

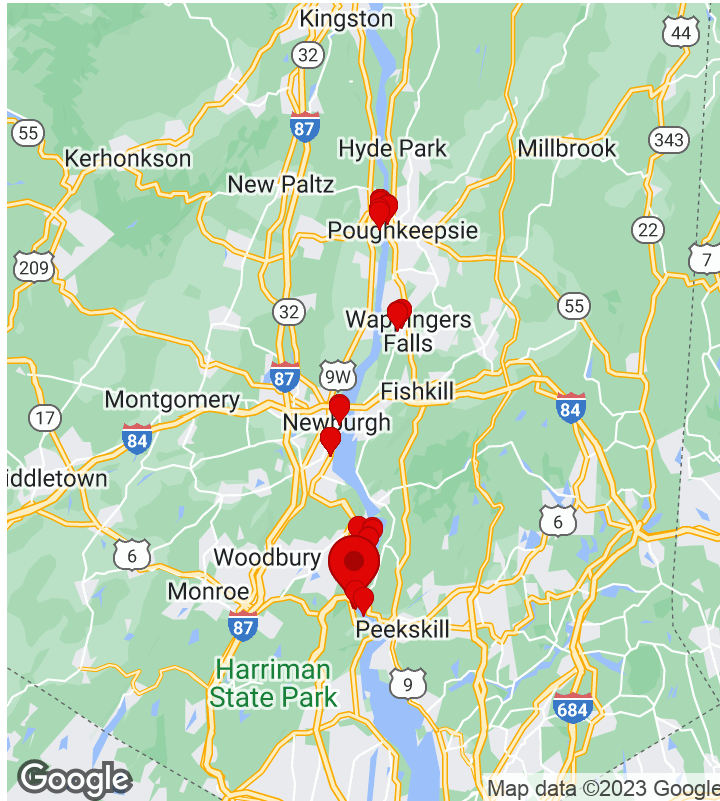
# New York Data Collection - Final



Investigation of data points along the Hudson River, Wappingers Falls, Highland Falls Township, New Windsor Township, Newburgh Township, Harlem River and the Palisades Neighborhood.

## January 11, 2023

7/9/2023, 3:52:49 PM UTC



### CREATED

🕒 1/11/2023, 1:01:18 PM UTC

👤 by Monique Rydel

### UPDATED

🕒 7/9/2023, 3:52:49 PM UTC

👤 by Monique Rydel

### LOCATION

📍 41.311332, -73.985582

## General Report Information

Start Date	January 11, 2023
River/Body of Water	Hudson River, Highland Falls Township, Newburgh Township, New Windsor Township, Wappingers Falls
Personnel	Seth Jones, Monique Rydel, Susan Pulliam
Start Time	08:01
Travel Method	Land

## Weather Information

Air Temperature (c)	-3.3
Wind Speed (mph)	4.3

## Site Locations (27 Items)

### Site Locations - 1. Hudson, 1

#### Weather

Air Temperature (c)	-3.3
Weather Condition	Overcast
Wind Speed (mph)	4.3
Humidity (%)	68
Precipitation (mm)	0

#### Details for Site

Way Point Prefix	Hudson
Way Point Number	1
Time at Way Point	08:05
Way Point Description	Stiffening Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

General Site Notes | Old stiffening pole.

#### Site Photos



## Site Locations - 2. Hudson, 1.1

### Weather

Air Temperature (c)	-3.3
Weather Condition	Overcast
Wind Speed (mph)	4.3
Humidity (%)	68
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Hudson
Way Point Number	1.1
Time at Way Point	08:13
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No

**Was there a general site sample collected?** | No

**General Site Notes** | Another old pole with conduit wrapping. There is evidence of newer, 70's telecom line.

**Site Photos**



**Site Locations - 3. Hudson, 1.2**

**Weather**

<b>Air Temperature (c)</b>	-3.9
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	4.3
<b>Humidity (%)</b>	68
<b>Precipitation (mm)</b>	0

