

North Carolina  
**STATE BUREAU OF INVESTIGATION**  
 Department of Justice  
 RALEIGH

**LABORATORY REPORT**

Detective J. I. Daulton Winston-Salem Police Dept. P.O. Box 3114 Winston-Salem, N. C. 27102	SBI FILE NO.:	DATE: October 23, 1984
	AGENCY FILE NO.:	SBI LAB NO.:
	LOCATION:	EXAMINED BY:
SUBJECT (S):	VICTIM - DEBORAH BROTHERTON SYKES	W. S. Worsham
	SUSPECT - DARRELL EUGENE HUNT	MATERIAL SUBMITTED BY:
		DATE OF OFFENSE:
	Homicide	See Below
	DATE OF OFFENSE:	DATE SUBMITTED:
	August 10, 1984	See Below

THE FOLLOWING EVIDENCE IS IDENTIFIED AS ARTICLES COLLECTED FROM THE VICTIM, DEBORAH B. SYKES AND WERE SUBMITTED BY D. E. BRINKLEY ON AUGUST 16, 1984:

- Item #1v: An envelope labeled head hairs.
- Item #2v: An envelope labeled pubic hairs.
- Item #3v: An envelope labeled pubic combings.
- Item #4v: A plastic bag labeled "loose pubic hair".
- Item #5v: A plastic bag labeled "Hair-Face, mouth, neck".
- Item #6v: A brown bag labeled "Body Bag".

THE FOLLOWING EVIDENCE IS IDENTIFIED AS ARTICLES COLLECTED FROM THE SUSPECT, DARYL EUGENE HUNT AND WERE SUBMITTED ON SEPTEMBER 14, 1984:

- Item #1s: An envelope labeled head hairs.
- Item #2s: An envelope labeled pubic hairs.
- Item #3s: An envelope labeled pubic hair combings.
- Item #4s: A saliva sample.
- Item #5s: A blood sample.

TYPE ANALYSIS REQUESTED:

Hair analysis.

RESULTS OF ANALYSIS:

Examination of the above listed evidence did not reveal the presence of any hairs originating from the "Black" race.

All hairs discovered were consistent with the hairs of Deborah B. Sykes.

I, Rufus L. Edmisten, Attorney General of the State of North Carolina, hereby certify that the form identified as: North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report, is a form approved by me for the purpose stated in G.S. 90-95 (g) and approved by me in compliance with the said statute.

COPIES TO:

Mr. D. K. Tisdale, D.A.

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

*Haywood B. Starling*  
 Haywood Starling, Director

This report represents a true and accurate result of my analysis on the item(s) described.

*W. S. Worsham*

RCL8408727

DISPOSITION OF EVIDENCE:

The blood and saliva samples were given to Brenda K. Bissette on September 14, 1984.  
The remainder of the evidence is enclosed and being returned via first-class mail.

WSW:jgp  
Attachment

North Carolina  
**STATE BUREAU OF INVESTIGATION**  
 Department of Justice  
 RALEIGH

**LABORATORY REPORT**

Officer D.E. Brinkley Winston-Salem Police Dept. P.O. Box 3114 Winston-Salem, N.C. 27102	SBI FILE NO.:	DATE:
	AGENCY FILE NO.:	November 19, 1984
	449402	SBI LAB NO.:
SUBJECT (S):	LOCATION:	RCL8408727
	Forsyth County	EXAMINED BY:
	TYPE OF CASE:	B.K. Bissette
VICTIM - DEBORAH BROTHERTON SYKES	Rape	MATERIAL SUBMITTED BY:
	DATE OF OFFENSE:	See Below
	August 10, 1984	DATE SUBMITTED:
		See Below

ITEMS SUBMITTED ON AUGUST 16, 1984 BY D.E. BRINKLEY:

- Item #1: An SBI Rape Kit composed of the following articles collected from the victim:
- a - Blood sample.
  - b - Vaginal smears.
  - c - Vaginal swabs.
  - d - Anal smears.
  - e - Anal swab.
  - f - Oral smears.
  - g - Saliva sample.
  - h - Vaginal aspirate.
  - i - Fingernail scrapings.
- Item #2: Blood sample from victim.  
 Item #3: Jewelry from victim.

ITEMS SUBMITTED ON AUGUST 21, 1984 BY J.W. BENDURE:

- Item #6: Panties from victim.

ITEMS SUBMITTED ON AUGUST 24, 1984 BY KENNETH BLEVIN:

- Item #A-1: Pair of navy slacks.

ITEMS SUBMITTED ON SEPTEMBER 14, 1984 BY W.S. WORSHAM:

- Item #B-1a: Blood sample from Darrell Eugene Hunt.  
 Item #B-1b: Saliva sample from Darrell Eugene Hunt.

ITEMS SUBMITTED ON SEPTEMBER 20, 1984 BY UNITED PARCEL SERVICE:

- Item #C-1: Three pair of tennis shoes from suspect.  
 Item #C-2a: T-shirt from suspect.

I, Rufus L. Edmisten, Attorney General of the State of North Carolina, hereby certify that the form identified as: North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report, is a form approved by me for the purpose stated in G.S. 90-95 (g) and approved by me in compliance with the said statute.

COPIES TO:

Mr. D.K. Tisdale, DA

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

*Haywood B. Starling*

Haywood Starling, Director

This report represents a true and accurate result of my analysis on the item(s) described.

*Brenda K. Bissette 12-4-84*

ITEMS SUBMITTED ON SEPTEMBER 20, 1984 BY UNITED PARCEL SERVICE (CONTINUED):

Item #C-2b: T-shirt from suspect.  
 Item #C-2c: Pants from suspect.  
 Item #C-2d: Pants from suspect.

ITEMS SUBMITTED ON NOVEMBER 16, 1984 BY J.W. BENDURE:

Item A: Lock blade knife from 760 Patterson Avenue.  
 Item B: Solinger folding knife from 760 Patterson Avenue.  
 Item C: Folding knife from 760 Patterson Avenue.  
 Item D: Sheath knife and leather case from 760 Patterson Avenue.

TYPE ANALYSIS REQUESTED:

Blood and semen.

