



Commonwealth of Virginia  
 Department of Criminal Justice Services  
**DIVISION OF FORENSIC SCIENCE**

**CERTIFICATE OF ANALYSIS**

August 26, 2002

Western Laboratory  
 6600 Northside HS Road  
 Roanoke, VA 24019-2837

Telephone: (540) 561-6600  
 Fax: (540) 561-6608

TO: D. R. GEARHART  
 LYNCHBURG POLICE DEPARTMENT  
 ATTN C. BASS  
 905 COURT ST.  
 LYNCHBURG VA 24504

FS Lab #: W02-3662

Your Case #: CC#2002-028493  
 02-28493  
 2002-028493 & 2002-030475

Victim(s): ROBINSON, Anthony McKinley  
 ROBINSON, Rhonda Whitehead

Suspect(s): WINSTON, Leon Jermain  
 BROWN, Kevin Eugene

Evidence Submitted By: R. W. Moore

Received: 04/22/02

Item 136 Baseball cap  
 Item 139 Stocking cap  
 Item 200 Two (2) gloves  
 Item 201 Bandanna  
 Item 202 Doo-rag

Evidence Submitted By: W. D. Torbick

Received: 04/30/02

Item 33 Buccal swabs from Leon Jermain Winston  
 Item 34 Buccal swabs from Kevin Eugene Brown  
 Item 50 Taurus Model 85, caliber 38 Special, Double Action Revolver, serial number L124785  
 Item 400 Croatian Model HS 2000, Caliber 9mm Luger, Semiautomatic Pistol, serial number 34520, and magazine containing one (1) cartridge  
 Item 998 Blood sample from Rhonda Whitehead Robinson  
 Item 999 Blood sample from Anthony McKinley Robinson

Evidence Submitted By: J. J. Pelletier

Received: 05/22/02

Item 37 Letter  
 Item 135 Hair  
 Item 311 Sweatshirt  
 Item 313 Paper towel  
 Item 402 Plastic bag  
 Item 403 EZ Street Gear sweatshirt  
 Item 404 Ralph Lauren blue jeans  
 Item 405 Levi's blue jeans  
 Item 406 GAP sweatshirt  
 Item 407 Fruit of the Loom T-shirt  
 Item 408 Fruit of the Loom T-shirt  
 Item 409 Black T-shirt  
 Item 410 Global T-shirt  
 Item 411 Allsport T-shirt



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Evidence Submitted By cont.: J. J. Pelletier

Received: 05/22/02

Item 412 Six (6) pairs of boxer shorts and one (1) pajama bottom  
 Item 413 T-shirt  
 Item 414 T-shirt  
 Item 415 Blue jeans  
 Item 500 Hooded jacket  
 Item 501 Scarf  
 Item 503 Hooded jacket  
 Item 504 Skull cap  
 Item 601 Clear plastic bottle  
 Item 602 Sprite plastic bottle  
 Item 603 Mountain Dew plastic bottle  
 Item 605 Peanut wrapper  
 Item 608 Cigar butt  
 Item 609 Hairs and fibers  
 Item 610 Hairs and fibers

Evidence Submitted By: J. J. Pelletier

Received: 06/04/02

Item 140 Back door

Evidence Submitted By: Cert Mail - 7001 1140 0000 5616 0897

Received: 07/24/02

Item 4102 Timberland boots from Kevin Eugene Brown

Evidence Submitted By: Cert Mail - 917108 2133 3930 08160467

Received: 08/13/02

Item 5401 Buccal swabs from David Ralph Hardy

**RESULTS:**

- Item 33 Human deoxyribonucleic acid (DNA) was isolated from the buccal swabs from Leon Jermain Winston. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System (which includes the FGA, TPOX, D8S1179, vWA, Arnelogenin, Penta E, D18S51, D21S11, TH01, D3S1358, Penta D, CSF1PO, D16S539, D7S820, D13S317, and D5S818 loci). Refer to the table for the typing results.
- Item 34 Human DNA was isolated from the buccal swabs from Kevin Eugene Brown. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Item 50 No blood was detected on the revolver. No further analysis was conducted at the request of W. D. Torbick on May 3, 2002.
- Item 136 Human DNA was isolated from a sample from the inside hat band of the baseball cap. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.



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## RESULTS CONT...

