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Supplemental Forensic Case Report
July 14, 2011

To:
Stephen Braga
Ropes and Gray LLP
700 12th Street, NW Suite 900
Washington, DC 20005

Bode Case #: 2S04-114

Partial list of evidence received on May 12, 2011 for possible DNA analysis:

<u>Bode Sample Name</u>	<u>Agency Sample ID</u>	<u>Agency Description</u>
2S04-114-83	E-132	Labeled as "Wooden slats"
2S04-114-83a1, -83a3		Smaller piece of wood (~21 inches)
2S04-114-83b1, -83b3		Larger piece of wood (~35 inches)
2S04-114-84	E-019	Labeled as "Rope"
2S04-114-85	E-130	Labeled as "Hook"
2S04-114-85a1, -85a3		Green handle side
2S04-114-85a2, -85a4		Metal hook side
2S04-114-86	E-130	Labeled as "Doral Cigarette Pack"
2S04-114-87	Not Listed	Labeled as "Sheet"
2S04-114-88	Not Listed	Labeled as "Sheet"

Partial list of evidence received on May 24, 2011 for possible DNA analysis:

<u>Bode Sample Name</u>	<u>Agency Sample ID</u>	<u>Agency Description</u>
2S04-114-97	E-01	Labeled as "Blue Boy Scout Shirt"
2S04-114-98	E-02	Labeled as "White Polka Dot Shirt"
2S04-114-98a1		Exterior front bottom edge of shirt
2S04-114-98a2		Exterior shoulder areas
2S04-114-99	E-03	Labeled as "Blue Pants"
2S04-114-99a1		Exterior edge of both pant legs
2S04-114-99a2		Exterior front waistband
2S04-114-101	E-05	Labeled as "Cub Scout Cap"
2S04-114-102	E-07	Labeled as "Blue jeans/blue wallet"
2S04-114-102a1		Exterior edge of both pant legs
2S04-114-102a2		Exterior front waistband
2S04-114-102b1		Exterior of wallet
2S04-114-104	E-09	Labeled as "Striped Shirt"
2S04-114-104a1		Exterior front bottom edge of shirt
2S04-114-104a2		Exterior shoulder areas
2S04-114-105	E-10	Labeled as "Child's underwear"
2S04-114-108	E-13	Labeled as "Blue jeans"
2S04-114-108a1		Exterior edge of both pant legs
2S04-114-108a2		Exterior front waistband
2S04-114-110	E-01	Pair Blue Jeans/striped shirt
2S04-114-111	E-01	Pair Pants/Pull over shirt

Forensic Biology Results:

1. Sample 2S04-114-84 contained one apparent human hair that is not suitable for nuclear DNA analysis but may be suitable for mitochondrial DNA analysis.
2. Sample 2S04-114-102 contained one apparent human hair that is not suitable for nuclear DNA analysis but may be suitable for mitochondrial DNA analysis.

DNA Processing, Results, and Conclusions:

The evidence was processed for DNA typing by analysis of the 13 CODIS Short Tandem Repeat loci, the D2S1338 locus, the D19S433 locus, and the Amelogenin locus using the Applied Biosystems AmpFISTR Identifier kit. 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.

1. An allele was obtained from sample 2S04-114-98a2 at the D8S1179 locus. Due to the limited data obtained, no conclusions can be made on the allele present in sample 2S04-114-98a2.
2. No DNA profile was obtained from the following samples: 2S04-114-83a3, 2S04-114-83b3, 2S04-114-84a2, 2S04-114-85a3, 2S04-114-85a4, 2S04-114-86a1, 2S04-114-97a1, 2S04-114-98a1, 2S04-114-99a1, 2S04-114-99a2, 2S04-114-101a1, 2S04-114-102a1, 2S04-114-102a2, 2S04-114-102b1, 2S04-114-104a1, 2S04-114-104a2, 2S04-114-105a1, 2S04-114-108a1, and 2S04-114-108a2.

See **Table 1** for summary of alleles reported for each sample.

