

REDACTED

LBXBX16

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 1

Inclusive Dates: 12/11 - 12/12

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		AES, Team Leader
(b) (6)		OTIE

This page intentionally left blank

Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SED) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SEDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than ($\leq$) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq$ ¼-acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over ¼-acre in parcel lot size will be divided into ¼-acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SED FBSTP Sediment Sampling (SEDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SED FBQSTP Field XRF Measurement (SEDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

This page intentionally left blank

Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

ADDRESS: (b) (6) PROPERTY ID: H0107
DATE: 12/11/12 ARRIVAL TIME: 0839

Other pertinent information (weather conditions, etc.):

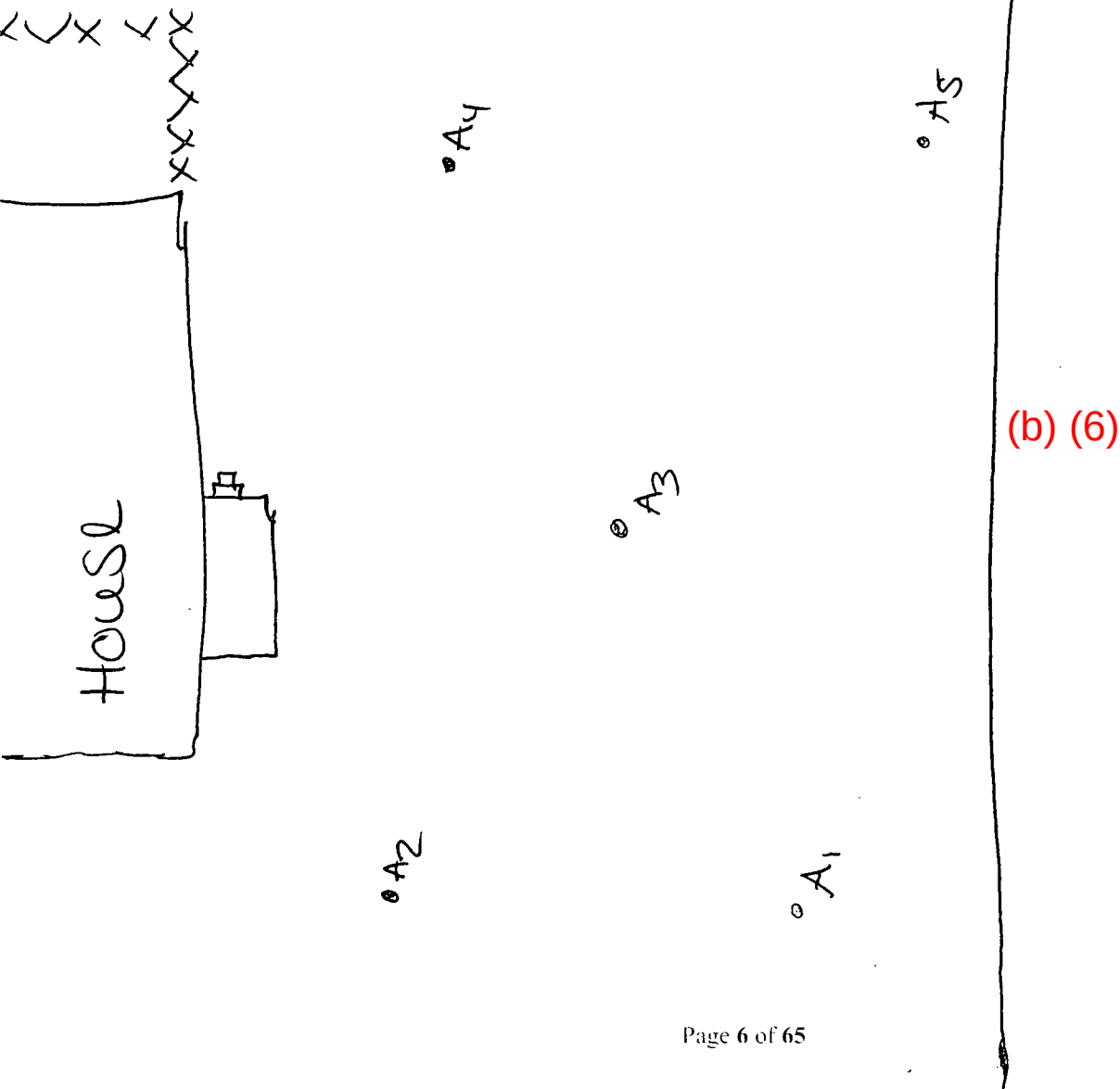
36° overcast wind NE at 11 mph

PROPERTY COMMENTS:

resident home

(b) (6) with attorney group
present for sampling

Grid for property sketch



STATION ID: HP0107A SAMPLE ID: HP0107ACS-SP

SAMPLE COLLECTION TIME: 0906

Description of sample location (front), back, side (yard); vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: HP0107A-

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? ☒ or N

Aliquot #1: Latitude: 33.56488509 N Longitude 86.79369245 W

Media description: Dark brown silty clay, moist

Aliquot #2 Latitude: 33.56485016 N Longitude 86.79368734 W

Media description: Dark brown black silty clay, moist

Aliquot #3: Latitude: 33.56486784 N Longitude 86.79372287 W

Media description: Dark brown black silty clay, moist

Aliquot #4: Latitude: 33.56485325 N Longitude 86.79375727 W

Media description: Dark brown black silty clay, moist w/ coal fragment S

Aliquot #5: Latitude: 33.56489414 N Longitude 86.79375506 W

Media description: Dark brown black silty clay, moist

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☐] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: HP0107B SAMPLE ID: HP0107B-CS-SP

SAMPLE COLLECTION TIME: 0928

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0107B

GPS Coordinates: Trimble ☒ Instrument #: 016144 Logged? ☒ or N

Aliquot #1: Latitude: 33.5648042 N Longitude: 86.79366769 W
Media description: Black silty clay w/ coal fragments, moist

Aliquot #2: Latitude: ~~33.56463131~~ N Longitude: ~~86.79371193~~ W
33.56458832 86.79367355
Media description: Brown silty clay moist

Aliquot #3: Latitude: 33.56463131 N Longitude: 86.79371193 W
Media description: Black silty clay w/ coal fragments, moist

Aliquot #4: Latitude: 33.56458688 N Longitude: 86.79379580 W
Media description: Brown silty clay moist

Aliquot #5: Latitude: 33.56470111 N Longitude: 86.79373120 W
Media description: Brown silty clay moist

STATION ID: HP0107C SAMPLE ID: HP0107C-GS-SP

SAMPLE COLLECTION TIME: 0930

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0107C

GPS Coordinates: Trimble ☒ Instrument #: 016144 Logged? ☒ or N

Aliquot #1: Latitude: 33.56465574 N Longitude: 86.79370871 W
Media description: Black brown silty clay w/ thin upper layer of coal

Aliquot #2: Latitude: _____ N Longitude: _____ W
Media description: _____

Aliquot #3: Latitude: _____ N Longitude: _____ W
Media description: _____

Aliquot #4: Latitude: _____ N Longitude: _____ W
Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W
Media description: _____

(b) (6)

ADDRESS: _____ PROPERTY ID: HP0262

DATE: 12/11/12 ARRIVAL TIME: 0945

Other pertinent information (weather conditions, etc.):

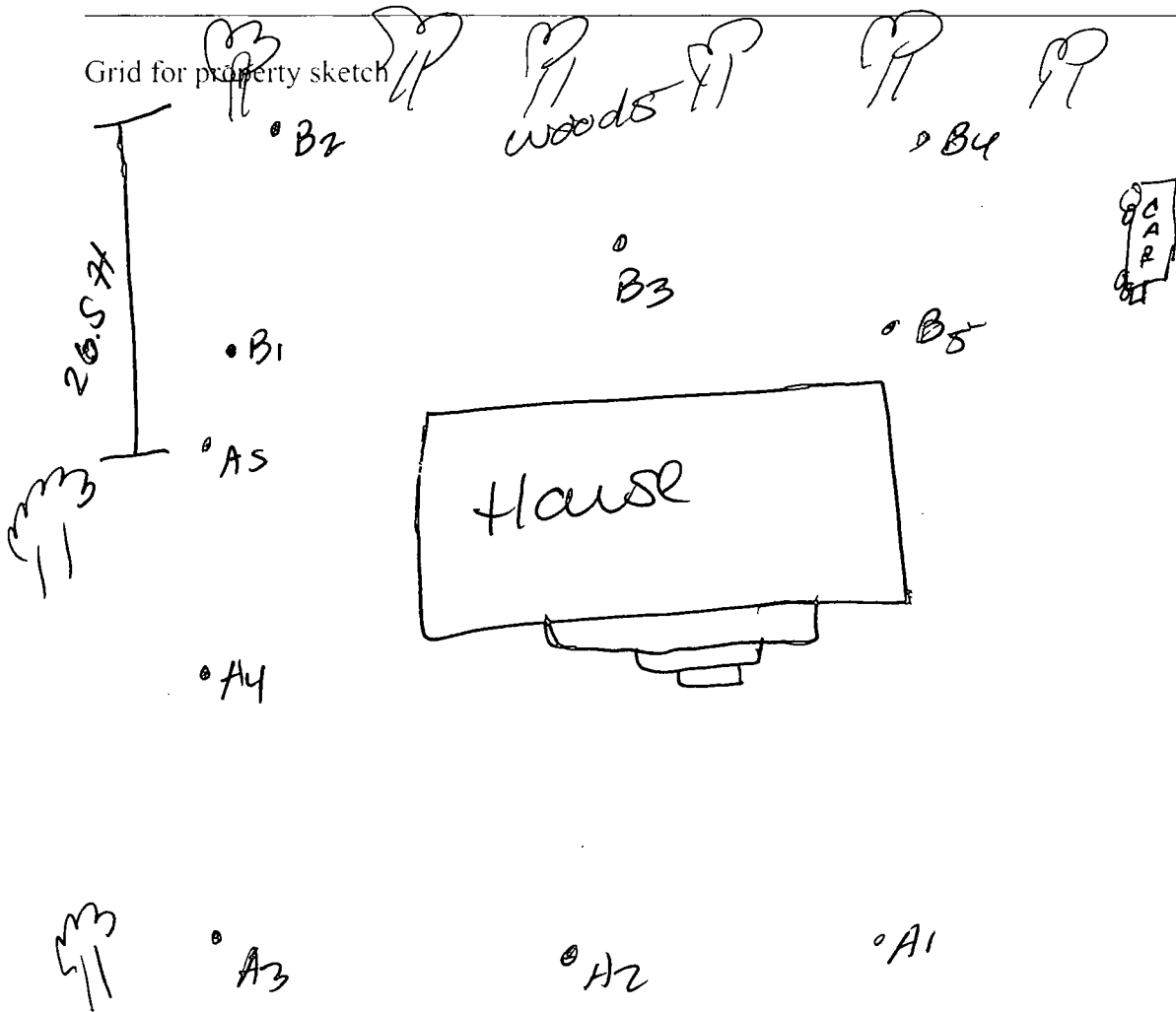
36° Overcast wind NE at 11mph

PROPERTY COMMENTS:

Resident here

(b) (6)

present



(b) (6)

BB 12/11/12
STATION ID: ~~HP0107~~ HP0262A SAMPLE ID: HP0262A-CS-SP

SAMPLE COLLECTION TIME: 1003

Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):

