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ARIZONA DEPARTMENT OF PUBLIC SAFETY

SCIENTIFIC EXAMINATION REPORT

AGENCY Phoenix Police Department
FILE NO. 200551799055
OFFICER DURAN #6287
DATE November 29, 2006
NAME(S)

DR NO. 2006732863
Page 1 of 16

ITEMS:

- #1. Two buccal swabs from Mark Goudeau
#1.1. Four buccal swabs from Danny Walker
PHOENIX PD DR#200551853161A
#1.01. Two swabs from cell phone
#1.04A1. Evaluated, not analyzed
#1.04B. Evaluated, not analyzed
#7.01. Two swabs from cell phone
#8.1. Two swabs from purse strap
#8.2. Two swabs from outside of purse
#8.3. Two swabs from purse zipper
#0005.01A01. DNA extract from driver door handle
#0006.01A01. DNA extract from vehicle
PHOENIX PD DR#200552107772
#1A. Two circumoral swabs
#2A. Two vulva swabs
#3A. Two external labia majora swabs
#4A. Four vaginal swabs

Lorraine Heath (signature)

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RECEIVED D.P.S. Property
DISPOSITION D.P.S. Property

LORRAINE HEATH, #6353
Criminalist
Central Regional Crime Laboratory
(602) 223-2857

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- #1.05A. Two left breast swabs
- #1.05B. Two right breast swabs
- #1.10A. Received, not analyzed
- #1H. Two buccal swabs from Leon Lemonias

PHOENIX PD DR#200660826857

- #1B. Two swabs from shopping cart
- #2B. Eighteen swabs from interior passenger side of vehicle
- #3B. One buccal swab from Jon Felts

PHOENIX PD DR#200551799055

*2 Girls*

- #1C. Two external labia majora swabs
- #2C. Two circumoral swabs
- #3C.B. Two right breast swabs
- #3C.C. Two left breast swabs
- #4C. Two buccal swabs from Jason Lowell
- #1.08B. Two vulva swabs
- #1F. Two buccal swabs from Mitchell Toten
- #1G. Two buccal swabs from Jonathan Davis

PHOENIX PD DR#200551499628

- #4.01A. Two portions of shirt cutting

*Lorraine Heath*

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- #4.02A. Portion of shirt cutting
- #1D. White short sleeve shirt
- #2D. One buccal comb from Leon Dews
- #3D. Two buccal swabs from Robert Dixon
- #4D. Large cutting from shirt
- #5D. Small cutting from shirt
- #1.04A. Two right breast swabs
- #1.08A. Two external labia majora swabs
- #1.08A1. Two external labia majora swabs
- #1E. One buccal swab from Jesus Flores

PHOENIX PD DR#200552361078, #200660332085, #200660489775,  
#200660632246 and #200661226441

- #2F.1. DNA extract from unexpended casing
- #2F.2. Two swabs from expended casing
- #2F.3. Two swabs from expended casing
- #2F.4. Two swabs from expended casing and vial
- #2F.5. Two swabs from expended casing
- #2F.6. DNA extract from expended casing and extraction blank
- #2F.7. Left fingernail clippings from Tina Washington
- #2F.8. DNA extract from steering wheel cover

