



Commonwealth of Virginia
Department of General Services
Division of Consolidated Laboratory Services
BUREAU OF FORENSIC SCIENCE

ORIGINAL

CERTIFICATE OF ANALYSIS

August 12, 1985

TO: Bedford County Sheriff's Department
Attention: Investigator Steve Rush
P O. Box 507
Bedford, VA 24523

Central Laboratory
P.O. Box 999
Richmond, Virginia 23208

Tel. No. (804) 786-4707

Your Case # 8536

FS Lab # W85-01536
W85-01537

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

See Ann Rebs

Suspect(s):

Examiner: Mary Jane Burton

Evidence Submitted By: Officer G.J. Brown, Lynchburg Police Dept. Date Received 4-5-85

- Item #1K - Wood mouse trap.
- Item #2K - Stained paper napkin.
- Item #3K - Grey shoe with stains.
- Item #5K - Hair from floor in kitchen.
- Item #6K - Hair from floor in kitchen.
- Item #7K - Small feather from floor.
- Item #8K - Fiber from floor.
- Item #9K - Crusted stain from floor.
- Item #10K - Stain recovered from floor.
- Item #11K - Stain recovered from floor.
- Item #12K - Stain recovered from floor.
- Item #13K - Stain from floor.
- Item #14K - Stain from floor.
- Item #15K - Crusted stain from floor.
- Item #16K - Kitchen floor.
- Item #17K - Hair from floor.
- Item #19K - Fiber on folding doors in kitchen.
- Item #20K - Stained wash rag.
- Item #22K - Metal molding around counter top with stains.
- Item #23K - Section of formica counter top with stains.
- Item #24K - Tissues from counter top.
- Item #25K - Metal molding from counter top with stains.
- Item #27K - Drink can and plastic lid.
- Item #1DR - Hair.
- Item #2DR - Hair.
- Item #3DR - Hair.
- Item #4DR - Stain.

FILED IN THE CLERK'S OFFICE
the 14 day of August, 1985
TESTE: *Steve Rush* S.C. Rush
Carol W. Black Clerk
11:00 A.M. D.C.

IN FUTURE CORRESPONDENCE REFERENCE THIS MATTER PLEASE REFER TO THE FS LAB # ABOVE

Bedford County Sheriff's Department

Evidence Submitted By: Officer G.J. Brown on 4-5-85 (continued)

- Item #5DR - Stain.
- Item #6DR - Stain.
- Item #7DR - Napkin.
- Item #8DR - Seat.
- Item #9DR - Seat.
- Item #10DR - Seat.
- Item #11DR - Seat.
- Item #6LR - Dried stain at male victim.
- Item #7LR - Hair.
- Item #8LR - Hair.
- Item #9LR - Fireplace tongs.
- Item #10LR - Swabs of stains.
- Item #11LR - Swabs of stains.
- Item #12LR - Swabs of stains.
- Item #13LR - Rug.
- Item #14LR - Rug.
- Item #1B - Stains in floor.
- Item #2B - Rug.
- Item #3B - Rug.
- Item #6B - Towels.
- Item #1FE - Cigarette butt.
- Item #2FE - Stain.
- Item #3FE - Stain.
- Item #4FE - Stain.
- Item #5FE - Stain.
- Item #6FE - Stain.
- Item #7FE - Threshold.
- Item #8FE - Fiber.
- Item #9FE - Bottom section of screen door.
- Item #10FE - Fiber.
- Item #11FE - Fiber.
- Item #12FE - Metal weather strip with stains.

Evidence Submitted By: Office of the Chief Medical Examiner
Western Branch

Date Received: 4-8-85

- CME-1 - Clothing from Derek Haysom.
- CME-2 - Clothing from Nancy Haysom.
- CME-3 - Blood from Derek Haysom.
- CME-4 - Blood from Nancy Haysom.
- CME-5 - Head hair from Derek Haysom.
- CME-6 - Head hair from Nancy Haysom.
- CME-7 - Oral, rectal and vaginal swabs from Nancy Haysom.
- CME-8 - Oral, rectal and vaginal smears from Nancy Haysom.