Front & side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate split sample station ID: HP0262A

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56650487 N Longitude 86.78986999 W

Media description: Gray sandy silt w/ coal fragments, dry

Aliquot #2: Latitude: 33.56650495 N Longitude 86.78981584 W

Media description: orange brown clay w/ coal fragments, dry

Aliquot #3: Latitude: 33.56649635 N Longitude 86.78976820 W

Media description: gray silty sand, dry

Aliquot #4: Latitude: 33.56643974 N Longitude 86.78975655 W

Media description: dark brown silt, dry

Aliquot #5: Latitude: 33.56638373 N Longitude 86.78975561 W

Media description: black silty clay, dry

HP0262B
STATION ID: ~~HP0262A~~ SAMPLE ID: HP0262B-CS-SP

SAMPLE COLLECTION TIME: 1012

Description of sample location (front, back, side, yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate split sample station ID: HP0262B

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56633104 N Longitude 86.78976960 W

Media description: Dark brown silty clay, dry

Aliquot #2: Latitude: 33.56628399 N Longitude 86.78977446 W

Media description: Dark brown silty clay, dry

Aliquot #3: Latitude: 33.56631176 N Longitude 86.78982967 W

Media description: Dark brown silty clay, dry

Aliquot #4: Latitude: 33.56629996 N Longitude 86.78986675 W

Media description: Dark brown silty clay, dry

Aliquot #5: Latitude: 33.56634374 N Longitude 86.78986165 W

Media description: dark brown silty clay, dry w/ coal fragments

ADDRESS: (b) (6) PROPERTY ID: HP0128

DATE: 12/11/12 ARRIVAL TIME: 18:02

Other pertinent information (weather conditions, etc.):

38°F Cloudy Windy

PROPERTY COMMENTS:

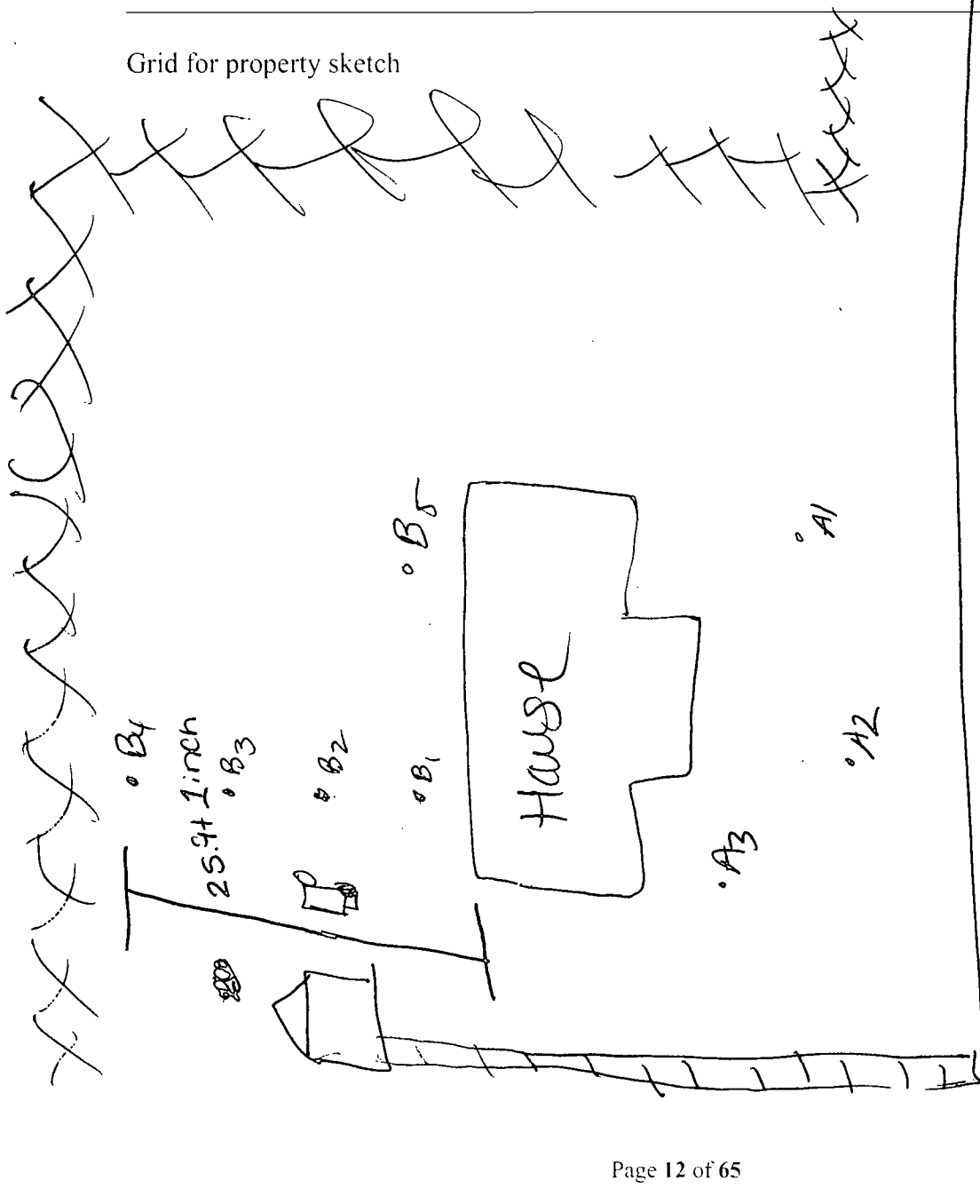
Resident house

(b) (6)

present for

attorney grasp

Grid for property sketch



(b) (6)

STATION ID: HP0128A SAMPLE ID: HP0128A-CS-SP

SAMPLE COLLECTION TIME: 1220⁰⁰ 12/11/12 1231

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0128A

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? ☒ or N

Aliquot #1: Latitude: 33.56487939 N Longitude: 86.79138428 W

Media description: Dark brown silty clay dry

Aliquot #2 Latitude: 33.56489022 N Longitude: 86.79142466 W

Media description: Dark brown silty clay, dry w/ ^{small} coal fragments & brick

Aliquot #3: Latitude: 33.56490871 N Longitude: 86.79144261 W

Media description: Dark brown silty clay, dry w/ large coal fragments

Aliquot #4: Latitude: _____ N Longitude: _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude: _____ W

Media description: _____

STATION ID: HP0128B SAMPLE ID: HP0128B-CS-SP

SAMPLE COLLECTION TIME: 1220

Description of sample location (front, back, side yard, vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0128B

GPS Coordinates: Trimble [☒] Instrument #: _____ Logged? ☒ or N

Aliquot #1: Latitude: 33.56508433 N Longitude: 86.79142295 W

Media description: Dark brown to black silty dry clay ^{00 12/11/12}

Aliquot #2 Latitude: 33.56512982 N Longitude: 86.79139851 W

Media description: Dark brown to black silty dry clay ^{00 12/11/12} w/ gravel

Aliquot #3: Latitude: 33.56519780 N Longitude: 86.79141504 W

Media description: Dark brown to black silty dry ^{00 12/11/12}

Aliquot #4: Latitude: 33.56523205 N Longitude: 86.79142062 W

Media description: Brown orange clay w/ coal and gravel dry

Aliquot #5: Latitude: 33.56508119 N Longitude: 86.79137948 W

Media description: Dark brown to black silty dry

(b) (6)

ADDRESS: _____ PROPERTY ID: HP 0103

DATE: 12/11/12 ARRIVAL TIME: 1250

Other pertinent information (weather conditions, etc.):

38°F Cloudy windy

PROPERTY COMMENTS:

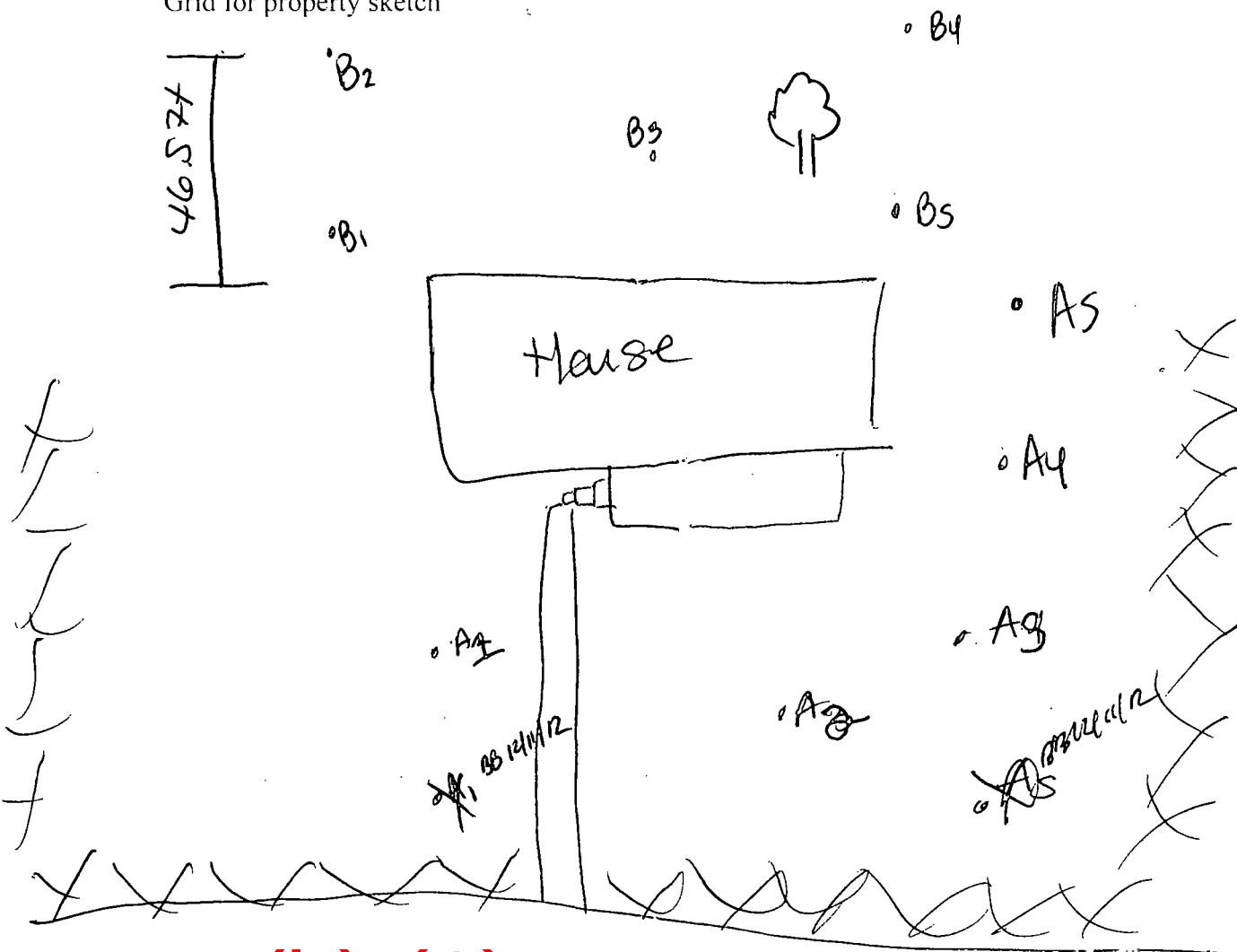
Resident house

(b) (6)