- Item 139 Human DNA was isolated from a sample from the stocking cap. This sample was amplified and typed using the PowerPlex® 16 BIO System. Refer to the table for the typing results.
- Subsequently, the DNA profile obtained from the sample from the stocking cap was searched against the Virginia DNA Data Bank at the PowerPlex® 16 BIO loci, with the exception of the Amelogenin and D16S539 loci. The comparison of this DNA profile to the Virginia DNA Data Bank found that the major DNA profile obtained from the sample from the stocking cap is consistent with the DNA profile of David R. Hardy, SS # 049-42-6262, date of birth 02/20/1949, white, male.
- Item 140 No DNA isolation, amplification, or typing results were obtained from a sample from the window of the back door using the PowerPlex® 16 BIO System. Therefore, no conclusion can be made regarding the presence of any genetic material in this sample.
- Item 200 Human DNA was isolated from a sample from the inside of the right glove and a sample from the inside of the left glove. These samples were amplified and typed using the PowerPlex® 16 BIO System. Refer to the table for the typing results.
- Item 201 Human DNA was isolated from a sample from knot area of the bandanna. This sample was amplified and typed using the PowerPlex® 16 BIO System. Refer to the table for the typing results.
- Item 202 No DNA isolation or amplification results were obtained from a sample from the knot area of the doo-rag or from a hair recovered from the doo-rag using the PowerPlex® 16 BIO System. In addition, no DNA typing results were obtained from the hair recovered from the doo-rag. Therefore, no conclusion can be made regarding the presence of any genetic material in these samples.
- Item 400 No blood was detected on the pistol. Human DNA was isolated from a sample from the grip of the pistol. This sample was amplified and typed using the PowerPlex® 16 BIO System. Refer to the table for the typing results.
- The magazines containing one (1) cartridge was not examined.
- Item 403 No blood was detected on the EZ Street Gear sweatshirt.
- Item 404 No blood was detected on the Ralph Lauren blue jeans.
- Item 405 No blood was detected on the Levi's blue jeans.
- Item 406 There was no indication of blood on the GAP sweatshirt.
- Item 407 Chemical tests indicated the presence of blood on the inside front of the Fruit of the Loom T-shirt. Human DNA was isolated from the stain from the T-shirt. This sample was amplified and typed using the PowerPlex® 16 BIO System. Refer to the table for the typing results.
- Item 408 No blood was detected on the Fruit of the Loom T-shirt.
- Item 409 There was no indication of blood on the black T-shirt.
- Item 410 No blood was detected on the Global T-shirt.



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RESULTS CONT...

- Item 411 No blood was detected on the Allsport T-shirt.
- Item 601 No DNA isolation or amplification results were obtained from a sample from the mouth area of the clear plastic bottle using the PowerPlex<sup>®</sup> 16 BIO System. Therefore, no conclusion can be made regarding the presence of any genetic material in this sample.
- Item 602 Human DNA was isolated from a sample from the mouth area of the Sprite plastic bottle. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Item 603 Human DNA was isolated from a sample from the mouth area of the Mountain Dew plastic bottle. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Item 608 No DNA isolation or amplification results were obtained from the cigar butt using the PowerPlex<sup>®</sup> 16 BIO System. Therefore, no conclusion can be made regarding the presence of any genetic material in this sample.
- Item 998 Human DNA was isolated from the blood sample from Rhonda Whitehead Robinson. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Item 999 Human DNA was isolated from the blood sample from Anthony McKinley Robinson. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Item 4102 No blood was detected on the Timberland boots from Kevin Eugene Brown.
- Item 5401 Human DNA was isolated from the buccal swabs from David Ralph Hardy. This sample was amplified and typed using the PowerPlex<sup>®</sup> 16 BIO System. Refer to the table for the typing results.
- Items 37, 135, 311, 313, 402, 412 - 415, 500, 501, 503, 504, 605, 609, 610 were not examined following notification from Bill Petty on August 19, 2002.