RESULTS OF ANALYSIS:

Blood grouping analysis of Items #1a (victim's blood sample) and Item #1B-1a (suspect's blood sample) gave the following reactions:

Item	ABO	PGM	Hp	AK	ADA	Hb	CA	Pep A	6 PGD
#1a (victim)	O secretor	2	2-1	1	1	A	1	1	A
#B-1a (suspect)	B-secretor	1	2-1	1	1	A	2-1	1	A

Examination of Item #C-2c (pants) revealed the presence of human blood which gave the following reactions:

ABO	PGM	Hp	AK	ADA	Hb	CA	Pep A	6 PGD
A	2-1	2-1	1	1	A	1	1	A

No blood was detected on Items #C-1, #C-2a, #C-2b #C-2d, A, B, C and D (shoes, T-shirts, pants, knives).

Microscopic examination of Items #1b and #1d (vaginal smears and anal smears) and a slide prepared from Item #1h (vaginal aspirate) revealed the presence of spermatozoa.

Blood grouping analysis of the semen present on Items #1c and #1e (vaginal swabs and anal swab) gave the following reactions:

Item	ABO	PGM	Pep A
#1c (vaginal swab)	O secretor	2	1
#1e (anal swab)	nt	2	1

nt = not tested

No semen was detected on Items #1f, #1g, #6, #A-1 (oral smears, saliva sample, panties, navy slacks).

Items #1e and #3 (fingernail scrapings and jewelry) were not examined.

Conclusions:

- 1 - Bloodstains present on Item #C-2c (pants) is inconsistent with both the victim's and suspect's known blood groups as exhibited in Item #1a (victim's blood sample) and Item #B-1a (suspect's blood sample).
- 2 - No ABO, PGM or Pep A blood groups foreign to that of the victim was detected on Items #1c and #1e (vaginal swab and anal swab); therefore no conclusion can be drawn as to the ABO, PGM or pep A blood groups of the donor of the semen on these items.

DISPOSITION OF EVIDENCE:

Items #11 and #6 were submitted to Chemist J.W. Bendure on August 23, 1984.

The remainder of the evidence is being returned via first-class mail.

BKB/dm  
Attachment

North Carolina  
**STATE BUREAU OF INVESTIGATION**  
 Department of Justice  
 RALEIGH

**LABORATORY REPORT**

Officer D.E. Brinkley Winston-Salem Police Dept. P.O. Box 3114 Winston-Salem, N.C. 27102	SBI FILE NO. <i>30-11-10</i>	DATE November 26, 1984
	AGENCY FILE NO. 449402	LABORATORY NO. RCL8408727
	LOCATION Forsyth County	LABORATORY BY I.V. Bendure
	TYPE OF CASE Homicide	MATERIAL SUBMITTED BY See Below
	DATE OF OFFENSE August 10, 1984	DATE SUBMITTED See Below
VICTIM - DEBORAH BROTHERTON SYKES		

ITEMS SUBMITTED ON AUGUST 16, 1984 BY D.E. BRINKLEY:

- Item #6: Sealed brown paper bag containing the victim's panties.
- Item #7: Sealed brown paper bag containing the victim's top and bra.

ITEMS SUBMITTED ON AUGUST 23, 1984 BY S/A B.K. ROSETTE:

- Item #11: Two sealed pieces of paper containing the victim's fingernail scrapings.

ITEMS SUBMITTED ON OCTOBER 1, 1984 BY UNITED PARCEL SERVICE:

- Item A: Sealed plastic bag containing lock blade knife from 760 Patterson Avenue.
- Item B: Sealed plastic bag containing Solingen folding knife from 760 Patterson Avenue.
- Item C: Sealed plastic bag containing folding knife from 760 Patterson Avenue.
- Item D: Sealed plastic bag containing sheath knife and leather case from 760 Patterson Avenue.

TYPE ANALYSIS REQUESTED:

Analyze Items #6 and #7 for knife holes and cuts. Analyze Item #11 for fibers. Analyze Items A, B, C, and D for fiber transfers from Item #6 or Item #7.

RESULTS OF ANALYSIS:

Examination of Item #6 (victim's panties) revealed no presence of knife holes. Further examination revealed that panties had been torn in the crotch area in a horizontal direction. The torn area was all the way through the crotch section of the panties.

Examination of Item #7 (victim's top and bra) revealed the presence of 18 knife holes in the top which generally correspond with the victim's wounds described in the Medical Examiner's report except for four holes which indicate the victim's top may have been moved during the stabbing.

I, Rufus L. Edelman, Attorney General of the State of North Carolina, hereby certify that the form identified as North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report, is a form approved by me for the purpose stated in G.S. 90-93 (b) and approved by me in compliance with the said statute.

COPIES TO:

Mr. D.K. Tisdale, DA

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

Reference to this Report

This report represents a true and accurate result of my analysis on the items described.

*I.V. Bendure*

CONFIDENTIAL. THIS IS AN OFFICIAL FILE OF THE NORTH CAROLINA STATE BUREAU OF INVESTIGATION. TO HAVE PERIODICALLY OR REVEAL THE CONTENTS THEREOF TO ANY UNAUTHORIZED PERSON IS A VIOLATION OF THE GENERAL STATUTES OF NORTH CAROLINA.

Page 2

RCL8408727

RESULTS OF ANALYSIS (CONTINUED):

Examination of the victim's fingernail scrapings (Item #11) did not reveal any fibers of significant value.

Examination of Items A through D (knives) did not reveal any fibers which were found to be consistent with the fabric in items #6 and #7.

DISPOSITION OF EVIDENCE:

The items mentioned above are being returned to the requesting officer via first-class mail, except for Items A through D which were turned over to S/A B. K. Bissette for blood analysis on November 16, 1984.

JWB/dm  
Attachment

North Carolina  
STATE BUREAU OF INVESTIGATION  
Department of Justice  
Raleigh

SUPPLEMENTAL REPORT

LABORATORY REPORT

TO: Officer C. Crater, Property Control  
Winston-Salem Police Department  
725 Cherry Street  
Winston-Salem, N.C. 27102

DATE: March 11, 1985

SBI LAB NO.: RCL8408727

SBI FILE NO.:

AGENCY FILE NO.: 449402

TYPE OF CASE: Homicide

EXAMINED BY: B.B. Dew

LOCATION: Forsyth County

MATERIAL SUBMITTED BY: Addressee via lockbox

SUBJECT: VICTIM - DEBORAH SKYES  
SUSPECT - SAMMY LEE MITCHELL

DATE OF OFFENSE: August 10, 1984

DATE SUBMITTED: February 15, 1985

CONFIDENTIAL: This is an official file of the North Carolina State Bureau of Investigation. To make public or reveal the contents thereof to any unauthorized person is a violation of the General Statutes of North Carolina.

