

LAWRENCE BRIAN MARSMALL

1898/97

I am a BSc etc

On 7 May 1997 items 1-16 were received in the laboratory from Detective Constable Keys, described as follows

1
↓
16 } As form

On 9 May 1997 items 17-20 were received in the Laboratory from Detective Constable McDowell, described as follows

17
↓
20 } As form

On the same date items 21-23 were received in the laboratory from Mr [REDACTED] ~~described~~ described as follows

21
↓
23 } As form

On 12 May 1997 items 24-27 were received in the laboratory from Constable Ardis, described as follows

24
↓
27 } As form

On 13 May 1997 items 28-71 were received in the Laboratory from Constable M^cDowell, described as follows

28 }
↓ } As forms
71 }

On 15 May 1997 item 72 was received in the Laboratory from Detective Constable M^cDowell described as

72 JM^cD 5 Blood for DNA Rory R.A. Robinson

On 16 May 1997 items 76-81 were received in the Laboratory from Detective Constable M^cDowell

76 }
↓ } As form
81 }

On 22 May 1997 items 82 and 83 were received in the Laboratory from Detective Constable Keys, described as follows

82 }
↓ } As form
83 }

PURPOSE

The items submitted were examined for bloodstaining and stains found were typed as were the reference samples submitted

FINDINGS

This work etc

ITEMS ATTRIBUTED TO HAMILL

Item 1 (JM^cA1) consisted of a black leather jacket. The collar, back of the right sleeve and back of the jacket were extensively bloodstained. Bloodstains were found on the right front and side. Blood from the right front and side and two areas of the back of the right sleeve were lifted for DNA typing.

Item 2 (JM^cA2) consisted of a ~~pair~~ pair of blue denim jeans. They were bloodstained at the bottom of both legs, more heavily on the left. Light bloodstains were found on the seat. Blood from both legs and the seat was lifted for DNA typing.

Item 3 (JM^cA3) consisted of a white shirt. Bloodstains were found on the back of the collar and over the right shoulder at the back.

Item 4 (JM^cA4) consisted of a white T-shirt. It had been cut from the neck to the end of the right sleeve and from the hem to the end of the left sleeve, presumably in hospital. A spot of blood was found below the neck.

Items 5 and 6 (JM^cA5 and JM^cA6) formed a pair of shoes. A spot of blood was found on the right boot. It was lifted for DNA typing.

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ITEMS ATTRIBUTED TO BRIDGET

Item 7 (WAS 2) consisted of a black shirt. It was examined for bloodstaining. None was found.

Item 8 (WAS 4) consisted of a checked shirt. The button from the right cuff was missing and the seam ~~to~~ under the right arm was torn. Bloodstaining was found on the right arm ^{near the} shoulder. Two bloodstains were lifted ~~and sent for~~ for DNA typing.

Item 9 (WAS 5) consisted of a pair of grey corduroy trousers. They were examined for blood. None was found.

Item 10 (WAS 6) consisted of a pair of white ~~of~~ cotton jeans. ~~Bloodst~~ A bloodstain was found on the front of the left thigh. This was removed for DNA typing.

Items 11 and 12 (WAS 7 and WAS 8) formed a pair of shoes. They were examined for bloodstaining. None was found.

ITEMS ATTRIBUTED TO



Item 13 (JM^c01) consisted of a pair of blue denim jeans. Light bloodstains were found on the front of the right leg.

Item 14 (JM^c02) consisted of a blue and white striped top. Light smears of blood were found on the front. Heavier bloodstains were found on the upper back and on the back of the right sleeve. One of these stains was lifted for DNA typing.

ITEMS ATTRIBUTED TO FORBES

Item 15 (SW1) consisted of a pair pair of black trousers

Item 16 (SW2) consisted of a tan shirt.

Neither item was bloodstained

ITEMS ATTRIBUTED TO HARVEY

Item 28 (MJP1) consisted of a pair of blue denim jeans

Item 29 (MJP2) consisted of a pair of training shoes

Item 30 (MJP3) consisted of a ~~pair~~ black casual jacket

None of these items were bloodstained.

ITEMS ATTRIBUTED TO HOBSON

Item 31 (EM2) consisted of a grey sweater

Item 32 (EM3) consisted of a pair of blue denim jeans.

Item 33 (GW1) consisted of a black leather jacket. It was ~~st~~ stained with mud.

Item 34 (AW2) consisted of a pair of blue denim jeans.

Items 35 and 36 (GW3 and GW3A) formed a pair of training shoes.

Item 37 (GW4) consisted of a grey T-shirt

Item 38 (EM1) consisted of a grey sweater. A minute bloodstain was found on this pullover. It was insufficient for further testing.

Item 39 (EM4) consisted of a black leather jacket.

Apart from the blood on item 38 none of the items attributed to Hobson were bloodstained.

ITEMS ATTRIBUTED TO LUNT

Item 40 (GD4) consisted of a pair of white jeans

Items 41 (GD5) and 42 (GD6) formed a pair of training shoes.

Item 43 (JH1) consisted of a baseball cap

Item 44 (NK1) consisted of a sports top

Item 45 (NK2) consisted of a pair of white jeans

Item 46 (TM1) consisted of a scarf

Items 47 (TM2) ~~was~~ and 48 (TM3) ~~consist~~ formed a pair of training shoes.

