



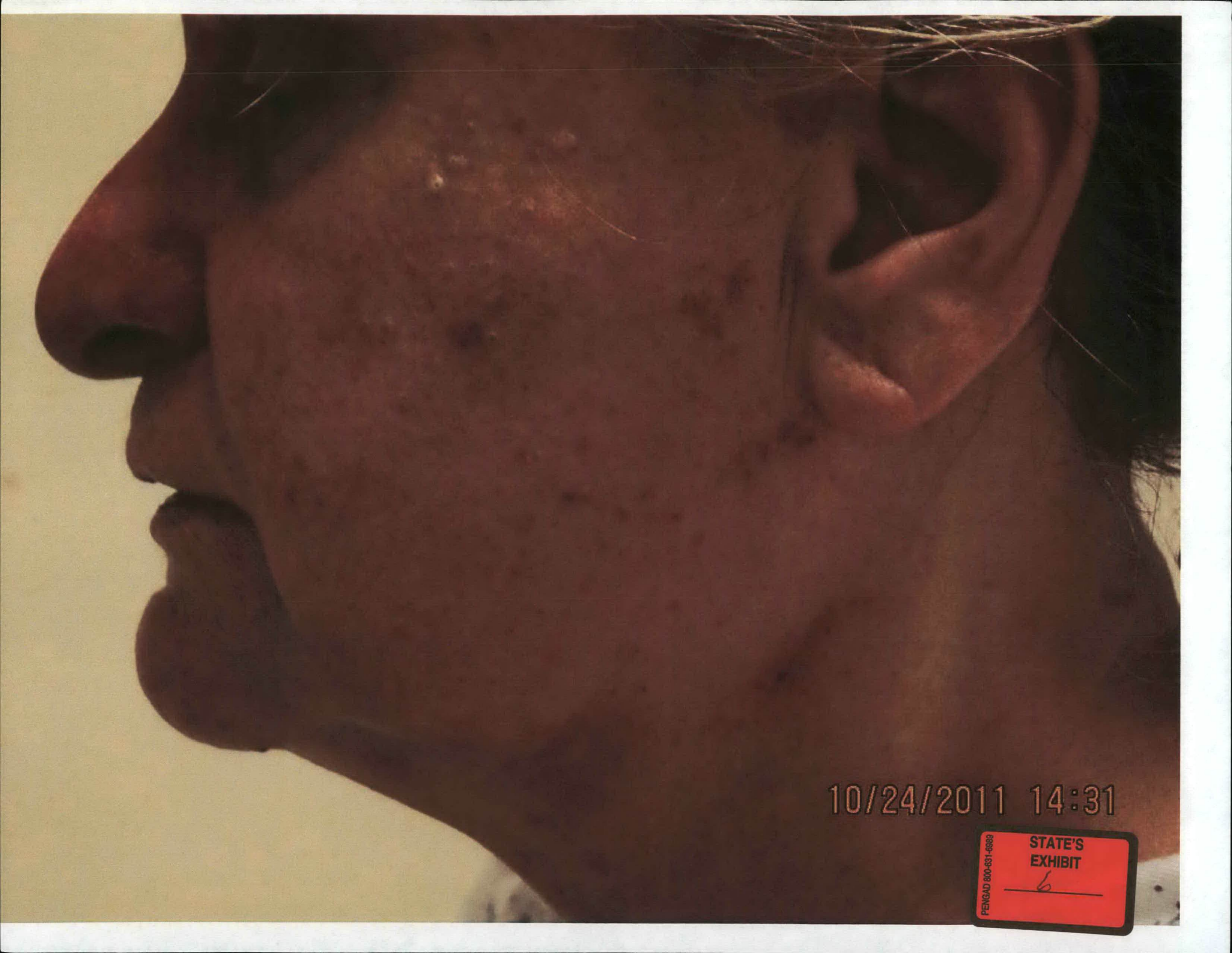
10/24/2011 14:28

PENGAD 800-631-6869  
STATE'S  
EXHIBIT  
4



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PENGAD 800-631-6988  
STATE'S  
EXHIBIT  
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PENGAD 800-631-6889  
STATE'S  
EXHIBIT  
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10/24/2011 14:31