* Jeff Crawley (OSC)

present

Grid for property sketch



(b) (6)

STATION ID: HP0103ASAMPLE ID: HP0103A-CS-SPSAMPLE COLLECTION TIME: 1315Description of sample location (front), back, side (yard) vegetable garden; play set; ditch, etc):Front + side yardCollection: Composite or GrabMS/MSD? Y or (N)Field Duplicate or Split (Yes) or No If yes, indicate Duplicate split sample station ID: HP0103AGPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? (Y) or NAliquot #1: Latitude: 33.56485294 N Longitude 86.79392383 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56485626 N Longitude 86.79398493 WMedia description: Dark brown silty clay dryAliquot #3: Latitude: 33.56483452 N Longitude 86.79403800 WMedia description: Dark brown silty clay dry w/ coal fragmentsAliquot #4: Latitude: 33.56477937 N Longitude 86.79404346 WMedia description: Dark brown silty clay dry w/ coal fragmentsAliquot #5: Latitude: 33.56474125 N Longitude 86.79404723 WMedia description: Dark brown silty clay dry w/ coal fragmentsSTATION ID: HP0103BSAMPLE ID: HP0103B-CS-SPSAMPLE COLLECTION TIME: 1316Description of sample location (front, back) side (yard) vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or (N)Field Duplicate or Split (Yes) or No If yes, indicate Duplicate split sample station ID: HP0103BGPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? (Y) or NAliquot #1: Latitude: 33.56467828 N Longitude 86.79395721 WMedia description: Dark brown silty clay, dryAliquot #2 Latitude: 33.56456773 N Longitude 86.79394307 WMedia description: Dark brown silty clay, dryAliquot #3: Latitude: 33.56463759 N Longitude 86.79399087 WMedia description: Dark brown silty clay, dryAliquot #4: Latitude: 33.56455978 N Longitude 86.79404182 WMedia description: Dark brown silty clay, dryAliquot #5: Latitude: 33.56468641 N Longitude 86.79404283 WMedia description: Dark brown silty clay dry

ADDRESS: (b) (6) PROPERTY ID: HPO141

DATE: 12/11/12 ARRIVAL TIME: 1329

Other pertinent information (weather conditions, etc.):

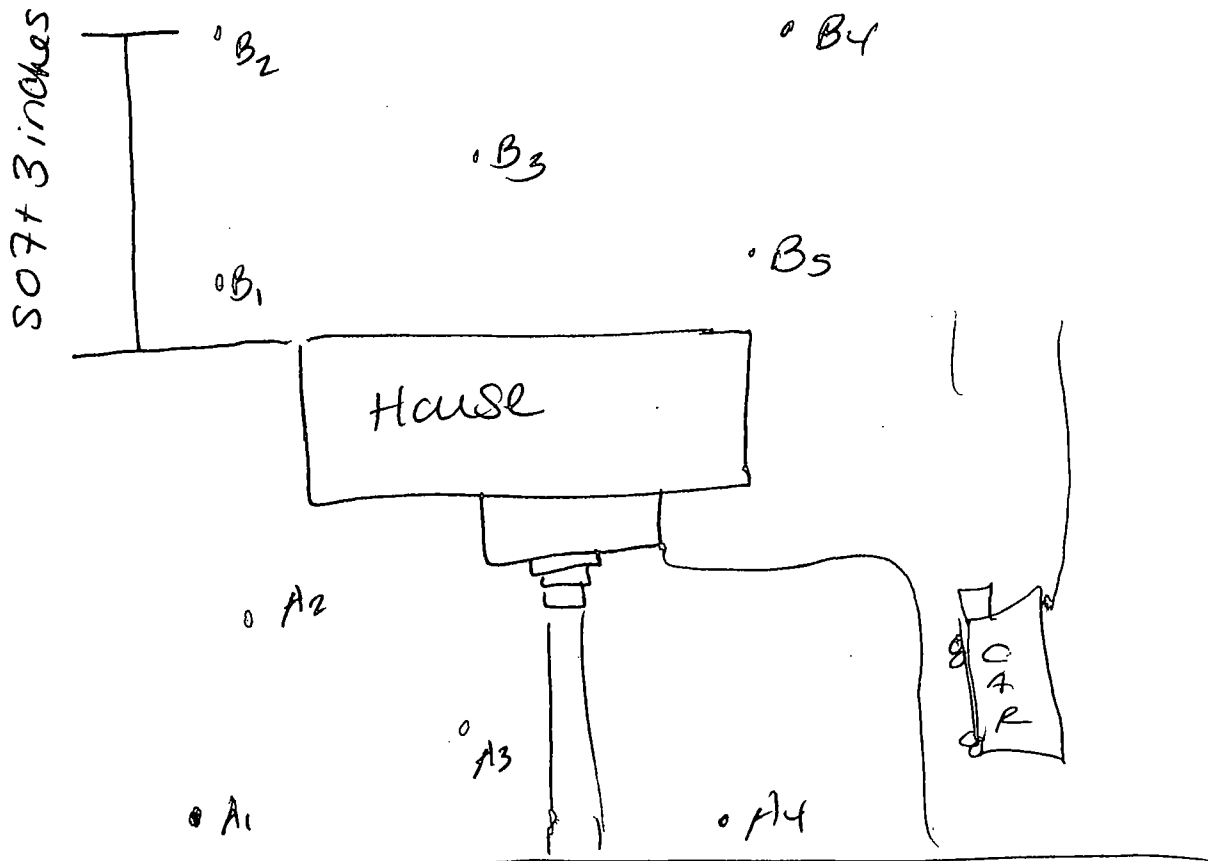
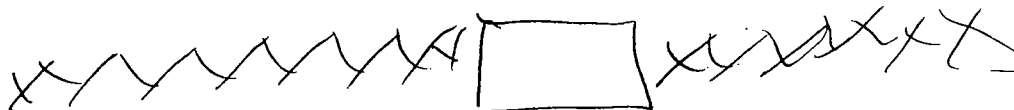
39°F cloudy, Windy

PROPERTY COMMENTS:

Resident Home

(b) (6) present
Jeff Crawley present (asc)

Grid for property sketch



(b) (6)

STATION ID: HP0141ASAMPLE ID: HP0141A-CS-SPSAMPLE COLLECTION TIME: 1342Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0141AGPS Coordinates: Trimble [☒] Instrument #: 016144Logged? Y or NAliquot #1: Latitude: 33.56486328 N Longitude 86.79054248 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56489504 N Longitude 86.79053240 WMedia description: Dark brown silty clay dryAliquot #3: Latitude: 33.56487185 N Longitude 86.79050454 WMedia description: Dark brown silty clay dryAliquot #4: Latitude: 33.56484893 N Longitude 86.79046956 WMedia description: Dark brown silty clay dry

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: HP0141BSAMPLE ID: HP0141B-CS-SPSAMPLE COLLECTION TIME: 1353Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0141BGPS Coordinates: Trimble [☒] Instrument #: 016144Logged? Y or NAliquot #1: Latitude: 33.56503581 N Longitude 86.79052296 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56512793 N Longitude 86.79051203 WMedia description: tan orange clay w/ coal fragments dryAliquot #3: Latitude: 33.56508205 N Longitude 86.79048375 WMedia description: Dark brown silty clay dryAliquot #4: Latitude: 33.56512038 N Longitude 86.79045240 WMedia description: tan orange clay w/ coal fragments dryAliquot #5: Latitude: 33.56504623 N Longitude 86.79048471 WMedia description: Black silt w/ coal fragments

(b) (6)

ADDRESS: _____ PROPERTY ID: HP0195

DATE: 12/11/12 ARRIVAL TIME: 1437

Other pertinent information (weather conditions, etc.):

40°F Partly Cloudy

PROPERTY COMMENTS:

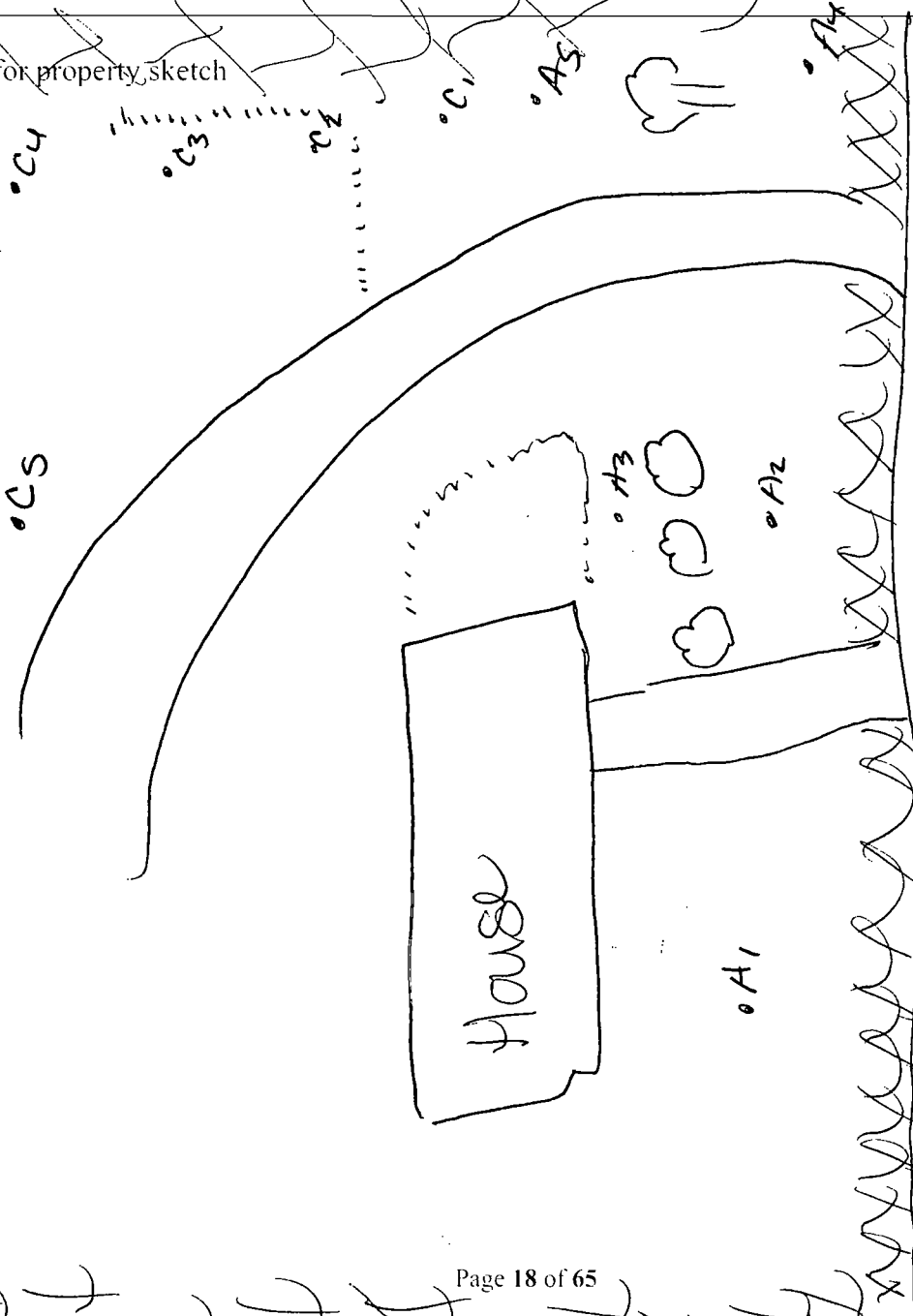
Resident Home

(b) (6)

