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STR Forensic DNA Case Report
December 30, 2005

To: John Philipsborn
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BodeCase # 2S04-114
Agency ID# 1993-WVS-05716;
93-05-0666

List of Evidence Received on July 7, 2004 for DNA analysis:

| Bode # | Item ID | Description |
|---------------------------|----------------------|---|
| 2S04-114-01 | 93-05716 FP2 | Labeled as "Left hand nail scrapings from M. Moore." |
| 2S04-114-02 | 93-05716 FP3 | Labeled as "Right hand nail scrapings from M. Moore." |
| 2S04-114-03 | 93-05716 FP6 | Labeled as "Hair from M. Moore ligature." |
| 2S04-114-03A | | Slide with two hairs (-03Aa and -03Ab). |
| 2S04-114-03B | | Slide with one hair. |
| 2S04-114-04 | 93-05716 FP6-Q39 | Labeled as "Possible tissue from ligature from M. Moore." |
| 2S04-114-05 | 93-05716 Q1 - Q4 | Labeled as "Swabs from M. Moore." |
| 2S04-114-05A | | Three "oral" swabs. |
| 2S04-114-05B | | Three "rectal" swabs. |
| 2S04-114-05C | | Two "nasal" swabs. |
| 2S04-114-05D | | Two "penile" swabs. |
| 2S04-114-06 | 93-05717 FP3 | Labeled as "Left hand nail scrapings from S. Branch." |
| 2S04-114-07 | 93-05717 FP4 | Labeled as "Right hand nail scrapings from S. Branch." |
| 2S04-114-08 | 93-05717 FP5 | Labeled as "Two dark Caucasian hairs from S. Branch." |
| 2S04-114-08A | | Slide with one hair. |
| 2S04-114-08B | | Slide with two hairs (-08Ba and -08Bb). |
| 2S04-114-09 | 93-05717 FP6 | Labeled as "Hair from ligature from S. Branch (skin, tissue, hair from ligature)." |
| 2S04-114-10 | 93-05717 K1, Q1 - Q4 | Labeled as "Blood sample and swabs from S. Branch." |
| 2S04-114-10A | | Stained string. |
| 2S04-114-10B | | Three "oral" swabs. |
| 2S04-114-10C | | Three "rectal" swabs. |
| 2S04-114-10D | | Three "nasal" swabs. |
| 2S04-114-10E | | Two "penile" swabs. |
| 2S04-114-11 | 93-05718 FP3 | Labeled as "Hair found on C. Byers's body." |
| 2S04-114-11A through -11Z | | Slide with 26 hairs (-11A through -11Z). |
| 2S04-114-12 | 93-05718 FP4 | Labeled as "Left hand nail scrapings from C. Byers." |
| 2S04-114-13 | 93-05718 FP5 | Labeled as "Right hand nail scrapings from C. Byers." |
| 2S04-114-14 | 93-05718 FP6 | Labeled as "Hair from lower body of C. Byers." |
| 2S04-114-15 | 93-05718 FP8 | Labeled as "Hair from C. Byers ligature." |
| 2S04-114-16 | 93-05718 Q4 | Labeled as "Possible tissue from C. Byers ligature (skin, tissue, hair from ligature)." |
| 2S04-114-17 | 93-05718 FP9 | Labeled as "Hair from perineum of C. Byers ligature." |

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List of Evidence Received on July 7, 2004 for DNA analysis, cont.:

| Bode # | Item ID | Description |
|--------------|-------------------------|--|
| 2S04-114-18 | 93-05718 FP10 | Labeled as "Negroid hair from white sheet." [slide with 9 hairs] |
| 2S04-114-18A | | Hair from sheet, described as "Negroid hair frag." |
| 2S04-114-18B | | Hair from sheet. |
| 2S04-114-18C | | Hair from sheet. |
| 2S04-114-18D | | Hair from sheet. |
| 2S04-114-18E | | Hair from sheet. |
| 2S04-114-18F | | Hair from sheet. |
| 2S04-114-18G | | Hair from sheet, described as "animal hair." |
| 2S04-114-18H | | Hair from sheet. |
| 2S04-114-18I | | Hair from sheet. |
| 2S04-114-19 | 93-05718 Q1-Q3 | Labeled as "Swabs from C. Byers |
| 2S04-114-19A | | Three "oral" swabs. |
| 2S04-114-19B | | Three "rectal" swabs. |
| 2S04-114-19C | | Three "nasal" swabs. |
| 2S04-114-20 | 93-05716 E3 | Labeled as "Hair from E3." |
| 2S04-114-20 | | Slide with two hairs (-20A and -20B). |
| 2S04-114-21 | 93-05716 E5 | Labeled as "Hair from scout cap." |
| 2S04-114-21 | | Slide with two hairs (-21A and -21B). |
| 2S04-114-22 | 93-05716 E126 | Labeled as "Hair from knife." |
| 2S04-114-23 | 93-05717 E127 LS1-QH | Labeled as "Hair from tree stump." |
| 2S04-114-24 | 93-05716 E147 | Labeled as "Hair from knife." |
| 2S04-114-24 | | Slide with two hairs (-24A and -24B). |
| 2S04-114-25 | 93-05716 E3 Q10 | Labeled as "Cutting from blue pants." |
| 2S04-114-26 | 93-05716 E7 Q6 | Labeled as "Cutting from jeans." |
| 2S04-114-27 | 93-05717 FP7 | Labeled as "Dyed hair from white sheet used to cover S. Branch." |
| 2S04-114-28 | 93-05716 E27 | Labeled as "Hair from knife." |
| 2S04-114-29 | 93-05716 E28 | Labeled as "Hair from butterfly knife." |
| 2S04-114-30 | 93-05716 E134 | Labeled as "Hair from knife." |
| 2S04-114-31 | 93-05716 E178 | Labeled as "Kershaw folding knife." |
| 2S04-114-32 | 93-05716 E1A | Labeled as "Bag of clothing." |
| 2S04-114-32A | | Pair of white socks. |
| 2S04-114-32B | | Leather (or vinyl) pull tab of unknown origin. |
| 2S04-114-32C | | Plastic bag "Time Saver." |
| 2S04-114-32D | | Tan button down shirt. |
| 2S04-114-32E | | Black thermal shirt. |
| 2S04-114-32F | | Cargo style jeans. |
| 2S04-114-32G | | One "BIC" disposable razor. |
| 2S04-114-32H | | One "BIC" disposable razor. |
| 2S04-114-33 | 93-05718 FP8 L1 | Labeled as "Ligature between L-leg and L-wrist and R-leg and R-wrist [Byers]." |
| 2S04-114-33A | | Left side. |
| 2S04-114-33B | | Right side. |

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List of Evidence Received on July 7, 2004 for DNA analysis, cont.:

| | | |
|--------------|-----------------|--|
| 2S04-114-34 | 93-05717 FP6 L2 | Labeled as "Ligature between ankles and wrist, L-leg, L-wrist, R-leg, R-wrist [Branch]." |
| 2S04-114-34A | | Left side. |
| 2S04-114-34B | | Right side. |
| 2S04-114-35 | 93-05717 FP6 L3 | Labeled as "Ligature, L-leg, L-wrist, R-leg, R-wrist [Moore]." |
| 2S04-114-35A | | Left side. |
| 2S04-114-35B | | Right side. |
| 2S04-114-36 | 93-05716 EI7 | Labeled as "Three tree branches." |

CASE REVIEW AND RESULTS:

The following items were processed for DNA typing by analysis of fifteen STR loci [D3S1358, vWA, FGA, D8S1179, D21S11, D18S51, D5S818, D13S317, D7S820, D16S539, TH01, TPOX, CSF1PO, Penta D, and Penta E] and the gender determination locus, Amelogenin using the Promega PowerPlex® 16 kit:

- 2S04-114-01 (Left fingernail scrapings [Moore])
- 2S04-114-02 (Right fingernail scrapings [Moore])
- 2S04-114-03B (Hair from ligature [Moore])
- 2S04-114-05A (Oral swab [Moore])
- 2S04-114-05B (Rectal swab [Moore])
- 2S04-114-05C (Nasal swab [Moore])
- 2S04-114-05D (Penile swab [Moore])
- 2S04-114-06 (Left fingernail scrapings [Branch])
- 2S04-114-07 (Right fingernail scrapings [Branch])
- 2S04-114-09 (Hair from ligature [Branch])
- 2S04-114-10A (Piece of red-brown stained string)
- 2S04-114-10B (Oral swab [Branch])
- 2S04-114-10C (Rectal swab [Branch])
- 2S04-114-10D (Nasal swab [Branch])
- 2S04-114-10E (Penile swab [Branch])
- 2S04-114-11R (Hair found on body [Byers])
- 2S04-114-11S (Hair found on body [Byers])
- 2S04-114-11T (Hair found on body [Byers])
- 2S04-114-12 (Left fingernail scrapings [Byers])
- 2S04-114-13 (Right fingernail scrapings [Byers])
- 2S04-114-18E (Hair from sheet)
- 2S04-114-18F (Hair from sheet)
- 2S04-114-18I (Hair from sheet)
- 2S04-114-19A (Oral swab [Byers])
- 2S04-114-19B (Rectal swab [Byers])
- 2S04-114-19C (Nasal swab [Byers])
- 2S04-114-20B (Hair)
- 2S04-114-25 (Cutting from blue pants)
- 2S04-114-31A1 (Kershaw folding knife [blade])
- 2S04-114-31A2 (Kershaw folding knife [handle])
- 2S04-114-31A3 (Kershaw folding knife [hinge])
- 2S04-114-32G (Bag of clothing [razor blade])
- 2S04-114-32H (Bag of clothing [razor blade])
- 2S04-114-33A (Ligatures [Byers])
- 2S04-114-33B (Ligatures [Byers])
- 2S04-114-34A (Ligatures [Branch])
- 2S04-114-34B (Ligatures [Branch])
- 2S04-114-35A (Ligatures [Moore])
- 2S04-114-35B (Ligatures [Moore])

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Date: December 30, 2005

After initial testing, the remaining extracts from the following samples were processed as a combined sample:
2S04-114-01 and -02 were combined into sample -01_02 (fingernail scrapings [Moore]-combined)
2S04-114-06 and -07 were combined into sample -06_07 (fingernail scrapings [Branch]-combined)
2S04-114-33A and -33B were combined into sample -33AB (Ligatures [Byers]-combined)
2S04-114-34A and -34B were combined into sample -34AB (Ligatures [Branch]-combined)
2S04-114-35A and -35B were combined into sample -35AB (Ligatures [Moore]-combined)

The results of the STR analysis are summarized in Table One.

No other items were not tested at this time.

Complete DNA profiles were obtained from the following evidence items:
2S04-114-05A non-sperm fraction (NSF) (Oral swab [Moore])
2S04-114-05B NSF (Rectal swab [Moore])
2S04-114-05C sperm fraction (SF) and NSF (Nasal swab [Moore])
2S04-114-10A (Piece of red-brown stained string [Branch])
2S04-114-10B SF and NSF (Oral swab [Branch])
2S04-114-10C NSF (Rectal swab [Branch])
2S04-114-19A SF and NSF (Oral swab [Byers])
2S04-114-19B SF and NSF (Rectal swab [Byers])

Partial DNA profiles consisting of four or more reportable loci were obtained from the following evidence items:
2S04-114-05A SF (Oral swab [Moore])
2S04-114-10C SF (Rectal swab [Branch])
2S04-114-10D NSF (Nasal swab [Branch])
2S04-114-11R (Hair found on body [Byers])
2S04-114-11S (Hair found on body [Byers])
2S04-114-11T (Hair found on body [Byers])
2S04-114-13 (Right fingernail scrapings [Byers])
2S04-114-19C SF and NSF (Nasal swab [Byers])