*Lorraine Heath*

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- #2F.9. Received, not analyzed
- #2F.10. Received, not analyzed
- #2F.11. DNA extract from gear shift handle and extraction blank
- #2F.12. Right nail scrapings from Chao Chou
- #2F.13. DNA extract from belt buckle
- #2F.14. Fingernail scrapings from Liliana Cabrera-Sanchez
- #2F.15. Fingernail scrapings from Liliana Cabrera-Sanchez
- #2F.16. DNA extract from fingernail scrapings of Liliana Cabrera-Sanchez
- #2F.17. DNA extract from fingernail scrapings of Liliana Cabrera-Sanchez
- #2F.18. DNA extract from right nail clippings of Kristen Gibbons and extraction blank
- #2F.19. DNA extract from left nail clippings of Kristen Gibbons
- #2F.20. Three DNA extracts from external genital swabs of Kristen Gibbons and extraction blanks
- #2F.21. Two swabs from front right thigh of Carmen Miranda
- #2F.22. Two swabs from left inner thigh of Carmen Miranda
- #2F.23. Two swabs from right hip area of Carmen Miranda
- #2F.24. Two swabs from right outer thigh of Carmen Miranda
- #2F.25. Two swabs from right inner thigh of Carmen Miranda
- #2F.26. DNA extract from button and zipper of Carmen Miranda
- #2F.27. DNA extract from right nail scrapings of Carmen Miranda

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- #2F.28. DNA extract from left nail scrapings of Carmen Miranda
- #2F.29. Two swabs from ignition switch
- #2F.30. Two swabs from gear shift
- #2F.31. Two swabs from steering wheel
- #2F.32. Two swabs from turning lever
- #2F.33. Bloodstain from Chao Chou
- #2F.34. Two buccal swabs from Jaime Coronado
- #2F.35. Two buccal swabs from Abel Coronado
- #2F.36. Two buccal swabs from Jose Reyes
- #2F.37. Two buccal swabs from Jorge-Alberta Armeta Varela
- #2F.38. Two buccal swabs from Abel Coronado Castillo
- #2F.39. Two DNA extracts from button and zipper of Tina Washington
- #2F.40. Two swabs from front driver exterior door handle
- #2F.41. Two swabs from front driver interior door arm rest
- #2F.42. Two swabs from front driver interior door panel
- #2F.43. Two swabs from rear driver exterior door handle
- #2F.44. Two swabs from rear driver interior door arm rest
- #2F.45. Two swabs from rear driver interior door panel
- #2F.46. Cutting from jeans near right inside pocket
- #2F.47. Cutting from left inside pocket of jeans

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- #2F.48. Cutting from right leg of jeans near crotch
- #2F.49. Cutting from right leg of jeans near knee
- #2F.50. Cutting from back inside right pocket of jeans
- #2F.51. Cutting from right back leg of jeans
- #3F. Black and brown steering wheel cover
- #4F. Received, not analyzed
- #5F. Right fingernail clippings from Tina Washington

Received, not analyzed - Eight white foil-lined envelopes and 15 coin envelopes

**EXAMINATION REQUESTED:**

DNA- YSTR

**RESULTS and CONCLUSIONS:**

Male human DNA was isolated from Items #1 and #1.1. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

PHOENIX PD DR#200551499628

No semen was detected on Items #1D and #4D.

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Male human DNA was isolated from Items #4.01A, #4.02A, #1D, #2D, #3D, #4D, #5D, #1E, #1.04A, #1.08A and #1.08A1. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

The male DNA profile obtained from Items #1.04A (right breast), #1.08A (external labia) and #1.08A1 (external labia) matches the DNA profile from Item #1 (Mark Goudeau) at all 16 loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. This profile has not been observed in the Applied Biosystems Yfiler haplotype database and is not expected to occur more frequently than 1 in 431 Caucasian males, 1 in 333 African-American males and 1 in 202 Hispanic males.

The male DNA profiles obtained from Items #1D.1 (inside shirt) and #1D.2 (outside shirt) are mixtures of at least three individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to these mixtures.

Inconclusive or no results were obtained from Items #4.01A (portions of shirt cutting), #4.02A (portion of shirt cutting), #4D (large shirt cutting) and #5D (small shirt cutting).

Portions of Items #4.01A, #4.02A, #1D, #4D, #5D, #1.04A, #1.08A and #1.08A1 have been retained in laboratory frozen storage.