A

Jeff Crowley present

Grid for property sketch



STATION ID: HP0195A SAMPLE ID: HP0195A-CS-SP

SAMPLE COLLECTION TIME: 1450

Description of sample location (front) back, side (yard); vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0195A

GPS Coordinates:	Trimble ☒	Instrument #: <u>016144</u>	Logged? ☒ or N
Aliquot #1:	Latitude: <u>33.56487939</u> ^{08/21/12}	N Longitude: <u>86.79138428</u> ^{08/21/12}	W
	Media description: <u>Brown silty clay dry</u>		
Aliquot #2:	Latitude: <u>33.5649022</u> ^{08/21/12}	N Longitude: <u>86.79142406</u> ^{08/21/12}	W
	Media description: <u>Brown silty clay dry</u>		
Aliquot #3:	Latitude: <u>33.56490871</u> ^{08/21/12}	N Longitude: <u>86.79144261</u> ^{08/21/12}	W
	Media description: <u>Gray sandy silt gravel w/ coal fragments</u>		
Aliquot #4:	Latitude: <u>33.56564531</u>	N Longitude: <u>86.79158481</u>	W
	Media description: <u>Gray sandy silt gravel w/ coal fragments</u>		
Aliquot #5:	Latitude: <u>33.56559535</u>	N Longitude: <u>86.7915857</u>	W
	Media description: <u>Gray sandy silt gravel</u>		

STATION ID: HP0195C SAMPLE ID: HP0195C-CS-SP

SAMPLE COLLECTION TIME: 1509

Description of sample location (front, back, side yard); vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0195C

GPS Coordinates:	Trimble ☒	Instrument #: <u>016144</u>	Logged? ☒ or N
Aliquot #1:	Latitude: <u>33.56554496</u>	N Longitude: <u>86.79157860</u>	W
	Media description: <u>Dark brown silt dry w/ gravel</u>		
Aliquot #2:	Latitude: <u>33.56549835</u>	N Longitude: <u>86.79158160</u>	W
	Media description: <u>Dark brown silt dry w/ gravel</u>		
Aliquot #3:	Latitude: <u>Black 33.56545536</u> ^{08/21/12}	N Longitude: <u>86.79157387</u>	W
	Media description: <u>Black silt w/ gravel and coal dry</u>		
Aliquot #4:	Latitude: <u>33.56539319</u>	N Longitude: <u>86.79156110</u>	W
	Media description: <u>Black silt w/ gravel and coal dry</u>		
Aliquot #5:	Latitude: <u>33.56539320</u>	N Longitude: <u>86.79150912</u>	W
	Media description: <u>tan/orange clay dry</u>		

ADDRESS: (b) (6) PROPERTY ID: HP0195

DATE: 12/11/12 ARRIVAL TIME: 1437

Other pertinent information (weather conditions, etc.):

40°F Partly Cloudy

PROPERTY COMMENTS:

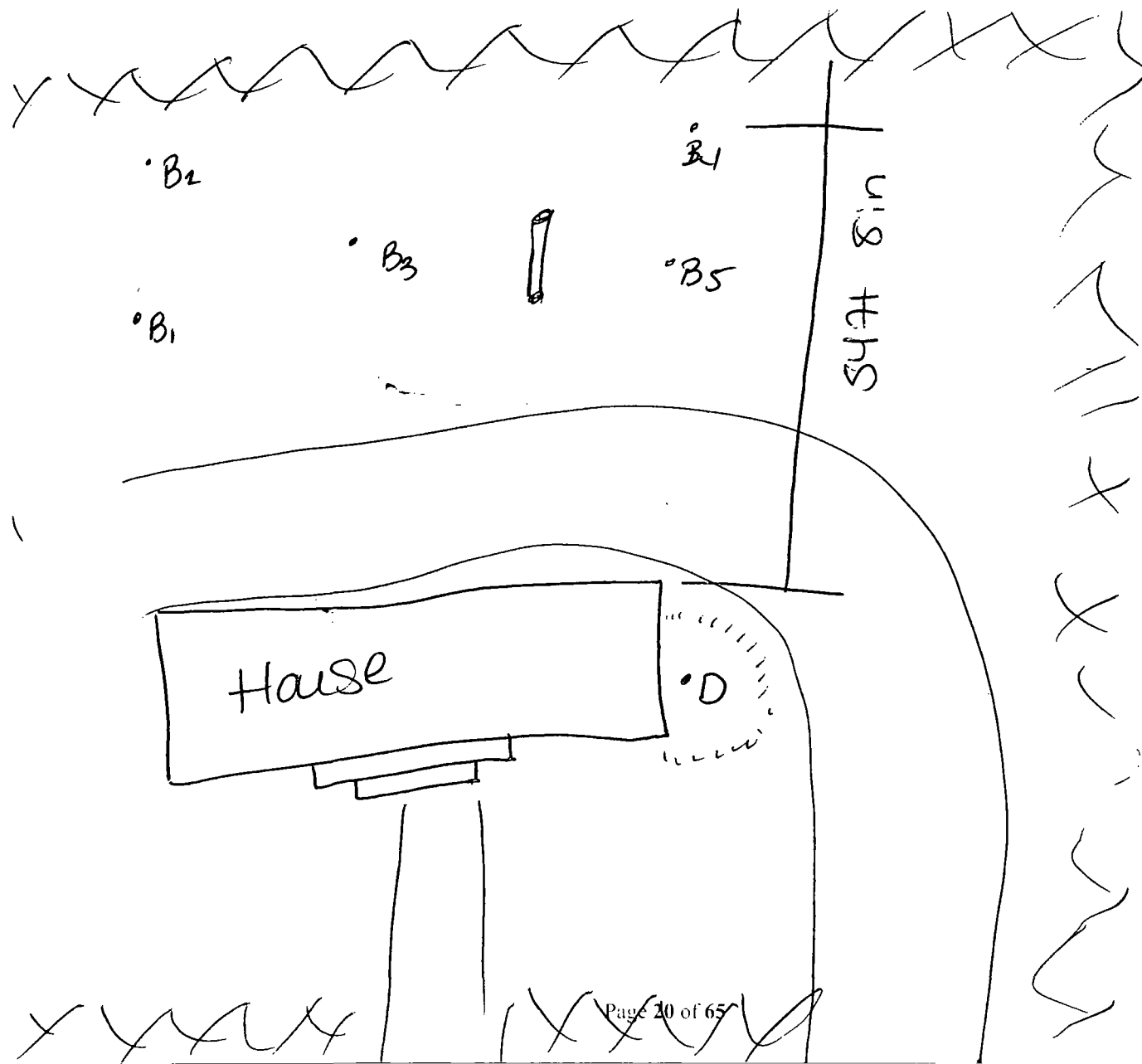
Resident Home

(b) (6)

✓

Jeff Crowley present

Grid for property sketch



STATION ID: HP0195B SAMPLE ID: HP0195B-CS-SP

SAMPLE COLLECTION TIME: 1519

Description of sample location (front, back side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0195B

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56543764 N Longitude 86.79139490 W

Media description: Brown silty clay dry

Aliquot #2 Latitude: 33.56537422 N Longitude 86.79140046 W

Media description: tan orange stiff clay w/ gravel dry

Aliquot #3: Latitude: 33.56541231 N Longitude 86.79141663 W

Media description: tan orange stiff clay w/ gravel dry

Aliquot #4: Latitude: 33.56538473 N Longitude 86.79147761 W

Media description: tan orange stiff clay w/ gravel dry

Aliquot #5: Latitude: 33.56542690 N Longitude 86.79147080 W

Media description: tan orange stiff clay w/ gravel dry

STATION ID: HP0195D SAMPLE ID: HP0195D-GS

SAMPLE COLLECTION TIME: 1527

Description of sample location (front, back, side yard; vegetable garden play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? Y or N

Aliquot #1: Latitude: 33.56558402 N Longitude 86.79147638 W

Media description: Dark brown silty sandy w/ gravel dry

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

ADDRESS: (b) (6) PROPERTY ID: CV0446

DATE: 12/12/12 ARRIVAL TIME: 0835

Other pertinent information (weather conditions, etc.):

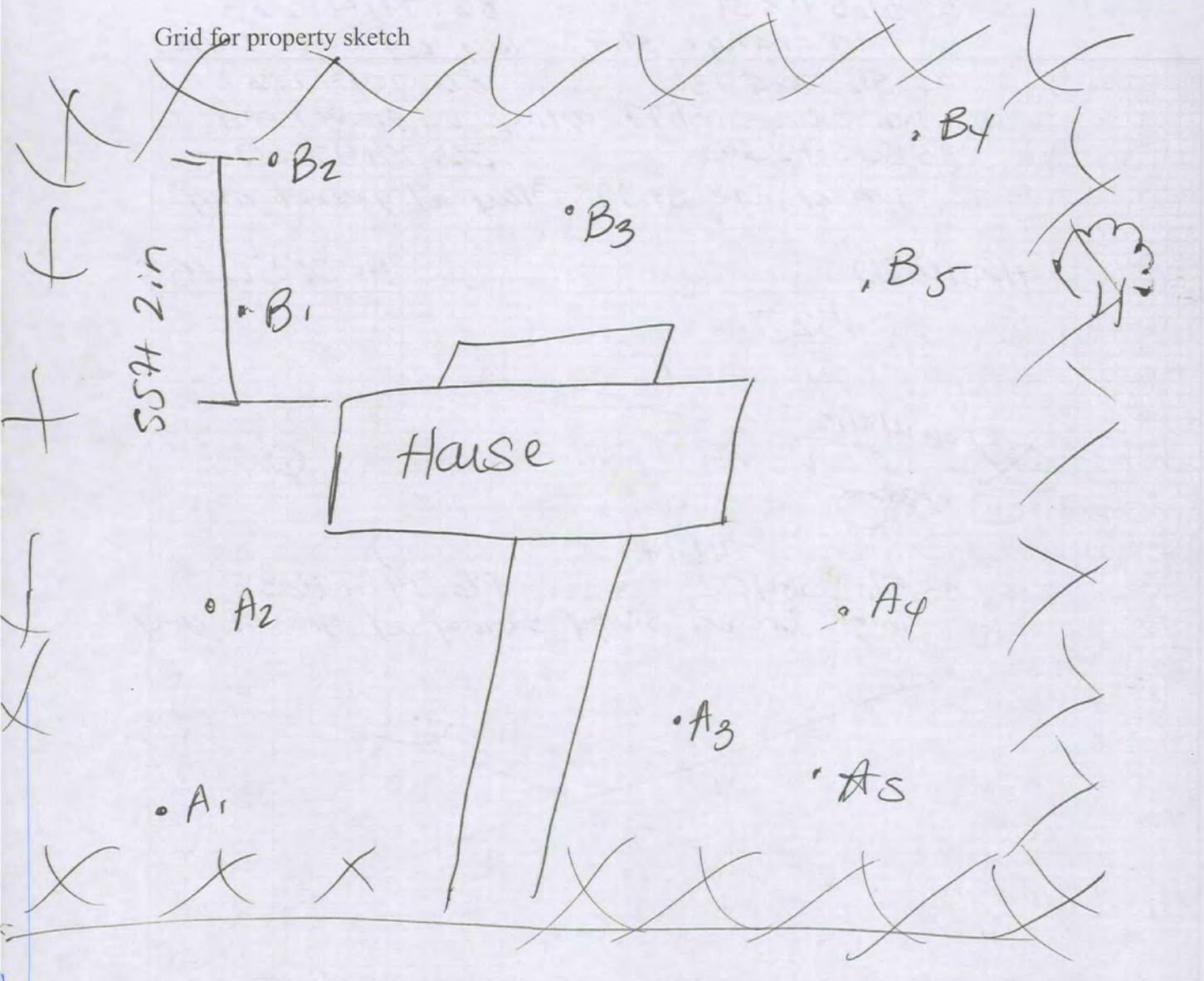
35°F Partly Cloudy wind NNE at 3mph

PROPERTY COMMENTS:

Resident home

(b) (6) is present with the attorney group

Grid for property sketch



STATION ID: CV0446ASAMPLE ID: CV0446A-CS-SPSAMPLE COLLECTION TIME: 0854Description of sample location (front) back, side (yard) vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CV0446A

GPS Coordinates:	Trimble [☒]	Instrument #:	<u>016144</u>	Logged?	☐ or <u>N</u>
Aliquot #1:	Latitude:	<u>33.55489457</u>	N Longitude	<u>86.80063238</u>	W
	Media description:	<u>orange brown clay w/ gravel dry</u>			
Aliquot #2:	Latitude:	<u>33.55488741</u>	N Longitude	<u>86.80065798</u>	W
	Media description:	<u>black silt w/ coral fragments dry</u>			
Aliquot #3:	Latitude:	<u>33.55492627</u>	N Longitude	<u>86.80064756</u>	W
	Media description:	<u>dark brown silty clay w/ gravel dry</u>			
Aliquot #4:	Latitude:	<u>33.55496445</u>	N Longitude	<u>86.80066365</u>	W
	Media description:	<u>Dark brown silty clay w/ gravel dry</u>			
Aliquot #5:	Latitude:	<u>33.55495681</u>	N Longitude	<u>86.80063708</u>	W
	Media description:	<u>Dark brown silty clay w/ gravel dry</u>			

STATION ID: CV0446BSAMPLE ID: CV0446B-CV-SPSAMPLE COLLECTION TIME: 0903Description of sample location (front, back, side (yard)) vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split Yes or No If yes, indicate Duplicate/split sample station ID: CV0446B

GPS Coordinates:	Trimble [☒]	Instrument #:	<u>016144</u>	Logged?	☒ or <u>N</u>
Aliquot #1:	Latitude:	<u>33.55491133</u>	N Longitude	<u>86.80093064</u>	W
	Media description:	<u>Dark brown silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.55490804</u>	N Longitude	<u>86.80103313</u>	W
	Media description:	<u>Black silty clay dry</u>			
Aliquot #3:	Latitude:	<u>33.55494058</u>	N Longitude	<u>86.80097958</u>	W
	Media description:	<u>Black silty clay dry w/ gravel</u>			
Aliquot #4:	Latitude:	<u>33.55498129</u>	N Longitude	<u>86.80164057</u>	W
	Media description:	<u>Black silty clay dry w/ gravel</u>			
Aliquot #5:	Latitude:	<u>33.55497744</u>	N Longitude	<u>86.80092573</u>	W
	Media description:	<u>Black silty clay dry w/ gravel</u>			

(b) (6)

(b) (6)

ADDR

PROPERTY ID:

BB 12/12/12

EVOT09

HP0306

DATE:

12/12/12

ARRIVAL TIME:

0935

Other pertinent information (weather conditions, etc.):

35°F Partly Cloudy

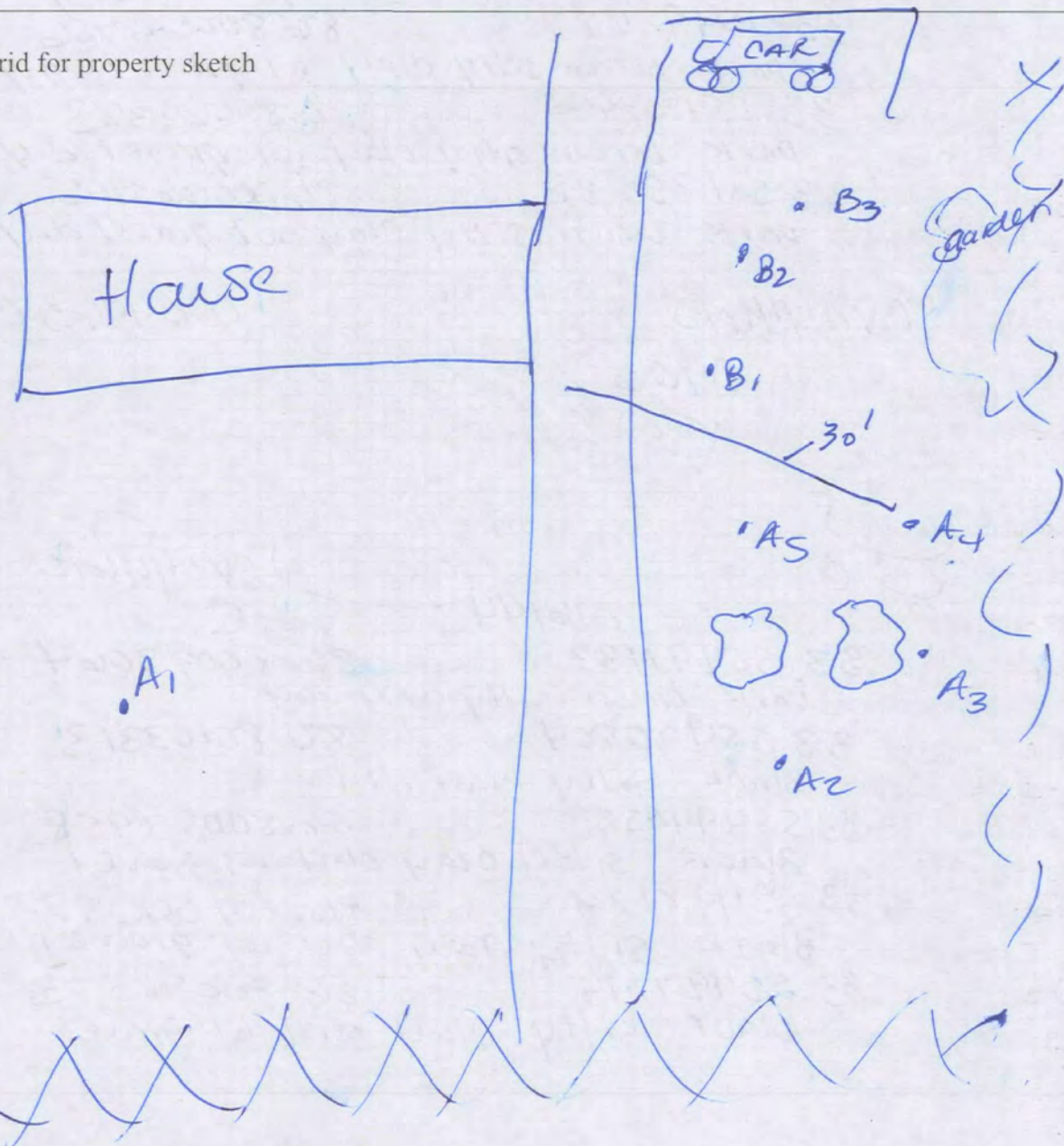
PROPERTY COMMENTS:

Resident home

(b) (6)

present

Grid for property sketch



HP0306A

HP0306A-CS-SP

STATION ID: CV0109 ^{BB 12/12/12}SAMPLE ID: CV0109 ^{BB 12/12/12}SAMPLE COLLECTION TIME: 1024

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front/Side YardCollection: Composite or GrabMS/MSD? Y or N NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0306AGPS Coordinates: Trimble [☒] Instrument #: 016144Logged? Y or NAliquot #1: Latitude: 33.56684015 N Longitude 86.79421898 WMedia description: Dark brown silty clay moist to wetAliquot #2 Latitude: 33.56680453 N Longitude 86.79429965 WMedia description: Dark brown silty clay moist to wetAliquot #3: Latitude: 33.56674913 N Longitude 86.79432852 WMedia description: Dark brown silty clay moist to wetAliquot #4: Latitude: 33.56670317 N Longitude 86.79432137 WMedia description: Dark brown silty clay moist to wetAliquot #5: Latitude: 33.56672719 N Longitude 86.79426674 WMedia description: Dark brown silty clay moist to wetSTATION ID: HP0306BSAMPLE ID: HP0306B-CS-SPSAMPLE COLLECTION TIME: 1013

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Side YardCollection: Composite or GrabMS/MSD? Y or N NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0306BGPS Coordinates: Trimble [☒] Instrument #: 016144Logged? Y or NAliquot #1: Latitude: 33.56669140 N Longitude 86.79424008 WMedia description: Dark brown clay wetAliquot #2 Latitude: 33.56665932 N Longitude 86.79424084 WMedia description: Dark brown clay wetAliquot #3: Latitude: 33.56663674 N Longitude 86.79421344 WMedia description: Dark brown clay wet

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

(b) (6)

ADDRESS: _____ PROPERTY ID: HP0306

DATE: 12/12/12 ARRIVAL TIME: 0935

Other pertinent information (weather conditions, etc.):

