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"HQ" FILE NO. - DOSSIER "QG" NO	LAB. FILE NO. - DOSSIER DU LAB. NO	DATE
	71S588	June 29, 1971
YOUR REF. NO. - VOTRE RÉF. NO	ENCLOSURES - PIÈCES JOINTES	PLACE - LIEU
		Sackville, N.B.
	LABORATORY REPORT NO. - RAPPORT DU LABORATOIRE NO	First
SECTION	CLASSIFICATION	C.N. 33
Hair & Fibre Section		
FOR - DESTINATAIRE		
The Chief of Police, Sydney City Police, Sydney, Nova Scotia		
REFERENCE - RÉFÉRENCE		
Sandford Seale, Fatal Stabbing, Sydney, N. S. 18 May 71		

COPIES TO - COPIES À

C.O. Crime Detection Laboratories, R.C.M. Police, Ottawa, Ont.

- GENERAL: The following exhibits were received personally from Sgt. M. R. MacDonald on June 16, 1971:  
 Exhibit A: - One yellow jacket.  
 Exhibit B: - One brown coat.
- PURPOSE: To examine exhibits A and B for the presence of any "fresh" appearing cuts or tears.
- DATA: Exhibits A and B were examined visually and microscopically.
- CONCLUSIONS: (1) The yellow jacket, exhibit A, has two separations in the material. The first is approximately 1" in length and is indicative of being a cut, "fresh" in appearance. The second separation is approximately 8" in length and is indicative of being cut and torn and being "fresh" in appearance.  
 (2) The brown coat, Exhibit B, has a "fresh" appearing cut approximately 2 3/4" in length present on the lower front area.
- REMARKS: Exhibits A and B were given to C/M S.K. Mrazek of the Serology Section on June 28, 1971.

Submitted by: *[Signature]* Sc. 8.  
 C/M (A.J. Evers) B.A.  
 i/c Hair & Fibre Section.

Approved by: *[Signature]*  
 J. Hoday, B.A. (Hons Biochem) Insp.  
 Officer i/c Sackville Laboratory.

S/Sgt  
 For:

AJE/es

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CRIME DETECTION LABORATORY REPORT

RAPPORT DES LABORATOIRES JUDICIAIRES

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City - Ville	Lab. File No. - Dossier du laboratoire	Date
Halifax, N.S.	82H234	82-03-25
Section	Code No. - No de code	Lab. Report No. - Rapport du lab. no
Serology 82-03-25	27	First
		Your File No. - Votre dossier no
		82-77

TO  
 À  
 N.C.O. i/c Sydney Sub/Division G.I. Section,  
 R.C.M. Police, P.O. Box 1280,  
 Sydney, N.S. Attn: S/Sgt. H.F. Wheaton, P.C. Co-Ordinator

Reference - Référence  
 Donald MARSHALL, Jr. - Non-Capital Murder,  
 Sydney, N.S. 71-05-28/29.

COPIES TO - COPIES À

1. GENERAL:

1. A sealed package was received at the Crime Detection Laboratory, Halifax, N.S., via registered mail (R. No. 2185, Sydney, N.S.) on 82-03-08.
2. The following exhibits were personally received at the Crime Detection Laboratory, Sackville, N.B., from C/M A.J. Evers, i/c Hair and Fibre Section on 82-03-18:

- Exhibit 1: knife with handle fashioned from copper tubing and cartridge case.
- Exhibit 2: knife with handle fashioned from copper tubing and unidentified material.
- Exhibit 3: knife with handle fashioned from copper tubing and unidentified material.
- Exhibit 4: knife with handle fashioned from copper tubing.
- Exhibit 5: kitchen knife with painted wooden handle.
- Exhibit 6: kitchen knife with serrated edge and wooden handle bound with tape.
- Exhibit 7: stainless steel table knife, green plastic on handle.
- Exhibit 8: knife with green plastic, black tape and foil on handle.
- Exhibit 9: kitchen knife with wooden handle.
- Exhibit 10: kitchen knife with wooden handle.

2. PURPOSE:

To examine Exhibits 1 - 10 inc., for the presence of blood.

...2/ *hm*



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Number of Exhibits

Lab. File No. Dossier du Lab. n° Page

Donald MARSHALL, Jr. - Non-Capital Murder,  
Sydney, N.S. 71-05-28/29.

82H234

#2

3. CONCLUSIONS: Blood was not detected on Exhibits 1-10 inc.
4. REMARKS:
1. The sealed package was personally transferred to C/M A.J. Evers at the Crime Detection Laboratory, Sackville, N.B., on 82-03-17.
  2. Exhibits 1 - 10 inc., are being returned to the Sydney Sub/Div., G.I. Section herewith via registered mail.

