

RESULTS OF ANALYSIS GSR REPORTS:

Barium--Ba

Antimony-- Sb

Lead--Pb

Report #1: Barium, antimony and lead, indicative of gunshot residue, were not present in significant concentrations on the handwipings submitted. It is noted, however, that this does not eliminate the possibility that the subject could have fired a gun.

Report #2: Barium, antimony and lead, indicative of gunshot residue, were not present in proper concentrations and/or distribution on the handwipings submitted to allow the examiner to give an opinion with regard to whether the subject could have fired a gun. It is noted, however, that this does not eliminate the possibility that the subject could have fired a gun.

Report #2A: Barium, antimony, and/or lead, elements associated with gunshot residue, were present in elevated levels on the handwipings. However due to the distribution of these elements on the handwipings, the results are inconclusive as to whether the individual could have fired a gun.

Report #3: Barium, antimony and lead, indicative of gunshot residue, were present in significant concentrations and distribution on the handwipings submitted. These results are consistent with the subject having fired a gun.

Report #3A: Barium, antimony and lead, indicative of gunshot residue, were present in significant concentrations and distribution on the handwipings submitted. These results show that the subject could have fired a gun or been in close proximity to a firearm when it was discharged.

Report #4: Barium, antimony, and/or lead, elements associated with gunshot residue, were present in elevated levels on the handwipings. However, examination of the adhesive lifts failed to identify particles unique to or characteristic of gunshot residue. These results are inconclusive as to whether the subject could have fired a gun.

Report #5: Examination of the gunshot residue kit revealed the presence of a particle or particles characteristic but not unique to gunshot residue. Characteristic particles could have originated from the discharge of a firearm, the handling of a firearm, or from some other source which produces similar particles.

Report #6: Examination of the gunshot residue kit revealed the presence of a particle or particles unique to gunshot residue. These particles could have been deposited on the hands by discharging a firearm, handling a firearm, or by being in close proximity to a firearm when it was discharged.

Report #7: Examination of the evidence revealed that wooden handled swabs had been used to do the handwipings. Since these swabs are contaminated with barium which is one of the elements used to determine the presence of gunshot residue on the subject's hands, it is not possible for this laboratory to give an opinion with regard to whether a subject has fired a gun. The evidence (handwipings) was therefore, not examined.

Report #8: Examination of the evidence data sheet revealed that the subject had washed his hands prior to the gunshot residue kit being administered. It has been shown that washing one's hands successfully

removes gunshot residue. The evidence (handwipings) was therefore not examined.

Report #9: Examination of the evidence data sheet revealed that a time greater than (4) hours had elapsed from the time the weapon was discharged and the time the handwipings were collected. It has been shown that the concentration of gunshot residue significantly declines after approximately (4) hours. The evidence (handwipings) was therefore not examined.

Report #10: Examination of the evidence revealed that the instruction sheet was not properly followed as to the collection of handwipings. In such cases it is not possible for this laboratory to give an opinion with regard to whether a subject has fired a gun. The evidence (handwipings) was, therefore, not examined.