35°F Sunny

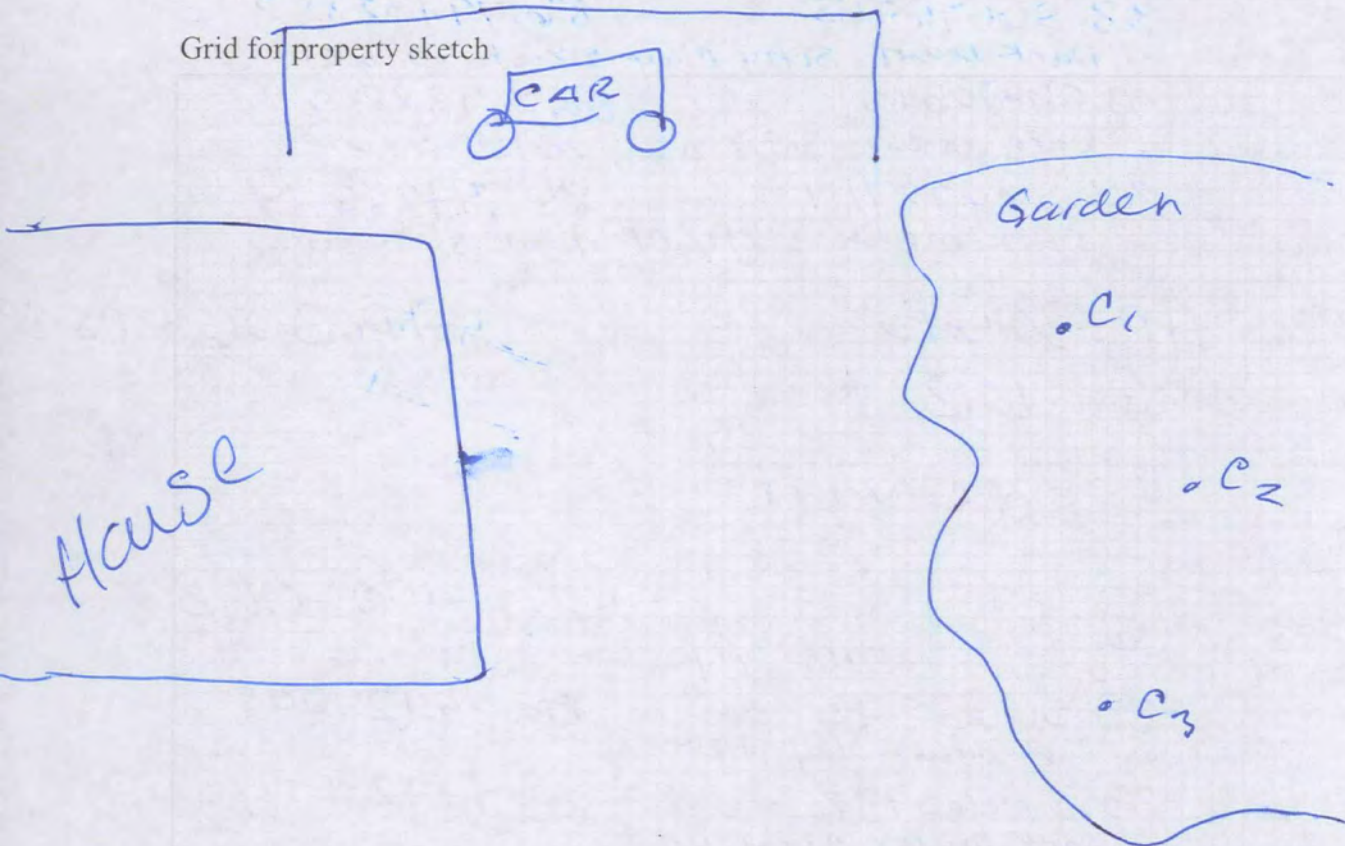
PROPERTY COMMENTS:

Resident Home

(b) (6)

1677 Crawley present

Grid for property sketch



CS-SP

STATION ID: HPO306C

SAMPLE ID: HPO306C-68
BB

SAMPLE COLLECTION TIME: 1004

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HPO306C

GPS Coordinates: Trimble [☒] Instrument #: 016144 Logged? ☒ or N

Aliquot #1: Latitude: 33.56664492 N Longitude 86.79428024 W

Media description: Dark brown Sandy/clay w/ gravel, very wet

Aliquot #2 Latitude: 33.56664851 N Longitude 86.79430799 W

Media description: Dark brown Sandy/clay w/ gravel, very wet

Aliquot #3: Latitude: 33.56667215 N Longitude 86.79431644 W

Media description: Dark brown Sandy/clay w/ gravel, very wet

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

STATION ID: _____ SAMPLE ID: HPO306D-65

BB 12/12/12

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

(b) (6)

ADDRESS:

PROPERTY ID:

HP0019

DATE:

12/12/12

ARRIVAL TIME:

1037

Other pertinent information (weather conditions, etc.):

50°F Fair

PROPERTY COMMENTS:

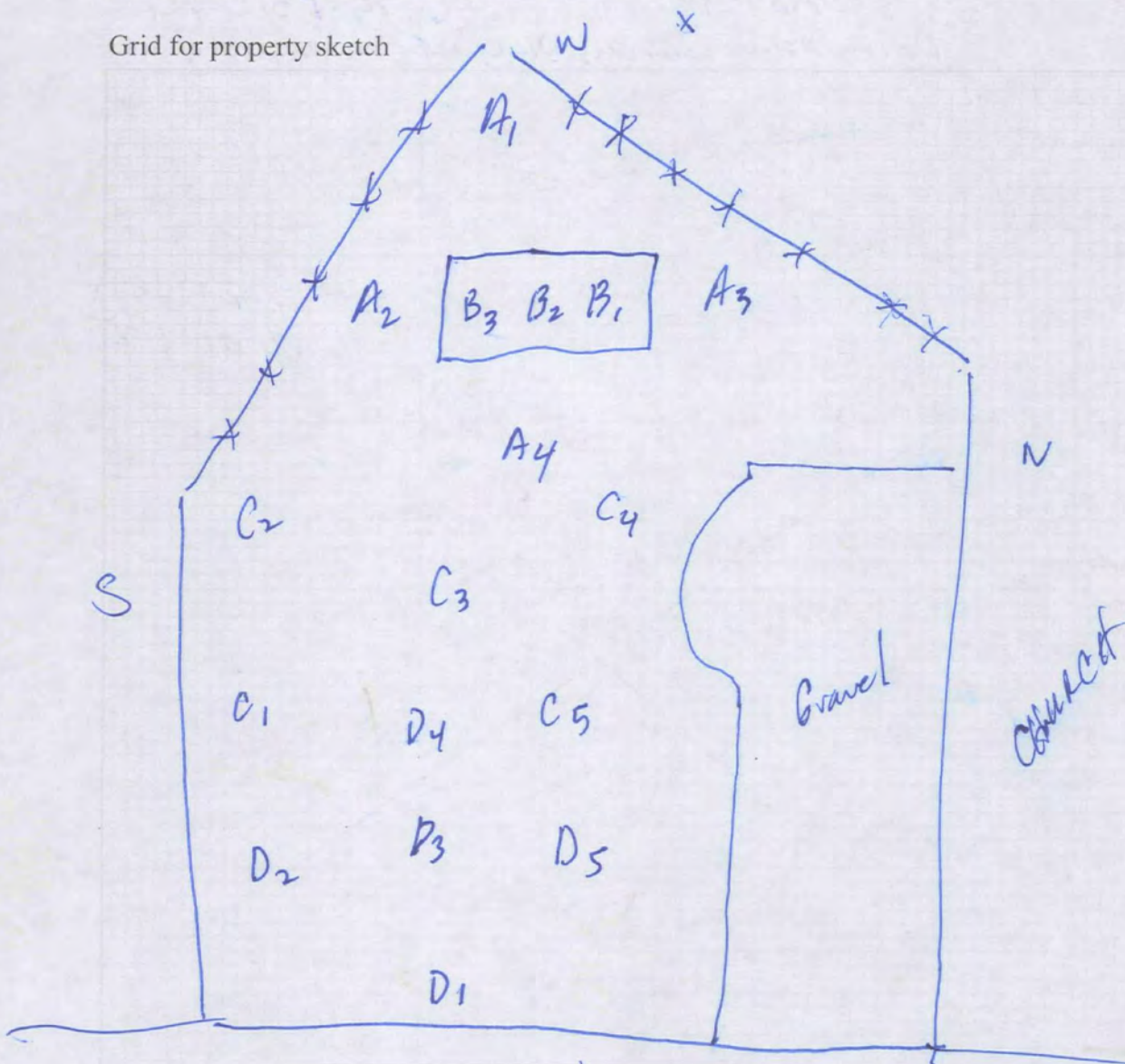
Residential property w/ no structures

Next door neighbor

uses area for garden

(b) (6)

Grid for property sketch



(b) (6)

STATION ID: HP0019A SAMPLE ID: BB 12/12/12 HP0306E-GS-HP0019A-CS
SAMPLE COLLECTION TIME: 1101

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

West end of property
Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>016144</u> Logged? ☒ Y or N	
Aliquot #1: Latitude: <u>33.5663708</u> N Longitude: <u>86.79420851</u> W	Media description: <u>Dark brown silty clay moist</u>
Aliquot #2: Latitude: <u>33.56634094</u> N Longitude: <u>86.79410587</u> W	Media description: <u>Dark brown silty clay moist</u>
Aliquot #3: Latitude: <u>33.56644748</u> N Longitude: <u>86.79412145</u> W	Media description: <u>Dark brown silty clay w/ gravel dry</u>
Aliquot #4: Latitude: <u>33.56639587</u> N Longitude: <u>86.79404909</u> W	Media description: <u>Dark brown & tan clay moist</u>
Aliquot #5: Latitude: _____ N Longitude: _____ W	Media description: _____

STATION ID: HP0019B SAMPLE ID: HP0019B-CS
SAMPLE COLLECTION TIME: 1105

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

garden on west end of property
Collection: Composite or Grab MS/MSD? Y or N
Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble ☒ Instrument #: <u>016144</u> Logged? ☒ Y or N	
Aliquot #1: Latitude: <u>33.56641995</u> N Longitude: <u>86.79411852</u> W	Media description: <u>Dark brown silty clay moist</u>
Aliquot #2: Latitude: <u>33.56640494</u> N Longitude: <u>86.79411576</u> W	Media description: <u>Dark brown silty clay moist</u>
Aliquot #3: Latitude: <u>33.56638476</u> N Longitude: <u>86.79411738</u> W	Media description: <u>Dark brown silty clay moist</u>
Aliquot #4: Latitude: _____ N Longitude: _____ W	Media description: _____
Aliquot #5: Latitude: _____ N Longitude: _____ W	Media description: _____

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

BB12/12/12

See page 28

STATION ID: HP0019CSAMPLE ID: HP0019C-CSSAMPLE COLLECTION TIME: 1112

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

South end of propertyCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble ☒ Instrument #: 016144 Logged? Y or NAliquot #1: Latitude: 33.56633190 N Longitude 86.79378087 WMedia description: tan orange clay w/ black streaking dryAliquot #2 Latitude: 33.56632681 N Longitude 86.79391609 WMedia description: tan orange clay w/ black streaking dryAliquot #3: Latitude: 33.56636409 N Longitude 86.79383853 WMedia description: tan orange clay w/ black streaking dryAliquot #4: Latitude: 33.56639588 N Longitude 86.79391520 WMedia description: tan orange clay w/ black streaking dryAliquot #5: Latitude: 33.56641388 N Longitude 86.79377049 WMedia description: dark brown silty clay drySTATION ID: HP0019DSAMPLE ID: HP0019D-CSSAMPLE COLLECTION TIME: 1123

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

east end of the propertyCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____GPS Coordinates: Trimble ☒ Instrument #: 016144 Logged? Y or NAliquot #1: Latitude: 33.56636911 N Longitude 86.79362824 WMedia description: Dark brown silty clay dryAliquot #2 Latitude: 33.56632801 N Longitude 86.79367908 WMedia description: Dark brown silty clay dryAliquot #3: Latitude: 33.56636801 N Longitude 86.79367613 WMedia description: orange brown clay w/ coal fragments dryAliquot #4: Latitude: 33.56636750 N Longitude 86.79372976 WMedia description: orange brown clay w/ ~~dark brown silty clay dry~~ BB 111212Aliquot #5: Latitude: 33.56643165 N Longitude 86.79367600 WMedia description: Dark brown sandy silt w/ gravel dry

(b) (6)

ADDRESS: _____ PROPERTY ID: H0294

DATE: 12/12/12 ARRIVAL TIME: 1254

Other pertinent information (weather conditions, etc.):