ITEMS SUBMITTED:

Item #D-1: Blood sample from Sammy Mitchell.  
Item #D-2: Saliva sample from Sammy Mitchell.

TYPE ANALYSIS REQUESTED:

Blood analysis.

RESULTS OF ANALYSIS:

Blood grouping analysis of Item #D-1 (Mitchell's blood sample) gave the following reactions:

<u>ARO</u>	<u>EAP</u>	<u>PGM</u>	<u>H<sub>2</sub></u>	<u>EsD</u>	<u>AK</u>	<u>ANA</u>	<u>Hb</u>	<u>CA</u>	<u>PepA</u>	<u>6PGD</u>
A secretor	CA	2-1	2-1	I	I	I	A	I	I	A

Item #D-2 (Mitchell's saliva sample) was not analyzed.

DISPOSITION OF EVIDENCE:

The evidence submitted is being returned via first-class mail.

BBD/dim  
Attachment

cc: Mr. D.K. Tisdale, D.A.S.

*Brenda B. Dew 3-14-85*

This report represents a true and accurate result of my analysis on the item(s) described.

*Robert Morgan*  
Robert Morgan, Director

MC

North Carolina  
**STATE BUREAU OF INVESTIGATION**  
Department of Justice  
RALEIGH

**LABORATORY REPORT**

TO: Officer D.E. Brinkley  
Winston-Salem Police Dept.  
P.O. Box 3114  
Winston-Salem, N.C. 27102

DATE: June 10, 1985

SBI LAB NO.: ACLB-09727

SBI FILE NO.:

TYPE OF CASE: Homicide

AGENCY FILE NO.: 44945

LOCATION: Forsyth County

EXAMINED BY: B.E. Iow

SUBJECT: VICTIM - DEBORAH TYRES  
SUSPECT - SAMMY DE MITCHELL

MATERIAL SUBMITTED BY: C.C. Reylefield

DATE OF OFFENSE: August 16, 1984

DATE SUBMITTED: June 7, 1985

ITEMS SUBMITTED:

Item #D-1: Tan shirt.  
Item #D-2: Burgandy slacks.

TYPE ANALYSIS REQUESTED:

Blood analysis.

RESULTS OF ANALYSIS:

No blood was detected on Items #D-1 and #D-2 (shirt and slacks).

DISPOSITION OF EVIDENCE:

The evidence submitted is being retained by this examiner.

BBD/dna

I, Lucy M. Trumbull, Attorney General of the State of North Carolina, hereby certify that the form described in the North Carolina State Manual of Investigation, Department of Justice, Laboratory Report, is a form approved by me for the purpose stated in G. S. 98-151 and approved by me in compliance with the said statute.

COPIES TO

Mr. D.K. Tisdale, D.A.

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

Robert Morgan, Director

This report represents a true and accurate result of my analysis on the items described.

*Robert Morgan*

CONFIDENTIAL. THIS IS AN OFFICIAL FILE OF THE NORTH CAROLINA STATE BUREAU OF INVESTIGATION. TO MAKE PUBLIC OR REVEAL THE CONTENTS THEREOF TO ANY UNAUTHORIZED PERSON IS A VIOLATION OF THE GENERAL STATUTES OF NORTH CAROLINA.

North Carolina  
**STATE BUREAU OF INVESTIGATION**  
Department of Justice  
RALEIGH

**LABORATORY REPORT**

TO: Winston-Salem Police and Evidence Unit      DATE: November 10, 1986  
Att: Sgt. G. G. Myers  
P. O. Box 3114  
Winston-Salem, NC 27102

SBI LAB NO.: RCL8403727

SBI FILE NO.:

AGENCY FILE NO.: 449402

TYPE OF CASE: Homicide

LOCATION: Forsyth County

SUBJECT: (VICTIM) DEBORAH B. SYKES

EXAMINED BY: J. W. Bendure

MATERIAL SUBMITTED BY: United Parcel Service

DATE OF OFFENSE: August 10, 1984

DATE SUBMITTED: August 1, 1986

ITEMS SUBMITTED:

- Item #1: Sealed brown paper bag containing panties from victim.
- Item #2: Sealed brown paper bag containing piece of elastic from 600 block, West End Boulevard.

TYPE ANALYSIS REQUESTED:

Fabric comparison.

RESULTS OF ANALYSIS:

Examination of Item #1 (victim's panties) revealed that a section of elastic band was missing from the left leg area of the panties. This section was calculated to be approximately 3.25 inches in length.

Examination of Item #2 (piece of elastic from 600 block West End Boulevard) revealed the presence of a piece of elastic which measures approximately 3.25 inches length. Further examination and comparison of Item #1 with Item #2 revealed that the elastic from Item #2 is consistent in color, composition and manufacturing detail with elastic material found in Item #9.

I, Lacy H. Thornburg, Attorney General of the State of North Carolina, hereby certify that the form identified as; North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report, is a form approved by me for the purpose stated in G.S. 90-95 (g) and approved by me in compliance with the said statute.

COPIES TO:

Mr. D. K. Tiedale, D. A.

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

*Robert Morgan*  
Robert Morgan, Director

This report represents a true and accurate result of my analysis on the item(s) described.

*J. W. Bendure*  
STATE BUREAU OF INVESTIGATION TO MAKE PUBLIC

RESULTS OF ANALYSIS (CONTINUED)

Therefore, the piece of elastic material from the 600 block of West End Boulevard could have originated from the victim panties.

DISPOSITION OF EVIDENCE

The items mentioned above are being returned to the requesting officer via first class mail.

JWB/fd

Attachment

*fw*



Brenda K. Bissette  
North Carolina State  
Bureau of Investigation  
3320 Old Garner Road  
P.O. Box 29500  
Raleigh, NC 27626-0500

Cellmark Diagnostics  
20271 Goldenrod Lane  
Germantown, Maryland 2087  
Telephone (301) 428-4980  
800-USA-LABS  
Fax (301) 428-4877

Re: Cellmark Case No. F891372  
Your Case No. RCL8408727

EXHIBITS:

The exhibit listed below was received for analysis on August 16, 1989:

Item 1C: 1 swab labelled "... 1C vaginal from Deborah Brotherton Sykes ..."

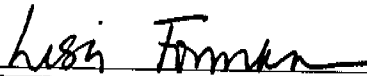
RESULTS:

DNA was extracted from the vaginal swab from Deborah Brotherton Sykes (1C) listed above. An insufficient quantity of high molecular weight DNA was obtained to continue testing.