W85-Q1536

Bedford County Sheriff's Department

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

Date Received: 4-12-85

Item #10B - Hair.
Item #11B - Hair.
Item #41 - Hair from Mary F. Harris.
Item #1R - Cigarette butts.

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

Date Received: 4-17-85

Item #18DR- Stain.
Item #19DR- Stain.
Item #20DR- Picture from wall with dried stain.
Item #21DR- Stain from dining room.
Item #22DR- Stain.
Item #13B - Swabs from bathroom shower after luminol usage.
Item #35K - Swabs.
Item #36K - Swabs.
Item #37K - Swabs.
Item #38K - Rags from washer in kitchen.
Item #1V - Swab.
Item #2V - Swabs.
Item #3V - Swab.
Item #4V - Swabs.
Item #5V - Paper towels recovered from a vehicle.
Item #23DR- Knife from dining room table drawer treated with luminol.

Evidence Submitted By: Investigator S.C. Rush

Date Received: 5-16-85

Item #1 - Gravel, swabs, controls.
Item #2 - Gravel, swabs, controls.
Item #3 - Grass samples.
Item #4 - Grass samples.
Item #5 - Grass samples.
Item #6 - Grass samples.
Item #7 - Grass samples.
Item #8 - Grass samples.
Item #9 - Grass samples.
Item #10- Grass samples.
Item #11- Luminol control.

Evidence Submitted By: Investigator S.C. Rush

Date Received: 5-31-85

Item #14B - Clothing.
Item #44 - Pair of pants.
Item #1UB - Necklace with stain.

Bedford County Sheriff's Department

Evidence Submitted By: Investigator S.C. Rush

Date Received: 6-24-85

Item #13FE - Screen door.

Evidence Submitted By: Investigator S.C. Rush

Date Received: 6-26-85

Item #49 - Blood sample from Mary Fountain Harris.

Item #52 - Swabs and controls from luminol process.

Evidence Submitted By: R.A. MacAlpine
Royal Canadian Mounted Police

Date Received: 7-30-85

Item #53 - Blood sample from Julian Christopher Robert Haysom.

RESULTS OF EXAMINATION:

Item #1K - No hairs or fibers were noted on the mouse trap.

Items #2K & 3K - See the table for results of tests.

Item #5K - The sample contained a Caucasian head hair consistent with samples from Nancy Haysom, Item CME-6.

Item #6K - The sample contained a Caucasian head hair consistent with samples from Nancy Haysom, Item CME-6.

Item #7K - The sample contained a small white feather.

Item #8K - No fiber was found in the sample. However, blood crusts were noted. See the table for results of tests.

Item #9K-15K - See the table for results of tests.

Item #16K- Stains were removed from six (6) separate areas on the vinly floor. See the table for results of tests.

Item #17K- The sample contained a Caucasian head hair consistent with samples from Nancy Haysom, Item CME-6.

Item #19K- The sample contained a clump of dark wool fibers, blue cotton fibers and several light synthetic fibers.

Item #20K- Blood was identified in the diluted stain. It was not possible to determine the type.

Item #22K- See the table for results of tests.

Item #23K- See the table for results of tests.

Item #24K- No hair or blood were noted on the napkins.

RESULTS OF EXAMINATION: (continued)

