

Commonwealth of Virginia
DEPARTMENT OF FORENSIC SCIENCE

COPY

CERTIFICATE OF ANALYSIS

Central Laboratory
700 North 5th Street
Richmond, VA 23219

September 24, 2009

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TO: SHERIFF
BEDFORD COUNTY SHERIFF'S OFFICE
1345 FALLING CREEK RD
BEDFORD, VA 24523

SUPPLEMENTAL REPORT

FS Lab # W85-01536

Your Case #: 8536

Victim(s): HAYSOM, Nancy
HAYSOM, W.R. Derek

Suspect(s): SOERING, Jens

Evidence Submitted By: G. J. Brown
Lynchburg Police Department

Date Received: 04/05/1985

- Item 1B Stains in floor
- Item 1FE Cigarette butt
- Item 2FE Stain
- Item 2K Stained paper napkin
- Item 3FE Stain
- Item 3K Grey shoe with stains
- Item 4DR Stain
- Item 4FE Stain
- Item 5DR Stain
- Item 5FE Stain
- Item 6DR Stain
- Item 6FE Stain
- Item 6LR Dried stain at male victim
- Item 7DR Napkin
- Item 7FE Threshold
- Item 8DR Seat
- Item 9DR Seat
- Item 9K Crusted stain from floor
- Item 9LR Fireplace tongs
- Item 10DR Seat
- Item 10K Stain recovered from floor
- Item 10LR Swabs of stains
- Item 11DR Seat
- Item 11K Stain recovered from floor
- Item 11LR Swabs of stains
- Item 12LR Swabs of stains
- Item 13K Stain from floor
- Item 14K Stain from floor
- Item 15K Crusted stain from floor
- Item 16K Kitchen floor



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Item 22K Metal molding around counter top with stains
 Item 23K Section of formica counter top with stains
 Item 25K Metal molding from counter top with stains

Evidence Submitted By: OCME, Western District Date Received: 04/08/1985

Item CME-2 Clothing from Nancy Haysom

Evidence Submitted By: G. J. Brown Date Received: 04/17/1985
 Lynchburg Police Department

Item 18DR Stain
 Item 19DR Stain
 Item 20DR Picture from wall with dried stain
 Item 21DR Stain from dining room
 Item 22DR Stain
 Item 35K Swabs
 Item 38K Rags from washer in kitchen

Evidence Submitted By: S. C. Rush Date Received: 05/31/1985

Item 14B Clothing

METHODS:

- The method of deoxyribonucleic acid (DNA) analysis used was the Polymerase Chain Reaction (PCR) performed by The Bode Technology Group, Inc. on evidence retained in the case file.
- The PCR amplification kit used was the PowerPlex[®] 16 BIO system.
- The PowerPlex[®] 16 BIO system contains 16 genetic loci (FGA, TPOX, D8S1179, vWA, Penta E, D18S51, D21S11, TH01, D3S1358, Penta D, CSF1PO, D16S539, D7S820, D13S317, D5S818 and Amelogenin, a gender determining locus which is not used for statistical purposes).

RESULTS:

DNA profiles were obtained for Jens Soering [REDACTED] from the Virginia DNA Data Bank.

- These sample profiles were used for investigational purposes only.
- Whenever Data Bank samples are used for such purposes, a confirmation must be performed. This requires the submission of two buccal (cheek) swabs from Jens Soering [REDACTED]



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Item 22DR – Stain

Item 2FE – Stain

Item 35K – Swabs

Item 4DR – Stain

Item 6FE – Stain

Item 6LR – Dried stain at W.R. Derek Haysom

Item 7DR – Napkin

Item 8DR – Seat

- DNA profiles consistent with having originated from a common male contributor were developed.
 - Jens Soering and Elizabeth Haysom are eliminated as contributors.
 - Without a known DNA profile from W.R. Derek Haysom or Nancy Haysom, no conclusions can be reached as to whether these DNA profiles may be attributable to either of them.

Item 23K – Section of formica counter top with stains

Stain #1

- Limited DNA types indicative of a male contributor were developed.
 - Jens Soering and Elizabeth Haysom are eliminated as contributors.
 - Without a known DNA profile from W.R. Derek Haysom or Nancy Haysom, no conclusions can be reached as to whether these DNA profiles may be attributable to either of them.

Stain #2

- DNA types of no value and indicative of a male contributor were developed.
 - Due to the limited information obtained, these DNA types are not suitable for comparison, searching against the Virginia DNA Data Bank or submission to the National DNA Data Bank.

Item 7FE - Threshold

Stain #1

- DNA types of no value and indicative of a male contributor were developed.
 - Due to the limited information obtained, these DNA types are not suitable for comparison, searching against the Virginia DNA Data Bank or submission to the National DNA Data Bank.

Stain #2

- No DNA typing results were obtained.

Item 9K – Crusted stain from floor

Item 10K – Stain recovered from floor

- DNA profiles consistent with having originated from a common female contributor were developed.
 - Jens Soering and Elizabeth Haysom are eliminated as contributors.
 - Without a known DNA profile from W.R. Derek Haysom or Nancy Haysom, no conclusions can be reached as to whether these DNA profiles may be attributable to either of them.



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Item 9DR – Seat

Item 11DR – Seat

Item 15K – Crusted stain from floor

Item 21DR – Stain from dining room

- DNA types of no value and indicative of a male contributor were developed.
 - Due to the limited information obtained, these DNA types are not suitable for comparison, searching against the Virginia DNA Data Bank or submission to the National DNA Data Bank.