Submitted by: ~~\_\_\_\_\_~~ O/M.  
R.A. MacAlpine, B.Sc., R.T.  
i/c Serology Section.

RAM/sar

CRIME DETECTION LABORATORY REPORT

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C.D. Laboratory - Lab. jud <b>Sackville, N.B.</b>	Lab. File No. - Dossier du lab. no <b>71S588</b>	Date <b>82-04-01</b>
Section <b>Hair &amp; Fibre - 82-04-01</b>	Code No. - No. de code <b>C.N. 33</b>	Lab. Report No. - Rapport du lab. no <b>Second</b>

Your File No. - Votre dossier no

**82-77**

**T** The N.C.O. i/c Sydney Sub/Div. G.I.S.,  
**O** R.C.M. Police,  
**A** SYDNEY, N.S.

Reference - Reference

**Donald MARSHALL Jr.**  
**Non-Capital Murder**  
**Sydney, N.S. 71-05-28/29**

COPIES TO - COPIES A

**1. GENERAL:**

The following exhibits were received personally from C/M R.A. MacAlpine of the Halifax Serology Section on 82-03-17.

- Exhibit 1: one copper handled knife.
- Exhibit 2: one copper handled knife.
- Exhibit 3: one copper handled knife.
- Exhibit 4: one copper handled knife.
- Exhibit 5: one bread knife.
- Exhibit 6: one bread knife.
- Exhibit 7: one green handled knife.
- Exhibit 8: one green handled knife with tape.
- Exhibit 9: one butcher knife with broken blade.
- Exhibit 10: one butcher knife.

**2. PURPOSE:**

To examine exhibits 1 to 10 inclusive for the presence of any fibres consistent with the fibres composing exhibits A and/or B, a yellow jacket and a brown coat, as described in Laboratory Report 71S588 dated 29 June 1971.

**3. DATA:**

Exhibits 1 to 10 inclusive were examined microscopically for the presence of any fibres consistent with the fibres composing exhibits A or B.

**4. CONCLUSIONS:**

- (1) One synthetic fibre from exhibit 1, one synthetic fibre from exhibit 2, four synthetic fibres from exhibit 6, eight synthetic fibres from exhibit 8, two synthetic fibres from exhibit 9, two synthetic fibres from exhibit 10 and two synthetic fibres from the piece of tape present in the envelope are consistent with synthetic fibres composing the coat, exhibit B.
- (2) One light brown wool fibre from exhibit 8 and two light brown wool fibres from inside the envelope are consistent with light brown wool fibres composing the coat, exhibit B.
- (3) Three synthetic fibres removed from exhibit 8 are consistent with synthetic fibres composing the jacket, exhibit A.



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Reference - Référence


Lab. File No. - Dossier du lab. n°

Page

RE: Donald Marshall Jr.  
Non-Capital Murder  
Sydney, N.S. 71-05-28/29

71S588

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5. REMARKS: (1) Exhibits 1 to 10 inclusive were returned to C/M  
R.A. MacAlpine of the Halifax Serology Section on  
82-03-18. 

Submitted by:  C/M.  
A. J. Evers, B.A.  
i/c Hair and Fibre Section.

AJE/mgl



151  
 REQUEST FOR ANALYSIS/EXAMINATION OF EXHIBITS  
 DEMANDE D'EXPERTISE DE PIÈCES À CONVICTION

Lab file no. - N° du dossier du labo  
 RCM 122.189

\* Shaded areas. - Lab use only.  
 Parties ombrées à l'usage exclusif du labo.

Page	1	of de	1	Contributor's file no. N° du dossier du contributeur	Date
					82-03-23

FROM DE: P.C. Co-ordinator  
 Sydney Sub/Div. GIS  
 P.O. Box 1280  
 Sydney, N.S.

TO A: WCO i/c Sackville C.D.L.  
 P.O. Box 1320  
 Sackville, N.B.  
 EOA JCO

RE: Donald MARSHALL, Jr.  
 OBJET: Non-Capital Murder, Sec. 206(2) CCC  
 Sydney, N.S. 28/29 MAY 71

A. Details of investigation pertinent to exhibits.  
 B. Exhibits: list, indicate origin, explain type of analysis/examination required, indicate urgency. Use additional pages if space insufficient.

A. Détails de l'enquête relatifs aux pièces à conviction.  
 B. Pièces à conviction: les inscrire, indiquer leur provenance, le genre d'analyse ou d'expertise demandée, et le degré d'urgence. Ajouter une feuille si l'on manque d'espace.

Further to our conversation of today's date, it is requested this basket be examined for hair and fiber deposits.