**Details for Site**

<b>Way Point Prefix</b>	Hudson
<b>Way Point Number</b>	1.2
<b>Time at Way Point</b>	08:51

<b>Way Point Description</b>	Old Telephone Pole
<b>Are there visible signs indicating a cable crossing?</b>	No
<b>Is there visible cable at location?</b>	No
<b>Was there a general site sample collected?</b>	No

**General Site Notes** | See notes on Hudson 1. Old conduit on this side. With newer 70's line.

**Site Photos**



## Site Locations - 4. Hudson, 1.3

### Weather

Air Temperature (c)	-3.3
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	68
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Hudson
Way Point Number	1.3
Time at Way Point	09:42
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

**General Site Notes** | Same as others in Site 1. Old pole with 70's cable coming through.

### Site Photos



### Site Locations - 5. Highland Falls, 1

#### Weather

Air Temperature (c)	-3.3
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	68
Precipitation (mm)	0

#### Details for Site

Way Point Prefix	Highland Falls
Way Point Number	1
Time at Way Point	09:58
Way Point Description	Overhead, Exposed Leaded Telecom Cable
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	Yes

How many cables are visible?	1
Is lead visible?	Yes
Was there a general site sample collected?	No

### Specific Cable Information

#### General Site Notes

Appears to still be in use. Approximately 700ft. No sample collected. Area under cable is all sidewalk, near apartments and dental office. Leaded cable appears to run throughout the town and is occasionally covered with a protective layer. Visible bare leaded splice boxes are at nearly every telephone pole. This point contains all photos for the bare leaded portion of cable. We did not continue collecting data for all of the visible splice points. There are lines running in close proximity to schools and playgrounds. Recommend further investigation.

#### Site Photos















## Site Locations - 6. Highland Falls, 2

### Weather

Air Temperature (c)	-3.3
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	68

Precipitation (mm)	0
--------------------	---

## Details for Site

Way Point Prefix	Highland Falls
Way Point Number	2
Time at Way Point	10:01
Way Point Description	Overhead, Exposed Leaded Telecom Cable
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	Yes
How many cables are visible?	1
Is lead visible?	Yes
Was there a general site sample collected?	No

## Specific Cable Information

General Site Notes	One cable goes into spice box. Another starts. See notes under Highland Falls 1.
--------------------	--

Site Photos



### Site Locations - 7. Highland Falls, 3

#### Weather

Air Temperature (c)	-3.3
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2

Humidity (%)	68
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Highland Falls
Way Point Number	3
Time at Way Point	10:03
Way Point Description	Overhead, Exposed Leaded Telecom Cable
Are there visible signs indicating a cable crossing?	N/A
Is there visible cable at location?	Yes
How many cables are visible?	1
Is lead visible?	Yes
Was there a general site sample collected?	No

### Specific Cable Information

General Site Notes	See notes under Highland Falls 1.
--------------------	-----------------------------------

#### Site Photos





## Site Locations - 8. Hudson, 2

### Weather

Air Temperature (c)	-2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	5.6
Humidity (%)	63
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Hudson
Way Point Number	2
Time at Way Point	10:24
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

**General Site Notes** | Old concrete block with ceramic tile conduit, similar to what we found in NJ. Evidence of old telephone pole running between Hudson 2 and Hudson 2.1.

### Site Photos



## Site Locations - 9. Hudson, 2.1

### Weather

Air Temperature (c)	-2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	5.6
Humidity (%)	63
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Hudson
Way Point Number	2.1
Time at Way Point	10:30
Way Point Description	Manhole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No
General Site Notes	Bell Systems MHx1.

