

Sample Forensic Examination Worksheet

Characterization and Evaluation of Fired Projectiles
(Class Characteristics)

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.)

Initials: _____

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Trace Evidence

Trace Exams Requested	
Trace Examiner(s)	
Trace Evidence Observed	

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

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Marking of Evidence

Marked	
Location	
Previous Marks	
Location	
Other Marks	
Location	

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Physical Features

Weight (grains)	
Length	
Magnetic or special properties	
Bullet color	
Bullet composition (e.g., jacket and core materials or solid bullet material)	
Coating (e.g., copper wash, brass wash, plating, Teflon, Nyclad, oxide, etc.)	
Bullet jacket type (e.g., full metal jacket, semijacketed, total metal jacket, no jacket, etc.)	
Proprietary jacket / bullet design	
Base construction (e.g., solid, boattail, gas check, open, etc.)	
Base shape (e.g., flat, stepped, concave, convex, conical, etc.)	
Nose construction (e.g., soft point, jacketed hollow point, semi-jacketed hollow point, metal point, etc.)	
Nose shape (e.g., round, conical, spitzer, flat nosed, wadcutter, semiwadcutter, truncated, etc.)	

(Insert or attach digital images/photograph/sketches of the bullet and of nose and base cross-sections here)

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Cannelure(s), type and location above base	
Reloading marks present?	
Manufacturer / marketer	
Possible cartridge types represented	

General Rifling Characteristics

Measured caliber	
Direction of twist	
Number of land impressions visible	
Number of land impressions measurable	
Land impression measurements (Land width dimension / LWD)	
Number of groove impressions visible	
Number of groove impressions measurable	
Groove impression measurements (Groove width dimension / GWD)	
Caliber computed from GRCs (if necessary, due to mutilation)	
Computation	

(Attach printout or photocopy of GRC File search here)

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Other Effects Due to Firing

Damage / mutilation / deformation	
Adhering gunpowder / impressions present	
Flared base	
Skid marks / slippage	
Shave marks	

(Insert or attach digital image/photograph/sketch of bullet here)

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Evaluation of Potential for Microscopic Comparisons

Character of microscopic marks present

Sufficient microscopic marks present for comparison purposes

Microscopic marks present but insufficient for comparison purposes

No microscopic marks present

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[Link to Sample Report.pdf](#)

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