



**DRAFT**

**SEROLOGICAL RESEARCH INSTITUTE**

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Date  
SERI Case No. M'6882'06  
Agency Case No. 1993-WVS-Q5716  
93-05-0666  
Suspects: Damien Echols  
Jason Baldwin  
Jesse Misskelley

**FIFTH ANALYTICAL REPORT**

On February 22<sup>nd</sup> 2006, three items were received at the Serological Research Institute (SERI) by hand from Nancy Pemberton, Law Office of Michael Burt. An Analytical Report in respect of these items was prepared on May 22<sup>nd</sup> 2006. On November 22<sup>nd</sup> 2006, four additional items were received at SERI from Riordan and Horgan, Attorneys at Law, via Federal Express (791173238251 and 792887855539). A Second Analytical Report in respect of these items was prepared on February 27<sup>th</sup> 2007. On February 16<sup>th</sup> 2007, two additional items were received at SERI from Riordan and Horgan, Attorneys at Law, via Federal Express (791233220112), and on March 8<sup>th</sup> 2007, one additional item was received at SERI from Riordan and Horgan, Attorneys at Law, via Federal Express (792946172064). Mitochondrial DNA testing was requested, and a Third Analytical Report in respect of that testing was prepared on May 11<sup>th</sup> 2007. Further autosomal DNA testing in respect of items 8 and 10 was reported in a Fourth Analytical Report on May 25, 2007. Four further items were received at SERI via Federal Express (790268358643) from Riordan and Horgan, Attorneys at Law, on June 13, 2007. Mitochondrial testing was requested and is reported herein.

**ITEM 11 CIGARETTE BUTTS (DAVID JACOBY)**

This item consists of three filtered cigarette butts. A portion of the unburned end was excised from one of them and extracted for DNA content. The recovered DNA was quantified and sequenced by PCR using mitochondrial DNA primers. The results are tabulated below.

**ITEM 12 HAIR (DAVID JACOBY)**

This item consists of six brown hairs between one inch and 2 1/2 inches in length. No roots were observed under low-power microscopy. Approximately one-half of the hair shaft was excised from two of the hairs and reserved in frozen storage. No further analysis has been undertaken.

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**ITEM 13 CHEEK SWABS (DAVID JACOBY)**

This item consists of two double-ended Q-tip swabs. A portion of one swab bud was excised from one of them and extracted for DNA content. The recovered DNA was sequenced by PCR using mitochondrial DNA primers. The results are tabulated below.

**ITEM 14 TERRY HOBBS 5-19-07**

This item consists of one double-ended Q-tip swab with no visible staining. Both swab buds were excised, pooled and extracted for DNA content. The recovered DNA was quantified and sequenced by PCR using mitochondrial DNA primers. The results are tabulated below.

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