A mixed partial DNA profile consisting of four or more reportable loci was obtained from the following evidence item:

2S04-114-34AB (Ligatures [Branch]-combined)

Partial DNA profiles consisting of three or less reportable loci were obtained from the following evidence items:

2S04-114-02 (Right fingernail scrapings [Moore])
2S04-114-01_02 (Left/Right fingernail scrapings [Moore]-combined)
2S04-114-06 (Left fingernail scrapings [Branch])
2S04-114-10D SF (Nasal swab [Branch])
2S04-114-10E SF (Penile swab [Branch])
2S04-114-34B (Ligatures [Branch])
2S04-114-35AB (Ligatures [Moore]-combined)

A mixed partial DNA profile consisting of three or less reportable loci was obtained from the following evidence item:

2S04-114-05D NSF (Penile swab [Moore])

No reportable results were obtained from the following evidence items:

2S04-114-01 (Left fingernail scrapings [Moore])
2S04-114-05B SF (Rectal swab [Moore])
2S04-114-05D SF (Penile swab [Moore])
2S04-114-09 (Hair from ligature [Branch])
2S04-114-10E NSF (Penile swab [Branch])
2S04-114-25 NSF (Cutting from blue pants)
2S04-114-31A2 (Kershaw folding knife [handle])

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No results were obtained from the following evidence items:

- 2S04-114-03B (Hair from ligature [Moore])
- 2S04-114-07 (Right fingernail scrapings [Branch])
- 2S04-114-06_07 (fingernail scrapings [Branch]-combined)
- 2S04-114-12 (Left fingernail scrapings [Byers])
- 2S04-114-18E (Hair from sheet)
- 2S04-114-18F (Hair from sheet)
- 2S04-114-18I (Hair from sheet)
- 2S04-114-20B (Hair)
- 2S04-114-25 SF (Cutting from blue pants)
- 2S04-114-31A1 (Kershaw folding knife [blade])
- 2S04-114-31A3 (Kershaw folding knife [hinge])
- 2S04-114-32G (Bag of clothing [razor blade])
- 2S04-114-32H (Bag of clothing [razor blade])
- 2S04-114-33A (Ligatures [Byers])
- 2S04-114-33B (Ligatures [Byers])
- 2S04-114-33AB (Ligatures [Byers]-combined)
- 2S04-114-34A (Ligatures [Branch])
- 2S04-114-35A (Ligatures [Moore])
- 2S04-114-35B (Ligatures [Moore])

The DNA profiles reported in this case were determined by procedures that have been validated according to standards established by the Scientific Working Group on DNA Analysis Methods (SWGDM) and adopted as Federal Standards.

CONCLUSIONS:

No conclusions can be made at this time due to the lack of references for comparison purposes.

The remaining evidence will be returned to the Arkansas State Crime Lab.

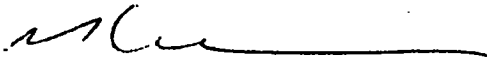
Report is submitted by:



Sylvia Gill, MFS
DNA Analyst 3



Susan Bach, MFS
Forensic Casework Manager



Michael Cariola, MFS
Director of Forensics

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Table One: Summary of STR Results

