



Health
Pathology

Certificate of Analysis
Section 177 Evidence Act 1995

RE: Alleged Murder of Anthony CAWSEY

FASS Ref: FS097769

Police Ref: [REDACTED]

- (1) I, Lisa-Ann WEDERVANG, am employed at the Forensic Biology/DNA Laboratory of the NSW Forensic & Analytical Science Service, Joseph Street, Lidcombe.
- (2) My scientific qualifications are Bachelor of Applied Science from Charles Sturt University and Master of Science (Forensic Science) from Griffith University, Queensland and I have specialised knowledge based on my training, study and experience.
- (3) I acknowledge that I:
- (i) have read the Expert Witness Code of Conduct in Schedule 7 of the NSW Uniform Civil Procedure Rules 2005; and
 - (ii) agree to be bound by the Code.
- (4) The following items were received on:

Tuesday 29 September 2009 from M. TANZINI of the Maroubra Police

1. Reference buccal sample from [REDACTED] 1407 (Barcode No. 52010658)
2. Cigarette - marker 2
3. Mouth swab - Anthony CAWSEY

Thursday 01 October 2009 from the Forensic Science Services Branch with seal numbers 241809 and 240340

4. Section of 'rolly' cigarette
5. Swabs - red cigarette lighter
6. Swab - stain on back of phone cover
7. Swab - stain on inside edge of phone
8. Swab - stain on inside of back of phone
9. Swabs - smudge mark on back of phone cover
10. Swab - stain on left side of back of battery cover
11. Swabs - phone on/off button



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NSW Health Pathology
ABN 49 382 586 535

NSW Forensic & Analytical Science Service
Joseph Street (Weeroona Road entrance), Lidcombe
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Thursday 01 October 2009 from F. FRAME of the State Crime Command

12. Blue trackpants - Anthony CAWSEY
13. Blue shirt - Anthony CAWSEY
14. Black underpants - Anthony CAWSEY
15. Pink and purple underpants - Anthony CAWSEY
16. Penis swab - Anthony CAWSEY
17. Rectal swab - Anthony CAWSEY
18. Left fingernail clippings - Anthony CAWSEY
19. Right fingernail clippings - Anthony CAWSEY
20. Reference blood sample from Anthony CAWSEY

Tuesday 20 October 2009 from K. ANDREWS of the Surry Hills Police

21. Reference buccal sample from [REDACTED] 1362 (Barcode No. 52017655)

Tuesday 20 October 2009 from K. COBBY of the Maroubra Police

22. Reference buccal sample from [REDACTED] 1368 (Barcode No. 52026230)
29. Reference buccal sample from Moses KELLIE (Barcode No. 52026229)

Thursday 22 October 2009 from the Forensic Science Services Branch with seal numbers 224361 and 224880

23. Black handled knife (labelled 'A')
24. Black handled knife (labelled 'B')
25. Black handled knife (labelled 'C')
26. Black handled knife (labelled 'D') from backpack
27. Black handled knife (labelled 'E') from inside drain
28. Knife

Thursday 22 October 2009 from B. LEWIN of the Maroubra Police

30. Belt - Moses KELLIE
31. Jeans - Moses KELLIE

Friday 23 October 2009 from K. COBBY of the Maroubra Police

32. Backpack - Moses KELLIE
33. Watch - Moses KELLIE

Friday 30 October 2009 from the Forensic Science Services Branch with seal numbers 240401 and 240288

34. Swab - stain on \$50 note EM95259146
35. Swab - stain on \$10 note BJ03144392
36. Swab - stain on \$10 note AI06015668
37. Swab - stain on \$10 note AJ02334239
38. Swab - stain on \$5 note GF05039683
39. Swab - stain on \$5 note GI05142216



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40. Swab - stain on \$5 note CM06185003

Wednesday 04 November 2009 from the Forensic Science Services Branch with seal numbers 241663 and 224201

41. Metal folding knife - pond in Centennial Park
 42. Blue handled knife - drain area in Centennial Park
 43. Cutlery knife with flower pattern - drain area in Centennial Park
 44. Butter knife - drain area in Centennial Park