Notes:

1. Any reference to body fluids in evidence descriptions are based on the written descriptions of the samples by the submitting agency.
2. The DNA extracts and submitted evidence will be retained at Bode until return is authorized by the client.
3. Items 2S04-114-87, 2S04-114-88, 2S04-114-110, and 2S04-114-111 were inventoried but not examined further at this time.
4. Items 2S04-114-83a and 2S04-114-83b were extracted two times (-83a1/-83a3 and -83b1/-83b3). Data from the second extraction (-83a3 and -83b3) were reported.
5. Items 2S04-114-84 and 2S04-114-85 were extracted two times (-84a1/-84a2; -85a1/-85a3; and -85a2/-85a4). Data from the second extraction (-84a2, -85a3, and -85a4) were reported.
6. A supplemental STR case report was issued due to a submission of additional evidence. Please refer to reports dated: June 14, 2011, May 23, 2011, May 11, 2011, March 25, 2011, January 25, 2011, June 4, 2008, April 10, 2008, March 7, 2008, September 27, 2007, January 2, 2007, and December 30, 2005 for complete lists of items received/tested for STRs.

Report submitted by,



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Forensic Biology/DNA Analyst I

Table 1: Analysis of Short Tandem Repeat Loci

Locus	2S04-114-83a3	2S04-114-83b3	2S04-114-84a2	2S04-114-85a3	2S04-114-85a4	2S04-114-86a1
D8S1179	No Results	No Results	No Results	No Results	No Results	No Results
D21S11	No Results	No Results	No Results	No Results	No Results	No Results
D7S820	No Results	No Results	No Results	No Results	No Results	No Results
CSF1PO	No Results	No Results	No Results	No Results	No Results	No Results
D3S1358	No Results	No Results	No Results	No Results	No Results	No Results
TH01	No Results	No Results	No Results	No Results	No Results	No Results
D13S317	No Results	No Results	No Results	No Results	No Results	No Results
D16S539	No Results	No Results	No Results	No Results	No Results	No Results
D2S1338	No Results	No Results	No Results	No Results	No Results	No Results
D19S433	No Results	No Results	No Results	No Results	No Results	No Results
vWA	No Results	No Results	No Results	No Results	No Results	No Results
TPOX	No Results	No Results	No Results	No Results	No Results	No Results
D18S51	No Results	No Results	No Results	No Results	No Results	No Results
Amel.	No Results	No Results	No Results	No Results	No Results	No Results
D5S818	No Results	No Results	No Results	No Results	No Results	No Results
FGA	No Results	No Results	No Results	No Results	No Results	No Results

Table 1: Analysis of Short Tandem Repeat Loci (Continued)

Locus	2S04-114-97a1	2S04-114-98a1	2S04-114-98a2	2S04-114-99a1	2S04-114-99a2	2S04-114-101a1	2S04-114-102a1
D8S1179	No Results	No Results	13, ---	No Results	No Results	No Results	No Results
D21S11	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D7S820	No Results	No Results	No Results	No Results	No Results	No Results	No Results
CSF1PO	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D3S1358	No Results	No Results	No Results	No Results	No Results	No Results	No Results
TH01	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D13S317	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D16S539	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D2S1338	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D19S433	No Results	No Results	No Results	No Results	No Results	No Results	No Results
vWA	No Results	No Results	No Results	No Results	No Results	No Results	No Results
TPOX	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D18S51	No Results	No Results	No Results	No Results	No Results	No Results	No Results
Amel.	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D5S818	No Results	No Results	No Results	No Results	No Results	No Results	No Results
FGA	No Results	No Results	No Results	No Results	No Results	No Results	No Results

Key: --- = possible additional alleles

Table 1: Analysis of Short Tandem Repeat Loci (Continued)

Locus	2S04-114-102a2	2S04-114-102b1	2S04-114-104a1	2S04-114-104a2	2S04-114-105a1	2S04-114-108a1	2S04-114-108a2
D8S1179	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D21S11	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D7S820	No Results	No Results	No Results	No Results	No Results	No Results	No Results
CSF1PO	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D3S1358	No Results	No Results	No Results	No Results	No Results	No Results	No Results
TH01	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D13S317	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D16S539	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D2S1338	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D19S433	No Results	No Results	No Results	No Results	No Results	No Results	No Results
vWA	No Results	No Results	No Results	No Results	No Results	No Results	No Results
TPOX	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D18S51	No Results	No Results	No Results	No Results	No Results	No Results	No Results
Amel.	No Results	No Results	No Results	No Results	No Results	No Results	No Results
D5S818	No Results	No Results	No Results	No Results	No Results	No Results	No Results
FGA	No Results	No Results	No Results	No Results	No Results	No Results	No Results