PENGAD 800-631-6889  
STATE'S  
EXHIBIT  
7



10/24/2011 14:32

PENGAD 800-631-6689  
STATE'S  
EXHIBIT  
8

# SOUTH CAROLINA LAW ENFORCEMENT DIVISION

## FORENSIC SERVICES LABORATORY REPORT

NIKKI R. HALEY  
Governor



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PO Box 62558  
North Charleston, SC 29419

**DNA ANALYSIS**  
August 28, 2012  
SLED LAB: L11-12226  
Your Case No: 2011039667  
Incident Date: 10/24/2011  
 Sharon Rosenbaum  
 Nathaniel Witherspoon

This is an official report of the South Carolina Law Enforcement Division Forensic Services Laboratory and is to be used in connection with an official criminal investigation. These examinations were conducted under your assurance that no previous examinations of person(s) or evidence submitted in this case have been or will be conducted by any other laboratory or agency.

Mark A. Keel, Chief  
South Carolina Law Enforcement Division

### SUPPLEMENTAL REPORT

#### SEROLOGY ANALYSIS

##### Items Submitted:

##### Results of Examinations:

|     |  |     |                                     |
|-----|--|-----|-------------------------------------|
| 1   | Sexual Assault Evidence Collection Kit from Sharon Rosenbaum |     |                                     |
| 1.1 | Buccal swabs   | 1.1 | See DNA analysis.                   |
| 1.3 | Vaginal swabs  | 1.3 | Semen identified. See DNA analysis. |
| 1.4 | Swabs from perineum  | 1.4 | Semen identified. See DNA analysis. |
| 1.5 | Swabs from external genital                                  | 1.5 | Semen identified. See DNA analysis. |
| 4   | <b>Buccal swab from Nathaniel Witherspoon</b>                | 4   | <b>See DNA analysis.</b>            |



DNA ANALYSIS

ITEMS ANALYZED:

- 1.1 Buccal swabs from Sharon Rosenbaum
- 4 **Buccal swab from Nathaniel Witherspoon**
  
- 1.3 Vaginal swabs
- 1.4 Swabs from perineum
- 1.5 Swabs from external genital

Items 1.1, 1.3, 1.4, and 1.5 were analyzed by DNA Analyst Lilly Gallman in a report dated March 12, 2012.

EXAMINATIONS

DNA analysis was performed on the items above. The results of Short Tandem Repeat (STR) PCR DNA analysis are shown in Table 1.

RESULTS

The DNA profile developed from the semen on item 1.5 matches the DNA profile of Nathaniel Witherspoon and has been entered into the Combined DNA Index System (CODIS) for comparison purposes. The probability of randomly selecting an unrelated individual having a DNA profile matching the semen on this item is approximately 1 in 320 quadrillion.

The DNA profile developed from the semen on item 1.3 also matches the DNA profile of Nathaniel Witherspoon.

The DNA profile developed from the non-sperm fraction of item 1.3 is a mixture of at least two individuals. The DNA profile developed from the major contributor to this mixture is consistent with the DNA profile of Sharon Rosenbaum. Nathaniel Witherspoon cannot be excluded as a possible minor contributor to this mixture. A DNA type not attributable to Sharon Rosenbaum or Nathaniel Witherspoon is also present in this mixture.

The DNA profile developed from the sperm fraction of item 1.4 is a mixture of at least two individuals. Sharon Rosenbaum and Nathaniel Witherspoon cannot be excluded as possible contributors to this mixture. A DNA type not attributable to Sharon Rosenbaum or Nathaniel Witherspoon is also present in this mixture.

The DNA profile developed from the non-sperm fraction of item 1.4 is a mixture of at least two individuals. Sharon Rosenbaum and Nathaniel Witherspoon cannot be excluded as possible contributors to this mixture.