Item 10DR – Seat

- DNA types of no value were developed.
 - Due to the limited information obtained, these DNA types are not suitable for comparison, searching against the Virginia DNA Data Bank or submission to the National DNA Data Bank.
 - No conclusions can be reached regarding the gender of the contributor.

Item 11LR – Swabs of stains

- Information developed at the Amelogenin locus indicates the presence of a male contributor; however, no DNA typing results were obtained from the remaining genetic loci.

Item 10LR – Swabs of stains

Item 11K – Stain recovered from floor

Item 12LR – Swabs of stains

Item 13K – Stain from floor

Item 14B – Clothing

Item 14K – Stain from floor

Item 16K – Kitchen floor

Item 18DR – Stain

Item 19DR – Stain

Item 1B – Stains in floor

Item 1FE – Cigarette butt

Item 20DR – Picture from wall with dried stain

Item 22K – Metal molding around counter top with stains

Item 25K – Metal molding from counter top with stains

Item 2K – Stained paper napkin

Item 38K – Rags from washer in kitchen

Item 3FE – Stain

Item 3K – Grey shoe with stains

Item 4FE – Stain

Item 5DR – Stain

Item 5FE – Stain

Item 6DR – Stain

Item 9LR – Fireplace tongs

Item CME-2 – Clothing from Nancy Haysom

- No DNA typing results were obtained.



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Refer to Appendix 1 for the PowerPlex 16[®] BIO typing results and Appendix 2 for the Abbreviations.

The evidence recovered in the case file will be retained by the Virginia Department of Forensic Science.

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.

Shelley S. Edler
Forensic Scientist

CC: Commonwealth's Attorney, Bedford County
OCME, Western District
SSE

ame
SP



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DEPARTMENT OF FORENSIC SCIENCE**

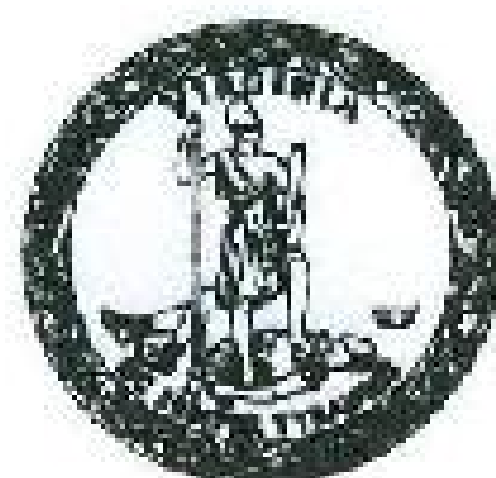
Appendix 1: Table of Typing Results

FS Lab # W85-01536

September 24, 2009

Description	FGA	TPOX	D8S1179	vWA	Amel	Penta E	D18S51	D21S11
10DR Seat				17	X			
10K Stain from floor		8	14 10	17	X X			
11DR Seat				17	Y X			
11LR Swabs of stains					Y X			
15K Crusted stain from floor				18 17	Y X			
21DR Stain from dining room				18 17	Y X			
22DR Stain				(18) 17	Y X			30 27
23K Counter top stain #1				17	Y X			
23K Counter top Stain #2				18 17	Y X			
2FE Stain front screen door			14 13	18 (17)	Y X			30 27
35K Swabs	21	8	14 13	18 17	Y X			30 27
4DR Stain	22	8	14 13	18 17	Y X			30 27
6FE Stain				18 17	Y X			
6LR Stain at W.R. Haysom				18 17	Y X			27
7DR Napkin			14	18 17	Y X			
7FE Threshold stain #1			14 13	18 17	Y X			
8DR Seat	21		13	18 17	Y X			27
9DR Seat			14		Y X			
9K Crusted stain from floor			14	17	X X			32.2 28

Description	TH01	D3S1358	Penta D	CSF1PO	D16S539	D7S820	D13S317	D5S818
10DR Seat		19 16						12
10K Stain from floor	9.3 7	16 14					11 8	12
11DR Seat		19						12
11LR Swabs of stains								
15K Crusted stain from floor		19 16						12
21DR Stain from dining room		19 16						12
22DR Stain		19 16						12
23K Counter top stain #1		19 16				11	12	12
23K Counter top stain #2								12
2FE Stain front screen door	8	19 16				11	13 12	12
35K Swabs	9.3 8	19 16			11	11	13 12	12
4DR Stain	9.3 8	19 16				11	13 12	12
6FE Stain	9.3 8	19 16						12
6LR Stain at W.R. Haysom	9.3 8	19 16					13 12	12
7DR Napkin		19 16						12
7FE Threshold stain #1								12 11
8DR Seat		19 16						12
9DR Seat		16						12
9K Crusted stain from floor	9.3 7	16 14					8	12



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Appendix 2: Abbreviations

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ANO	Anorectal sample
BLD	Blood stain
ELIM	Elimination
ENV	Envelope
FNC	Finger Nail Clippings
FNS	Finger Nail Scrapings
K	Known
L	Left
LLA	Lips/Lip Area sample
MAT	Material
NSP	Non-sperm fraction
OR	Oral Rinse sample
PA	Pubic Area sample
PB	Perianal/Buttocks sample
PH	Pubic Hair
Q	Questioned
R	Right
SC	Stain Card
SMPL	Sample
SP	Sperm fraction
STN	Stain
STND	Stained
SUS	Suspect
SWB	Swab
TEG	Thighs/External Genitalia sample
UPS	Underpants
VC	Vaginal/Cervical sample
VIC	Victim