PHOENIX PD DR#200551799055

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Human DNA was isolated from Items #1 and #3C.C. The DNA was characterized using the polymerase chain reaction (PCR) at amelogenin and the short tandem repeat (STR) loci D3S1358, vWA, FGA, D8S1179, D21S11, D18S51, D5S818, D13S317, D7S820, D16S539, TH01, TPOX and CSF1PO.

The DNA profile from Item #3C.C (left breast) is a mixture of at least three individuals and is consistent with the combined profiles of Items #2.01A (Alejandra Lara)\*, #1.01 (Lorena Lara)\* and #1 (Mark Goudeau).

Y-STR RESULTS

Male human DNA was isolated from Items #1C, #2C, #3C.B, #3C.C, #4C, #1F, #1G and #1.08B. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

The male DNA profile obtained from Item #3C.C (left breast) matches the DNA profile from Item #1 (Mark Goudeau) at all 16 loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. This profile has not been observed in the Applied Biosystems Yfiler haplotype database. It is 470 trillion times more likely to observe the combined STR and Y-STR profiles if Items #2.01A (Alejandra Lara)\*, #1.01 (Lorena Lara)\* and #1 (Mark Goudeau) are the contributors than if Items #2.01A (Alejandra)\*, #1.01 (Lorena)\* and a random unrelated Caucasian male are the contributors, 360 trillion times more likely than if Items #2.01A (Alejandra)\*, #1.01 (Lorena)\* and a random unrelated African-American male are the contributors and 340 trillion times more likely than if Items #2.01A (Alejandra)\*, #1.01 (Lorena)\* and a random

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unrelated Hispanic male are the contributors. (1 trillion = 1,000,000,000,000)

The male DNA profile obtained from Items #1C (external labia) and #1.08B (vulva) matches the DNA profile from Item #1 (Mark Goudeau) at all 16 loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. This profile has not been observed in the Applied Biosystems Yfiler haplotype database and is not expected to occur more frequently than 1 in 431 Caucasian males, 1 in 333 African-American males and 1 in 202 Hispanic males.

The partial male DNA profile obtained from Item #3C.B (right breast) matches the DNA profile from Item #1 (Mark Goudeau) at 9 Y-STR loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. Inconclusive or no results were obtained at DYS389II, DYS385, DYS439, DYS635, DYS392, Y GATA H4 and DYS448.

Inconclusive or no results were obtained from Item #2C (circumoral swabs).

Portions of Items #1C, #2C, #3C.B, #3C.C and #1.08B have been retained in laboratory frozen storage.

\* From Phoenix PD report DR#200551799055-0006 dated 1-3-06

PHOENIX PD DR#200551853161A

Male human DNA was isolated from Items #1.01, #8.1, #8.2, #8.3 and #0006.01A01. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391,

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DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

No male DNA was detected on Items #7.01 (cell phone) and #0005.01A01 (extract from driver door handle).

The male DNA profiles obtained from Items #8.2 (outside of purse) and #8.3 (purse zipper) are mixtures of at least three individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to these mixtures.

The partial male DNA profile obtained from Item #8.1 (purse strap) is a mixture of at least two individuals. The inclusion of Item #1 (Mark Goudeau) as a contributor to the mixture is inconclusive.

The partial male DNA profile obtained from Item #1.01 (cell phone) does not match any known standards in this case examined prior to this report and is from an unknown male individual.

Inconclusive or no results were obtained from Item #0006.01A01 (extract from vehicle).

Portions of Items #1.01, #7.01, #8.1, #8.2, #8.3, #0005.01A01 and #0006.01A01 have been retained in laboratory frozen storage.

PHOENIX PD DR#200552107772

Male human DNA was isolated from Items #1A, #2A, #4A, #1H, #1.05A and #1.05B . The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391,

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~~DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.~~

The male DNA profiles obtained from Items #1.05A (left breast) and #1.05B (right breast) are mixtures of at least two individuals. The major component of both mixtures matches the DNA profile from Item #1 (Mark Goudeau) at all 16 loci. Therefore, neither Mark Goudeau nor any of his paternally related male relatives can be excluded as the contributor of this DNA. This profile has not been observed in the Applied Biosystems Yfiler haplotype database and is not expected to occur more frequently than 1 in 431 Caucasian males, 1 in 333 African-American males and 1 in 202 Hispanic males. Item #1H (Leon Lemonias) cannot be excluded as a minor contributor to both of these mixtures.

