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**Forensic Case Report
June 3, 2008**

To:
Submitting Agency
123 Main St.
Baltimore, MD 21201

BODE Case #: 2008-089T
Agency ID #: 7968547-08

List of Evidence Received on May 9, 2008 for possible DNA analysis:

<u>BODE Sample No.</u>	<u>Agency No.</u>	<u>Description</u>
2008-089T-01	S01-796-VRS	Victim reference sample; blood on FTA card
2008-089T-02	S01-796-SRS	Suspect reference sample; buccal swab
2008-089T-03	S01-796-CSS	Crime scene sample; stain on denim

FORENSIC BIOLOGY RESULTS:

Bode Sample Name	Screening Result	Location of Sample
2008-089T-03	Blood Confirmed Semen Confirmed No Saliva Detected	Cutting

The evidence was processed for DNA typing by analysis of the 13 CODIS Short Tandem Repeat loci, D2S1338, D19S433 and Amelogenin using the Applied Biosystems Identifiler[®] and MiniFiler[®] kits. Appropriate positive and negative controls were used concurrently throughout the analysis. 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.

Y-MARKER SCREENING RESULTS:

1. Samples 2008-089T-03a1-SF and 2008-089T-03a1-EF tested positive for Y-Marker screening and were processed further.

STR RESULTS AND CONCLUSIONS:

1. Full DNA profiles were obtained from samples 2008-089T-01 (Victim) and 2008-089T-02 (Suspect).
2. The DNA profile obtained from the sperm fraction (SF) of sample 2008-089T-03 is consistent with a male contributor. The individuals associated with samples 2008-089T-01 (Victim) and 2008-089T-02 (Suspect) are excluded as possible contributors of the DNA profile obtained from sample 2008-089T-03-SF.

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STR RESULTS AND CONCLUSIONS (Continued):

3. The DNA profile obtained from the epithelial fraction (EF) of sample 2008-089T-03 is consistent with a mixture of two individuals including the victim and one male contributor. The individual associated with sample 2008-089T-02 (Suspect) is excluded as a possible contributor to the mixture profile obtained from sample 2008-089T-03.

See **Tables 1 and 2** for summary of alleles reported for each sample.

Notes:

1. The DNA extracts and submitted evidence will be retained by Bode.
2. Any reference to body fluids in evidence descriptions are based on the written descriptions of the samples by the submitting agency.

Report submitted by,

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DNA Analyst III

Scott Smith
Forensic Biologist I

Table One: Identifiler Analysis of Short Tandem Repeat Loci

Locus	2008-089T-01a1 (Victim)	2008-089T-02a1 (Suspect)	2008-089T-03a1-EF	2008-089T-03a1-SF
D3S1358	16,17	14,16	16,17,(18)	16,18
vWA	18,19	15,20	(16),(17),18,19	16,17
FGA	20,22	20,21	(18),20,22	18,20
Amel.	X,X	X,Y	X,(Y)	X,Y
D8S1179	11,15	11,13	11,(12),(13),15	12,13
D21S11	28,30	31,31.2	(28),30	30,30
D18S51	10,12	12,19	10,12,(15),(17)	15,17
D5S818	11,12	11,11	11,12,(13)	12,13
D13S317	10,11	8,11	10,11,(12)	11,12
D7S820	9,10	10,12	(9),10,(11)	10,11
D16S539	11,12	11,11	(9),11,12	9,11
TH01	9,9.3	6,8	9,9.3	9.3,10
TPOX	8,11	9,11	8,11	8,11
CSF1PO	10,11	11,13	10,11,(12)	11,12
D2S1338	17,19	20,25	17,19,(23),(24)	23,24
D19S433	13,14	13,15	13,14,(15)	14,15

() = Minor Component Allele

Table Two: MiniFiler Analysis of Short Tandem Repeat Loci

Locus	2008-089T-01a1 (Victim)	2008-089T-02a1 (Suspect)	2008-089T-03a1-EF	2008-089T-03a1-SF
D13S317	10,11	8,11	10,11,(12)	11,12
D7S820	9,10	10,12	9,10,(11)	10,11
Amel.	X,X	X,Y	X,(Y)	X,Y
D2S1338	17,19	20,25	17,19,(23),(24)	23,24
D21S11	28,30	31,31.2	28,30	30,30
D16S539	11,12	11,11	(9),11,12	9,11
D18S51	10,12	12,19	10,12,(15),(17)	15,17
CSF1PO	10,11	11,13	10,11,(12)	11,12
FGA	20,22	20,21	(18),20,22	18,20

() = Minor Component Allele