- Item #25K- See the table for results of tests.
- Item #27K- It was not possible to determine if saliva was present on the drink can.
- Items #1DR-3DR- Each of these samples contained a clump of Caucasian head hair fragments. Each of these clumps of head hair fragments contained hairs exhibiting similarities and differences to the head hair submitted from Nancy Haysom, Item CME-6. The hairs were not similar to samples from W.R. Derek Haysom, Item CME-5. Each of these clumps of hair contained blood.
- Items #4-7DR - See the table for results of tests.
- Item #8DR & 9DR- Each of these items is a chair seat containing a bloody right hand print. See the table for results of tests.
- Item #10DR- The sample is a chair seat containing several heavy drops of blood near the front edge of the seat. See the table for results of tests.
- Item #11DR- The sample contained a chair seat containing a thin smear of blood at the front edge of the seat. See the table for results of tests.
- Item #6LR- See the table for results of tests.
- Items #7LR & 8LR- Each sample contained Caucasian head hairs consistent with samples from W.R. Derek Haysom, Item CME-5.
- Item #9LR- Blood was identified on the handle of the fire tongs. See the table for results of tests.
- Items #10LR-12LR - Each sample contained stained swabs. See the table for results of tests.
- Item #13LR- No blood was noted on the rug.
- Item #14LR- Human blood was identified on the fringes of one end of the rug. See the table for results of tests.
- Item #1B - See the table for the results of tests on the swab.
- Item #2B - No blood was noted on the rug.
- Item #3B - Blood was identified in several thin smears on the rug.
- Item #6B - Human blood was identified in several small blood stains on one of the towels. No blood or hair was noted on the other towels.
- Item #1FE- The sample contained a Merit filter cigarette butt. No blood group factors or indication of amylase (an enzyme found in high concentration in saliva) was found on the edge of the filter tip.

RESULTS OF EXAMINATION: (continued)

Items #2-6FE - See table for results of the stains on the swabs.

Item #7FE- Two separate stained areas on the threshold were sampled. See the table for results of tests.

Item #8FE- The sample contained a light blue thread.

Item #9FE- No evidence of blood was found on the bottom section of the screen door.

Item #10FE- The sample contained a white animal hair.

Item #11FE- The sample contained a white animal hair.

Item #12FE- No evidence of blood was found on the metal weather strip.

Item CME-1- Each of the items of clothing from W.R. Derek Haysom were bloody. Numerous slits of varying lengths were noted overall the terry top particularly around the neck area. Numerous clumps of hair were noted adhering to the blood. These clumps of hair were visually consistent with samples from W.R. Derek Haysom, Item CME-5.

Item CME-2- Each of the items of clothing from Nancy Haysom was bloody. The left shoulder strap and the left side under the arm of the bra had been cut. A small slit was noted on the bottom of the left cup. Slits were noted on the left side of the housecoat. See table for the results of stains from the shoes.

Item CME-3- See table for the blood type of Nancy Haysom.

Item CME-4- See table for the blood type of W.R. Derek Haysom.

Item CME-5- The head hair from W.R. Derek Haysom was used for comparison purposes.

Item CME-6- The head hair Nancy Haysom was used for comparison purposes.

Items CME-7 & 8- No evidence of seminal fluid was found on the oral, rectal or vaginal swabs or smears from Nancy Haysom.

Item #10B- The sample contained a long Caucasian head hair similar to samples from Nancy Haysom, Item CME-6.

Item #11B- The sample contained an animal hair and a Caucasian head hair approximately 1½ inches in length from root to diagonally cut end. This hair is not similar to samples from either of the victim's.

Item #41 - The hair sample varied too much for comparison purposes. (An additional pulled hair sample from Mary F. Harris should be submitted if comparisons are to be made.)

RESULTS OF EXAMINATION: (continued)