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August 26, 2002

Table of PowerPlex® 16 BIO Typing Results

Item	Description	FGA	TPOX	DSS1179	vWA	Amelogenin	Penta E	D18S51	D21S11
998	Blood sample from Rhonda Robinson	22, 24	INC	11, 13	14, 15	X, X	12, 18	13, 15	30, 32.2
999	Blood sample from Anthony Robinson	23, 24	INC	13, 15	15, 16	X, Y	7, 8	15, 17	28, 29
33	Buccal swabs from Leon Winston	22, 22	INC	14, 14	16, 16	X, Y	12, 15	15, 15	32.2, 32.2
34	Buccal swabs from Kevin Brown	19, 23	INC	14, 14	16, 20	X, Y	8, 14	16, 16	27, 28
5401	Buccal swabs from David Hardy	20, 21	8, 11	13, 14	17, 17	X, Y	11, 12	16, 17	30, 30
136	Sample from baseball cap	19, 24	(8), 11	14, 14	15, (16), (17), 18	X, Y	5, 7	(15), 16	27, 27
139	Sample from stocking cap	20, 21	8, 11	13, 14	(16), 17	X, Y	11, 12	(16), 17	30, 30
200	Two (2) gloves								
	Sample from right glove	(20), 21, 22	8, 11	13, 14	(16), 17, (20)	X, Y	(11), (12), 14, 15	(13), (15), 16	(27), 28, (30), (32.2)
	Sample from left glove	19, 20, 21, (22), (23)	11, 11	(13), 14	(16), 17, (20)	X, Y	12, 14	(15), 16, (17)	30, 30
201	Sample from bandanna	(19), (21), 22	8, (9), (11)	14, 14	(15), 16	X, Y	12, 15	15, 15	32.2, 32.2
400	Sample from grip of pistol	22, 22	INC	14, 14	16, 16	X, Y	12, 15	15, 15	32.2, 32.2
407	Stain from T-shirt	22, 22	8, 9	14, 14	16, 16	X, Y	12, 15	15, 15	32.2, 32.2
602	Sample from Sprite plastic bottle	23, 24	10, 11	11, 12	16, 18	X, Y	10, 19	14, 16	27, 28
603	Sample from Mt. Dew plastic bottle	NR	NR	14, 15	15, 18	NR	NR	NR	NR

Types in parentheses ( ) are less intense than types not in parentheses

INC = inconclusive

NR = no result



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Continuation of the Table of PowerPlex® 16 BIO Typing Results

Item	Description	TH01	D3S1358	Penta D	CSF1PO	D16S839	D7S820	D13S317	D5S818
998	Blood sample from Rhonda Robinson	7, 8	14, 16	INC	INC	11, 13	10, 11	12, 13	12, 12
999	Blood sample from Anthony Robinson	7, 9, 3	16, 18	INC	INC	8, 13	8, 10	8, 11	11, 12
33	Buccal swabs from Leon Winston	7, 7	16, 16	INC	INC	9, 9	9, 10	11, 12	11, 12
34	Buccal swabs from Kevin Brown	8, 8	14, 17	INC	INC	9, 11	8, 11	10, 12	12, 13
5401	Buccal swabs from David Hardy	6, 7	15, 16	9, 13	11, 11	11, 12	11, 14	11, 14	11, 11
136	Sample from baseball cap	7, 7	(15), 16	NR	INC	INC	11, 11	12, (13)	9, 11, (12)
139	Sample from stocking cap	6, 7	(15), 16	9, 13	11, 11	INC	11, 14	11, 14	11, 11
200	Two (2) gloves								
	Sample from right glove	7, 8	(14), (15), (16), 17	INC	INC	INC	11, 11	10, 12	11, (13)
	Sample from left glove	7, 8	(14), 15, 16	9, 12	INC	INC	8, 11	11, 12, (14)	11, (12), (13)
201	Sample from bandanna	7, 7	16, 16	11, 12	10, 10	9, 9	9, 10	11, 12	11, 12
400	Sample from grip of pistol	7, 7	16, 16	INC	INC	9, 9	9, 10	11, 12	11, 12
407	Stain from T-shirt	7, 7	16, 16	11, 12	10, 10	9, 9	9, 10	11, 12	11, 12
602	Sample from Sprite plastic bottle	6, 8	14, 15	10, 10	11, 12	11, 11	8, 10	11, 11	12, 13
603	Sample from Mt. Dew plastic bottle	9, 9	INC	NR	NR	NR	INC	12, 12	12, 13

Types in parentheses ( ) are less intense than types not in parentheses

INC = inconclusive

NR = no result



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**CONCLUSIONS:****Item 136 – Sample from baseball cap**

The DNA profile obtained from the sample from the baseball cap (Item 136) is consistent with a mixture. Leon Jermain Winston, Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor to the genetic material from the sample from the baseball cap. Subsequently, the major DNA profile obtained from the sample from the baseball cap was searched against the Virginia DNA Data Bank at the PowerPlex® 16 BIO loci, with the exception of the Amelogenin, Penta D, CSF1PO, and D16S539 loci. No DNA profile consistent with the major DNA profile obtained from the sample from the baseball cap was found in the Virginia DNA Data Bank at this time. Future searches will be conducted on a periodic basis. It is recommended that the baseball cap be retained by the submitting agency for future evaluation. The minor DNA profile obtained from the sample from the baseball cap is unsuitable for a Virginia DNA Data Bank search.