| LOCUS | 01 Lft nails Moore | 02 Rt nails Moore | 01_02 L/Rt nails Moore (combined) | 03B Hair from ligature Moore | 05ASF Oral swab Moore | 05ANSF Oral swab Moore | 05BSF Rectal swab Moore | 05BNSF Rectal swab Moore | 05CSF Nasal swab Moore | 05CNSF Nasal swab Moore |
|------------|--------------------------|-------------------------|--|---------------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------------|------------------------------|-------------------------------|
| D3S1358 | Inc | | Inc | | 14, 18 | 14, 18 | | 14, 18 | 14, 18 | 14, 18 |
| TH01 | | | | | 8, 9.3 | 8, 9.3 | | 8, 9.3 | 8, 9.3 | 8, 9.3 |
| D21S11 | | | | | 29, 32.2 | 29, 32.2 | | 29, 32.2 | 29, 32.2 | 29, 32.2 |
| D18S51 | | | | | 14, 16 | 14, 16 | | 14, 16 | 14, 16 | 14, 16 |
| Penta E | | | | | Inc | 12, 12 | | 12, 12 | 12, 12 | 12, 12 |
| D5S818 | | | 9, 10* | | 9, 13 | 9, 13 | | 9, 13 | 9, 13 | 9, 13 |
| D13S317 | | | | | 11, 12 | 11, 12 | | 11, 12 | 11, 12 | 11, 12 |
| D7S820 | | | | | 8, 9 | 8, 9 | | 8, 9 | 8, 9 | 8, 9 |
| D16S539 | | | | | 9, 13 | 9, 13 | | 9, 13 | 9, 13 | 9, 13 |
| CSF1PO | | | | | Inc | 10, 10 | | 10, 10 | 10, 10 | 10, 10 |
| Penta D | | | | | Inc | 9, 10 | | 9, 10 | 9, 10 | 9, 10 |
| Amelogenin | Inc | X, Y | X, Y | | X, Y | X, Y | Inc | X, Y | X, Y | X, Y |
| vWA | | Inc | Inc | | 18, 19 | 18, 19 | | 18, 19 | 18, 19 | 18, 19 |
| D8S1179 | | | | | 12, 14 | 12, 14 | | 12, 14 | 12, 14 | 12, 14 |
| TPOX | | | Inc | | 8, 8 | 8, 8 | | 8, 8 | 8, 8 | 8, 8 |
| FGA | | | | | 22, 23 | 22, 23 | | 22, 23 | 22, 23 | 22, 23 |

Inc = Inconclusive

Gray Area = No Results

*Possible peaks below analysis cut-off present

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Table One: Summary of STR Results

| LOCUS | 05DSF Penile swab Moore | 05DNSF Penile swab Moore | 06 Lt nails Branch | 07 Rt nails Branch | 06_07 Lt/Rt nails Branch (combined) | 09 Hair from ligature Branch | 10A Stained string Branch | 10BSF Oral swab Branch | 10BNSF Oral swab Branch | 10CSF Rectal swab Branch |
|------------|-------------------------------|--------------------------------|--------------------------|--------------------------|--|---------------------------------------|------------------------------------|------------------------------|-------------------------------|--------------------------------|
| D3S1358 | | Inc | | | | | 14, 17 | 14, 17 | 14, 17 | 14, 17 |
| TH01 | | | | | | | 6, 9.3 | 6, 9.3 | 6, 9.3 | 6, 9.3 |
| D21S11 | | | | | | | 29, 29 | 29, 29 | 29, 29 | 29, 29 |
| D18S51 | | | | | | | 12, 15 | 12, 15 | 12, 15 | Inc |
| Penta E | | | | | | | 5, 13 | 5, 13 | 5, 13 | Inc |
| D5S818 | | 9, 12, 13 | | | | | 10, 12 | 10, 12 | 10, 12 | 10, 12 |
| D13S317 | | Inc | | | | | 8, 11 | 8, 11 | 8, 11 | 8, 11 |
| D7S820 | | | | | | | 8, 10 | 8, 10 | 8, 10 | 8, 10 |
| D16S539 | | | | | | | 9, 12 | 9, 12 | 9, 12 | 9, 12 |
| CSF1PO | | Inc | | | | | 12, 12 | 12, 12 | 12, 12 | |
| Penta D | | | | | | | 6, 9 | 6, 9 | 6, 9 | Inc |
| Amelogenin | Inc | X, Y | X, Y | | | Inc | X, Y | X, Y | X, Y | X, Y |
| vWA | | Inc | | | | | 18, 19 | 18, 19 | 18, 19 | 18, 19 |
| D8S1179 | | Inc | | | | | 12, 13 | 12, 13 | 12, 13 | 12, 13 |
| TPOX | | Inc | | | | | 8, 11 | 8, 11 | 8, 11 | 8, 11 |
| FGA | | | | | | | 21, 24 | 21, 24 | 21, 24 | Inc |

