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DEPARTMENT OF THE ARMY  
US ARMY CRIMINAL INVESTIGATION LABORATORY  
4930 N 31<sup>ST</sup> STREET  
FOREST PARK, GA 30297-5205

CILA-DNA

26 February 2009

MEMORANDUM FOR EVIDENCE CUSTODIAN, NCISRA MIRAMAR CA, BOX  
452138, SAN DIEGO, CA 92145

SUBJECT: DNA Branch - Final Report  
USACIL Case Number 2008-CID131-2407-R1  
Submitter Case Number 12JUN08-MWMM-0025-8FMA

EXHIBITS:

- 1-3 - Previously submitted. Not resubmitted.
- 4 - Buccal swab of WACKER and control swab (Item A, Log 053-09).

FINDINGS:

1. This report should be cross-referenced with the USACIL DNA Branch Final Report dated 15 January 2009.
2. DNA (deoxyribonucleic acid) was extracted from the buccal swab of WACKER. No examinations were performed on the control swab.
3. DNA profiles were obtained using PCR (polymerase chain reaction) technology on the fifteen STR (short tandem repeat) loci D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, and the gender identification locus Amelogenin.
4. The semen DNA profile obtained from the crotch of the shorts (Exhibit 1.1) matches the DNA profile obtained from WACKER. The frequency of occurrence of this profile among unrelated



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CILA-DNA

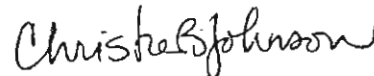
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individuals selected at random from the U.S. population is estimated to be:

Caucasian	1 in 22 quintillion
Black	1 in 900 quintillion
Hispanic	1 in 37 quintillion.

5. The above listed exhibit will be returned to the submitting agency upon the completion of laboratory testing.

6. This report was completed at or near the time of forensic examination(s) and prepared in the ordinary course of business by the person identified below. This report was made by the regularly conducted activity as a regular practice of the United States Army Criminal Investigation Laboratory. The point of contact is Christie.johnson3@us.army.mil, Commercial 404-469-4772 and DSN 797-4772.



CHRISTIE B. JOHNSON  
Forensic DNA Examiner



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CILA-DNA

15 January 2009

MEMORANDUM FOR EVIDENCE CUSTODIAN, NCISRA MIRAMAR CA, BOX  
452138, SAN DIEGO, CA 92145

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USACIL Case Number: 2008-CID131-2407  
Submitter Case Number: 12JUN08-MWMM-0025-8FMA

EXHIBITS:

- 1 - Shorts and jeans of BROODER., ECD: 606-08, Item#: B.
  - 1.1 - Shorts.
  - 1.2 - Jeans.
- 2 - Swabs of BROODER., ECD: 363-08, Item#: A.
- 3 - Swabs of EASLEY., ECD: 369-08, Item#: A.

FINDINGS:

1. Semen was identified on the shorts and jeans.
2. DNA (deoxyribonucleic acid) was extracted from the following samples:
  - Cutting from crotch of shorts
  - Cutting from crotch of jeans
  - Buccal swab of BROODER
  - Buccal swab of EASLEY.
3. DNA profiles were obtained using PCR (polymerase chain reaction) technology on the fifteen STR (short tandem repeat) loci D8S1179, D21S11, D7S820, CSF1PO, D3S1358, TH01, D13S317, D16S539, D2S1338, D19S433, vWA, TPOX, D18S51, D5S818, FGA, and the gender identification locus Amelogenin.
4. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the shorts.
  - A. The semen DNA profile is consistent with originating from an unknown individual that genetically types as male. The DNA results may be compared to other potential



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DNA contributors when suitable standards for comparison are submitted to this laboratory.

B. This DNA profile will be submitted to CODIS (Combined DNA Index System).

C. The non-semen DNA profile matches the profile from BROODER.

5. A mixture of DNA profiles from at least two individuals was obtained from the crotch of the jeans.

A. The major DNA profile matches the profile from BROODER.

B. Additional genetic typing information was detected but cannot be conclusively interpreted.

6. The above listed exhibits will be returned to the submitting agency upon the completion of laboratory testing.

7. This report was completed at or near the time of forensic examination(s) and prepared in the ordinary course of business by the person identified below. This report was made by the regularly conducted activity as a regular practice of the United States Army Criminal Investigation Laboratory.

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