Friday 06 November 2009 from B. LEWIN of the Maroubra Police

45. Black 'Fashion Assassin' jacket
 46. Black hood
 47. Black glove
 48. Black hooded jacket with 'Combined Roofing Solutions' motif

Wednesday 25 November 2009 from B. LEWIN of the Maroubra Police

49. Grey 'Diesel' brand shirt - Moses KELLIE
 50. Left 'Puma' shoe - Moses KELLIE
 51. Right 'Puma' shoe - Moses KELLIE
 52. Grey 'Croquet' brand T-shirt - Moses KELLIE
 53. Two socks - Moses KELLIE
 54. Pair of brown sandals
 55. 'Sportsgirl' brand jeans
 56. 'Timberland' brand sandals
 57. 'Sportgirl' brand jeans size 12
 58. Black shorts
 59. Cargo pants
 60. 'Puma' brand shoe
 61. Beige pants
 62. 'Hawaiian Airlines' lanyard
 63. 'Rusty' brand cap

Wednesday 02 December 2009 from B. LEWIN of the Maroubra Police

64. Green jumper

Thursday 03 December 2009 from R. ALLISON of the Newtown Police

65. Reference buccal sample from [REDACTED] 1366 (Barcode No. 52033561)

Tuesday 08 December 2009 from the Forensic Science Services Branch with seal numbers 240148 and 241804

66. Swabs of wallet - Anthony CAWSEY
 67. Swabs of drivers licence - Anthony CAWSEY

Tuesday 22 December 2009 from M. WILKINS of the Castle Hill Police



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68. Reference buccal sample - DELETED (Barcode No. 52017254)

Thursday 24 December 2009 from R. MONIN of the Parramatta Police

69. Reference buccal sample - DELETED (Barcode No. 52023235)

Monday 04 January 2010 from I. CALVERLEY of the Burwood Police

70. Reference buccal sample from [REDACTED] (Barcode No. 52021127)

Thursday 07 January 2010 from D. GOODWIN of the Dee Why Police

71. Reference buccal sample from [REDACTED] (Barcode No. 52014134)

Thursday 07 January 2010 from A. JUDD of the Maroubra Police

72. Reference buccal sample from [REDACTED] (Barcode No. 52025710)

73. Reference buccal sample from [REDACTED] (Barcode No. 52025714)

74. Reference buccal sample from [REDACTED] (Barcode No. 52025721)

75. Reference buccal sample from [REDACTED] (Barcode No. 52025722)

Friday 08 January 2010 from D. ROSS of the Newtown Police

76. Reference buccal sample from [REDACTED] 1405 (Barcode No. 52033599)

77. Reference buccal sample from [REDACTED] 1365 (Barcode No. 52033597)

78. Reference buccal sample from [REDACTED] 1406 (Barcode No. 52033559)

79. Reference buccal sample from [REDACTED] (Barcode No. 52033596)

80. Reference buccal sample from [REDACTED] 1363 (Barcode No. 52033595)

Tuesday 12 January 2010 from G. DONG of the Kings Cross Police

81. Reference buccal sample from [REDACTED] (Barcode No. 52019708)

Wednesday 20 January 2010 from M. JORDAN of the Maroubra Police

82. Reference buccal sample from [REDACTED] (Barcode No. 52026578)

83. Reference buccal sample from [REDACTED] (Barcode No. 52026579)

Friday 29 January 2010 from TNT Failsafe Couriers with consignment note number F315536 and seal number 606802

84. Black handled knife - Moses KELLIE

85. Black handled knife - Moses KELLIE

Thursday 04 February 2010 from R. MONIN of the Parramatta Police

86. Reference buccal sample from [REDACTED] 1354 (Barcode No. 52022950)

87. Reference buccal sample from [REDACTED] (Barcode No. 52022951)

Friday 05 February 2010 from R. ALLISON of the Newtown Police



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88. Reference buccal sample from [REDACTED] (Barcode No. 52033708)