- Item #1R - The sample contained two (2) Merit filter cigarette butts. No blood group factors or amylase (an enzyme found in saliva) was detected on the edge of one (1) cigarette butt. Tests on the secretions on the end of the other cigarette butt indicated the presence of amylase and that the secretions are type A.
- Item #18DR- Human blood was identified in stains on the swab. The amount was insufficient for typing.
- Item #19DR- See the table for results of tests.
- Item #20DR- Small stain was noted on the bottom of the picture frame. See the table for results of tests.
- Item #21DR- See the table for results of tests.
- Item #22DR- See the table for results of tests.
- Item #13B- Blood was identified on the swabs from the bathroom shower after luminol usage. Tests for human protein were negative.
- Items #35K-37K - See table for results of stains on the swabs.
- Item #36K- Blood was identified on the swabs. The amount was insufficient for origin determination.
- Item #38K- Human blood was identified on the edge of the wash cloth. Further tests on this blood indicate the type is B. No evidence of blood was found on the terry cloth.
- Items #1V-4V- No evidence of blood was found on any of the swabs.
- Item #5V - No evidence of blood was found on the paper towels.
- Item #23DR- No evidence of blood was found on the knife.
- Items #1-10- Blood was identified on the grass samples submitted as Item #3. Tests for blood on the other gravel and grass samples were negative.
- Item #14B- Human blood was identified in minute splashes at the end of the wrap around tie of the halter. The amount was insufficient for typing. No evidence of blood was found on the man's tie.
- Item #44 - No evidence of blood was found on the pants.
- Item #1UB- The stain on the necklace was not blood.
- Item #13FE- The stain under the area that was swabbed and submitted as Item #6FE is not blood.
- Item #49 - See the table for the blood type of Mary Fontain Harris.
- Item #52 - Tests for blood on the swabs and controls from the luminol process were negative.
- Item #53 - See the table for the blood type of Julian Christopher Haysom.

35-01536 Item Number	Human Blood Detected	ABO Type	PGM Type	PGM Subtype	ADA Type	Glo Type	AK Type	EsD Type	EAP Type	Hp Type	PepA Type
2K Paper Napkin	X	AB	2-1	2 ⁺ 1 ⁺	1	-	-	1	BA	-	-
3K Grey Shoe	X	A	2-1	2 ⁺ 1 ⁺	2-1	-	1	1	BA	-	-
8K Crusts	X	-	2-1	2 ⁺ 1 ⁺	1	-	1	-	BA	-	-
9K Crusts	X	AB	2-1	2 ⁺ 1 ⁺	1	-	-	1	BA	-	1
10K Stain	X	AB	2-1	-	1	-	1	1	-	-	1
11K Stain	X	AB	2-1	2 ⁺ 1 ⁺	1	-	1	1	BA	-	-
12K Stain	X	-	-	-	-	-	-	-	-	2-1	-
13K Stain	X	AB	2-1	2 ⁺ 2-1 ⁺	2-1	-	1	1	BA	-	1
14K Stain	X	AB	2-1	2 ⁺ 1 ⁺	2-1	-	1	1	BA	-	1
15K Crusts	X	A	2-1	2 ⁺ 1 ⁺	2-1	2-1	1	1	BA	-	1
16K #1	X	AB	-	-	-	-	-	-	-	-	-
16K #2	X	AB	-	-	-	-	-	-	-	-	-
#3	X	A	-	-	-	-	-	-	-	-	-
#4	X	A	-	-	-	-	-	-	-	-	-
#5	X	A	2-1	2 ⁺ 1 ⁺	2-1	-	-	1	BA	-	-
#6	X	A	-	-	-	-	-	-	-	-	-
2K Metal Molding	X	AB	-	-	-	-	-	-	-	-	-

T85-01536

Item Number	Human Blood Detected	ABO Type	PGM Type	PGM Subtype	ADA Type	Glo Type	AK Type	EsD Type	EAP Type	Hp Type	PepA Type
23K Counter top #1	X	AB	-	-	-	-	-	-	-	-	-
23K Counter top #2	X	A	-	-	-	-	-	-	-	-	-
25K Counter folding	X	A	-	-	-	-	-	-	-	-	-
35K Stain	X	A	2-1	2-1 ⁺	2-1	-	1	1	BA	-	-
37K Stain	X	-	-	-	-	-	-	-	-	-	-
38K Dish cloth	X	B	-	-	-	-	-	-	-	-	-
40K Stain	X	A	2-1	2-1 ⁺	2-1	-	1	1	BA	-	-
50K Stain	X	A	-	-	-	-	-	-	-	-	-
60K Stain	X	A	-	-	-	-	-	-	-	-	-
70K Napkin	X	A	2-1	2-1 ⁺	2-1	-	1	1	BA	-	1
80K Seat	X	A	-	-	2-1	-	-	-	BA	-	-
90K Seat	X	A	-	-	-	-	-	-	-	-	-
100K Seat	X	A	-	-	-	-	-	-	-	-	-
110K Seat	X	A	-	-	-	-	-	-	-	-	-
180K Stain	X	-	-	-	-	-	-	-	-	-	-