55°F Fair mild breeze

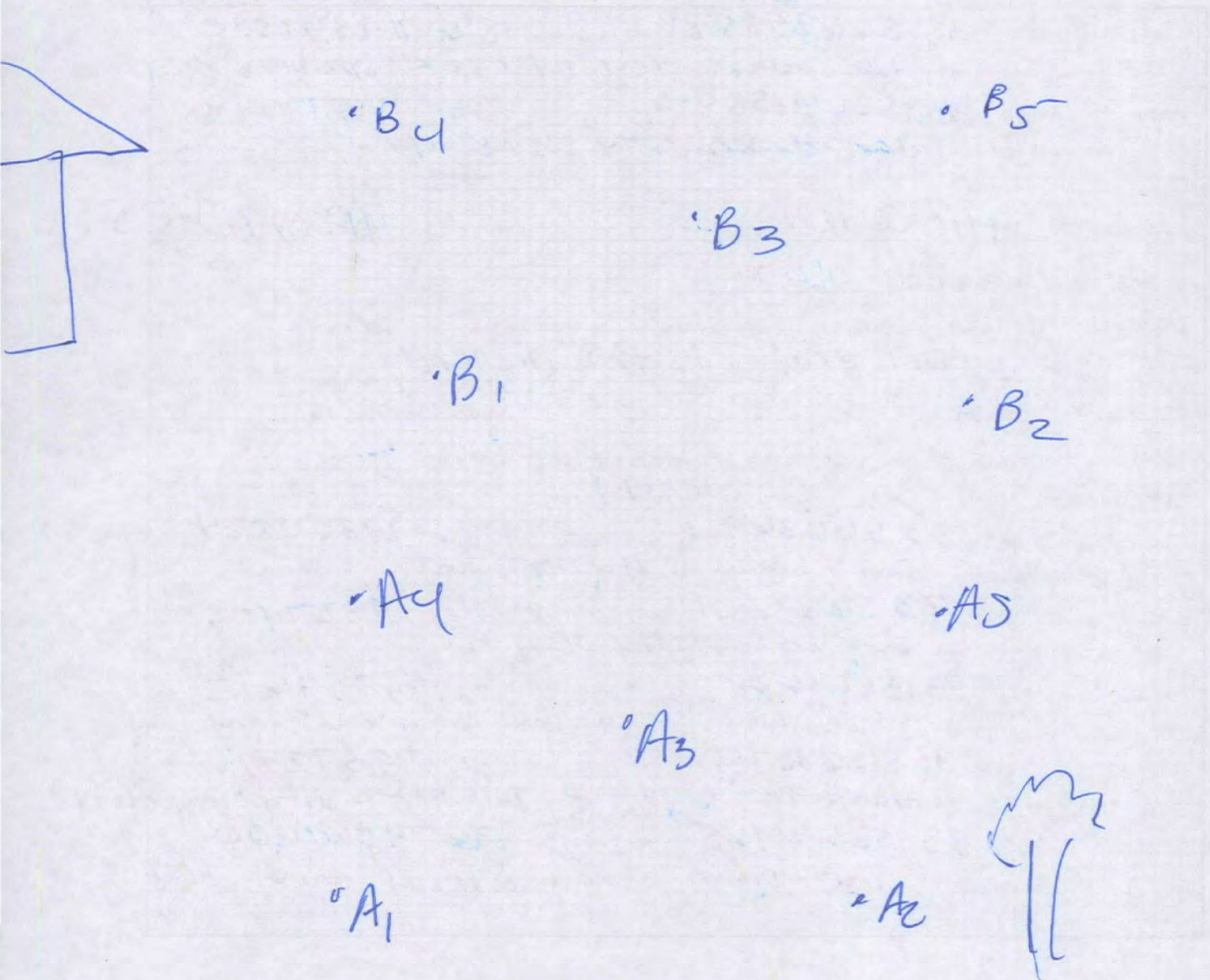
PROPERTY COMMENTS:

Lot (vacant, undeveloped)

(b) (6) present

Tell Crowley present

Grid for property sketch



STATION ID: HP0294ASAMPLE ID: HP0294A-CS-SPSAMPLE COLLECTION TIME: 1312Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate split sample station ID: HP0294AGPS Coordinates: Trimble ☒ Instrument #: 018595Logged? Y or NAliquot #1: Latitude: 33.56582980 N Longitude 86.79601076 WMedia description: Dark brown black silty clay moistAliquot #2 Latitude: 33.56576937 N Longitude 86.79608353 WMedia description: Dark brown black silty clay moistAliquot #3: Latitude: 33.56578773 N Longitude 86.79596886 WMedia description: Dark brown black silty clay moistAliquot #4: Latitude: 33.56578140 N Longitude 86.79587603 WMedia description: Dark brown black silty clay w/ coal fragments moistAliquot #5: Latitude: 33.56569615 N Longitude 86.79593409 WMedia description: Dark brown black silty clay moistSTATION ID: HP0294BSAMPLE ID: HP0294B-CS-SPSAMPLE COLLECTION TIME: 1304Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate split sample station ID: HP0294BGPS Coordinates: Trimble ☒ Instrument #: 018595Logged? Y or NAliquot #1: Latitude: 33.56571254 N Longitude 86.79579835 WMedia description: dk brwn/blk silty clay moist w/ gravelAliquot #2 Latitude: 33.56564859 N Longitude 86.79588898 WMedia description: Same as aboveAliquot #3: Latitude: 33.56564362 N Longitude 86.79575315 WMedia description: Same as aboveAliquot #4: Latitude: 33.56565391 N Longitude 86.79567500 WMedia description: Same as aboveAliquot #5: Latitude: 33.56560214 N Longitude 86.79571969 WMedia description: Same as above

(b) (6)

ADDRESS

PROPERTY ID:

HP0179

DATE:

12/12/12

ARRIVAL TIME:

1333

Other pertinent information (weather conditions, etc.):

50°F Sunny

PROPERTY COMMENTS:

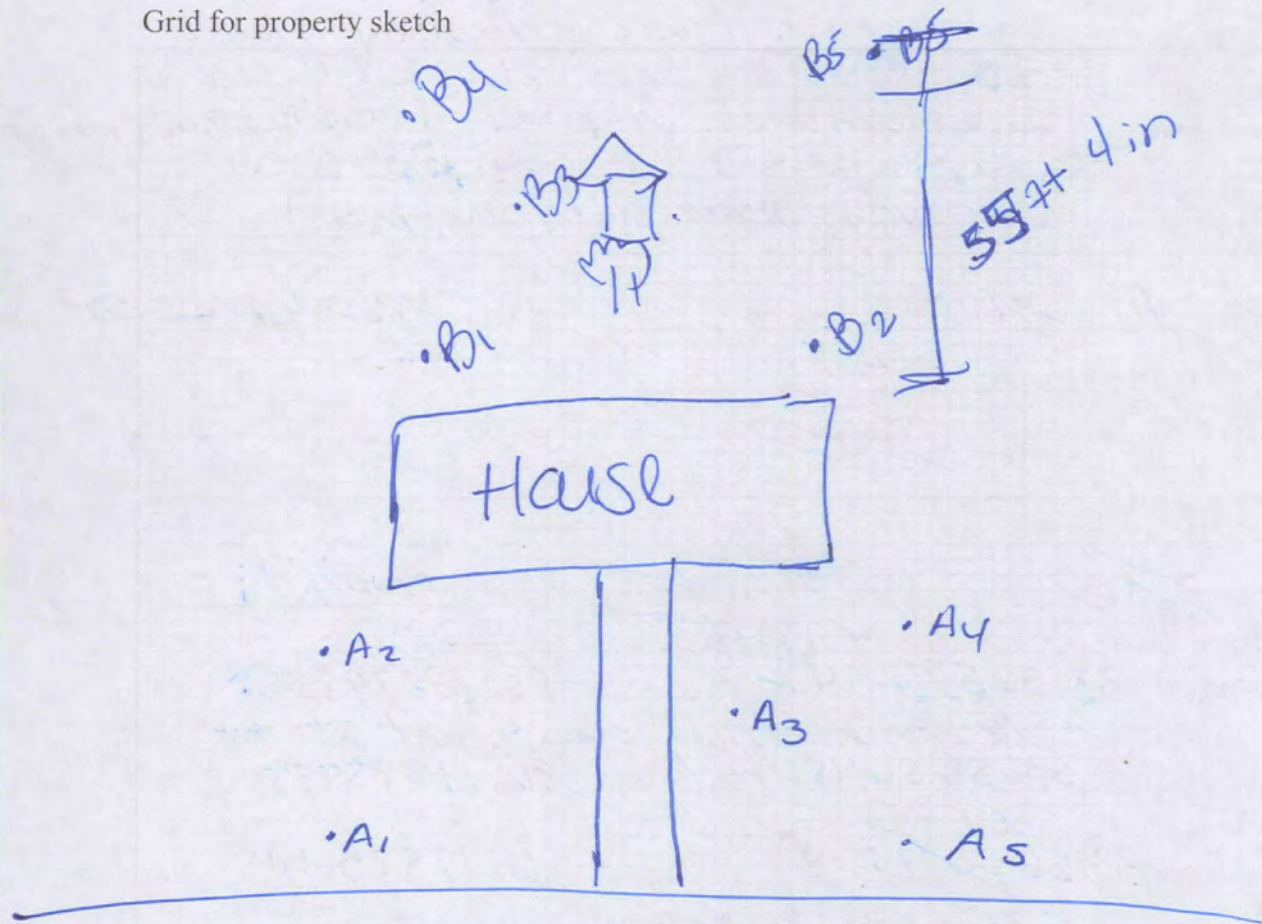
Resident home

(b) (6)

present

Jeff Crowley present

Grid for property sketch



(b) (6)

STATION ID: HP0179ASAMPLE ID: HP0179A-CS-SPSAMPLE COLLECTION TIME: 1342Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0179GPS Coordinates: Trimble [☒] Instrument #: 018595Logged? Y or NAliquot #1: Latitude: 33.56586813 N Longitude 86.79274867 WMedia description: Dark brown silty clay w/ gravel dryAliquot #2 Latitude: 33.56590943 N Longitude 86.79274713 WMedia description: Dark brown silty clay w/ gravel dryAliquot #3: Latitude: 33.56588014 N Longitude 86.79269859 WMedia description: Dark brown silty clay w/ gravel dryAliquot #4: Latitude: 33.56590464 N Longitude 86.79265909 WMedia description: Dark brown silty clay w/ gravel dryAliquot #5: Latitude: 33.56586892 N Longitude 86.79266122 WMedia description: Black silty clay w/ coal fragments moistSTATION ID: HP0179BSAMPLE ID: HP0179B-CS-SPSAMPLE COLLECTION TIME: 1358Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):Collection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: HP0179BGPS Coordinates: Trimble [☒] Instrument #: 018595Logged? Y or NAliquot #1: Latitude: 33.56608969 N Longitude 86.79270054 WMedia description: Dark brown black silty clay w/ large gravel dryAliquot #2 Latitude: 33.56620114 N Longitude 86.79273398 WMedia description: Dark brown silty clay dryAliquot #3: Latitude: 33.56613946 N Longitude 86.79272274 WMedia description: Dark brown silty clay dryAliquot #4: Latitude: 33.56620933 N Longitude 86.79266236 WMedia description: Dark brown silty clay dryAliquot #5: Latitude: 33.56610591 N Longitude 86.79263943 WMedia description: Dark brown silty clay dry

(b) (6)

ADDRESS:

PROPERTY ID:

CV0705

DATE:

12/12/12

ARRIVAL TIME:

1415

Other pertinent information (weather conditions, etc.):