Tuesday 09 February 2010 from V. SAROSI of the Gladesville Police

89. Reference buccal sample from [REDACTED] (Barcode No. 52016806)

Thursday 11 February 2010 from M. ROBINSON of the Maroubra Police

90. Reference buccal sample from [REDACTED] (Barcode No. 52026594)

91. Reference buccal sample from [REDACTED] (Barcode No. 52026595)

92. Reference buccal sample from [REDACTED] (Barcode No. 52026589)

Friday 12 February 2010 from R. NEWITT of the Marrickville Police

93. Reference buccal sample from [REDACTED] (Barcode No. 52023878)

Wednesday 17 February 2010 from K. CASEY of the Redfern Police

94. Reference buccal sample from [REDACTED] (Barcode No. 52034002)

Thursday 18 February 2010 from R. MONIN of the Parramatta Police

95. Reference buccal sample from [REDACTED] (Barcode No. 52022966)

Thursday 18 February 2010 from G. COOK of the Redfern Police

96. Reference buccal sample from [REDACTED] (Barcode No. 52034199)

Thursday 18 February 2010 from R. ALLISON of the Newtown Police

97. Reference buccal sample from [REDACTED] (Barcode No. 52033720)

Thursday 04 March 2010 from R. MONIN of the Parramatta Police

98. Reference buccal sample from [REDACTED] (Barcode No. 52022982)

Thursday 11 March 2010 from M. JORDAN of the Maroubra Police

99. Reference buccal sample from [REDACTED] (Barcode No. 52025747)

100. Reference buccal sample from [REDACTED] (Barcode No. 52025734)

101. Reference buccal sample from [REDACTED] (Barcode No. 52025733)

102. Reference buccal sample from [REDACTED] (Barcode No. 52025732)

103. Reference buccal sample from [REDACTED] (Barcode No. 52025729)

104. Reference buccal sample from [REDACTED] (Barcode No. 52025728)

105. Reference buccal sample from [REDACTED] (Barcode No. 52025741)

106. Reference buccal sample from [REDACTED] (Barcode No. 52025740)

107. Reference buccal sample from [REDACTED] (Barcode No. 52025746)

Friday 12 March 2010 from K. CASEY of the Redfern Police

108. Reference buccal sample from [REDACTED] (Barcode No. 52034164)



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109. Reference buccal sample from [REDACTED] (Barcode No. 52034178)

Monday 15 March 2010 from A. POTTER of the Blacktown Police

110. Reference buccal sample from [REDACTED] (Barcode No. 52024250)

Wednesday 17 March 2010 from B. CALLARY of the Surry Hills Police

111. Reference buccal sample from [REDACTED] (Barcode No. 52035395)

Thursday 18 March 2010 from E. DAVIS of the Macquarie Fields Police

112. Reference buccal sample from [REDACTED] (Barcode No. 52021935)

Thursday 18 March 2010 from R. ALLISON of the Newtown Police

113. Reference buccal sample from [REDACTED] (Barcode No. 52033735)

Friday 19 March 2010 from S. McWILLIAM of the Campbelltown Police

114. Reference buccal sample from [REDACTED] (Barcode No. 52022299)

Wednesday 24 March 2010 from B. HERK of the Manly Police

115. Reference buccal sample - DELETED (Barcode No. 52014781)

Wednesday 24 March 2010 from S. MURPHY of the City Central Police

116. Reference buccal sample from [REDACTED] (Barcode No. 52021679)

Wednesday 24 March 2010 from M. DENNER of the Cabramatta Police

117. Reference buccal sample from [REDACTED] (Barcode No. 52026352)

Thursday 25 March 2010 from C. CORREIA of the Macquarie Fields Police

118. Reference buccal sample from [REDACTED] (Barcode No. 52035425)

Friday 26 March 2010 from Q. BUI of the Cabramatta Police

119. Reference buccal sample from [REDACTED] (Barcode No. 52026355)

Friday 26 March 2010 from TNT Failsafe Couriers with consignment note number F323796 and seal number 648139