Inc = Inconclusive Gray Area = No Results

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Table One: Summary of STR Results

| LOCUS | 10CNSF Rectal swab Branch | 10DSF Nasal swab Branch | 10DNSF Nasal swab Branch | 10ESF Penile swab Branch | 10ENSF Penile swab Branch | 11R Hair on body Byers | 11S Hair on body Byers | 11T Hair on body Byers | 12 Lt nails Byers | 13 Rt nails Byers |
|------------|---------------------------------|-------------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------------|---------------------------------|---------------------------------|-------------------------|-------------------------|
| D3S1358 | 14, 17 | Inc | 14, 17 | | | 14, 16 | 14, 16 | 14, 16 | | 14, 16 |
| TH01 | 6, 9.3 | | 6, 9.3 | | | 9.3, 9.3 | 9.3, 9.3 | 9.3, 9.3 | | 9.3, 9.3 |
| D21S11 | 29, 29 | | 29, 29 | | | Inc | | | | Inc |
| D18S51 | 12, 15 | | 12, 15 | Inc | | | | | | |
| Penta E | 5, 13 | | Inc | | | | | | | |
| D5S818 | 10, 12 | Inc | 10, 12 | Inc | | | 11, 12 | 11, 12 | | 11, 12 |
| D13S317 | 8, 11 | | 8, 11 | | | 8, 12 | Inc | 8, 12 | | 8, 12 |
| D7S820 | 8, 10 | | 8, 10 | | | | | | | |
| D16S539 | 9, 12 | | 9, 12 | 8, 11 | | Inc | | | | Inc |
| CSF1PO | 12, 12 | Inc | 12, 12 | | | | Inc | | | |
| Penta D | 6, 9 | | 6, 9 | | | | | | | |
| Amelogenin | X, Y | X, Y | X, Y | X, Y | Inc | Inc | X, Y | X, Y | | X, Y |
| vWA | 18, 19 | | 18, 19 | | | 17, 19 | 17, 19 | 17, 19 | | 17, 19 |
| D8S1179 | 12, 13 | | 12, 13 | | | Inc | | | | |
| TPOX | 8, 11 | | 8, 11 | Inc | | Inc | 8, 8 | Inc | | Inc |
| FGA | 21, 24 | | 21, 24 | | | | Inc | | | |

Inc = Inconclusive Gray Area = No Results

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Table One: Summary of STR Results