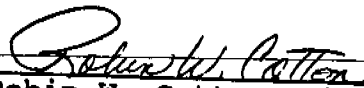
CONCLUSION:

No conclusion could be reached regarding the questioned evidence.

The evidence will be returned by registered mail.



Lisa Forman, Ph.D.



Robin W. Cotton, Ph.D.  
R&D Laboratory Manager

cc: Chief G.L. Sweat  
Winston-Salem Police Department  
P.O. Box 3114  
Winston-Salem, NC 27102

RECEIVED  
Nov 22 4 19 1989  
CHIEF'S OFF.  
W. S. P. D.



THE DNA FINGERPRINTING<sup>SM</sup> TEST

DNA molecules are the basic building block of genes. DNA is composed of two strands that fit together like a zipper. In many places, the DNA chain is interrupted by a series of identical sequences. These identical sequences are called "repetitive DNA". For each person (except for identical siblings), the arrangement of these sequences is different, and it is this difference that enables a DNA Fingerprint to be used for identification.

Cellmark Diagnostics scientists extract and purify DNA from various sources including fresh and dried blood and semen, tissue, bone and hair roots. DNA probes, small pieces of DNA which recognize the repetitive sequences mentioned above, are used to generate a unique banding pattern for each specimen. This pattern looks similar to a bar code.

In forensic casework, the DNA Fingerprint of a questioned sample is compared to that of a known specimen. If the two patterns match, the questioned sample must have come from the donor of the known specimen (except for identical siblings).

Using a rape case as an example, the DNA Fingerprint pattern of a questioned seminal stain is obtained and compared to those obtained from the blood of the victim and two suspects.

Victim								
Seminal stain								
Suspect #1								
Suspect #2								

A comparison of the DNA Fingerprint patterns in the example above identifies Suspect #1 as being the source of the seminal stain.

1. A.J. Jeffreys et al Nature (1985) 314, 67-73.
2. A.J. Jeffreys et al Nature (1985) 316, 76-79.
3. A.J. Jeffreys et al Nature (1985) 317, 818-819.
4. A.J. Jeffreys et al Am. J. Human Genetics (1986) 39, 11-24.

**CELLMARK**  
DIAGNOSTICS

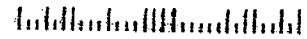
**Cellmark Diagnostics**  
20271 Goldenrod Lane  
Germantown, MD 20874

Chief G.L. Sweat  
Winston-Salem Police Department  
Winston-Salem, NC 27102

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A business unit of ICI Americas Inc.



STATE BUREAU OF INVESTIGATION

S U P P L E M E N T A L

Department of Justice  
RALEIGH

R E P O R T

LABORATORY REPORT

TO: Sgt. G. G. Myers  
Winston-Salem Police Dept.  
Evidence & Property Unit  
725 N. Cherry Street  
Winston-Salem, NC 27102

DATE: August 29, 1990  
SBI LAB NO.: RCL84-8727  
SBI FILE NO.:

TYPE OF CASE: Homicide

AGENCY FILE NO.: 449402

LOCATION: Forsyth County

EXAMINED BY: B. K. Bissette

SUBJECT: DEBORAH B. SYKES - VICTIM  
DARRELL EUGENE HUNT &  
SAMMY LEE MITCHELL - SUSPECTS

MATERIAL SUBMITTED BY: UPS  
DATE OF OFFENSE: August 10, 1984  
DATE SUBMITTED: August 23, 1990

ITEMS SUBMITTED:

Item #1: Sweater from ground near victim.

TYPE OF ANALYSIS REQUESTED:

Blood analysis.

RESULTS OF ANALYSIS:

Examination of the sweater (Item #1) failed to reveal the presence of blood.

DISPOSITION OF EVIDENCE:

The evidence submitted is being returned via first class mail in the attached package.

BKB:dbh  
Attachment

I, Lacy H. Thornburg, Attorney General of the State of North Carolina, hereby certify that the form identified as: North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report is a form approved by me for the purpose stated in G.S. 90-95(g) and approved by me in compliance with the said statute.

COPIES TO:

Mr. William . Sparrow, D. A.

THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.

*Robert Morgan*  
Robert Morgan, Director

This report represents a true and accurate result of my analysis on the item(s) described.

B. K. Bissette  
*B.K. Bissette*

CONFIDENTIAL. This is an official file of the North Carolina State Bureau of Investigation. To make public or reveal the contents thereof to any unauthorized person is a violation of the General Statutes of North Carolina.



Laboratory Corporation of America  
1912 Alexander Drive  
Research Triangle Park, NC 27709  
1-800-533-0567

**CERTIFICATE OF ANALYSIS**

**December 5, 1995**

District Attorney's Office  
P.O. Box 20083  
Winston Salem, North Carolina 27120-0083  
Attn: Mr. Thomas J. Keith

**Subject(s):** Cherry Ernest Ray  
Stoner, Carlos  
Hunt, Darryl  
McConnell, Johnny  
Mitchell, Sammy  
Sykes, Douglas

**FS Lab #:** F9400116

**Evidence Submitted:** Hand delivered by  
Randy N. Weavil

**Date Received:** 6/17/94

Item 7C                      One (1) tube labeled F891372/01e2, described to be sperm extract of vaginal swab.

Additional items were submitted but not tested at this time.

**Evidence Submitted:** Hand Delivered by  
Mark S. Nelson

**Date Received:** 08/26/95

Item A1                      One sealed envelope containing blood sample listed as from Sammy Mitchell.

Item A2                      One sealed envelope containing blood sample listed as from Darryl Hunt.

Item A3                      One sealed envelope containing blood sample listed as from Johnny McConnell.

F9400116

Evidence Submitted: RBL Courier

Date Received: 10/28/94

Item A4                      One sealed box containing blood sample listed as from Douglas Sykes

Evidence Submitted: Hand Delivered by  
Mark S. Nelson

Date Received: 11/08/95

Item 312-16                One sealed envelope containing blood sample listed as from Ernest Ray  
Cherry.

Item 312-17                One sealed envelope containing blood sample listed as from Carlos  
Stoner.