185-01536 Item Number	Human Blood Detected	ABO Type	PGM Type	PGM Subtype	ADA Type	Glo Type	AK Type	EsD Type	EAP Type	Hp Type	PeA Type
19DR Stain	X	AB	-	-	-	-	-	-	-	-	-
20DR Picture	X	AB	-	-	-	-	-	-	-	-	-
21DR Stain	X	A	-	-	-	-	-	-	-	-	-
22DR Stain	X	A	-	-	-	-	-	-	-	-	-
6LR Stain	X	A	2-1	2-1+	2-1	2-1	1	1	BA	-	1
9LR Tongs	X	A	2-1	2-1+	2-1	-	-	1	BA	-	-
10LR Stain	X	A	-	-	-	-	-	-	-	-	-
11LR Stain	X	A	-	-	-	-	-	-	-	-	-
12LR Stain	X	A	-	-	-	-	-	-	-	-	-
14LR Rug	X	-	-	-	2-1	-	-	-	BA	-	-
1B Stains	X	O	-	-	-	-	-	-	-	-	-
2FE Stain	X	O	-	-	-	-	-	-	-	-	-
3FE Stain	X	AB	-	-	-	-	-	-	-	-	-
4FE Stain	X	O	-	-	-	-	-	-	-	-	-

15-01536 Item Number	Human Blood Detected	ABO Type	PGM Type	PGM Subtype	ADA Type	Glo Type	AK Type	EsD Type	EAP Type	Hp Type	PepA Type
5FE Stain	X	O	-	-	-	-	-	-	-	-	-
6FE Stain	X	O	-	-	-	-	-	-	-	-	-
7FE #1 Threshold #2	X X	AB A	- 2-1	2-1+	- 2-1	- -	- 1	- -	- BA	- -	- -
ME-2 Left Toe Sole	X	A	-	-	-	-	-	-	-	-	-
ME-2 Right Toe Sole	X	AB	-	-	-	-	-	-	-	-	-
ME-3 Blood from Derek Haysom	X	A	2-1	2-1+	2-1	2-1	1	1	BA	2-1	1
ME-4 Blood from Nancy Haysom	X	AB	2-1	2+1+	1	1	1	1	BA	2-1	1
9 Blood from M.F. Harris	X	A	2	2+	1	2	1	1	B	2-1	1
13 Blood from J.C. Haysom	X	A	2-1	2+1+	1	2-1	1	1	BA	2-1	1

485-1536

Bedford County Sheriff's Department

The evidence has all been returned to the Bedford County Sheriff's Department.
The other requested examinations are the subjects of other reports.

MJB:st

cc: Western Regional Laboratory

cc: Office of the Chief Medical Examiner,
Western Regional Branch

STATE OF VIRGINIA
CITY/COUNTY OF Richmond, to-wit:

Mary Jane Burton
Forensic Scientist

THIS day personally appeared before me, Shirley M. Tolley, a notary public, in and for said city/county in the Commonwealth of Virginia, Mary Jane Burton, who signed the foregoing Certificate of Analysis, before me, and after being duly sworn, made oath (1) that he performed the analysis and/or examination the results of which are herein contained, (2) that said analysis and/or examination was performed in a laboratory operated by the Division of Consolidated Laboratory Services of the Commonwealth or authorized by such Division to conduct such analysis and/or examination and (3) that this Certificate of Analysis is true and correct.

Given under my hand this 3rd day of September, 19 85.

My commission expires August 15, 19 87

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Shirley M. Tolley Notary Public
(I was commissioned as Shirley M. Patterson)