### Site Photos



### Site Locations - 10. Highland Falls, 4

### Weather

Air Temperature (c)	-2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	5.6

<b>Humidity (%)</b>	63
<b>Precipitation (mm)</b>	0

### Details for Site

<b>Way Point Prefix</b>	Highland Falls
<b>Way Point Number</b>	4
<b>Time at Way Point</b>	10:50
<b>Way Point Description</b>	Overhead, Exposed Leaded Telecom Cable
<b>Are there visible signs indicating a cable crossing?</b>	No
<b>Is there visible cable at location?</b>	Yes
<b>How many cables are visible?</b>	1
<b>Is lead visible?</b>	Yes
<b>Was there a general site sample collected?</b>	No

### Specific Cable Information

**General Site Notes** | Reference notes in Highland Falls 1. Entire town has sections of bare leaded cables.

**Site Photos**



## Site Locations - 11. New Windsor, 1

### Weather

Air Temperature (c)	0
Weather Condition	Partly cloudy
Wind Speed (mph)	4.3
Humidity (%)	58
Precipitation (mm)	0

### Details for Site

Way Point Prefix	New Windsor
Way Point Number	1
Time at Way Point	11:29
Way Point Description	Overhead, Exposed Leaded Telecom Cable
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	Yes
How many cables are visible?	1
Is lead visible?	Yes
Was there a general site sample collected?	Yes

## General Sample (GS) Information (2 Items)

### General Sample (GS) Information - 1. Sediment Collection, 1

Type of Sample for GS	Sediment Collection
Location of Collected Sample - GS	Underneath Damaged splice box.
Time of Collection - GS	11:31
Sample Prefix - GS	New Windsor
Sample ID (#) - GS	1
Additional Notes - GS (if any)	None.
Photo of GS Sample(s)	



### General Sample (GS) Information - 2. Lead Scraping, 1

Type of Sample for GS	Lead Scraping
Location of Collected Sample - GS	From leaded cable/splice.
Time of Collection - GS	11:37
Sample Prefix - GS	New Windsor
Sample ID (#) - GS	1
Additional Notes - GS (if any)	Damaged leaded cable going into the ground near intersection. Sample was originally sent to the lab 12 January 2023. It was returned from the lab and resent 25 January 2023.

#### Photo of GS Sample(s)



### Specific Cable Information

General Site Notes	Verizon.
--------------------	----------

#### Site Photos



## Site Locations - 12. New Windsor, 2

### Weather

Air Temperature (c)	0
Weather Condition	Partly cloudy
Wind Speed (mph)	4.3

<b>Humidity (%)</b>	58
<b>Precipitation (mm)</b>	0

### Details for Site

<b>Way Point Prefix</b>	New Windsor
<b>Way Point Number</b>	2
<b>Time at Way Point</b>	11:35
<b>Way Point Description</b>	Control Location
<b>Are there visible signs indicating a cable crossing?</b>	N/A
<b>Is there visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	Yes

### General Sample (GS) Information (1 Item)

#### General Sample (GS) Information - 1. Sediment Collection, 2

<b>Type of Sample for GS</b>	Sediment Collection
<b>Location of Collected Sample - GS</b>	Within Control Sample Limits
<b>Time of Collection - GS</b>	11:35
<b>Sample Prefix - GS</b>	New Windsor
<b>Sample ID (#) - GS</b>	2
<b>Additional Notes - GS (if any)</b>	Control Location.

**Photo of GS Sample(s)**



<b>General Site Notes</b>	Control Sediment.
---------------------------	-------------------

**Site Photos**

## Site Locations - 13. New Windsor, 3

### Weather

Air Temperature (c)	0
Weather Condition	Partly cloudy
Wind Speed (mph)	4.3
Humidity (%)	58
Precipitation (mm)	0

### Details for Site

Way Point Prefix	New Windsor
Way Point Number	3
Time at Way Point	12:14
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

**General Site Notes** | Walked the site. No visible manholes or signage. New Windsor has overhead leaded lines and splice boxes like the other towns before. Spoke with a Verizon worker, who mentioned that lead is a huge problem in the area. Recommend follow up.

