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.
Related Agencies:

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

End of Official Report

Signature:

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

Case Individuals:
Subject: Brylend Myers
Subject: Jared Parrish
Subject: Jonathan Salcedo
Subject: Manuel Esteban Paez Teran
Subject: Mark Lamb
Subject: Rolaldo Kegel
Subject: Royce Zah

Evidence:
On 01/20/2023, the laboratory received the following evidence from the GBI-Reg. 10-Conyers.

<table>
<thead>
<tr>
<th>Evidence Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023-1001893-001</td>
<td>Sealed package containing a 9mm bullet (BB12333)</td>
</tr>
<tr>
<td>2023-1001893-002</td>
<td>Sealed package(s) containing evidence for Firearms analysis (CC14885)</td>
</tr>
<tr>
<td>2023-1001893-002A</td>
<td>Smith and Wesson 9mm pistol serial number JFE8099 with magazine</td>
</tr>
<tr>
<td>2023-1001893-002B</td>
<td>Five 9mm cartridges</td>
</tr>
</tbody>
</table>

Results and Conclusions:
Microscopic examination and comparison reveal that the bullet, Item 1, was fired from the firearm, Item 2A, based on agreement of class and individual characteristics.

Physical examination of the firearm, Item 2A, reveals it is operational.

Three cartridges from Item 2B were used to test fire the firearm, Item 2A.

Measurement Uncertainty:
When measurements are reported, estimations of measurement uncertainty for barrel and overall length determination of a firearm are reported at a coverage probability of 95.45%.

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Mark Tanner
Firearms Scientist
404-270-8046
mark.tanner1@gbi.ga.gov

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

End of Official Report
Requested Service: Firearms
Agency: GBI-Reg. 10-Conyers
Agency Ref#: 1001703423
Requested by: Andrew Still

Case Individuals:
Subject: Brylend Myers
Subject: Jared Parrish
Subject: Jonathan Salcedo
Subject: Manuel Esteban Paez Teran
Subject: Mark Lamb
Subject: Rolaldo Kegel
Subject: Royce Zah

Evidence:
On 01/20/2023, the laboratory received the following evidence from the GBI-Reg. 10-Conyers.

- 2023-1001893-002 Sealed package(s) containing evidence for Firearms analysis (CC14885)
- 2023-1001893-002A Smith and Wesson 9mm pistol serial number JFE8099 with magazine
- 2023-1001893-004 Sealed package containing evidence for firearms analysis (CC14891)
- 2023-1001893-004A Ten 9mm cartridge cases (Placards C1-C10)
- 2023-1001893-004B Seven .223 cartridge cases (Placards B3-B9)
- 2023-1001893-004C Thirteen .223 cartridge cases (Placards D1-D14)
- 2023-1001893-004D Thirteen .223 cartridge cases (Placards A1-A13)
- 2023-1001893-004E Three .223 cartridge cases (Placards A14-A16)
- 2023-1001893-005 Sealed package containing evidence for firearms analysis (BB12330)
- 2023-1001893-005A Glock 9mm pistol serial number BMCV141 with magazine
- 2023-1001893-005B Nine 9mm cartridges
- 2023-1001893-006 Sealed package containing evidence for firearms analysis (CC14876)
- 2023-1001893-006A Glock 9mm pistol serial number BMCV152 with magazine
- 2023-1001893-006B Six 9mm cartridges
- 2023-1001893-007 Sealed package containing evidence for firearms analysis (BB12331)
- 2023-1001893-007A LWRC 5.56x45mm rifle serial number 5P03016 with two magazines
- 2023-1001893-007B Forty-six .223 cartridges
- 2023-1001893-008 Sealed package containing evidence for firearms analysis (CC14878)
- 2023-1001893-008A LWRC 5.56x45mm rifle serial number 24-24963 with magazine
- 2023-1001893-008B Twenty-two .223 cartridges
- 2023-1001893-009 Sealed package(s) containing evidence for Firearms analysis (CC14879)
- 2023-1001893-009A LWRC 5.56x45mm rifle serial number 5P03014 with magazine
- 2023-1001893-009B Twenty-six .223 cartridges
- 2023-1001893-011 Sealed package(s) containing evidence for Firearms analysis (BB12332)
- 2023-1001893-011A LWRC 5.56x45mm rifle serial number 5P03010 with magazine
- 2023-1001893-011B Seventeen .223 cartridges

On 01/26/2023, the laboratory received the following evidence from the DeKalb Co. Medical Examiner.

