



DEPARTMENT OF THE ARMY
 USA CRIMINAL INVESTIGATION LABORATORY
 FORT GORDON, GEORGIA 30905

70-CID023-10198
 71-CID011-00015
 UNIT CASE NUMBER

LABORATORY REPORT
 NUMBER P-D-FA-C-FP-82-70-R29

CONTRIBUTOR: Commanding Officer, USACIDA, Investigations Division, Attn:
 P. E. Kearns, PO Box 133, Federal Building, Fayetteville, NC 28302

SUSPECT: MacDONALD, Jeffrey R.

VICTIM: MacDONALD, Colette et al

OFFENSE: Murder

RECEIVED 31 Aug 71 HOW RECEIVED RECEIVED BY
 Handcarried by BENNETT BROWNING

RETURNED 20 Sep 71 HOW RETURNED
 Handcarried by BENNETT (Ex A, C, CC, DD)
 Registered Mail R# 27545 E# 27546
 (Exhibits D-19, D-62NB, D-64NB, D-127,
 D-233-239, D-256, E-4, E-5)

EVIDENCE EXAMINED:

- Exhibit A - Piece of wood approximately 31" x 1 1/2" x 1 1/2"
- Exhibit C - One wood handled ice pick
- Exhibit D-19- Sheet from bed of east bedroom
- Exhibit D-62NB- Pillow cover from bed of north bedroom
- Exhibit D-64NB- Sheet from bed of north bedroom
- Exhibit D-127 - Sheet from bed of south bedroom
- Exhibits D-233 thru D-239, D-256,
 E-4, E-5 - Fingernail scrapings from left and right hands of Colette, Kimberly,
 Kristen and Jeffrey MacDonald, debris from Colette MacDonald's
 right and left hands
- Exhibit CC - One rug measuring approximately 9' x 12' from east bedroom floor
- Exhibit DD - Length of wood measuring approximately 72" in length, removed
 from right side of bed in east bedroom

1. Physical examination of Exhibit D-62NB revealed two isolated circular stained areas. Using the end of the handle of Exhibit C, imprint markings were made on white cloth material selected from laboratory stock. Comparison of the circular

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stains on Exhibit D-62NB with those made by Exhibit C failed to reveal any individual characteristics that would positively identify or eliminate Exhibit C as the tool causing the markings on Exhibit D-62NB.

2. Examination of the rug and rubber pad included in Exhibit CC failed to reveal any punctures or cuts that could be attributed to an ice pick or sharp cutting instrument.

3. Examination of Exhibit DD did not reveal any markings or indentations that would indicate it had ever been in contact with Exhibit A.

Charles E. Shomber
CHARLES ELTON SHOMBER
CW2, USA, 511-36-3421
Firearms Examiner

Monty Cling Lutz
MONTY CLING LUTZ
CW2, USA, 544-40-5005
Chief, Firearms Division

4. Examination of the yellow stains from Exhibits D-19 and D-127 revealed the presence of urine.

a. Blood typing examination of this stain from Exhibit D-19 revealed the presence of the blood specific factor A, indicating same to be of the International Blood Group Type A or Type AB with the deterioration of the blood specific factor B.

b. Blood typing examination of this stain from Exhibit D-127 revealed the presence of the blood specific factors A and B, indicating same to be of the International Blood Group Type AB.

5. Examination of Exhibit D-64NB revealed the presence of a mixed stain of urine and blood. Blood typing examination did not reveal the presence of the blood specific factors A, B or H.

6. Reexamination of Exhibits D-233 through D-239, D-256, E-4 and E-5 did (Continued)

EXHIBIT T-1

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not reveal the presence of any skin particles.

Janice S. Glisson
JANICE SUPER GLISSON, DAC
029-14-3515
Chemist

Arthur Boyd Connors
ARTHUR BOYD CONNORS, DAC
546-30-1595
Chief, Chemistry Division

Edward Andrew Balog
EDWARD ANDREW BALOG
Major, MPC
Commanding

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