### Site Photos





### Site Locations - 14. Newburgh, 1

#### Weather

Air Temperature (c)	0.6
Weather Condition	Sunny
Wind Speed (mph)	2.2
Humidity (%)	56
Precipitation (mm)	0

#### Details for Site

Way Point Prefix	Newburgh
Way Point Number	1
Time at Way Point	12:21
Way Point Description	Overhead, Exposed Leaded Telecom Cable
Are there visible signs indicating a cable crossing?	N/A
Is there visible cable at location?	Yes

<b>How many cables are visible?</b>	4
<b>Is lead visible?</b>	Yes
<b>Was there a general site sample collected?</b>	No

### Specific Cable Information

#### General Site Notes

Overhead lines throughout town. Verizon worker said lead is a huge issue in the area. They remove only when necessary repairs are required. There is a plastic umbrella covering many areas, called a squirrel guard to keep them from eating the cables and damaging the lines. Recommend further investigation.

#### Site Photos



## Site Locations - 15. Wappingers Falls, 1

### Weather

Air Temperature (c)	1.7
Weather Condition	Sunny
Wind Speed (mph)	5.6
Humidity (%)	56
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Wappingers Falls
Way Point Number	1
Time at Way Point	14:03
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

**General Site Notes** | Verizon. Area is generally overgrown. Limited access to the water. Spoke with homeowner at adjacent property, who mentioned there were overhead cables previously. Possible that water cables are still there.

### Site Photos



## Site Locations - 16. Wappingers Falls, 1.1

### Weather

Air Temperature (c)	2.2
Weather Condition	Sunny
Wind Speed (mph)	5.6
Humidity (%)	54
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Wappingers Falls
Way Point Number	1.1
Time at Way Point	14:20
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No

**Was there a general site sample collected?**

No

**General Site Notes**

Old cut pole. Trees with newer lines coiled up.

**Site Photos**





### Site Locations - 17. Wappingers Falls, 1.3

#### Weather

Air Temperature (c)	2.2
Weather Condition	Sunny
Wind Speed (mph)	5.6
Humidity (%)	54
Precipitation (mm)	0

#### Details for Site

Way Point Prefix	Wappingers Falls
Way Point Number	1.3
Time at Way Point	14:22
Way Point Description	Old Telephone Pole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	Yes



How many cables are visible?	1
Is lead visible?	Yes
Was there a general site sample collected?	No

### Specific Cable Information

General Site Notes	Old pole with newer lines coiled up.
--------------------	--------------------------------------

#### Site Photos



### Site Locations - 18. Wappingers Falls, 2

#### Weather

Air Temperature (c)	2.2
Weather Condition	Sunny
Wind Speed (mph)	5.6
Humidity (%)	54
Precipitation (mm)	0

## Details for Site

Way Point Prefix	Wappingers Falls
Way Point Number	2
Time at Way Point	14:43
Way Point Description	Manhole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

General Site Notes | Bell Systems MHx1.

## Site Photos



## Site Locations - 19. Wappingers Falls, 2.1

### Weather

Air Temperature (c)	2.2
Weather Condition	Sunny
Wind Speed (mph)	5.6
Humidity (%)	54
Precipitation (mm)	0

## Details for Site

Way Point Prefix	Wappingers Falls
Way Point Number	2.1
Time at Way Point	14:45

<b>Way Point Description</b>	Manhole
<b>Are there visible signs indicating a cable crossing?</b>	No
<b>Is there visible cable at location?</b>	No
<b>Was there a general site sample collected?</b>	No

<b>General Site Notes</b>	Bell Systems MHx1.
---------------------------	--------------------

**Site Photos**



**Site Locations - 20. Hudson, 3**

**Weather**

<b>Air Temperature (c)</b>	2.2
<b>Weather Condition</b>	Partly cloudy
<b>Wind Speed (mph)</b>	2.2
<b>Humidity (%)</b>	52
<b>Precipitation (mm)</b>	0

**Details for Site**

<b>Way Point Prefix</b>	Hudson
<b>Way Point Number</b>	3
<b>Time at Way Point</b>	15:31
<b>Way Point Description</b>	Sign
<b>Are there visible signs indicating a cable crossing?</b>	Yes
<b>Identify what the signs say.</b>	Cable Crossing.
<b>Is there visible cable at location?</b>	No

Was there a general site sample collected? | No

General Site Notes | New sign covering old sign.