Item 49 (TM4) consisted consisted of a pair of white jeans

None of the items from Hunt (Items 40-49) were bloodstained

ITEMS ATTRIBUTED TO ROBINSON

- | | (DPE5) | (DPE6) | |
|---|--------|--------|--|
| Items 50 _n and 51 _n | | | formed formed a pair of boots |
| Item 52 | (EM8) | | consisted of a blue casual jacket |
| Item 53 | (CW1) | | consisted of an a checked shirt |
| Item 54 | (CW2) | | consisted of a pair of striped trousers |
| Item 55 | (CW3) | | consisted of a blue casual jacket |
| Item 56 | (CID1) | | consisted of a pair of boots |
| Item 57 | (CID2) | | consisted of a pair of brown boots |
| Item 58 | (CFD3) | | consisted of a pair of black boots |
| Item 59 | (CFD4) | | consisted of a pair of white shoes |
| Item 60 | (CID5) | | consisted of a pair of suede shoes |
| Item 61 | (CFD6) | | consisted of a pair of training shoes |
| Item 62 | (CFD7) | | consisted of a pair of brown boots |

Item 63 (CID8) consisted of a pair of black shoes.

Item 64 (CID9) consisted of a black right boot.

Items 65 (CID10) and 66 (CID11) formed a pair of ~~trainers~~ training shoes.

Item 67 (CID12) consisted of a black ^{casual} jacket.

Item 68 (CID13) consisted of a black body warmer.

Item 69 (CID14) consisted of a waterproof ~~jacket~~ jacket. Bloodstaining was found on the inside front left of the jacket. A sample of this stain was lifted for DNA typing.

Item 70 (CID15) consisted of a black anorak.

None of these items, ~~apart~~ apart from item 69 was bloodstained.

ITEMS ATTRIBUTED TO MAUREEN MCCOY

Item 71 (DP61) consisted of a dark blue jacket. Bloodstains were found on the right of the collar and the left cuff. A sample from each area was taken for DNA typing.

ITEMS ATTRIBUTED TO ALLEN

(ME2 and ME3)

Items 78 and 79_h formed a pair of training shoes

Item 80 (CEH 10) ~~was~~ consisted of a pair of blue trousers

Item 81 (CEH 11) consisted of a blue round necked pullover.

These items were examined for blood. None was found.

ITEMS ATTRIBUTED TO WOODS

Item 82 consisted of a pair of "Puma" brand shoes.

Item 83 consisted of a dark brown leather jacket

These items were examined for bloodstaining. None was found.

OTHER ITEMS

Item 19 (MAA 6) consisted of a piece of wood and some splinters of wood

Item 20 consisted of a broken piece of wood.

Neither of these items was bloodstained

DNA TYPING RESULTS

DNA typing tests were carried out using a system known as STR Quadruplex 1. This method simultaneously types four independent regions of DNA. The characteristics ~~inherited~~ detected are ~~in~~ inherited and do not change through an individual's lifetime.

Typing tests on material from the right sleeve and right side of the jacket from Hamill (item 1, 5M^cA1), the seat of the jeans from Hamill (item 2, 5M^cA2), the right shoe from Hamill (item 5, 5M^cA6) and the right cuff of the jacket from McCoy (item 71, DPA1) were unsuccessful.

Item	Description	Possible Source	Frequency in U.S.
1	Jacket front right	Unknown person "a"	
2	Jeans left leg	" " " "	
	Jeans right leg	Bridgitt	

The table below summarises the results of the successful tests

Item	Description	Possible Source	Frequency in NZ
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HAMILL

1	Jacket front right	Unknown "a"	1 : 124,000
2	Jeans left leg	Unknown "a"	1 : 124,000
2	Jeans right leg	Bridgitt	1 : 7300

BRIDGITT

8	Shirt right sleeve	Bridgitt	1 : 7300
8	Shirt right sleeve	"	1 : 7300
10	Jeans left thigh	"	1 : 7300



14	Top	Unknown "b"	1 : 7500
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ROBINSON

69	Jacket inside front	Robinson	1 : 17800
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MCCOY

71	Jacket collar	Unknown "b"	1 : 7500
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A ^{detailed} table of the typing results obtained ~~was~~ is attached as an appendix to this report

Lawrence Marshall

APPENDIX TO REPORT

1898/97

Item	Description	FES	THOI	FIBAI	VWA	
1	Jacket front right	10,10	7,9	5,5	14,15	UK 1
2	Jeans left leg	10,10	7,9	5,5	14,15	UK 1
2	Jeans right leg	10,12	7,9	6,7	14,16	Forbes Bridgett
8	Shirt right sleeve	10,12	7,9	6,7	14,16	"
8	" " "	10,12	7,9	6,7	14,16	"
10	Jeans left thigh	10,12	7,9	6,7	14,16	"
14	Top	11,12	8,9.3/10	7,7	14,17	UK 2
69	Jacket front	8,10	6,9.3/10	6,7	14,16	ROBINSON
71	Jacket collar	10,10	7,9	5,5	14,15	UK 1
22	Hammill	11,11	6,9	6,7	18,18	
17	Bridgett	10,12	7,9	6,7	14,16	
18	Forbes	10,11	6,7	6,7	18,19	
72	Robinson	8,10	6,9.3/10	6,7	14,16	
76	Woods	10,11	6,9.3/10	6,6	17,18	
77	Allen	10,10	7,9.3/10	5,6	14,15	

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