(H.P. WHEATON) S/Sgt.  
 D.C. Co-or. Syd. S/D GIS

Contributor/Investigator's signature (name & rank)  
 Signature du contributeur ou de l'enquêteur (nom et grade)

CONTINUE CONTINUÛTÉ	New case Nouveau dossier <input type="checkbox"/>		Re-opened case Dossier rouvert <input type="checkbox"/>		Additional exhibits Pièces additionnelles <input type="checkbox"/>		
	Received from - Reçu de				First/sole recipient's signature du premier ou du seul destinataire		Date
	Mode Moyen   Mail - Poste		Express - Messagerie		By hand Porteur   Sealed Scellé <input type="checkbox"/>		Unsealed Non scellé <input type="checkbox"/>
	Sections assigned - Sections concernées						Diary date Date d'agenda
	Subsequent signatures and dates - Signatures et dates ultérieures						

(7)

CRIME DETECTION LABORATORY REPORT

RAPPORT DES LABORATOIRES JUDICIAIRES

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C.D. Laboratory - Lab. jud <b>Sackville, N.B.</b>	Lab. File No. - Dossier du lab. no <b>71S588</b>	Date <b>82-04-05</b>
Section <b>Hair &amp; Fibre - 82-04-05</b>	Code file - No. de code <b>C.N. 33</b>	Lab. Report No. - Rapport du lab. no <b>Third</b>

Your File No. - Votre dossier no  
**82-77**

**T O A**  
The N.C.O. i/c Sydney Sub/Div. G.I.S.,  
R.C.M. Police,  
SYDNEY, N.S.                   ATT: S/Sgt. H.F. Wheaton

Reference - Réference Donald MARSHALL Jr. Non-Capital Murder Sydney, N.S. 71-05-28/29
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COPIES TO - COPIES À

- GENERAL:           The following exhibit was received personally from Sgt. Guy Arsenault at this laboratory on 82-03-26:  
  
                                  Exhibit 11: one cardboard basket.
- PURPOSE:           To examine exhibit 11 for the presence of any fibres consistent with fibres composing exhibits A and B as described in Laboratory Report 71S588 dated 29 June 1971.
- DATA:               Exhibit 11 was examined microscopically for the presence of any significant fibres.
- CONCLUSIONS:   Four synthetic fibres removed from exhibit 11 are consistent with synthetic fibres composing the brown coat, exhibit B.
- REMARKS:           Exhibit 11 is returned herewith via registered mail to the P.C. Co-ordinator Sydney Sub/Div. G.I.S. att'n S/Sgt. H.F. Wheaton.

Submitted by: *[Signature]* C/M.,  
A.J. Evers, B.A.  
i/c Hair & Fibre Section.

AJE'kgt





133  
 REQUEST FOR ANALYSIS / EXAMINATION OF EXHIBITS  
 DEMANDE D'EXPERTISE DE PIÈCES À CONVICTION

Lab. file no. - N° du dossier du labo

\* Shaded areas. - Lab use only.  
 Parties ombrées à l'usage exclusif  
 du labo.

Page 1 of de 1

Contributor's file no.  
 N° du dossier du contributeur

Date  
 82-04-01

FROM  
 DE  
 Cst. D. HYDE  
 Sydney S/D GIS  
 P.O. Box 1280  
 Sydney, N.S.

TO:  
 A:  
 NCO i/c C.D.L. Sackville  
 R.C.M. POLICE  
 P.O. Box 1320, Sackville, N.B.  
 Attn: C/M A. EVERS Hair & Fiber Sec.

RE:  
 OBJET:  
 Donald MARSHALL, Jr.  
 Non-Capital Murder  
 Sydney, N.S. 71-05-28

A. Details of investigation pertinent to exhibits.  
 B. Exhibits: list, indicate origin, explain type of analysis/  
 examination required, indicate urgency. Use additional  
 pages if space insufficient.

A. Détails de l'enquête relatifs aux pièces à conviction.  
 B. Pièces à conviction: les inscrire, indiquer leur provenance, le genre  
 d'analyse ou d'expertise demandée, et le degré d'urgence. Ajouter une  
 feuille si l'on manque d'espace.

A. As a result of a murder which occurred in Sydney on 71-05-28, the under noted exhibits were seized. It is suspected that Roy EBSARY, suspect in the case, was wearing the exhibits on the night of the murder.

- B. Exhibits seized:
1. One navy blue top coat
  2. One white shirt
  3. Two gold wrap around belts.

It is requested that the exhibits be examined for fibers similar to the ones obtained from the knife and the basket previously forwarded re this case. It is also requested that the inner lining of the blue coat be examined to determine if the cut was made by a knife or if it was torn.

It is also requested that the exhibits be forwarded to Serology Section for examination for any blood stains and blood type.

*D. Hyde*  
 (D. HYDE) Cst.  
 Sydney S/D G.I.S.

