



- Item A13a- swabbings from the "Compact Flash card" recovered from the cargo area
- Item A14 - one "Wild Cherry Pepsi" can recovered from the front console
- Item A23 - swabbing from the rear exterior door handle of cargo door.

In addition apparent hairs were recovered from items A1 and A4, no examinations were conducted at this time.

The following items of evidence were recovered from a blue Pontiac Grand AM, VIN#1G2NW14N9PC726145 and examined in the DNA Unit of this Laboratory:

- Item B1 - questioned stain recovered from the passenger side of the front console
- Item B2 - questioned stain recovered from the top of the center console
- Item B3 - questioned stain recovered from the center console near the rear window button
- Item B4 - questioned stain recovered from the gear shaft
- Item B5 - questioned stain cut from the back seat driver's side.

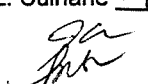
The following items were also examined in the DNA Unit of this Laboratory:

- Item C - one Toyota key attached to a blue key ring
- Item D1 - one red handled toothbrush reportedly belonging to Teresa Halbach.

## RESULTS

Chemical analysis of the reddish/brown questioned stains of items A1-A4, A6-A10, A11, A12, A23 and B1-B5 indicated the presence of blood.

Human deoxyribonucleic acid (DNA) was isolated from items A1, A6, A8, A9, A12, A13a, A14, B1-5, C and D1. The DNA was amplified using the polymerase chain reaction (PCR) method and typed for fifteen short tandem repeat (STR) genetic markers as well as the gender marker Amelogenin using the Promega PowerPlex® 16 amplification kit. The DNA profiles obtained are listed in the following table:



Genetic Marker	Items A1 & A14	Items A6,A8,A9,A12,B1,B3,B4,B5 & C
D3S1358	16,18	16,18
TH01	6,9,3	9,3
D21S11	28,34,2	28,30
D18S51	14,16	14,20
Penta E	5,7	5,10
D5S818	12,13	11,12
D13S317	12,13	8,12
D7S820	11	7,10
D16S539	12,13	11,14
CSF1PO	10	12
Penta D	11,13	10,11
vWA	16	15,19
D8S1179	11,15	10,15
TPOX	10,11	9,11
FGA	21,22	20,26
Amelogenin	X	X,Y

X - female X,Y - male

The profile developed from items A1 and A14 are consistent with originating from the same female individual.

The profile developed from items A6, A8, A9, A12, B1, B3, B4, B5 and C are consistent with originating from the same male individual.

No DNA profile was obtained from items B2 and D1.

Item A13a was not utilized for STR/DNA analysis.

A keyboard search of the profile from item A6 on November 10, 2005 against the Wisconsin DNA Databank resulted in a match to a DNA profile contained in the Convicted Offender Index. The information regarding this Convicted Offender sample is as follows:

Databank number: D94-1970  
 Offender name: Steven Allen Avery  
 Date of birth: 07/09/1962  
 Race/Sex: Caucasian/male  
 State identification number: 161920  
 Department of Corrections number: 122987  
 FBI number: 749102AA1



This match should be considered an investigative lead. Confirmation of this DNA match requires the submission of a biological standard from this individual to the Wisconsin State Crime Laboratory-Madison.

### CONCLUSION

~~A biological standard from Steven Allen Avery must be submitted to this Laboratory for confirmation of the match to the STR DNA profile obtained from item A6.~~

The DNA profile developed from items A1 and A14 is consistent with originating from the same female individual. Any further interpretations will require the submission of additional biological standards.

**Evidence Disposition:** All items will be returned to the submitting agency upon completion of all analysis.