50°F, Sunny

PROPERTY COMMENTS:

Resident Home

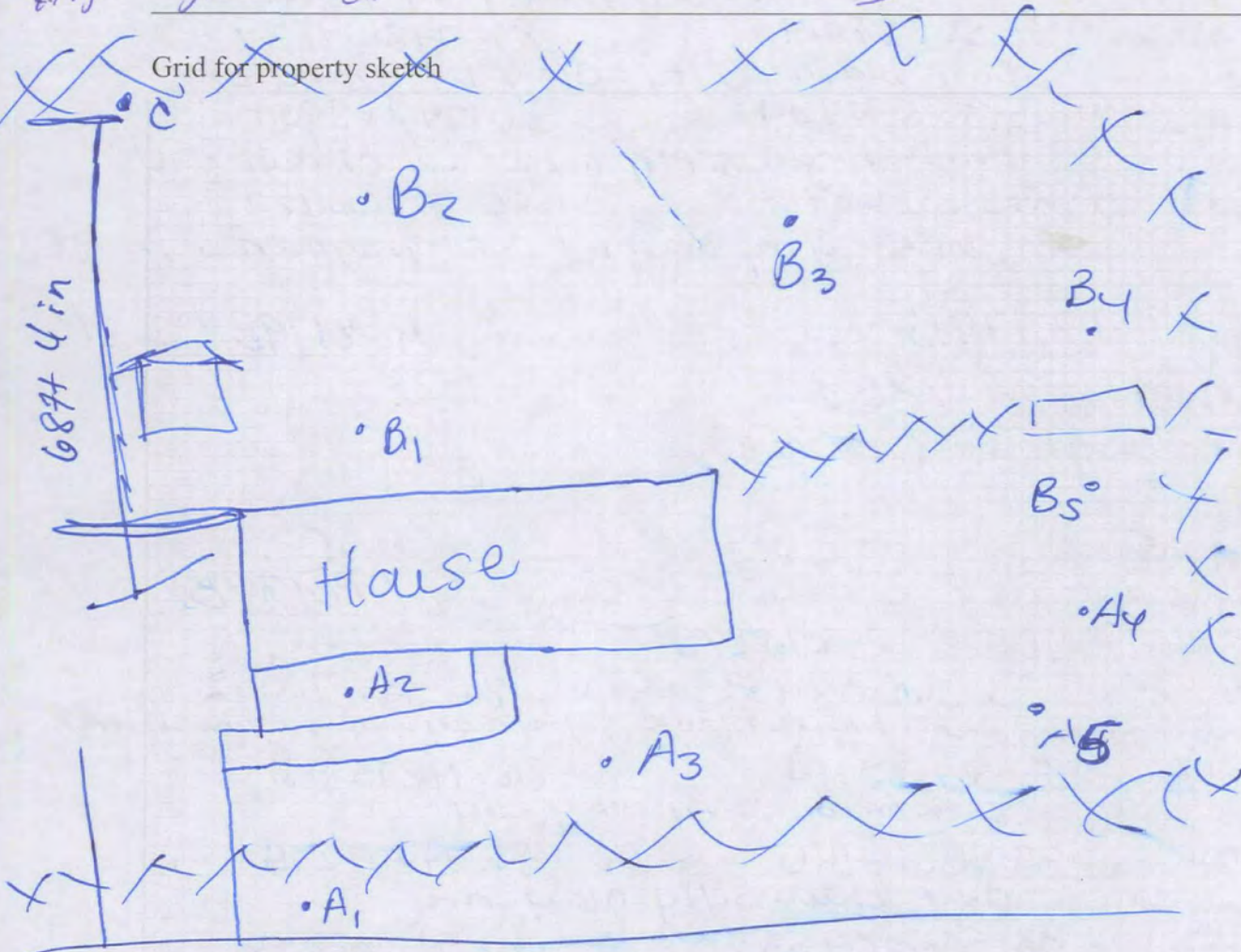
(b) (6)

present

Jeff Crowley present

High ground (possible former rail line)

Grid for property sketch



(b) (6)

STATION ID: CV0705A SAMPLE ID: CV0705A-CS-SP

SAMPLE COLLECTION TIME: 1435

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front + Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates:	Trimble [☒]	Instrument #:	<u>018595</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56586812</u>	N Longitude	<u>86.79274867</u>	W
	Media description:	<u>Dark brown silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.56590943</u>	N Longitude	<u>86.79274713</u>	W
	Media description:	<u>Dark brown silty clay dry</u>			
Aliquot #3:	Latitude:	<u>33.56588014</u>	N Longitude	<u>86.79269859</u>	W
	Media description:	<u>Dark brown silty clay dry</u>			
Aliquot #4:	Latitude:	<u>33.56590464</u>	N Longitude	<u>86.79265909</u>	W
	Media description:	<u>Sandy silt black dry</u>			
Aliquot #5:	Latitude:	<u>33.56586892</u>	N Longitude	<u>86.79266122</u>	W
	Media description:	<u>Dark brown silty clay dry</u>			

STATION ID: CV0705B SAMPLE ID: CV0705B-CS-SP

SAMPLE COLLECTION TIME: 1446

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back + Side Yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0705B

GPS Coordinates:	Trimble [☒]	Instrument #:	<u>018595</u>	Logged?	<u>Y</u> or N
Aliquot #1:	Latitude:	<u>33.56608969</u>	N Longitude	<u>86.79270054</u>	W
	Media description:	<u>dk brown silty clay dry</u>			
Aliquot #2:	Latitude:	<u>33.56620114</u>	N Longitude	<u>86.79273398</u>	W
	Media description:	<u>same as above</u>			
Aliquot #3:	Latitude:	<u>33.56613946</u>	N Longitude	<u>86.79272274</u>	W
	Media description:	<u>same as above</u>			
Aliquot #4:	Latitude:	<u>33.56620933</u>	N Longitude	<u>86.79266236</u>	W
	Media description:	<u>same as above</u>			
Aliquot #5:	Latitude:	<u>33.56610591</u>	N Longitude	<u>86.79263943</u>	W
	Media description:	<u>same as above</u>			

ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch

See page 36

BB
12/12/12

BB 12/12/12

STATION ID: CV070SCSAMPLE ID: CV070SC-G5SAMPLE COLLECTION TIME: 1456

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Note near possible abandoned rail line OSC CrowleyCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____requests to add PCBs to analyze list.

GPS Coordinates: Trimble [☒] Instrument #: <u>018595</u>	Logged? <u>Y</u> or N
Aliquot #1: Latitude: <u>33.56055305</u>	N Longitude: <u>86.80183643</u> W
Media description: <u>Dark Brown silty clay w/ gravel</u>	
Aliquot #2: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #3: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #4: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude: _____ W
Media description: _____	

STATION ID: _____

SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____	Logged? Y or N
Aliquot #1: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #2: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #3: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #4: Latitude: _____	N Longitude: _____ W
Media description: _____	
Aliquot #5: Latitude: _____	N Longitude: _____ W
Media description: _____	

(b) (6)

ADDRESS:

PROPERTY ID:

CV0703

DATE:

12/12/12

ARRIVAL TIME:

1500

Other pertinent information (weather conditions, etc.):

50°F Fair

PROPERTY COMMENTS:

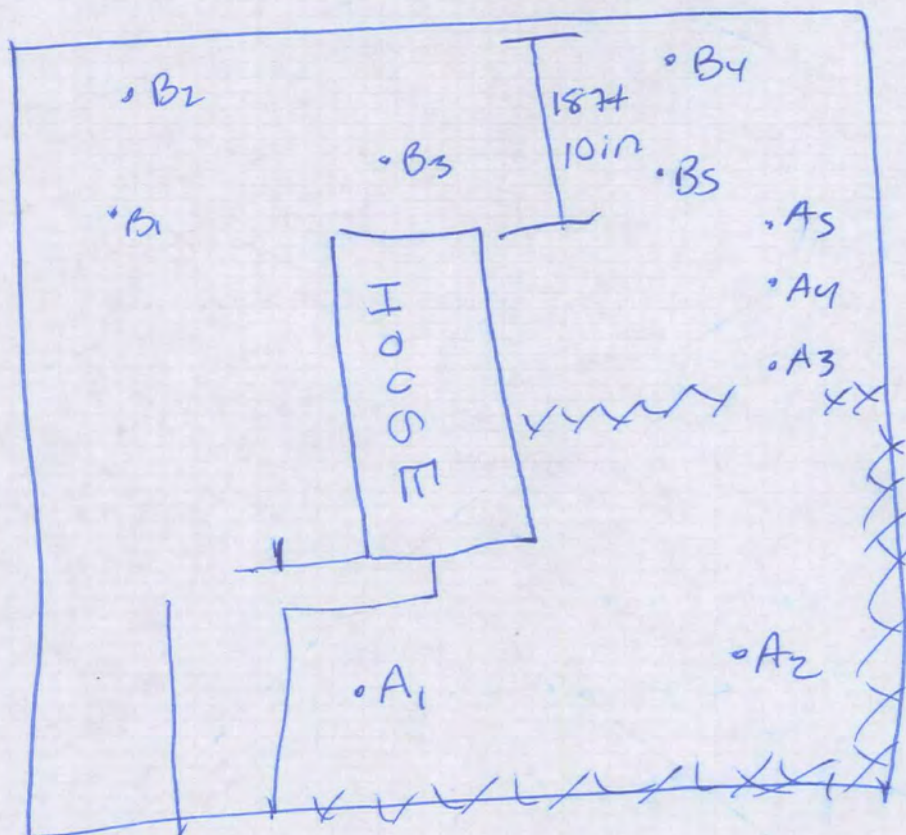
Resident Name

(b) (6)

♀

Jeff Crowley present

Grid for property sketch



STATION ID: CV0703A SAMPLE ID: CV0703A-CS-SP

SAMPLE COLLECTION TIME: 1516

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front + side yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0703A

GPS Coordinates: Trimble [☒] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56026806 N Longitude 86.80158592 W

Media description: Dark brown silty clay

Aliquot #2 Latitude: 33.56030532 N Longitude 86.80154765 W

Media description: Dark brown silty clay

Aliquot #3: Latitude: 33.56036029 N Longitude 86.80159431 W

Media description: Dark brown silty clay

Aliquot #4: Latitude: 33.56040039 N Longitude 86.80164649 W

Media description: Dark brown silty clay

Aliquot #5: Latitude: 33.56043211 N Longitude 86.80169949 W

Media description: Dark brown silty clay w/ gravel

STATION ID: CV0703B SAMPLE ID: CV0703B-CS-SP

SAMPLE COLLECTION TIME: 1518

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0703B

GPS Coordinates: Trimble [☒] Instrument #: 018595 Logged? Y or N

Aliquot #1: Latitude: 33.56042738 N Longitude 86.80188990 W

Media description: Dark brown silt dry

Aliquot #2 Latitude: 33.56046156 N Longitude 86.80192216 W

Media description: Dark brown silt dry

Aliquot #3: Latitude: 33.56048120 N Longitude 86.80185578 W

Media description: Dark brown silt dry

Aliquot #4: Latitude: 33.56051341 N Longitude 86.80182794 W

Media description: Dark brown silt dry

Aliquot #5: Latitude: 33.56048874 N Longitude 86.80178755 W

Media description: Dark brown silt dry

The remaining pages in this logbook are
blank and have not been scanned.