# **EXHIBIT 35**



April 3, 2007

Sarah Frazier Attorney at Law Berg and Androphy 3704 Travis Houston, TX 77002 SERI Case No. M'6923'06 Trial Court Cause No. 9407130 Re: Charles Douglas Raby Others: Eric Berge Lee Rose

# SECOND ANALYTICAL REPORT

On March  $30^{\text{th}}$  2006 two items of evidence were received at the Serological Research Institute (SERI) from Investigator Donald Cohn of the Harris County District Attorney's Office via Fed Ex (854935059643). A forensic DNA analysis utilizing the Polymerase Chain Reaction (PCR) was requested. As per the court order of March  $10^{\text{th}}$  2006 a report was requested after DNA quantitation results were obtained. On June  $2^{\text{nd}}$  2006 a preliminary report was issued on these findings.

A court order on the above action, dated July 18<sup>th</sup> 2006, instructed me to combine the DNA extracts from two of the left hand fingernail extracts (items 1-5 and 1-6) and analyze these for male specific short tandem repeats (YSTRs) utilizing the Polymerase Chain Reaction (PCR). On September 28<sup>th</sup> 2006, an analytical report was issued on these submitted items.

On January 19<sup>th</sup> 2007, two additional reference samples were received at SERI from Donald Cohn via Federal Express (858735419700). A comparison of these two references to the previously submitted items was requested.

# ITEM 3 HEAD HAIR REFERENCE FROM ERIC BENGE

This item consists of a total of about 11 head hairs mounted on three microscope slides. The hairs were examined microscopically and two were selected for testing. The hairs were demounted and the root ends were cut off and extracted for DNA content. The extract was quantified, amplified by PCR and the amplified products were subjected to genetic marker analysis. The results are tabulated below.

# **ITEM 4 HEAD HAIR REFERENCE FROM LEE ROSE**

This item consists of a total of about 10 head hairs mounted on three microscope slides. The hairs were examined microscopically and four were selected for testing. The hairs were demounted and the root ends were cut off and extracted for DNA content. The extract was quantified, amplified by PCR and the amplified products were subjected to genetic marker analysis. The results are tabulated below.

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# TABLE OF RESULTS

DYS448	0	5	17	19		NA		NA	NA
BEFSAG	5	2	2	12		NA		[6]	AN
75437	15	<u>, x</u>	2	16		NA		[15]	NA
Y GATA II4	=	: 5	Dr.	12		NA		12	NA
Z6ESYG	Ę	=	:	E		NA		[13]	NA V
263SYG	FC		5	23		NA		NA	NA
DVS-09	=	: =	:	12		NA		[12]	AN AN
I6ESAG	-	- CI		11		NA		10	AN
EGESAG	r.	14		EI		NA		13	NA
da 2862YG	14.16	14.15		11,14		AN		12[15]	NA
DYSI9	14	14		17		NA		[15]	NA
DYS458	17	14		17		NA		17	[18]
DYS389II	29	28		29		NA		[28]	NA
DYS390	24	23		24		NA		24	NA
DYS389I	EI	12		13		NA		12[13]	NA
DYS456	15	14		15		NA		15[14]	NA
DESCRIPTION	Reference From- Charles Raby	Reference From- Eric Benge	Reference From-	Lce Rose	Extraction Blanks-	References	1-6 Combined Left Hand	Nail	Extraction Blank
ITEM	2	m		4			રું જ	1-6	

NA []

No activity. Alleles in brackets are between 50 and 149 RFU. Because of the low activity of these alleles, it may not be possible to determine all of the genotypes at this locus.

Key:

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# **EXPLANATIONS**

Human DNA consists of a number of genetic marker systems. Nuclear DNA is stored as chromosomes found only in the nucleus of the cell. In the nuclear DNA there are Short Tandem Repeats (STR's) found scattered throughout the human genome in specific locations (loci) and on the pairs of chromosomes. The biological parents contribute one set of chromosomes each to make up a unique genetic profile for the offspring. Included in the set of chromosomes are the sex chromosomes X and Y. The Y-chromosome specific STR loci (Y-STRs) are an inherited consistent group of linked genetic marker types (haplotype). The Y-STR haplotype is located in the non-recombining region of the Y chromosome and the same haplotype is passed on to the male offspring from the male parent. Therefore, a result consistent with an individual for Y-STRs also does not exclude any paternally related male individual. These Y-STR genetic markers can be amplified using the Polymerase Chain Reaction (PCR) process and the PCR products are then analyzed by capillary electrophoresis (CE) to separate the amplified products according to size and by the color emitted from fluorescent dye labeling. The following are Y-STR genetic markers: DYS456, DYS389I, DYS390, DYS389II, DYS438, DYS19, DYS385 a/b, DYS393, DYS391, DYS439, DYS635, DYS392, YGATAH4, DYS437, DYS438, and DYS448.

# **CONCLUSION**

The YSTR DNA genetic profile obtained from the combined DNA extracts (items 1-5 and 1-6) is a mixture of at least two individuals that is weak and incomplete. Charles Raby (item 2), Eric Benge (item 3) and Lee Rose (item 4) are not contributors to the DNA profile from items 1-5 and 1-6.

# **EVIDENCE DISPOSITION**

Please advise as to the disposition of the evidence at our earliest convenience.

SEROLOGICAL RESEARCH INSTITUTE

cc. Lynn Hardaway, ADA

SERI1/CaseFiles/M'6923'06/Rpt.2

Gary C. Harmor Senior Forensic Serologist