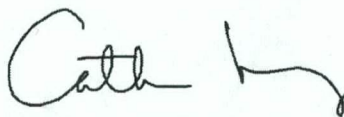


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**Note: Any remaining evidence and/or packaging will be returned to the requesting agency.**

**Item 3 (panties) is being returned without analysis and has not been inventoried.**



Catherine Leisy  
Forensic Scientist



Table 1 – Identifier

| Items                         | D8S1179       | D21S11                         | D7S820 | CSF1PO                    | D3S1358       | TH01                   | D13S317             | D16S539              | D2S1338                      | D19S433                   | vWA   | TPOX                    | D18S51               | D5S818                   | FGA                     | Amelogenin |
|-------------------------------|---------------|--------------------------------|--------|---------------------------|---------------|------------------------|---------------------|----------------------|------------------------------|---------------------------|-------|-------------------------|----------------------|--------------------------|-------------------------|------------|
| 1.1 Sharon Rosenbaum          | 12            | 28,30                          | 8,11   | 10,14                     | 15,17         | 6,8                    | 8,9                 | 11,12                | 17,25                        | 15,16                     | 15,17 | 8,9                     | 14,15                | 10,12                    | 23,26                   | X          |
| 4 Nathaniel Witherspoon       | 14,16         | 29,31.2                        | 11     | 10,13                     | 17            | 7,8                    | 12,13               | 10,11                | 22,23                        | 12                        | 15    | 9,10                    | 15,16                | 8,10                     | 22,23                   | XY         |
| 1.3F Vaginal swabs            | 12,14<br>16   | <b>28,29</b><br><b>30,31.2</b> | 8,11   | <b>10,13</b><br><b>14</b> | 15,17         | <b>6,7</b><br><b>8</b> | <b>8,9</b><br>12,13 | 11,12                | <b>17,22</b><br><b>23,25</b> | <b>12,15</b><br><b>16</b> | 15,17 | <b>8,9</b><br>10        | <b>14,15</b><br>(16) | <b>8,10</b><br><b>12</b> | (21),22<br><b>23,26</b> | X(Y)       |
| 1.3M Vaginal swabs            | 12,14<br>16   | 28,29<br>30,31.2               | 8,11   | 10,13<br>14               | 15,17         | 6,7<br>8               | 8,9<br>12,13        | 10,11<br>12          | 17,22<br>23,25               | 12,15<br>16               | 15,17 | 8,9<br>10               | 14,15<br>16          | 8,10<br>12               | 22,23<br>26             | XY         |
| 1.4F Swabs – perineum         | 12,14<br>(16) | 28,29<br>30,(31.2)             | 8,11   | 10,13<br>14               | 15,17         | 6,(7)<br>8             | 8,9<br>12,(13)      | 10,11<br>12          | 17,22<br>23,25               | 12,15<br>16               | 15,17 | 8,9<br>10               | 14,15                | (8),10<br>12             | 22,23<br>26             | XY         |
| 1.4M Swabs – perineum         | 12,14<br>16   | 28,29<br>30,31.2               | 8,11   | 10,13<br>14               | 15,17<br>(18) | 6,7<br>8               | 8,9<br>12,13        | 10,11<br>12          | 17,22<br>23,25               | 12,15<br>16               | 15,17 | 8,9<br>10               | 14,15<br>16          | 8,10<br>12               | 22,23<br>26             | XY         |
| 1.5F Swabs – external genital | 12,14<br>16   | 28,29<br>30,31.2               | 8,11   | 10,13<br>14               | 15,17         | 6,7<br>8               | 8,9<br>12,13        | 10,11<br>12          | 17,22<br>(23),25             | 12,15<br>16               | 15,17 | 8,9<br>10               | 14,15<br>16          | 8,10<br>12               | (22),23<br>26           | XY         |
| 1.5M Swabs – external genital | (12),14<br>16 | (28),29<br>(30),31.2           | 11     | 10,13                     | (15),17       | (6),7<br>8             | 12,13               | <b>10,11</b><br>(12) | 22,23                        | 12                        | 15    | <b>8,9</b><br><b>10</b> | (14),15<br><b>16</b> | 8,10                     | 22,23                   | XY         |

( ) = alleles between 75 and 149 rfu      Bold = major contributor

