

Official Report



Division of Forensic Sciences
Georgia Bureau of Investigation
State of Georgia

Headquarters
DOFS Case #: 2023-1001893
Report Date: 01/23/2023

Cleveland Miles
Deputy Director

ANAB Accredited ISO/IEC 17025
Testing Laboratory



Requested Service: Gunshot Residue

Agency: GBI-Reg. 10-Conyers
Agency Ref#: 1001703423
Requested by: Andrew Still

Case Individuals:

Subject: Manuel Esteban Paez Teran

Evidence:

On 01/20/2023, the laboratory received the following evidence from the GBI-Reg. 10-Conyers.
2023-1001893-003 Sealed GSR collection kit identified as containing samples from the hands of Manuel E Paez Teran (BB12338)

Results and Conclusions:

CONCLUSIONS:

Examination of item 3 revealed the presence of particles characteristic of gunshot primer residue (GSR). This supports the possibility that the individual discharged a firearm, was in close proximity to a firearm upon discharge, or came into contact with an item whose surface bears GSR.

It should be noted that it is possible for victims of gunshot wounds, both self-inflicted and non self-inflicted, to have GSR present on their hands.

RESULTS:

Item 3 was examined for the presence of particles characteristic of GSR. Particles that are characteristic of GSR are single, discrete, microscopic particles, molten in morphology, that contain the elements lead, barium, and antimony. Such particles are residue from a detonated primer of a discharged firearm.

Examination of item 3 revealed more than five particles characteristic of GSR.

METHODS OF ANALYSIS:

Item 3 was examined by scanning electron microscopy/energy dispersive x-ray spectroscopy (SEM/EDS) and analyzed for elemental composition and particle morphology.

Only those items discussed in the results above were analyzed for this report. The above represents the interpretations/opinions of the undersigned analyst. Unless noted above, evidence analyzed in this report will be returned to the submitting agency. Biological evidence (body fluids and tissues) and proof determination evidence will be destroyed after one year. This report may not be reproduced except in full without written permission of the laboratory.

Technical notes and data supporting the conclusions and findings in this report are maintained within the laboratory case records.

This case may contain evidence that must be preserved in accordance with O.C.G.A. § 17-5-56.



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Related Agencies:

Stone Mountain Judicial Circuit
GSP-Internal Affairs
DeKalb Co. District Attorney
GSP-Headquarters

End of Official Report