Site Photos



Site Locations - 21. Hudson, 3.1

Weather

Air Temperature (c)	2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	52
Precipitation (mm)	0

Details for Site

Way Point Prefix	Hudson
Way Point Number	3.1
Time at Way Point	15:32

Way Point Description	Sign, Cable Location
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	See photo
Is there visible cable at location?	Yes
How many cables are visible?	7
Is lead visible?	Yes
Was there a general site sample collected?	See Specific Cable or Water

### Specific Cable Information (1 Item)

#### Specific Cable Information - 1. 1, 2, 3, 4, 5, 6, 7

Cable #	1, 2, 3, 4, 5, 6, 7
Visible Length (ft)	15
Type of Cable (Power, Telecom, Fiber Optic, Other)	Telecom, Power
Is this a leaded cable?	Yes
Is the cable(s) Terrestrial, Submarine or Both?	Submarine
Was there a sample collected?	Yes
How many samples collected?	1

### Sample Information - Specific Cable (1 Item)

#### Sample Information - Specific Cable - 1. Water: Directly on Cable, 3.1

Type of Sample for Specific Cable	Water: Directly on Cable
If more than one cable, what Cable was Sample collected from?	All
Time of Collection - Specific Cable	16:24
Sample Prefix - Specific Cable	Hudson
Sample ID (#) - Specific Cable	3.1
Additional Notes - Specific Cable Sample (if any)	None.
Photo of Specific Cable Sample(s)	



**General Site Notes**

Old bell sign framing located at the base of the electric sign. 7 Cables in the same location.

**Site Photos**









## Site Locations - 22. Hudson, 3.2

### Weather

Air Temperature (c)	2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	52
Precipitation (mm)	0

### Details for Site

Way Point Prefix	Hudson
Way Point Number	3.2
Time at Way Point	15:44
Way Point Description	Manhole
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No

Was there a general site sample collected?	No
--	----

General Site Notes	Bell Systems MHx1.
--------------------	--------------------

**Site Photos**



**Site Locations - 23. Hudson, 3.3**

**Weather**

Air Temperature (c)	2.2
Weather Condition	Partly cloudy
Wind Speed (mph)	2.2
Humidity (%)	52
Precipitation (mm)	0

**Details for Site**

Way Point Prefix	Hudson
Way Point Number	3.3
Time at Way Point	15:45
Way Point Description	Manhole, Buried Cable at this location.
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No
Was there a general site sample collected?	No

General Site Notes	Bell Systems MHx1. Buried Cable at this location. Possible vault access in sidewalk behind MH.
--------------------	--

**Site Photos**



### Site Locations - 24. Hudson, 3.4

#### Weather

Air Temperature (c)	1.7
Weather Condition	Overcast
Wind Speed (mph)	3.8
Humidity (%)	54
Precipitation (mm)	0

#### Details for Site

Way Point Prefix	Hudson
Way Point Number	3.4
Time at Way Point	16:30
Way Point Description	Cable Location, Old Telephone Pole
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	Reference Hudson 3.1
Is there visible cable at location?	Yes
How many cables are visible?	3
Is lead visible?	Yes
Was there a general site sample collected?	See Specific Cable or Water

#### Specific Cable Information (1 Item)

### Specific Cable Information - 1. All

Cable #	All
Visible Length (ft)	50
Type of Cable (Power, Telecom, Fiber Optic, Other)	Telecom, Power
Is this a leaded cable?	Yes
Is the cable(s) Terrestrial, Submarine or Both?	Both
Was there a sample collected?	Yes
How many samples collected?	2

### Sample Information - Specific Cable (2 Items)

#### Sample Information - Specific Cable - 1. Sediment Collection, 3.4

Type of Sample for Specific Cable	Sediment Collection
If more than one cable, what Cable was Sample collected from?	All
Location of Collected Specific Cable Sample	Under the Cable
Time of Collection - Specific Cable	16:31
Sample Prefix - Specific Cable	Hudson
Sample ID (#) - Specific Cable	3.4
Additional Notes - Specific Cable Sample (if any)	None.