**Item 139 – Sample from stocking cap**

The DNA profile obtained from sample from the stocking cap (Item 139) is consistent with the DNA profile of David Ralph Hardy (Item 5401) and different from the DNA profiles of Leon Jermain Winston (Item 33), Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), and Anthony McKinley Robinson (Item 999). Therefore, David Ralph Hardy cannot be eliminated as a possible contributor of the genetic material obtained from the sample from the stocking cap. Leon Jermain Winston, Kevin Eugene Brown, Rhonda Whitehead Robinson, and Anthony McKinley Robinson are each eliminated as a possible contributor of this genetic material. The DNA type at the vWA locus is consistent with a mixture of David Ralph Hardy and another individual. Due to the limited information at this locus, no conclusion can be made regarding this DNA type. The DNA type at the vWA locus is unsuitable for a Virginia DNA Data Bank search.

The probability of randomly selecting an unrelated individual with a DNA profile (at the PowerPlex® 16 BIO loci, with the exception of the Amelogenin and D16S539 loci) matching the major DNA profile obtained from the stocking cap (Item 139) is 1 in greater than 6.0 billion (which is approximately the world population) in the Caucasian, Black, and Hispanic populations.

**Item 200 – Sample from left glove**

The DNA profile obtained from the sample from the left glove (Item 200) is consistent with a mixture. Leon Jermain Winston, Kevin Eugene Brown, and David Ralph Hardy cannot be eliminated as possible co-contributors to the genetic material obtained from the sample from the left glove. Rhonda Whitehead Robinson and Anthony McKinley Robinson are each eliminated as a possible contributor to this genetic material.

The DNA profile (at the FGA, D8S1179, vWA, D18S51, and D5S818 loci) obtained from the sample from the left glove (Item 200) is:

1.8 billion times more likely if it originated from Leon Jermain Winston, Kevin Eugene Brown, and David Ralph Hardy than if it originated from three (3) unknown individuals in the Caucasian population.

1.1 billion times more likely if it originated from Leon Jermain Winston, Kevin Eugene Brown, and David Ralph Hardy than if it originated from three (3) unknown individuals in the Black population.

1.9 billion times more likely if it originated from Leon Jermain Winston, Kevin Eugene Brown, and David Ralph Hardy than if it originated from three (3) unknown individuals in the Hispanic population.

No statistical calculations were conducted for the TPOX, Amelogenin, Penta E, D21S11, TH01, D3S1358, Penta D, CSF1PO, D16S539, D7S820, and D13S317 loci.



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CONCLUSIONS CONT...

**Item 200 - Sample from right glove**

The DNA profile obtained from the sample from the right glove (Item 200) is consistent with a mixture. Leon Jermain Winston, Kevin Eugene Brown, and David Ralph Hardy cannot be eliminated as possible co-contributors to the genetic material (at the PowerPlex<sup>®</sup> 16 BIO loci, with the exception of the D18S51 locus) obtained from the sample from the right glove. Rhonda Whitehead Robinson and Anthony McKinley Robinson are each eliminated as a possible contributor to this genetic material. The DNA type at the D18S51 locus is consistent with a mixture of Leon Jermain Winston, Kevin Eugene Brown, David Ralph Hardy and another individual. Due to the limited information at this locus, no conclusion can be made regarding this DNA type. The DNA type at the D18S51 locus is insufficient for a Virginia DNA Data Bank search.

**Item 201 - Sample from bandanna**

The DNA profile obtained from the sample from the bandanna (Item 201) is consistent with a mixture. Leon Jermain Winston and another individual cannot be eliminated as a possible co-contributors to the genetic material from the bandanna. Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor to this genetic material. The portion of the DNA profile obtained from the sample from bandanna that is foreign to Leon Jermain Winston is unsuitable for a Virginia DNA Data Bank search.