**Results:**

Deoxyribonucleic acid (DNA) was isolated from Items A1, A2, A3, A4, 312-16 and 312-17 and those extracts and Item 7C were characterized through the polymerase chain reaction (PCR) at the following genetic systems:

**Alleles Detected**

<u>Item</u>	<u>Sample</u>	<u>DQ Alpha</u>	<u>LDLR</u>	<u>GYPA</u>	<u>HBGG</u>	<u>D7S8</u>	<u>GC</u>	<u>D1S80</u>
A1	S. Mitchell	1.1, 1.2	A, B	A, B	A, C	A, B	B	18, 21
A2	D. Hunt	1.2, 2	A, B	B	A, C	A, B	B	21
A3	J. McConnell	1.1, 4	A, B	A, B	A, C	B	B	24, 25
A4	D. Sykes	3	A, B	A	A, B	A, B	A, B	24
312-16	E.R. Cherry	1.2	NT	NT	NT	NT	NT	25, 32
312-17	C. Stoner	4 -	NT	NT	NT	NT	NT	31, 34

<u>Item</u>	<u>Sample</u>	<u>TH01</u>	<u>TPOX</u>	<u>CSF</u>
A1	S. Mitchell	7, 9	NT	NT
A2	D. Hunt	6, 7	<8, 8	7
A3	J. McConnell	7	NT	NT
A4	D. Sykes	6, 9	NT	NT
312-16	E.R. Cherry	7, 8	NT	NT
312-17	C. Stoner	7, 8	NT	NT
7C	F891372/01e2	7	8	7

NT= Not tested.

F9400116

Based upon the results listed above S. Mitchell, D. Hunt, J. McConnell, D. Sykes, E.R. Cherry and C. Stoner are all excluded as possible contributors of the genetic material in Item 7C.

The results have been reviewed independently by the undersigned and are correct as reported.

Sworn to and subscribed  
before me this 21 day  
of December, 1995  
at Research Triangle Park, NC.

Luan Slano

Notary Public

State of North Carolina

My commission expires 6/14/98

Marcia Eisenberg  
Marcia Eisenberg, Ph.D.  
Director, Forensic Identity Testing



Laboratory Corporation of America  
1912 Alexander Drive  
Research Triangle Park, NC 27709  
1-800-533-0567

### CERTIFICATE

I certify that the specimen(s) received by Mr. Richard Guerrieri as listed in the Certificate of Analysis for FS Lab # 9400116 Dated December 5, 1995 were sealed by Mr. Richard Guerrieri, who has since left our laboratory, and were maintained in the care and custody of the lab with the seals intact. Certain items were re-opened for further analysis and resealed by myself prior to being released for shipment.

Anita L. Matthews  
Assistant Director, Forensic Identity

Sworn to and subscribed  
before me this 3rd day  
of January, 1996  
at Research Triangle Park, NC

Notary Public

State of North Carolina

My Commission expires Nov. 22, 1998



Form  
206

TYPE OF OFFENSE \_\_\_\_\_  
DATE OF OFFENSE \_\_\_\_\_  
AGENCY CASE # \_\_\_\_\_  
COURT DATE 1 \_\_\_\_\_  
ADD. COURT DATE(S) \_\_\_\_\_

F94-116  
Sub

ACCOUNT NO. \_\_\_\_\_

**CASE DESCRIPTION / ANALYSIS REQUESTED**

VICTIM(S) \_\_\_\_\_ AGE \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_ REFERENCE \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_  
SPECIMENS \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_  
SUSPECT(S) \_\_\_\_\_ AGE \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_  
AGE \_\_\_\_\_ SEX \_\_\_\_\_ RACE \_\_\_\_\_

**FORENSIC IDENTITY DNA**

RBL CASE #	SAMPLE / EVIDENCE SUBMITTED	
	INCLUDE DATE(S) OF SAMPLE COLLECTION & ANY BLOOD TRANSFUSION HISTORY FOR EACH	
PLACE ACCESSIONING LABEL #1 HERE	1. Ernest Ray Cherry Jr.	PLACE ACCESSIONING LABEL #5 HERE
PLACE ACCESSIONING LABEL #2 HERE	2. Carlos Stoner	PLACE ACCESSIONING LABEL #6 HERE
PLACE ACCESSIONING LABEL #3 HERE	3. _____	PLACE ACCESSIONING LABEL #7 HERE
1/2 PLACE ACCESSIONING LABEL #4 HERE	4. _____	Amelia PLACE ACCESSIONING LABEL #8 HERE
		8. 1/3/96

**CHAIN OF CUSTODY**

PURPOSE	RELEASED BY	DATE	RECEIVED BY	DATE
RELEASE SAMPLES FOR SHIPMENT	PRINT SIGN <i>M. S. N. 13</i>	1/2/96	PRINT SIGN <i>Lab Corp</i>	1/1/96
Return	PRINT SIGN <i>Lab Corp</i>	1/3/96	PRINT SIGN <i>Amelia</i>	
	PRINT SIGN		PRINT SIGN	
	PRINT SIGN		PRINT SIGN	

I certify that the specimen identified by this accession number is the same specimen that bears the identification number set forth above, that the specimen has been examined upon receipt, handled and analyzed.

(PRINT) CERTIFYING SCIENTIST'S NAME

SIGNATURE OF CERTIFYING SCIENTIST

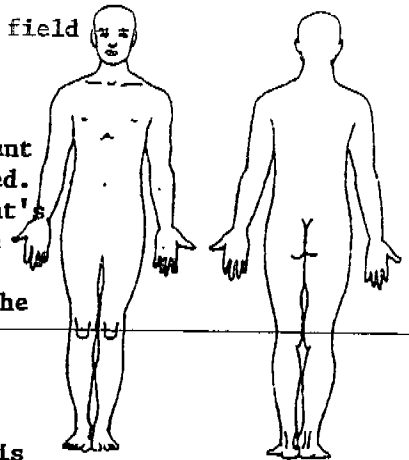
DATE



SBI LAB NO.: RCL8408727

**PART B:** Description of the incident (Brief Summary of the events of the crime). Be sure to provide details as to who may have been bleeding in cases involving body fluid/DNA evidence.

On 08-10-84, Deborah B. Sykes was found deceased in a field in the 0 hundred block of West End Blvd. She suffered multiple stab wounds to her chest and neck. As this investigation continued, Darryl Eugene Hunt and Sammy ~~Ray~~ Mitchell were charged with her death. Darryl Hunt was subsequently convicted and is currently incarcerated. Mr. Mitchell still awaits trial. Subsequent to Mr. Hunt's conviction, his attorney, Mark Rabil, has requested the court to order the Winston-Salem Police Department to submit the DNA evidence to the SBI Lab for entry into the DNA database. Hunt, Mitchell, Gray and Mr. Sykes have been eliminated as donors of this DNA evidence. This evidence is from swabs taken from Ms. Sykes at autopsy.