Photo of Specific Cable Sample(s)



## Sample Information - Specific Cable - 2. Lead Scraping, 3.4

Type of Sample for Specific Cable	Lead Scraping
If more than one cable, what Cable was Sample collected from?	1
Time of Collection - Specific Cable	16:33
Sample Prefix - Specific Cable	Hudson
Sample ID (#) - Specific Cable	3.4
Additional Notes - Specific Cable Sample (if any)	No notes related to the field. The Sample was originally sent to the lab 12 January 2023. It was returned from the lab and resent 25 January 2023.

### Photo of Specific Cable Sample(s)



General Site Notes	Please reference Hudson 3 through 3.6.
--------------------	--

### Site Photos



**Site Locations - 25. Hudson, 4**

**Weather**

Air Temperature (c)	1.7
Weather Condition	Overcast
Wind Speed (mph)	3.8
Humidity (%)	54
Precipitation (mm)	0

**Details for Site**

Way Point Prefix	Hudson
Way Point Number	4
Time at Way Point	16:46
Way Point Description	Water Intake
Are there visible signs indicating a cable crossing?	No
Is there visible cable at location?	No

Was there a general site sample collected?	See Specific Cable or Water
--	-----------------------------

## Water Control, Intake, or Drinking Fountain Information (1 Item)

### Water Control, Intake, or Drinking Fountain Information - 1. Water: Surface

Type of Sample for Water Control, Intake or Drinking Fountain	Water: Surface
---	----------------

Was there a Water Control, Intake, or Drinking Fountain sample collected?	Yes
---	-----

How many Water Control, Intake, or Drinking Fountain samples collected?	1
---	---

## Sample Information - Water Control, Intake, or Drinking Fountain (1 Item)

### Sample Information - Water Control, Intake, or Drinking Fountain - 1. Hudson, 4

Location of Collected Water Control, Intake or Drinking Fountain Sample	Near Intake
---	-------------

Time of Collection - Water Control, Intake, or Drinking Fountain	16:47
--	-------

Sample Prefix - Water Control, Intake, or Drinking Fountain	Hudson
---	--------

Sample ID (#) - Water Control, Intake, or Drinking Fountain	4
---	---

Additional Notes - Water Control, Intake, or Drinking Fountain Sample (if any)	None.
--	-------

Photo of Water Control, Intake, or Drinking Fountain Sample(s)	
--	--



**General Site Notes**

**Site Photos**





**Site Locations - 26. Hudson, 3.5**

**Weather**

Air Temperature (c)	1.7
Weather Condition	Overcast
Wind Speed (mph)	3.8
Humidity (%)	54
Precipitation (mm)	0

**Details for Site**

Way Point Prefix	Hudson
Way Point Number	3.5
Time at Way Point	16:58
Way Point Description	Sign, Old Telephone Pole
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	Sign is worn and not possible to read, but similar to others in the area.

Is there visible cable at location?	No
Was there a general site sample collected?	No

General Site Notes

Site Photos



Site Locations - 27. Hudson, 3.6

Weather

Air Temperature (c)	1.7
Weather Condition	Overcast
Wind Speed (mph)	3.8
Humidity (%)	54
Precipitation (mm)	0

Details for Site

Way Point Prefix	Hudson
Way Point Number	3.6

<b>Time at Way Point</b>	17:10
<b>Way Point Description</b>	Possible location for Old Bell insignia.
<b>Are there visible signs indicating a cable crossing?</b>	No
<b>Is there visible cable at location?</b>	No
<b>Was there a general site sample collected?</b>	No

<b>General Site Notes</b>	Spoke with a homeowner who lives near the tracks. He showed us an area where an old Bell sign was supposedly secured to a rock. There was a doctor back in the 1900's, who may have had utilities run to his home. There was also a historic hotel on top of the hill that would have had utilities. Further fact checking and investigation recommended.
---------------------------	---

#### Site Photos