**Item 400 - Sample from grip of pistol**

The DNA profile obtained from the sample from the grip of the pistol (Item 400) is consistent with the DNA profile of Leon Jermain Winston (Item 33) and different from the DNA profiles of Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), Anthony McKinley Robinson (Item 999), and David Ralph Hardy (Item 5401). Therefore, Leon Jermain Winston cannot be eliminated as a possible contributor of the genetic material from the sample from the grip of the pistol. Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor of this genetic material.

The probability of randomly selecting an unrelated individual with a DNA profile (at the PowerPlex<sup>®</sup> 16 BIO loci, with the exception of the TPOX, Amelogenin, Penta D, and CSF1PO loci) matching the DNA profile obtained from the sample from the grip of the pistol (Item 400) is 1 in greater than 6.0 billion (which is approximately the world population) in the Caucasian, Black, and Hispanic populations.

**Item 407 - Stain from T-shirt**

The DNA profile obtained from the stain from the T-shirt (Item 407) is consistent with the DNA profile of Leon Jermain Winston (Item 33) and different from the DNA profiles of Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), Anthony McKinley Robinson (Item 999), and David Ralph Hardy (Item 5401). Therefore, Leon Jermain Winston cannot be eliminated as a possible contributor of the genetic material from the stain from the T-shirt. Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor of this genetic material.





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 Your Case #: CC#2002-028493  
 August 26, 2002

**CONCLUSIONS CONT...****Item 602 - Sample from mouth area of Sprite plastic bottle**

The DNA profile obtained from the sample from the mouth area of the Sprite plastic bottle (Item 602) is different from the DNA profiles of Leon Jermain Winston (Item 33), Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), Anthony McKinley Robinson (Item 999), and David Ralph Hardy (Item 5401). Therefore, Leon Jermain Winston, Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor of this genetic material. Subsequently, the DNA profile obtained from the sample from the mouth area of the Sprite plastic bottle was searched against the Virginia DNA Data Bank at the PowerPlex<sup>®</sup> 16 BIO loci, with the exception of the Amelogenin locus. No DNA profile consistent with the DNA profile obtained from the mouth area of the Sprite plastic bottle was found in the Virginia DNA Data Bank at this time. However, the DNA type at the Amelogenin locus (X,Y) is indicative of a male contributor. Future searches will be conducted on a periodic basis. It is recommended that the Sprite plastic bottle (Item 602) be retained by the submitting agency for future evaluation.

**Item 603 - Sample from mouth area of Mountain Dew plastic bottle**

The DNA profile obtained from sample from the mouth area of the Mountain Dew plastic bottle (Item 603) is different from the DNA profiles of Leon Jermain Winston (Item 33), Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), Anthony McKinley Robinson (Item 999), and David Ralph Hardy (Item 5401). Therefore, Leon Jermain Winston, Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, and David Ralph Hardy are each eliminated as a possible contributor of this genetic material. The DNA profile obtained from the sample from the mouth area of the Mountain Dew plastic bottle is unsuitable for a Virginia DNA Data Bank search.

If additional suspects are apprehended and DNA comparisons are desired, please submit blood samples (each collected in lavender top tube) or two (2) buccal cheek swabs from the suspects to the laboratory under FS Lab # W02-3662.

The evidence will be available at the Western Laboratory after you have received the results of all requested examinations.

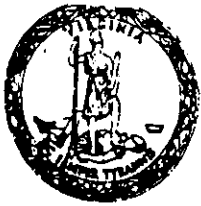
Attest:

I certify that I performed the above analysis or examination as an employee of and in a laboratory operated by the Division of Forensic Science, and that the above is an accurate record of the results of that analysis or examination.

Nicole E. Harold  
 Forensic Scientist

NEH

*SEP*  
 c: Susan Venuti, M. D



Commonwealth of Virginia  
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November 25, 2002

Western Laboratory  
6600 Northside HS Road  
Roanoke, VA 24019-2837

Telephone: (540) 561-6600  
Fax: (540) 561-6608

TO: D. R. GEARHART  
LYNCHBURG POLICE DEPARTMENT  
ATTN C. BASS  
905 COURT ST.  
LYNCHBURG VA 24504

Your Case #: 02-28493

FS Lab #: W02-3662

Victim(s): ROBINSON, Anthony McKinley  
ROBINSON, Rhonda Whitehead

Suspect(s): BROWN, Kevin Eugene  
WINSTON, Leon Jermaine

Evidence Submitted By: Cert Mail - 9171082133 3930 08163192

Received: 10/24/02

Item 5102 Buccal swabs from Warren Darrell Hairston

**RESULTS:**

Refer to the Certificate of Analysis dated August 26, 2002.