The male DNA profiles obtained from Items #2A (external genitals) and #4A (vaginal swabs) are mixtures consistent with the combined DNA profiles of Item #1 (Mark Goudeau) and #1H (Lemonias).

The male DNA profile obtained from Item #1A (circumoral swabs) is a mixture of at least three individuals. Item #1 (Mark Goudeau) and #1H (Lemonias) cannot be excluded as contributors to this mixture.

Portions of Items #1A, #2A, #4A, #1.05A and #1.05B have been retained in laboratory frozen storage.

PHOENIX PD DR#200660826857

Male human DNA was isolated from Items #1B, #2B and #3B. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

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The male DNA profile obtained from Item #1B (shopping cart) is a mixture of at least three individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to this mixture.

The partial male DNA profile obtained from Item #2B.1 (seat levers) matches the DNA profile from Item #3B (Jon Felts) at 14 Y-STR loci. Inconclusive results were obtained at DYS389II and DYS385.

The partial male DNA profile obtained from Item #2B.2 (head rest) matches the DNA profile from Item #3B (Felts) at 12 Y-STR loci. Inconclusive results were obtained at DYS389I, DYS390, DYS389II and DYS439.

The male DNA profile obtained from Item #2B.3 (various vehicle swabs) is a mixture. The major component matches the DNA profile from Item #3B (Felts) at all 16 loci. The minor component is inconclusive.

Portions of Items #1B and #2B have been retained in laboratory frozen storage.

PHOENIX PD DR#200552361078

Preliminary tests were positive for blood on Item #2F.7. No blood was detected on Item #5F.

Male human DNA was isolated from Items #2F.7, #2F.39 and #5F. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

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No male DNA was detected on Item #2F.1 (casings).

The male DNA profile obtained from Item #2F.7 (left nail clippings) is a mixture of at least two individuals. The inclusion of Item #1 (Mark Goudeau) as a contributor to this mixture is inconclusive.

The male DNA profile obtained from Item #5F (right nail clippings) is a mixture of at least two individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to this mixture.

Inconclusive or no results were obtained from Item #2F.39 (button & zipper) due to data below the reporting threshold; however, Item #1 (Mark Goudeau) is excluded as a contributor of this DNA.

Portions of Items #2F.1, #2F.7, #2F.39 and #5F have been retained in laboratory frozen storage.

PHOENIX PD DR#200660332085

Preliminary tests were positive for blood on Item #2F.4.

Male human DNA was isolated from Item #2F.4. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

Inconclusive or no results were obtained from Item #2F.4 (casing).

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Portions of Item #2F.4 have been retained in laboratory frozen storage.

PHOENIX PD DR#200660489775

Preliminary tests were positive for blood on Items #2F.5, #2F.14 and #2F.15.

Male human DNA was isolated from Items #2F.5, #2F.8, #2F.12, #2F.13, #2F.14, #2F.15 and #2F.33. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

The partial male DNA profile obtained from Item #2F.5 (casing) is a mixture of at least two individuals. Item #2F.33 (Chao Chou) cannot be excluded and Item #1 (Mark Goudeau) is excluded as contributors to the mixture.

The male DNA profile obtained from Items #2F.8 (steering wheel & gear shift) and #2F.12 (tissue from right nail clippings) matches the DNA profile from Item #2F.33 (Chou) at all 16 loci.

Inconclusive or no results were obtained from Items #2F.13 (extract from belt buckle), #2F.14 (fingernail scrapings) and #2F.15 (fingernail scrapings).