The purpose of this request is follow the order of the Court to enter this evidence into the SBI DNA database in efforts to identify the donor of this DNA evidence. \*NOTE: attached to this SBI-5 is a copy of the court order dated April 7, 2003.

For Firearms Examination  
(Show entrance and exit wounds)

**PART C:** (For body fluid/DNA cases)

Have samples from all possible bleeders or body fluid donors been included?  Yes  No

(All known samples have been submitted.)

Have any of the above subjects been transfused in the last 120 days?  Yes  No

In sexual assault cases answer the following:

1. Was the attacker known to the victim?  Yes  No

2. Did the victim have sex with someone within 72 hours prior to the attack?  Yes  No (unknown)

3. A. Is a known blood sample from the consenting sex partner available at this time?  Yes  No (n/a)

B. Do you plan to submit this sample?  Yes  No

4. What statement(s) has/have the suspect(s) made:

A.  Denies being involved B.  No statement C.  Claims it was consensual

NOTE: No DNA testing will be conducted on evidence samples unless known blood samples from all victims and suspects are submitted. In sexual assault cases, known blood must also be submitted from any consensual sexual partners of the victim within 72 hours of the assault, if DNA typing is requested.

**PART D:** (For hair, fiber and other particle analysis cases)

Crime Occurred: (Check all that apply)  Suspect's Residence  Victim's Residence

Suspect's Vehicle  Victim's Vehicle

Other location (describe): \_\_\_\_\_

Have the suspect(s) and victim(s) lived at the same residence or shared a common environment?  Yes  No

If this is a rape case, has consent or common environment been involved?  Yes  No  
IF YES, HAIR SAMPLES SHOULD NOT BE SUBMITTED FOR EXAMINATION

Be sure to indicate the race of the victim(s) and suspect(s) listed on Page 1

Please retain all hair and fiber evidence until either (1) the hair samples from all suspects and victims are obtained for hair analysis, OR (2) all fiber standards (carpeting, upholstery, clothing of suspect/victim) are obtained for fiber analysis. YOU MUST SUBMIT THE NECESSARY STANDARDS BEFORE ANALYSIS CAN BE PERFORMED.

PART A

REQUEST FOR EXAMINATION OF PHYSICAL EVIDENCE

Requesting Officer: Det. M.C. Rowe County of Offense: Forsyth  
Requesting Agency: Winston-Salem PD ORI #: \_\_\_\_\_

SBI Lab # R2003-8954  
SBI File # 1986-02289  
2003-3687

PLEASE PLACE A CHECK MARK (✓) BESIDE THE PREFERRED ADDRESS

Agency P. O. Box, City and Zip : \_\_\_\_\_ Agency File # 449402  
 Agency Street Address, City and Zip : 725 N. Cherry St., W-S, NC 27101 Type of Case: Homicide  
CAA (SBI Case Agent Assigned) : \_\_\_\_\_ DIC (SBI District in Charge) : 05 Date of Offense: 8/10/84  
Investigating Officer Name and Best Contact Number - Name: Scott Williams Contact Number: 336-338-0314

VICTIM(S)	Race/Sex	DOB	SUSPECT(S)	Race/Sex	DOB	SID #
<u>Deborah Sykes</u>	<u>W/F</u>	<u>11/21/58</u>	<u>Williard Brown</u>	<u>B/M</u>	<u>8/9/60</u>	

Has any evidence in this case been submitted to the laboratory previously? \_\_\_\_\_ If yes, to which section(s)? \_\_\_\_\_

Lab Item #	Agency Item #	Type Container/Description of Evidence	Examine For	Exact Location Found (Use names for body fluid/DNA Evidence)
<u>2</u>	<u>1</u>	<u>paper envelope / two cigarette butts</u>	<u>DNA</u>	<u>Williard Brown @ Forsyth Co. Jail</u>

Additional Analysis Requested / Instructions:

EVIDENCE WILL BE RETURNED TO THE REQUESTING OFFICER

SBI LABORATORY CHAIN OF CUSTODY USE ONLY

The signatures of North Carolina State Bureau of Investigation employees appearing below indicate that the material described above under TYPE CONTAINER / DESCRIPTION OF EVIDENCE was delivered to the person (or approved carrier) indicated, on or about the date stated, and was delivered in essentially the same condition as received.

ITEM(S)	Received By: (Print)	(Initial)	Received From: (Print)	(Initial)	DATE
<u>2-1, 2-2</u>	<u>Stk Brant</u>		<u>M.S. Williams</u>	<u>M.S.W</u>	<u>12-17-03</u>
<u>#1</u>	<u>Utesh</u>	<u>UJT</u>	<u>S. Clay</u>	<u>SC</u>	<u>3/9/04</u>
<u>#1</u>	<u>M.D. Miller</u>	<u>MSU</u>	<u>Utesh</u>	<u>UJT</u>	<u>4/28/04</u>

PART A

REQUEST FOR EXAMINATION OF PHYSICAL EVIDENCE

Requesting Officer: B.K. BISSETTE County of Offense: FORSYTH SBI Lab # R2003-8954  
 Requesting Agency: NC SBI ORI #: \_\_\_\_\_ SBI File # \_\_\_\_\_

PLEASE PLACE A CHECK MARK (✓) BESIDE THE PREFERRED ADDRESS

Agency P. O. Box, City and Zip : \_\_\_\_\_ Agency File # \_\_\_\_\_  
 Agency Street Address, City and Zip : \_\_\_\_\_ Type of Case: Homicide  
 CAA (SBI Case Agent Assigned) : \_\_\_\_\_ DIC (SBI District in Charge) : \_\_\_\_\_ Date of Offense: 08-10-04  
 Investigating Officer Name and Best Contact Number - Name: \_\_\_\_\_ Contact Number: \_\_\_\_\_

VICTIM(S)	Race/Sex	DOB	SUSPECT(S)	Race/Sex	DOB	SID #
<u>Deborah B. Sykes</u>	<u>W/F</u>	<u>11-21-58</u>				

Has any evidence in this case been submitted to the laboratory previously? \_\_\_\_\_ If yes, to which section(s)? \_\_\_\_\_

Lab Item #	Agency Item #	Type Container/Description of Evidence	Examine For	Exact Location Found <small>(Use names for body fluid/DNA Evidence)</small>
<u>1-5</u>		<u>NON-SPERM EXTRACT</u>	<u>DNA</u>	<u>VAGINAL SWAB</u>
<u>1-6</u>		<u>SPERM EXTRACT</u>	<u>DNA</u>	<u>VAGINAL SWAB</u>
<u>1-12</u>		<u>EXTRACT</u>	<u>DNA</u>	<u>BLOOD STAIN FROM VICTIM'S SWEATER</u>

Additional Analysis Requested / Instructions:

EVIDENCE WILL BE RETURNED TO THE REQUESTING OFFICER

SBI LABORATORY CHAIN OF CUSTODY USE ONLY

The signatures of North Carolina State Bureau of Investigation employees appearing below indicate that the material described above under TYPE CONTAINER / DESCRIPTION OF EVIDENCE was delivered to the person (or approved carrier) indicated, on or about the date stated, and was delivered in essentially the same condition as received.