Item 5102 Human deoxyribonucleic acid (DNA) was isolated from the buccal swabs from Warren Darrell Hairston. This sample was amplified and typed using the PowerPlex® 16 BIO System (which includes the FGA, TPOX, D8S1179, vWA, Amelogenin, Penta E, D18S51, D21S11, TH01, D3S1358, Penta D, CSF1PO, D16S539, D7S820, D13S317, and D5S818 loci).

Human DNA was previously isolated from a sample from the baseball cap (Item 136), a sample from the stocking cap (Item 139), a sample from the left glove (Item 200), a sample from the right glove (Item 200), a sample from the bandanna (Item 201), a sample from the grip of the pistol (Item 400), the stain from the T-shirt (Item 407), a sample from the mouth area of the Sprite plastic bottle (Item 602), and a sample from the mouth area of the Mountain Dew plastic bottle (Item 603). These samples were previously amplified and typed using the PowerPlex® 16 BIO System.

Based on the DNA profiles obtained from the above listed items, Warren Darrell Hairston is eliminated as a possible contributor to the sample from the baseball cap (Item 136), the sample from the stocking cap (Item 139), the sample from the left glove (Item 200), the sample from the right glove (Item 200), the sample from the bandanna (Item 201), the sample from the grip of the pistol (Item 400), the stain from the T-shirt (Item 407), the sample from the mouth area of the Sprite plastic bottle (Item 602), and the sample from the mouth area of the Mountain Dew plastic bottle (Item 603).

Additional DNA comparison can be conducted if blood samples (each collected in a lavender top tube) or two (2) buccal (cheek) swabs from any additional individuals are submitted to the laboratory under FS Lab # W02-3662.

The evidence will be available at the Western Laboratory after you have received the results of all requested examinations.

Attest:

I certify that I performed the above analysis or examination as an employee of and in a laboratory operated by the Division of Forensic Science, and that the above is an accurate record of the results of that analysis or examination.

*Nicole E. Harold*  
\_\_\_\_\_  
Nicole E. Harold  
Forensic Scientist

NEH  
c: Susan Venuti, M. D.

*del*



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April 28, 2003

Western Laboratory  
 6600 Northside HS Road  
 Roanoke, VA 24019-2837

Telephone: (540) 561-6600  
 Fax: (540) 561-6608

TO: LYNCHBURG CIRCUIT COURT  
 PO BOX 4  
 905 COURT STREET  
 LYNCHBURG VA 24505

FS Lab #: W02-3662

Your Case #: 02-028493

Victim(s): ROBINSON, Anthony McKinley  
 ROBINSON, Rhonda Whitehead

Suspect(s): BROWN, Kevin Eugene  
 WINSTON, Leon Jermain

Evidence Submitted By: J. J. Pelletier  
 Lynchburg Police Department

Received: 03/19/03

Item 403 EZ Street Gear sweatshirt

Evidence Submitted By: J. J. Pelletier  
 Lynchburg Police Department

Received: 04/01/03

Item 136 Baseball cap  
 Item 139 Stocking cap

**RESULTS:**

Items 136 and 139 Refer to the Certificates of Analysis dated August 26, 2002 and November 25, 2002.

Item 403 Human deoxyribonucleic acid (DNA) was isolated from sample from the neck and cuffs of the EZ Street Gear sweatshirt. This sample was amplified and typed using the PowerPlex® 16 BIO System (which includes the FGA, TPOX, D8S1179, vWA, Amelogenin, Penta E, D18S51, D21S11, TH01, D3S1358, Penta D, CSF1PO, D16S539, D7S820, D13S317, and D5S818 loci). Refer to the table for the typing results.