| LOCUS | 18E Hair from sheet | 18F Hair from sheet | 18I Hair from sheet | 19ASF Oral swab Byers | 19ANSF Oral swab Byers | 19BSF Rectal swab Byers | 19BNSF Rectal swab Byers | 19CSF Nasal swab Byers | 19CNSF Nasal swab Byers |
|------------|---------------------------|---------------------------|---------------------------|-----------------------------|------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------|
| D3S1358 | | | | 14, 16 | 14, 16 | 14, 16 | 14, 16 | 14, 16 | 14, 16 |
| TH01 | | | | 9.3, 9.3 | 9.3, 9.3 | 9.3, 9.3 | 9.3, 9.3 | 9.3, 9.3 | 9.3, 9.3 |
| D21S11 | | | | 30, 32.2 | 30, 32.2 | 30, 32.2 | 30, 32.2 | 30, 32.2 | 30, 32.2 |
| D18S51 | | | | 12, 17 | 12, 17 | 12, 17 | 12, 17 | 12, 17 | 12, 17 |
| Penta E | | | | 11, 11 | 11, 11 | 11, 11 | 11, 11 | 11, 11 | 11, 11 |
| D5S818 | | | | 11, 12 | 11, 12 | 11, 12 | 11, 12 | 11, 12 | 11, 12 |
| D13S317 | | | | 8, 12 | 8, 12 | 8, 12 | 8, 12 | 8, 12 | 8, 12 |
| D7S820 | | | | 9, 12 | 9, 12 | 9, 12 | 9, 12 | 9, 12 | 9, 12 |
| D16S539 | | | | 9, 11 | 9, 11 | 9, 11 | 9, 11 | 9, 11 | 9, 11 |
| CSFIPO | | | | 10, 13 | 10, 13 | 10, 13 | 10, 13 | Inc | Inc |
| Penta D | | | | 9, 10 | 9, 10 | 9, 10 | 9, 10 | 9, 10 | 9, 10 |
| Amelogenin | | | | X, Y | X, Y | X, Y | X, Y | X, Y | X, Y |
| vWA | | | | 17, 19 | 17, 19 | 17, 19 | 17, 19 | 17, 19 | 17, 19 |
| D8S1179 | | | | 12, 14 | 12, 14 | 12, 14 | 12, 14 | 12, 14 | 12, 14 |
| TPOX | | | | 8, 8 | 8, 8 | 8, 8 | 8, 8 | 8, 8 | 8, 8 |
| FGA | | | | 22, 25 | 22, 25 | 22, 25 | 22, 25 | 22, 25 | 22, 25 |

Inc = Inconclusive Gray Area = No Results

000101

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Table One: Summary of STR Results

| LOCUS | 20B Hair | 25SF Cutting from blue pants | 25NSF Cutting from blue pants | 31A1 Knife (blade) | 31A2 Knife (handle) | 31A3 Knife (hinge) | 32G Razor Blade | 32H Razor Blade | 33A Ligatures Byers | 33B Ligatures Byers | 33AB Ligatures Byers (combined) |
|------------|-------------|---------------------------------------|--|--------------------------|---------------------------|--------------------------|-----------------------|-----------------------|---------------------------|---------------------------|--|
| D3S1358 | | | | | | | | | | | |
| TH01 | | | | | | | | | | | |
| D21S11 | | | | | | | | | | | |
| D18S51 | | | | | | | | | | | |
| Penta E | | | | | | | | | | | |
| D5S818 | | | | | | | | | | | |
| D13S317 | | | | | | | | | | | |
| D7S820 | | | | | | | | | | | |
| D16S539 | | | | | | | | | | | |
| CSF1PO | | | | | | | | | | | |
| Penta D | | | | | | | | | | | |
| Amelogenin | | | Inc | | Inc | | | | | | |
| vWA | | | | | | | | | | | |
| D8S1179 | | | | | | | | | | | |
| TPOX | | | | | | | | | | | |
| FGA | | | | | | | | | | | |

Inc = Inconclusive Gray Area = No Results

000102

000103

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Table One: Summary of STR Results

| LOCUS | 34A Ligatures Branch | 34B Ligatures Branch | 34AB Ligatures Branch (combined) | 35A Ligatures Moore | 35B Ligatures Moore | 35AB Ligatures Moore (combined) |
|------------|----------------------------|----------------------------|---|---------------------------|---------------------------|--|
| D3S1358 | | | 14, 17 | | | |
| TH01 | | | | | | |
| D21S11 | | Inc | Inc | | | |
| D18S51 | | | | | | |
| Penta E | | | | | | |
| D5S818 | | | 10, 11, 12 | | | Inc |
| D13S317 | | | 8, 11 | | | Inc |
| D7S820 | | | | | | |
| D16S539 | | | | | | |
| CSF1PO | | | Inc | | | |
| Penta D | | | 6, 9 | | | |
| Amelogenin | | X, Y | X, Y | | | X, Y |
| vWA | | 18, 19 | Inc | | | |
| D8S1179 | | | Inc | | | |
| TPOX | | | | | | |
| FGA | | | Inc | | | |

Inc = Inconclusive Gray Area = No Results

000104