ITEM(S)	Received By: (Print)	(Initial)	Received From: (Print)	(Initial)	DATE
<u>5, 1-6, 1-12</u>	<u>Steven A. O'Dell Jr.</u>	<u>SO</u>	<u>B.K. Bissette</u>		<u>12-15-03 0855</u>
<u>5, 1-6, 1-12</u>	<u>B.K. Bissette</u>		<u>Steve O'Dell Jr</u>	<u>SO</u>	<u>12-16-03</u>
<u>1-6, 1-12</u>	<u>(W/TEST)</u>	<u>CJT</u>	<u>S. Clary</u>	<u>88</u>	<u>3/9/04</u>
<u>1 SPKG (W/TEST)</u>	<u>M. M. WALKER</u>	<u>MIL</u>	<u>(W/TEST)</u>	<u>CJT</u>	<u>4/28/04</u>

PART A

REQUEST FOR EXAMINATION OF PHYSICAL EVIDENCE

Requesting Officer: M.S. Williams

County of Offense: Forsyth

SBI Lab # 22003-8954

Requesting Agency: SBI

ORI #: NC SBI 2003-03687

SBI File # 2003-03687

PLEASE PLACE A CHECK MARK (✓) BESIDE THE PREFERRED ADDRESS

Agency P. O. Box, City and Zip: P.O. Box 897, Kernersville, NC 27285 Agency File # \_\_\_\_\_

Agency Street Address, City and Zip: \_\_\_\_\_ Type of Case: Homicide

CAA (SBI Case Agent Assigned): 725 DIC (SBI District in Charge): 05 Date of Offense: 9/10/84

Investigating Officer Name and Best Contact Number - Name: Scott Williams Contact Number: 336-338-0314

VICTIM(S)	Race/Sex	DOB	SUSPECT(S)	Race/Sex	DOB	SID #
<u>Deborah B. Sykes</u>	<u>W/F</u>	<u>11/21/58</u>	<u>Willard E. Brown</u>	<u>B/M</u>	<u>8/9/60</u>	

Has any evidence in this case been submitted to the laboratory previously?  If yes, to which section(s)? \_\_\_\_\_

Lab Item #	Agency Item #	Type Container/Description of Evidence	Examine For	Exact Location Found (Use names for body fluid/DNA Evidence)
<u>3</u>	<u>1</u>	<u>manilla envelope / sweater</u>		<u>From victim at scene</u>
<u>4</u>	<u>2</u>	<u>" // fingerprint scrapings</u>		<u>" " " "</u>
<u>5</u>	<u>3</u>	<u>" // " "</u>		<u>" " " "</u>

Additional Analysis Requested / Instructions:  
Cross ref. R 20038954

EVIDENCE WILL BE RETURNED TO THE REQUESTING OFFICER

SBI LABORATORY CHAIN OF CUSTODY USE ONLY

The signatures of North Carolina State Bureau of Investigation employees appearing below indicate that the material described above under TYPE CONTAINER / DESCRIPTION OF EVIDENCE was delivered to the person (or approved carrier) indicated, on or about the date stated, and was delivered in essentially the same condition as received.

ITEM(S)	Received By: (Print)	(Initial)	Received From: (Print)	(Initial)	DATE
<u>3-1, 3-2</u>	<u>BIC Burnett</u>		<u>M.S. Williams</u>	<u>MSW</u>	<u>1-13-04</u>
<u>1, 2, 3</u>	<u>QUTESH</u>	<u>QUT</u>	<u>S. Clay</u>	<u>SC</u>	<u>3/9/04</u>
<u>1, 2, 3</u>	<u>MSB Mall</u>	<u>MSB</u>	<u>QUTESH</u>	<u>QUT</u>	<u>4/6/04</u>

North Carolina  
State Bureau of Investigation  
Department of Justice  
Raleigh  
Laboratory Report

TO: L. M. Poe  
Winston-Salem Police Department  
725 North Cherry Street  
Winston Salem, NC 27101

DATE: January 15, 2004  
SBI LAB NO. : R20038954  
SBI FILE NO. : 2003-3687  
AGENCY FILE NO. : 449402  
EXAMINED BY: Brenda Bisette  
SUBMITTED BY: See Below  
DATE OF OFFENSE: August 10, 1984  
DATE SUBMITTED: See Below  
TRACKING NO.: 131372

LOCATION: Forsyth County  
TYPE OF CASE: Homicide

SUBJECT(S): Williard Brown (suspect) Deborah B. Sykes (victim)

**ITEMS SUBMITTED BY ED. RAINES ON APRIL 15, 2003:**

- Item # 1 (Your Item 101): Liquid blood sample from Deborah Sykes, Douglas Sykes, and Darryl Hunt, vaginal aspirate, tube labeled STN 2 sweater, vaginal & anal smears, vaginal swabs, a slide, five tubes of material.
- Item # 1-1: Liquid blood sample of the victim, Dehorah Sykes.
- Item # 1-2: Vaginal smears of victim.
- Item # 1-3: Vaginal swab stick from victim.
- Item # 1-4: Test tube identified as remainder of previously extracted vaginal swab.
- Item # 1-5: Test tube identified as non-sperm extract of vaginal swab.
- Item # 1-6: Test tube identified as sperm fraction of vaginal swab.
- Item # 1-7: Test tube identified as final washing of vaginal swab.
- Item # 1-8: Test tube identified as sperm pellet wash of vaginal swab.
- Item # 1-9: Swabbing of vacutainer tube containing vaginal aspirate.
- Item # 1-10: Vaginal aspirate slide.
- Item # 1-11: Anal smear of victim.
- Item # 1-12: Test tube identified as sweater of victim.
- Item # 1-13: Liquid blood sample of Douglas Sykes.
- Item # 1-14: Liquid blood sample of Darryl Hunt.