**Table of PowerPlex® 16 BIO Typing Results**

Item	Description	FGA	TPOX	D8S1179	vWA	Amelogenin	Penta E	D18S51	D21S11
998	Blood sample from Rhonda Robinson	22, 24	INC	11, 13	14, 15	X, X	12, 18	13, 15	30, 32.2
999	Blood sample from Anthony Robinson	23, 24	INC	13, 15	15, 16	X, Y	7, 8	15, 17	28, 29
33	Buccal swabs from Leon Winston	22	INC	14	16	X, Y	12, 15	15	32.2
34	Buccal swabs from Kevin Brown	19, 23	INC	14	16, 20	X, Y	8, 14	16	27, 28
5401	Buccal swabs from David Hardy	20, 21	8, 11	13, 14	17	X, Y	11, 12	16, 17	30
5102	Buccal swabs from Warren Hairston	21, 23	6, 10	12, 16	11, 19	X, Y	7, 12	15, 17	30, 30.2
403	Sample from EZ Street Gear sweatshirt	22, (21)	8	14	16	X, Y	12, (15)	15	32.2

Types in parentheses ( ) are less intense than types not in parentheses

NR = no result

INC = inconclusive



Commonwealth of Virginia  
 Department of Criminal Justice Services  
**DIVISION OF FORENSIC SCIENCE**

ORIGINAL

**CERTIFICATE OF ANALYSIS**

Lynchburg Circuit Court  
 FS Lab #: W02-3662  
 Your Case #: 02-028493  
 April 28, 2003

Continuation of the Table of PowerPlex® 16 BIO Typing Results

Item	Description	TH01	D3S1358	Penta D	CSF1PO	D16S539	D7S820	D13S317	D5S818
998	Blood sample from Rhonda Robinson	7, 8	14, 16	INC	INC	11, 13	10, 11	12, 13	12
999	Blood sample from Anthony Robinson	7, 9.3	16, 18	INC	INC	8, 13	8, 10	8, 11	11, 12
33	Buccal swabs from Leon Winston	7	16	INC	INC	9	9, 10	11, 12	11, 12
34	Buccal swabs from Kevin Brown	8	14, 17	INC	INC	9, 11	8, 11	10, 12	12, 13
5401	Buccal swabs from David Hardy	6, 7	15, 16	9, 13	11	11, 12	11, 14	11, 14	11
5102	Buccal swabs from Warren Hairston	INC	17	8, 11	12	9, 12	8, 9	12, 14	11
403	Sample from EZ Street Gear sweatshirt	7	16	NR	10	9	9, 10	11, 12	11, 12

Types in parentheses ( ) are less intense than types not in parentheses NR = no result INC = inconclusive

**CONCLUSIONS:**

**Item 403 – Sample from EZ Street Gear sweatshirt**

The DNA profile (at the PowerPlex® 16 BIO loci, with the exception of the FGA locus) obtained from the sample from the EZ Street Gear sweatshirt (Item 403) is consistent with the DNA profile of Leon Jermain Winston (Item 33) and different from the DNA profiles of Kevin Eugene Brown (Item 34), Rhonda Whitehead Robinson (Item 998), Anthony McKinley Robinson (Item 999), David Ralph Hardy (Item 5401), and Warren Darrell Hairston (Item 5102). Therefore, Leon Jermain Winston cannot be eliminated as a possible contributor of the genetic material obtained from the sample from the EZ Street Gear sweatshirt. Kevin Eugene Brown, Rhonda Whitehead Robinson, Anthony McKinley Robinson, David Ralph Hardy, and Warren Darrell Hairston are each eliminated as a possible contributor of this genetic material. The DNA type at the FGA locus is consistent with a mixture of Leon Jermain Winston and another individual. Due to the limited information at this locus, no conclusion can be made regarding this DNA type. The DNA type at the FGA locus is unsuitable for a Virginia DNA Data Bank search.

The probability of randomly selecting an unrelated individual with a DNA profile (at the PowerPlex® 16 BIO loci, with the exception of the FGA, TPOX, Amelogenin, Penta D, and CSF1PO loci) matching the DNA profile obtained from the sample from the EZ Street Gear sweatshirt (Item 403) is 1 in greater than 6.0 billion (which is approximately the world population) in the Caucasian, Black, and Hispanic populations.

The evidence will be available at the Western Laboratory after you have received the results of all requested examinations.

Attest:

I certify that I performed the above analysis or examination as an employee of and in a laboratory operated by the Division of Forensic Science, and that the above is an accurate record of the results of that analysis or examination.

*Nicole E. Harold*  
 Nicole E. Harold  
 Forensic Scientist

NEH  
*NEH*