- 2023-1001893-015 Sealed package(s) containing evidence for Firearms analysis
- 2023-1001893-015A 9mm bullet (L abdomen)
- 2023-1001893-015B 9mm bullet (R abdomen)
- 2023-1001893-015C 9mm bullet (R hip #1)
- 2023-1001893-015D 9mm bullet (R hip #2)
- 2023-1001893-015E 9mm bullet (Head)
- 2023-1001893-015F 9mm bullet (R hip #3)
- 2023-1001893-015G .223 bullet (L pelvis)
On 01/26/2023, the laboratory received the following evidence from the GBI-Reg. 10-Conyers.

2023-1001893-013 Sealed package(s) containing four 9mm cartridge cases (CC14884)

Results and Conclusions:

Microscopic examination and comparison reveal that the cartridge cases, Item 13, were fired in the firearm, Item 2A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullets, Items 15C and 15F, were fired from the firearm, Item 5A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the cartridge cases, Item 4A, were fired in the firearm, Item 6A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullets, Items 15A, 15B, 15D, and 15E, were fired from the firearm, Item 6A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the cartridge cases, Item 4D, were fired in the firearm, Item 7A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullet jacket fragments, Item 15I, were fired from the firearm, Item 7A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the cartridge cases, Item 4B, were fired in the firearm, Item 8A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullet, Item 15H, was fired from the firearm, Item 8A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the cartridge cases, Item 4E, were fired in the firearm, Item 9A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullet, Item 15G, was fired from the firearm, Item 9A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the cartridge cases, Item 4C, were fired in the firearm, Item 11A, based on agreement of class and individual characteristics.

Microscopic examination and comparison reveal that the bullet jacket fragments, Items 15J, 15K, and 15L, were not suitable for identification comparison purposes.

Microscopic examination reveals that the metal fragments, Items 15M and 15N, were not ammunition components.
Three cartridges from Item 5B were used to test fire the firearm, Item 5A.

Three cartridges from Item 6B were used to test fire the firearm, Item 6A.

Three cartridges from Item 7B were used to test fire the firearm, Item 7A.

Three cartridges from Item 8B were used to test fire the firearm, Item 8A.

Three cartridges from Item 9B were used to test fire the firearm, Item 9A.

Three cartridges from Item 11B were used to test fire the firearm, Item 11A.

Measurement Uncertainty:
When measurements are reported, estimations of measurement uncertainty for barrel and overall length determination of a firearm are reported at a coverage probability of 95.45%.

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

End of Official Report
Case Status Update

Division of Forensic Sciences
Georgia Bureau of Investigation

Cleveland Miles
Deputy Director

DOFS Case #: 2023-1001893
Date of Update: 04/18/2023

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

Case Individuals:
- Subject: Brylend Myers
- Subject: Jared Parrish
- Subject: Jonathan Salcedo
- Subject: Manuel Esteban Paez Teran
- Subject: Mark Lamb
- Subject: Rolaldo Kegel
- Subject: Royce Zah

Evidence:
On 01/20/2023, the laboratory received the following evidence from the GBI-Reg. 10-Conyers.
- 002  Sealed package(s) containing evidence for Firearms analysis (CC14885)
- 002A Smith and Wesson 9mm pistol serial number JFE8099 with magazine

Results and Conclusions:
A cartridge case fired in the firearm, Item 2A, was entered in the National Integrated Ballistic Information Network (NIBIN) computer database. No associations were established with other imaged evidence in the database at this time.

Please Note: NIBIN is utilized to potentially associate evidence in previously unlinked crimes/incidents. Evidence entered on the NIBIN database with the same originating agency, agency case number, and occurrence date will not be considered a NIBIN lead. A notification will not be issued for any association established with these things in common. For additional information please see operational bulletin (OPS Bulletin 2020-02) on our website.

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Jennifer L. Murphy
NIBIN Program Administrator
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CC:

Related Agencies:
- DeKalb Co. Medical Examiner
- Mountain Judicial Circuit
- Stone Mountain Judicial Circuit
- GSP-Internal Affairs
- DeKalb Co. District Attorney
- GSP-Headquarters

ACN: 230126

End of Status Update