120. Reference buccal sample from [REDACTED] (Barcode No. 52025966)

Monday 29 March 2010 from J. MALJEVAC of the Maroubra Police

121. Reference buccal sample from [REDACTED] (Barcode No. 52026151)

122. Reference buccal sample from [REDACTED] (Barcode No. 52026200)



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123. Reference buccal sample from [REDACTED] (Barcode No. 52026198)
124. Reference buccal sample from [REDACTED] (Barcode No. 52026199)
125. Reference buccal sample from [REDACTED] (Barcode No. 52026152)
126. Reference buccal sample from [REDACTED] (Barcode No. 52026187)
127. Reference buccal sample from [REDACTED] (Barcode No. 52026185)
128. Reference buccal sample from [REDACTED] (Barcode No. 52026184)
129. Reference buccal sample from [REDACTED] (Barcode No. 52026183)
130. Reference buccal sample from [REDACTED] (Barcode No. 52026182)
131. Reference buccal sample from [REDACTED] (Barcode No. 52026188)
132. Reference buccal sample from [REDACTED] (Barcode No. 52026180)
133. Reference buccal sample from [REDACTED] (Barcode No. 52026179)
134. Reference buccal sample from [REDACTED] (Barcode No. 52026176)
135. Reference buccal sample from [REDACTED] (Barcode No. 52026177)
136. Reference buccal sample from [REDACTED] (Barcode No. 52026197)
137. Reference buccal sample from [REDACTED] (Barcode No. 52026196)
138. Reference buccal sample from [REDACTED] (Barcode No. 52026194)
139. Reference buccal sample - DELETED (Barcode No. 52026193)
140. Reference buccal sample from [REDACTED] (Barcode No. 52026192)
141. Reference buccal sample from [REDACTED] (Barcode No. 52026191)

Tuesday 30 March 2010 from TNT Failsafe Couriers with consignment note number F166178 and seal number 646680

142. Reference buccal sample from [REDACTED] (Barcode No. 52034652)
143. Reference buccal sample from [REDACTED] (Barcode No. 52034653)

Tuesday 30 March 2010 from A. BARNES of the Fairfield Police

144. Reference buccal sample from [REDACTED] (Barcode No. 52022615)

Wednesday 31 March 2010 from K. GAUCI of the Bankstown Police

145. Reference buccal sample from [REDACTED] (Barcode No. 52022868)

Thursday 01 April 2010 from L. HILL of the Parramatta Police

146. Reference buccal sample from [REDACTED] (Barcode No. 52023000)
147. Reference buccal sample from [REDACTED] (Barcode No. 52022992)

Wednesday 07 April 2010 from TNT Failsafe Couriers with consignment note number F297697 and seal number 683403

148. Reference buccal sample from [REDACTED] (Barcode No. 52033764)

Thursday 22 April 2010 from J. LANDON of the Chatswood Police

149. Reference buccal sample from [REDACTED] (Barcode No. 52020030)



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Tuesday 04 May 2010 from S. CHALK of the Maroubra Police

- 150. Reference buccal sample from [REDACTED] (Barcode No. 52026171)
- 151. Reference buccal sample from [REDACTED] (Barcode No. 52019445)
- 152. Reference buccal sample from [REDACTED] (Barcode No. 52019446)
- 153. Reference buccal sample from [REDACTED] (Barcode No. 52026172)
- 154. Reference buccal sample from [REDACTED] (Barcode No. 52026161)
- 155. Reference buccal sample from [REDACTED] (Barcode No. 52026160)
- 156. Reference buccal sample from [REDACTED] (Barcode No. 52026163)
- 157. Reference buccal sample from [REDACTED] (Barcode No. 52026165)
- 158. Reference buccal sample from [REDACTED] (Barcode No. 52026162)
- 159. Reference buccal sample from [REDACTED] (Barcode No. 52026186)
- 160. Reference buccal sample from [REDACTED] (Barcode No. 52019444)
- 161. Reference buccal sample from [REDACTED] (Barcode No. 52026157)
- 162. Reference buccal sample from [REDACTED] (Barcode No. 52026159)
- 163. Reference buccal sample from [REDACTED] (Barcode No. 52026153)
- 164. Reference buccal sample from [REDACTED] (Barcode No. 52026158)

Thursday 13 May 2010 from J. ANNEVELD of the Maroubra Police

- 165. Reference buccal sample from [REDACTED] (Barcode No. 52025737)