Portions of Items #2F.5, #2F.8, #2F.12, #2F.13, #2F.14 and #2F.15 have been retained in laboratory frozen storage.

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Central Regional Crime Laboratory  
(602) 223-2857

Accredited by the ASCLD Laboratory Accreditation Board

Any notes, photographs, charts, or graphs generated during the examination are retained in the laboratory.

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ARIZONA DEPARTMENT OF PUBLIC SAFETY  
SCIENTIFIC EXAMINATION REPORT

AGENCY Phoenix Police Department  
FILE NO. 200551799055  
OFFICER DURAN #6287  
DATE November 29, 2006  
NAME(S)

DR NO. 2006732863  
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PHOENIX PD DR#200660632246

Male human DNA was isolated from Items #2F.18 and #2F.19. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439, DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.

No male DNA was detected on Item #2F.20 (extract from external genitals).

The partial male DNA profile obtained from Item #2F.18 (extract from right nail clippings) is a mixture. Item #1 (Mark Goudeau) is excluded as a contributor to this mixture.

Inconclusive or no results were obtained from Item #2F.19 (extract from left nail clippings).

Portions of Items #2F.18, #2F.19 and #2F.20 have been retained in laboratory frozen storage.

PHOENIX PD DR#200661226441

Preliminary tests were positive for blood on Items #2F.46, #2F.47 and #2F.50. No blood was detected on Items #2F.48 and #2F.51.

Male human DNA was isolated from Items #2F.21, #2F.26, #2F.27, #2F.28, #2F.29, #2F.34, #2F.35, #2F.36, #2F.37, #2F.38, #2F.40, #2F.41, #2F.43, #2F.44 and #2F.46. The DNA was characterized using the polymerase chain reaction (PCR) at the Y-chromosome short tandem repeat (STR) loci DYS456, DYS389I, DYS390, DYS389II, DYS458, DYS19, DYS385, DYS393, DYS391, DYS439,

CUSTODY OF EVIDENCE  
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~~DYS635, DYS392, Y GATA H4, DYS437, DYS438 and DYS448.~~

The male DNA profile obtained from Item #2F.29 (driving area) is a mixture of at least two individuals. The major component matches the DNA profile obtained from Items #2F.34 (Jaime Coronado) and #2F.35 (Abel Coronado) at all 16 loci. The minor component does not match any known standards in this case examined prior to this report and is from an unknown male individual.

The partial male DNA profile obtained from Item #2F.41 (front driver interior door) is a mixture of at least two individuals. Items #2F.34 (Jaime Coronado) and #2F.35 (Abel Coronado) cannot be excluded as the major contributors to this mixture. The minor component is inconclusive. The inclusion of Item #1 (Mark Goudeau) as a contributor to this mixture is inconclusive.

The male DNA profile obtained from Item #2F.44 (rear driver interior door) is a mixture of at least three individuals. Items #2F.34 (Jaime Coronado), #2F.35 (Abel Coronado), #2F.38 (Abel Castillo) and #2F.36 (Jose Reyes) cannot be excluded as contributors to this mixture. The minor component is inconclusive. The inclusion of Item #1 (Mark Goudeau) as a contributor to this mixture is inconclusive.

The male DNA profile obtained from Item #2F.46 (jean cuttings) is a mixture of at least three individuals. Item #1 (Mark Goudeau) cannot be excluded as a contributor to this mixture.

Inconclusive or no results were obtained from Items #2F.21 (thigh & hip), #2F.26 (extract from button & zipper), #2F.27 (extract from right nail scrapings), #2F.28 (extract from left nail clippings), #2F.40 (front exterior driver handle) and #2F.43 (rear exterior driver handle).

Portions of Items #2F.21, #2F.26, #2F.27, #2F.28, #2F.29, #2F.40, #2F.41, #2F.43, #2F.44 and #2F.46 have been retained in laboratory frozen storage.

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