**ITEMS SUBMITTED BY M. S. WILLIAMS ON DECEMBER 17, 2003:**

- Item # 2 (Your Item 1): Two cigarette butts.
- Item # 2-1: Cutting from cigarette butt obtained from Williard Brown.
- Item # 2-2: Cutting from cigarette butt obtained from Williard Brown.

**ITEMS SUBMITTED BY M. S. WILLIAMS ON JANUARY 13, 2004:**

- Item #3 (Your Item 1): Sweater from victim.
- Item # 3-1: Cutting from sweater.
- Item # 3-2 Cutting from sweater.

I, Roy Cooper, Attorney General of the State of North Carolina, hereby certify that the form identified as: North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report is a form approved by me for the purpose stated in G.S. 90-95(g) and approved by me in compliance with the said statute.

**THIS REPORT IS TO BE USED ONLY IN CONNECTION WITH AN OFFICIAL CRIMINAL INVESTIGATION.**

**COPIES TO:**

Mr. Thomas J. Keith, DA  
SAC Frank Brown  
SA W. S. Williams

*Robin P. Pendergraft*

Robin Pendergraft, Director

*B. K. Bisette*

Brenda Bisette

**ITEMS SUBMITTED BY M. S. WILLIAMS ON JANUARY 13, 2004 (continued):**

Item # 4 (Your Item 2): Fingernail scrapings from the victim.

Item #5 (Your Item 3): Fingernail scrapings from the victim.

**TYPE EXAMINATION REQUESTED:**

STR/DNA Analysis.

**RESULTS OF EXAMINATION:**

Chemical indications of blood were detected on the sweater (Item 3). Cuttings from the cigarette butts (Items 2-1 and 2-2) and cuttings from the sweater (Items 3-1 and 3-2) were taken for DNA analysis. DNA from Items 1-2, 1-3, 1-9, 1-11, 3-1, 3-2, 4, 5 and previously extracted DNA from Items 1-4, 1-5, 1-6, 1-7, and 1-8 along with the DNA from the cuttings from the cigarette butts of the suspect, Williard Brown (Items 2-1 and 2-2) and the DNA from the bloodstain from the victim's sweater (Item 1-12) was extracted, quantitated, amplified, and tested with DNA primers that react with the polymorphic human loci CSF1PO, TPOX, TH01, vWA, D16S539, D7S820, D13S317, D5S818 and Amelogenin. Items 1-2, 1-5, 1-6, 1-12, 2-1,2-2, 3-1,3-2, and 5 were also tested with the DNA primers that react with the polymorphic human loci Penta E, D18S51, D21S11, D3S1358, FGA, and D8S1179. Items 1-1, 1-10, 1-13, and 1-14 (liquid blood samples) were not examined.

The DNA profile obtained from the sperm fraction extract of the vaginal swab analyzed by the Alabama Department of Forensic Science (Item 1-6) **MATCHED** the DNA profile obtained from the cuttings from the cigarette butt of the suspect, Williard Brown (Items 2-1 and 2-2) and **DID NOT MATCH** the DNA profile obtained from the bloodstain from the victim's sweater (Item 1-12). The match for Item 1-6 was made for CSF1PO, TPOX, TH01, vWA, D16S539, D7S820, D13S317, D5S818, D18S51, D21S11, D3S1358, FGA, D8S1179, and Amelogenin.

The DNA profile obtained from the cuttings from the victim's sweater (Items 3-1 and 3-2) **MATCHED** the DNA profile obtained from the bloodstain from the victim's sweater (Item 1-12) and **DID NOT MATCH** the DNA profile obtained from the bloodstain of the suspect, Williard Brown (Items 2-1 and 2-2). The match for these items was made for CSF1PO, TPOX, TH01, vWA, D16S539, D7S820, D13S317, D5S818, Penta E, D18S51, D21S11, D3S1358, FGA, D8S1179, and Amelogenin. No population frequency data were generated for these items.

The DNA profile obtained from the non-sperm fraction of the vaginal swab (Item 1-5) and the DNA profile obtained from the sperm pellet wash of the vaginal swab (Item 1-8) **ALSO MATCHED** the DNA profile obtained from the bloodstain from the victim's sweater (Item 1-12) and **DID NOT MATCH** the DNA profile obtained from the cuttings from the cigarette butt of the suspect, Williard Brown (Items 2-1 and 2-2). The match for Item 1-5 was made for TPOX, TH01, vWA, D16S539, D7S820, D13S317, D5S818, Penta E, D21S11, D3S1358, FGA, D8S1179, and Amelogenin. The match for Item 1-8 was made for TH01, vWA, D5S818, and Amelogenin. No population frequency data were generated for these items.

No conclusive DNA profile was obtained from the vaginal smear, vaginal swab stick, the remainder of the previously extracted vaginal swab, the final washing of the vaginal swab, swabbing of the vacutainer tube containing the vaginal aspirate and the anal smear (Items 1-2, 1-3, 1-4, 1-9 and 1-11).

No DNA profile was obtained from the fingernail scrapings (Items 4 and 5).

**CONCLUSIONS (CALCULATION OF LIKELIHOOD DATA):**

This laboratory maintains population databases for the N.C. White, Black, Lumbee Indian and Hispanic populations and also has access to other population databases which can be used as appropriate.

The DNA profile obtained from the sperm fraction extract of the vaginal swab analyzed by the Alabama Department of Forensic Science (Item 1-6) is approximately:

7.46 thousand trillion times more likely to be observed if it came from Williard Brown than if it came from another unrelated individual in the N.C. Caucasian population,

**CONCLUSIONS (CALCULATION OF LIKELIHOOD DATA):**

546 trillion times more likely to be observed if it came from Williard Brown than if it came from another unrelated individual in the N.C. Black population,

847 trillion times more likely to be observed if it came from Williard Brown than if it came from another unrelated individual in the N.C. Lumbee Indian population,

4.26 thousand trillion times more likely to be observed if it came from Williard Brown than if it came from another unrelated individual in the N.C. Hispanic population.

**DISPOSITION OF EVIDENCE:**

Items 1-5, 1-6 and 1-12 were submitted to Steve O'Dell, Jr. in the DNA Unit of the Alabama Department of Forensic Sciences in Birmingham on December 15, 2003. These items were turned back over to S/A B. K. Bissette on December 16, 2003.

The remaining material (if any) is being retained for pick up by the investigating agency.