Thursday 20 May 2010 from J. ANNEVELD of the Maroubra Police

- 166. Reference buccal sample from [REDACTED] (Barcode No. 52025742)
- 167. Reference buccal sample from [REDACTED] (Barcode No. 52025743)

Thursday 03 June 2010 from the Forensic Science Services Branch with seal numbers 241052 and 241048

- 168. Swabs - small resealable plastic bag

Wednesday 09 June 2010 from S. HACK of the Gladesville Police

- 169. Reference buccal sample from [REDACTED] (Barcode No. 52021597)

Wednesday 16 June 2010 from A. WILLSON of the Windsor Police

- 170. Reference buccal sample from [REDACTED] (Barcode No. 52022516)

Monday 21 June 2010 from K. PIGGOTT of the Bankstown Police

- 171. Reference buccal sample from [REDACTED] (Barcode No. 52022895)

Wednesday 23 June 2010 from P. HAWKINS of the Chatswood Police

- 172. Reference buccal sample from Benjamin [REDACTED] (Barcode No. 52020014)

Wednesday 23 June 2010 from P. QUICK of the Hornsby Police

- 173. Reference buccal sample from [REDACTED] (Barcode No. 52021613)



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Wednesday 23 June 2010 from C. ATTARD of the Cabramatta Police

174. Reference buccal sample from [REDACTED] (Barcode No. 52026346)

Friday 25 June 2010 from J. HAMMOND of the Gladesville Police

175. Reference buccal sample from [REDACTED] (Barcode No. 52021596)

Monday 28 June 2010 from S. CAMPBELL of the Manly Police

176. Reference buccal sample from [REDACTED] (Barcode No. 52014794)

Tuesday 29 June 2010 from P. O'BRIEN of the Gladesville Police

177. Reference buccal sample from [REDACTED] (Barcode No. 52021592)

Wednesday 30 June 2010 from K. CASEY of the Redfern Police

178. Reference buccal sample from [REDACTED] (Barcode No. 52028351)

Tuesday 06 July 2010 from D. SINNOTT of the Mascot Police

179. Reference buccal sample from [REDACTED] (Barcode No. 52021382)

Friday 09 July 2010 from F. FRAME of the State Crime Command

- 180. Hair band - Anthony CAWSEY
- 181. Baseball cap - Anthony CAWSEY
- 182. Sleeping bag

Friday 09 July 2010 from M. HAMILTON of the Ashfield Police

183. Reference buccal sample from [REDACTED] (Barcode No. 52020677)

Wednesday 14 July 2010 from G. ATANASOVSKI of the St George Police

184. Reference buccal sample from [REDACTED] (Barcode No. 52032612)

Friday 16 July 2010 from S. McWILLIAM of the Campbelltown Police

185. Reference buccal sample from [REDACTED] (Barcode No. 52021970)

Thursday 29 July 2010 from T. BREWIN of the Blacktown Police

- 186. Reference buccal sample from [REDACTED] (Barcode No. 52023385)
- 187. Reference buccal sample from [REDACTED] (Barcode No. 52023386)

Friday 30 July 2010 from R. LLOYD of the Chatswood Police

188. Reference buccal sample from [REDACTED] (Barcode No. 52020013)

Tuesday 17 August 2010 from A. HEDDLE of the Hurstville Police

189. Reference buccal sample from [REDACTED] (Barcode No. 52019928)



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Thursday 16 September 2010 from the Forensic Science Services Branch with seal numbers 241369 and 241471

- 190. Swabs - mouth of coke bottle
- 191. Swabs - torch
- 192. Swabs - 'AA' batteries
- 193. Swabs - edge and centre of CD
- 194. Swabs - membership card

Monday 27 September 2010 from L. GRAHAM of the Manly Police

- 195. Reference buccal sample from [REDACTED] (Barcode No. XPS00002661)

Friday 27 August 2010 from K. MILLER of the Forensic Procedures Information Team

- 196. Reference DNA profile from [REDACTED] (Sample - FPIT 168)

Tuesday 01 December 2015 from Toll Priority Couriers with consignment note number L000NAT4Z9 and seal number 123018816354

