

Sample Forensic Examination Worksheet

Characterization and Evaluation of Fired Projectiles

(Shotshell Projectiles)

(wadding, pellets, buckshot, slugs, buffer material)

Lab File No.: _____

Examiner: _____

Administrative

Lab File No.		Packaging	
Examiner		Condition	
Item No.		Type of Seal	
Received From		Condition	
Date		Markings	
Received By		Released To	
Date		Date	

(Insert or attach digital images / photographs of both the exterior packaging, as received, and of the unopened evidence container.)

Trace Evidence

Trace Exams Requested	
Trace Examiner(s)	
Trace Evidence Observed	

(Insert or attach a digital image / photograph of trace material in place.)

Initials: _____

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Marking of Evidence

Marked	
Location	
Previous Marks	
Location	
Other Marks	
Location	

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Wadding Materials

(Insert or attach digital image/photograph of item here)

Base measurable?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Measured base diameter		
Gauge indicated by measured diameter		
Composition (e.g., card, fiber, plastic, etc.)		
Color		
Manufacturer/marketer consistent with		
Laboratory known comparison standard or other evidence item used as standard		
Useful shot impressions or wadding?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Range of shot sized indicted by above (if possible to determine)		
Striae present on edge of wadding?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Sufficient for comparison purposes?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Identification made?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

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Shot Pellets / Buckshot

(Insert or attach digital image/photograph of items here)

Number of shot pellets received	
Composition of pellets	
Total number of pellets suitable for weighing by type (if multiple types are present)	
Total weight of above pellets	
Computed average weight of the above pellets	
Shot size(s) indicated by weight (See Table 1, Appendix G, AFTE Glossary)	
Number of pellets suitable for measuring	
Diameters indicated by measurement	
Computed average diameter	
Shot size(s) indicated by pellet diameters (See Table 1, Appendix G, AFTE Glossary)	

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Shotgun Slugs

(Insert or attach digital image/photograph of item here)

Dimensional data	
Base type	
Weight (ounces)	
Composition	
Manufacturer / marketer consistent with Laboratory known comparison standard or other evidence item used as a standard	
Striae present on slug?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Sufficient for comparison purposes?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Identification made?	Yes <input type="checkbox"/> No <input type="checkbox"/>

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(Insert or attach digital image/photograph of comparison here)

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Buffer Material

(Insert or attach digital image/photograph of item here)

Physical characteristics	
Instrumental analysis performed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Results of instrumental analysis	
Manufacturer / marketer consistent with	
Laboratory known comparison standard of other evidence item used as standard	

Quality Control/Verification initials/signature

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Initials: _____