal swabs from ~~Kristoffer Todd George~~.

Items 7, 9, 10, 18, 80, and 81 No analysis was conducted on these items.

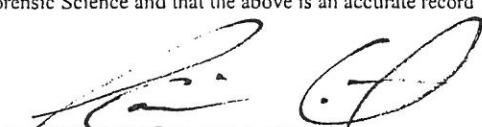
The probability of randomly selecting an unrelated individual with a DNA profile matching that developed from the stain on the front toe area of the right flip-flop, the stain on the top toe area of the left shoe, the stained area at the approximate center of the washcloth, and the major portion of the profile developed from the swab of the red stain from Item #4 (treated wood post) at the PowerPlex® 16 BIO loci is 1 in greater than 6.5 billion (which is approximately the world population) in the Caucasian, Black, and Hispanic populations.

Refer to Appendix 1 for the PowerPlex 16® BIO Typing Results and Appendix 2 for the Abbreviations.

The disposition of the evidence and the results of other requested examinations are the subject of another report.

Attest:

I certify that I performed the above analysis or examination as an employee of the Department of Forensic Science and that the above is an accurate record of the results and interpretations of that analysis or examination.


Kevin E. Flint
Forensic Scientist

KEF

*JKH
MAB*

EXHIBIT
No. 27