- R1. XF000484327 Swab from X0002882118
- R2. XF000484328 Swab from X0002882119
- R3. XF000484329 Swab from X0002882120
- R4. XF000484330 Swab from X0002882121
- R5. XF000484331 Swatch from X0002876778
- R6. XF000484332 Swatch from front right pocket of X0002876779

The following reference sample(s) were received on:

Thursday 06 September 2001 from D. HOLDER of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62041672)

Tuesday 24 September 2002 from P. ALLISON of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62061773)

Friday 13 May 2005 from N. HANNA of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62087252)

Tuesday 30 August 2005 from K. SWINDAIL of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62144118)

Wednesday 22 February 2006 from K. KOBZAN of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62158140)

Monday 03 April 2006 from S. HUGGINS of the Ashfield Police

Buccal sample from [REDACTED] (Barcode No. 62068168)



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Thursday 28 September 2006 from R. STEPHENS of the Forensic Procedures Implementation Team

Buccal sample from [REDACTED] (Barcode No. 62192087)

Friday 09 March 2007 from P. THIERJUNG of the Leichhardt Police

Buccal sample from [REDACTED] (Barcode No. 62159024)

Thursday 05 March 2009 from R. GREY of the St Marys Police

Buccal sample from [REDACTED] (Barcode No. 52007136)

Tuesday 20 April 2010 from TNT Failsafe Couriers with consignment note number F318824 and seal number 683407

Buccal sample from [REDACTED] (Barcode No. 52033768)

Wednesday 04 August 2010 from R. ALLISON of the Newtown Police

Buccal sample from [REDACTED] (Barcode No. 52033641)

Wednesday 03 April 2013 from TNT Failsafe Couriers with consignment note number 980090753174 and seal number 704234

Buccal sample from [REDACTED] (Barcode No. XPS00020489)

Friday 09 October 2015 from Toll Priority Couriers with consignment note number M1100903SRCAA1

Buccal sample from Moses KELLIE (Barcode No. XPS00050083)

(5) Based on my specialised knowledge I can report as follows:

DNA testing was carried on each of the reference samples and the DNA profiles recovered were used for comparison purposes.

Item No	Item Description	Biological Fluid Testing	Results
2	Cigarette - marker 2		
2i	Unstained area on filter		The partial DNA profile recovered has the same profile as Anthony CAWSEY.
2ii	Stained area	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY. It is greater than 100 billion times more likely to obtain this profile if it originates from Anthony CAWSEY rather than from an unknown, unrelated individual in the Australian population.
3	Mouth swab - Anthony CAWSEY	Semen not detected. Positive screening test for blood.	DNA testing was not carried out.



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4	Section of 'rolly' cigarette	Blood not detected.	The DNA recovered is a mixture that appears to originate from two individuals (unknown male 'A' and unknown male 'B'). Each individual with a valid reference sample listed in this report is excluded as a contributor to this mixture.
5	Swabs - red cigarette lighter	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY. It is greater than 14 million times more likely to obtain this profile if it originates from Anthony CAWSEY rather than from an unknown, unrelated individual in the Australian population. Traces of DNA from at least one other individual were also recovered but at levels too low for further interpretation.
6	Swab - stain on back of phone cover	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY.
7	Swab - stain on inside edge of phone	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY.
8	Swab - stain on inside of back of phone	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY.
9	Swabs - smudge mark on back of phone cover	Positive screening test for blood.	The partial DNA profile recovered has the same profile as Anthony CAWSEY.
10	Swab - stain on left side of back of battery cover	Positive screening test for blood.	The DNA recovered has the same profile as Anthony CAWSEY.
11	Swabs - phone on/off button	Blood not detected.	The partial DNA profile recovered has the same profile as Anthony CAWSEY.
12	Blue trackpants - Anthony CAWSEY	Positive screening test for blood. Semen not detected.	The DNA profiles recovered from four areas each have the same profile as Anthony CAWSEY. Traces of DNA from at least one other individual were also recovered from one of these areas but at levels too low for further interpretation.
13	Blue shirt - Anthony CAWSEY	Positive screening test for blood.	The DNA profiles recovered from two areas each have the same profile as Anthony CAWSEY. Traces of DNA from at least one other individual were also recovered from one of these areas but at levels too low for further interpretation.
14	Black underpants - Anthony CAWSEY	Positive screening test for blood. Semen detected.	The DNA recovered is a mixture that appears to originate from two individuals. Anthony CAWSEY and an unknown male (individual 'C') cannot be excluded as the contributors to this mixture. Each individual with a valid reference sample listed in this report is excluded as a contributor to this mixture.