Contributor/Investigator's signature (name & rank)  
 Signature du contributeur ou de l'enquêteur (nom et grade)

CONTINUE  
 CONTINUÏTÉ

New case Nouveau dossier <input type="checkbox"/>		Re-opened case Dossier reouvert <input type="checkbox"/>		Additional exhibits Pièces additionnelles <input type="checkbox"/>	
Received from - Reçu de			First/sole recipient's signature du premier ou du seul destinataire		Date
Mode Moyen   Mail - Poste		Express - Messagerie		By hand Porteur   Sealed Scellé <input type="checkbox"/>   Unsealed Non scellé <input type="checkbox"/>	
Sections assigned - Sections concernées					Diary date Date d'agenda
Subsequent signatures and dates - Signatures et dates ultérieures					

CRIME DETECTION LABORATORY REPORT

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C.D. Laboratory - Lab. jud. <b>Sackville, N.B.</b>	Lab. File No. - Dossier du lab. no <b>71S588</b>	Date <b>82-04-15</b>
Section <b>Hair &amp; Fibre - 82-04-05</b>	Code No. - No de code <b>C.N. 33</b>	Lab. Report No. - Rapport du lab. no <b>Fourth</b>

Your File No. - Votre dossier no  
**82-77**

**T**  
**O**  
**A**  
The N.C.O. i/c Sydney Sub/Div. G.I.S.,  
R.C.M. Police,  
SYDNEY, N.S.

Reference - Référence <b>Donald MARSHALL Jr.</b> <b>Non-Capital Murder</b> <b>Sydney, N.S. 71-05-28/29</b>
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COPIES TO - COPIES À

1. GENERAL:

The following exhibits were received at this laboratory via registered mail from Sydney, N.S. on 82-04-06:

- Exhibit 12: one navy blue top coat.
- Exhibit 13: one white shirt.
- Exhibit 14: two gold colored belts.

2. PURPOSE:

1. To determine if any of the fibres removed from exhibits 1 to 10 inclusive, as described in Laboratory Report 71S588 dated 82-04-01, are consistent with the fibres composing exhibits 12, 13 or 14.
2. To examine exhibit 12 to determine if the separation in the back of the coat is a cut or a tear.

3. DATA:

1. The fibres composing exhibits 12, 13 and 14 were examined microscopically.
2. The separation in the back of the coat, exhibit 12, was examined microscopically.

4. CONCLUSIONS:

1. The knives, exhibits 1 to 10 inclusive, were found to be negative for the presence of any fibres consistent with the fibres composing exhibits 12, 13 or 14.
2. The separation in the back of the coat, exhibit 12, is through the lining and the outer material and measures approximately thirteen millimetres in length. The separation is indicative of being cut.

5. REMARKS:

Exhibits 12, 13 and 14 are being forwarded to C/M R.A. MacAlpine of the Serology Section, Halifax Crime Detection Laboratory.

Submitted by: *[Signature]* C/M.,  
A.J. Evers, B.A.  
i/c Hair & Fibre Section.

*[Signature]*  
AJE'kgt

ROYAL CANADIAN MOUNTED POLICE  
CRIME DETECTION LABORATORY REPORT

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RCMP 171  
GENDARMERIE ROYALE DU CANADA  
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CD Laboratory - Lab. ind. <b>Halifax, N.S.</b>	Lab. File No. - Dossier du lab. no. <b>82H234</b>	Date <b>82-05-14</b>
Section <b>Serology 82-05-13</b>	Code No. - No. de code <b>27</b>	Lab. Report No. - Rapport du lab. no. <b>Second</b>

Your File No. - Votre dossier no.

T  
O  
A  
N.C.O. i/c Sydney S/D G.I. Section,  
R.C.M. Police, SYDNEY, N.S.

Reference - Référence  
Donald MARSHALL, Jr.,  
Non Capital Murder, Sydney, N.S. 71-05-28

COPIES TO - COPIES À

1. GENERAL:

The following exhibits were received at the Laboratory via registered mail (R. No. 347, Sackville, N.B.) on 82-04-19:

Exhibit 12: navy trench coat.

Exhibit 13: white shirt.

Exhibit 14: two gold scarves.

2. PURPOSE:

To examine Exhibits 12, 13 and 14 for the presence of blood.

3. CONCLUSIONS:

Blood was not determined to be present on Exhibits 12, 13 and 14.

4. REMARKS:

1. Areas on Exhibits 12 and 14 gave positive results for the presumptive test for blood. In addition to blood, a number of other substances give positive results such as iron rust, bleach and vegetable extracts to name a few. The material would not extract properly from the exhibits in order for the specific test to be conducted on a concentration of extract from the stain.

2. Exhibits 12, 13 and 14 are being returned to the Sydney S/D G.I.S. herewith via registered mail.

Submitted by:  C/M.  
R.A. MacAlpine, B.Sc., R.T.  
i/c Serology Section.

RAM/sar

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