

MOD-83-000026-A

SUPPLEMENTARY WITNESS STATEMENT

(CJ Act 1967, s.9 MC Act 1980, ss.5A(3)(a) and 5B; MC Rules 1981, r.70)

Statement of Anthony Peter Brian LARKIN BSc MSc (Hons)

Age if under 18 Over 18 (if over 18 insert 'over 18') Occupation: Forensic Scientist – Lead Scientist, Evidence Recovery Unit

This statement, consisting of 2 pages each signed by me, is true to the best of my knowledge and belief and I make it knowing that, if it is tendered in evidence, I shall be liable to prosecution if I have wilfully stated anything in it, which I know to be false, or do not believe to be true.

Signature:

Date: 19 August 2005

Note

This statement should be read in conjunction with my previous statements dated, 1 July 2004 and 19 August 2004.

Qualifications and Experience

I hold a Bachelor of Science Degree with a double major in Biochemistry and Cellular and Molecular Biology and also a Master of Science Degree, with Honours, in Forensic Science, both obtained from the University of Auckland, New Zealand. I hold a diploma of Bloodstain Evidence Interpretation achieved from Swinburne University of Technology, Melbourne, Australia. I have been a Forensic Scientist for over eight years, working between 1997 and 2001, for the Institute of Environmental Science and Research Limited, New Zealand. Between June 2001 and November 2004, I was employed as a Senior Reporting Forensic Scientist by Forensic Alliance Limited. In December 2004, the Metropolitan Police Authority employed me as Lead Scientist of the Evidence Recovery Unit. During these times, I have been to several hundred crime scenes and have encountered the evidence types involved in this case on numerous occasions.

Royal Military Police Reference: 64658/03

Purpose of this Statement

I have been asked to provide details on apparent differences in the DNA paternity calculations presented in my statement dated 1 July 2004 and those reported in a statement, dated 30 June 2005, prepared by Matthew GREENHALGH.

Signature:

Signature witnessed by:

Continuation of Statement of **Anthony Peter Brian LARKIN**

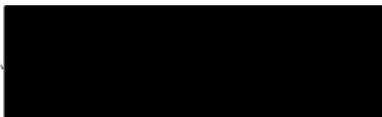
I have been provided with a copy of Matthew GREENHALGH's statement dated 30 June 2005.

During the course of the examination of this case I considered whether blood located on the butt of a rifle, item S0042, could have originated from the legitimate offspring of Jasm IL MAHAMADAWI and Abdullah MANAA. The DNA results obtained from this bloodstaining were consistent with this scenario.

I then asked Matthew GREENHALGH to assist me in determining a calculation as to express the significance of this result using DNA profiling databases. During this a likelihood ratio of 20 million was obtained. I understand that this result was based on Caucasian population databases.

I understand that Matthew GREENHALGH was later asked to report the results of the calculation in a statement. It was decided that in the absence of a specific DNA Database for Iraqi DNA profile frequencies, that the most conservative value should be reported from three major ethnic databases. I understand that this calculation indicates that the DNA results are 4 million times more likely if the bloodstain tested is from the offspring of Jasm IL MAHAMADAWI and Abdullah MANAA, than if they were unrelated.

Signature:



Signature witnessed by:

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