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15	Pink and purple underpants - Anthony CAWSEY	Positive screening test for blood. Semen not detected.	The DNA profiles recovered from three areas each have the same profile as Anthony CAWSEY.
16	Penis swab - Anthony CAWSEY	Positive screening test for blood. Semen detected.	The partial DNA profile recovered has the same profile as Anthony CAWSEY.
17	Rectal swab - Anthony CAWSEY	Semen detected.	The partial DNA profile recovered has the same profile as Anthony CAWSEY.
18	Left fingernail clippings - Anthony CAWSEY	Positive screening test for blood.	The DNA recovered from each of the five left fingernail clippings has the same profile as Anthony CAWSEY.
19	Right fingernail clippings - Anthony CAWSEY	Positive screening test for blood.	The DNA recovered from each of the five right fingernail clippings has the same profile as Anthony CAWSEY.
20	Reference blood sample from Anthony CAWSEY		A DNA profile was recovered.
23	Black handled knife (labelled 'A')	Blood not detected.	DNA testing was not carried out.
24	Black handled knife (labelled 'B')	Blood not detected.	DNA testing was not carried out.
25	Black handled knife (labelled 'C')	Blood not detected.	DNA testing was not carried out.
26	Black handled knife (labelled 'D') from backpack	Positive screening test for blood.	DNA testing on three areas was unsuccessful.
27	Black handled knife (labelled 'E') from inside drain	Blood not detected.	DNA testing was not carried out.
28	Knife	Blood not detected.	DNA testing was not carried out.
30	Belt - Moses KELLIE	Blood not detected.	DNA testing was not carried out.
31	Jeans - Moses KELLIE	Blood not detected.	DNA testing was not carried out.
32	Backpack - Moses KELLIE	Blood not detected.	DNA testing was not carried out.
33	Watch - Moses KELLIE	Blood not detected.	DNA testing was not carried out.
34	Swab - stain on \$50 note EM95259146	Positive screening test for blood.	The partial DNA profile recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).



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35	Swab - stain on \$10 note BJ03144392	Blood not detected.	DNA testing was not carried out.
36	Swab - stain on \$10 note AI06015668	Blood not detected.	DNA testing was not carried out.
37	Swab - stain on \$10 note AJ02334239	Blood not detected.	DNA testing was not carried out.
38	Swab - stain on \$5 note GF05039683	Blood not detected.	DNA testing was not carried out.
39	Swab - stain on \$5 note GI05142216	Positive screening test for blood.	The partial DNA profile recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).
40	Swab - stain on \$5 note CM06185003	Positive screening test for blood.	DNA testing was unsuccessful.
41	Metal folding knife - pond in Centennial Park	Blood not detected.	DNA testing was unsuccessful.
42	Blue handled knife - drain area in Centennial Park		Not examined.
43	Cutlery knife with flower pattern - drain area in Centennial Park		Not examined.
44	Butter knife - drain area in Centennial Park		Not examined.
45	Black 'Fashion Assassin' jacket	Positive screening test for blood.	The DNA profiles recovered from four stained areas each have the same profile as Moses KELLIE (Barcode No. XPS00050083).
46	Black hood	Blood not detected.	DNA testing was not carried out.
47	Black glove	Blood not detected.	DNA testing was not carried out.
48	Black hooded jacket with 'Combined Roofing Solutions' motif	Positive screening test for blood.	The DNA profiles recovered from two stained areas each have the same profile as Moses KELLIE (Barcode No. XPS00050083).
49	Grey 'Diesel' brand shirt - Moses KELLIE		
49i	Centre of front (area i)	Positive screening test for blood.	The DNA partial DNA profile recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).
49ii	Centre of front (area ii)	Positive screening test for blood.	A partial DNA profile was recovered. Due to the low level of DNA, further interpretation has not been carried out.
49iii	Centre of front (area iii)	Positive screening test for blood.	DNA testing was unsuccessful.



