

Section 8 **Data Analysis and Report**

8.1 Independent Analysis/Review of Data

All analysis performed within the Latent Evidence Section will be independent and conclusions based on scientifically sound premises. The Section adopts the following concept:

An identification is effected when a sufficient number of unique identifying characteristics are present in both the known and questioned impressions without any unexplained differences.

There is no scientific basis for requiring a minimum number of identifying characteristics in order to effect a positive identification.

8.2 Tolerance Limits for Matches

8.2.1 All friction ridge identifications will be independently reviewed by a second qualified latent impressions analyst. The reviewing analyst will initial the case notes. Both analysts must agree on the interpretation of the data to be reported.

8.2.2 All questioned footwear impression identifications and/or non-identifications must be verified by another qualified footwear analysts.

8.2.3 All questioned tire track impression identifications and/or non-identifications must be verified by another qualified tire track analysts.

8.2.4 All other questioned impression identifications must be verified by another qualified analysts.

8.3 Report Writing and Review

8.3.1 Lab reports will be issued on all latent impression examinations.

8.3.2 Review of Reports

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All lab reports will be reviewed by appropriately designated personnel.

See **Appendix F** for approved statement of results.

8.4 Case Statistical Reports

A Latent Evidence weekly caseload statistics report will be submitted to the section secretary at the end of each week or the last working day by the individual analyst. This information will be compiled each week by the secretary and distributed to the Special Agent In Charge and the SBI Laboratory Assistant Director's Office.

See **Appendix G** for approved statement of results.

Issue Date: _____ Supersedes: _____

Prepared By: _____ Date: _____

Approved By: _____ Date: _____

Originating Unit: _____