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49iv	Inside neck (area iv)		The DNA recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).
50	Left 'Puma' shoe - Moses KELLIE	Blood not detected.	A partial DNA profile was recovered. Due to the low level of DNA, further interpretation has not been carried out.
51	Right 'Puma' shoe - Moses KELLIE	Blood not detected.	DNA testing was unsuccessful.
52	Grey 'Croquet' brand T-shirt - Moses KELLIE		The DNA profiles recovered from three areas each have the same profile as Moses KELLIE (Barcode No. XPS00050083).
53	Two socks - Moses KELLIE	Blood not detected.	
53i	Inside ball of foot area of navy blue and white sock		A partial DNA profile was recovered. Due to the low level of DNA, further interpretation has not been carried out.
53ii	Inside heel area of black and white sock		The DNA recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).
54	Pair of brown sandals	Blood not detected.	DNA testing was not carried out.
55	'Sportsgirl' brand jeans	Blood not detected.	DNA testing was not carried out.
56	'Timberland' brand sandals	Blood not detected.	DNA testing was not carried out.
57	'Sportgirl' brand jeans size 12	Blood not detected.	DNA testing was not carried out.
58	Black shorts	Blood not detected.	DNA testing was not carried out.
59	Cargo pants	Blood not detected.	DNA testing was not carried out.
60	'Puma' brand shoe	Blood not detected.	DNA testing was not carried out.
61	Beige pants	Blood not detected.	DNA testing was not carried out.
62	'Hawaiian Airlines' lanyard	Blood not detected.	DNA testing was not carried out.
63	'Rusty' brand cap	Blood not detected.	DNA testing was not carried out.
64	Green jumper	Blood not detected.	DNA testing was not carried out.
66	Swabs of wallet - Anthony CAWSEY	Blood not detected.	The DNA recovered has the same profile as Anthony CAWSEY. Traces of DNA from at least one other individual were also recovered but at levels too low for further interpretation.
67	Swabs of drivers licence - Anthony CAWSEY	Blood not detected.	DNA testing was unsuccessful.



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84	Black handled knife - Moses KELLIE		Not examined.
85	Black handled knife - Moses KELLIE		Not examined.
168	Swabs - small resealable plastic bag		A partial DNA profile that originates from more than one individual was recovered. Due to the low level of DNA, further interpretation has not been carried out.
180	Hair band - Anthony CAWSEY	Positive screening test for blood.	This item is unsuitable for trace DNA testing.
181	Baseball cap - Anthony CAWSEY		The DNA recovered has the same profile as Anthony CAWSEY.
182	Sleeping bag		Not examined.
190	Swabs - mouth of coke bottle		DNA testing was unsuccessful.
191	Swabs - torch	Blood not detected.	The DNA recovered has the same profile as Moses KELLIE (Barcode No. XPS00050083).
192	Swabs - 'AA' batteries		DNA testing was unsuccessful.
193	Swabs - edge and centre of CD	Blood not detected.	DNA testing was unsuccessful.
194	Swabs - membership card	Blood not detected.	DNA testing was unsuccessful.
R1	XF000484327 Swab from X0002882118		DNA testing was unsuccessful.
R2	XF000484328 Swab from X0002882119		DNA testing was unsuccessful.
R3	XF000484329 Swab from X0002882120		DNA testing was unsuccessful.
R4	XF000484330 Swab from X0002882121		DNA testing was unsuccessful.
R5	XF000484331 Swatch from X0002876778		The DNA recovered is a mixture that originates from more than one individual. Due to the low level of DNA, further interpretation has not been carried out.
R6	XF000484332 Swatch from front right pocket of X0002876779		The DNA recovered is a mixture that originates from more than one individual. The major component of this mixture has the same profile as Moses KELLIE (Barcode No. XPS00050083). Due to the low level and complexity of the minor component, further interpretation has not been carried out.



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(6) See the attached appendix for important information.

(7) Other scientific staff have assisted with the analysis and processing of items from this case.

Biologist's Signature: [Handwritten Signature]

Date: 18/4/2016



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