



## Memorandum

**To:** Bradley W. Russell, Ph.D.  
Historic Preservation Specialist - Archaeology  
New York State Historic Preservation Office

**From:** Moira Magni  
Project Archaeologist/Field Staff Coordinator  
EDR

**Date:** December 22, 2023

**Reference:** Hoffman Falls Wind Project  
Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York  
Phase IB Archaeological Survey Addendum Memo

On behalf of Hoffman Falls Wind LLC, a wholly owned subsidiary of Liberty Renewables Inc., EDR conducted approximately 2 acres of additional Phase IB archaeological survey for the proposed Hoffman Falls Wind Project (the Facility) on December 20, 2023. The purpose of this memorandum is to document the results of this additional Phase IB survey.

All archaeological services provided by EDR for the Project were conducted under the supervision of a Registered Professional Archaeologist who meets the Secretary of the Interior's Guidelines (per 36 CFR, Part 61) for Professional Qualifications in Archaeology. The work was conducted in accordance with the New York Archaeological Council's *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State* and the New York State Historic Preservation Office's (NYSHPO) *Phase I Archaeological Report Format Requirements*, as appropriate.

### **Project Background**

EDR completed a Phase IB archaeological survey of the Facility in the summer and fall of 2023 and submitted the *Phase IB Archaeological Survey Report* (EDR, 2023) to the New York Historic Preservation Office (NYSHPO) via the Cultural Resources Information System (CRIS) on December 13, 2023.

Since the completion of the *Phase IB Archaeological Survey Report* (EDR, 2023), Hoffman Falls Wind LLC has made minor revisions to the Facility layout, resulting in an additional 2 acres of Elevated Archaeological Sensitivity within the Area of Potential Effect that were not previously subjected to

Phase IB survey (see Figure 1, Sheets 1-3). EDR completed a supplemental survey within these 2 acres on December 20, 2023. This addendum memo has been prepared to present the results of the supplemental survey.

### **Results of Additional Phase IB Archaeological Survey**

On December 20, 2023, EDR Project Archaeologist Matthew Weiss and three EDR staff conducted a shovel testing survey involving the excavation of 32 shovel test pits at a 15-meter interval across approximately 2 acres of the Area of Potential Effect designated as having Elevated Archaeological Sensitivity, per NYSHPO's criteria and EDR's GIS-based archaeological sensitivity model (EDR, 2023a). Shovel test pits were 30 to 50 centimeters in diameter and were excavated to sterile subsoil or the practical limits of hand excavation (NYAC, 1994). Field data were recorded for each shovel test pit that described soil stratigraphy and recorded whether any artifacts were recovered. All soils excavated from STPs were screened through 0.25-inch hardware cloth. Shovel test pit data is included in Appendix A. During the survey, no cultural material was identified (see Figure 1, Sheets 1-3).



Photo 1. Crew excavating additional survey areas in A36 facing west

## Summary and Conclusions

Due to the lack of identified cultural material during the additional Phase IB survey, it is the opinion of EDR that no impacts to any potentially S/NRHP-eligible archaeological resources are anticipated. No further archaeological investigations are recommended.

If you have any questions or would like to discuss the information described herein, please contact me at [mmagni@edrdpc.com](mailto:mmagni@edrdpc.com) or (203) 312-3008, or Doug Pippin at [dpippin@edrdpc.com](mailto:dpippin@edrdpc.com) or (585) 752-6147.

Thank you very much for your time.

Sincerely,

A handwritten signature in black ink that reads "Moira E Magni". The signature is written in a cursive style with a large initial "M".

**Moira E Magni**  
EDR Project Archaeologist / Field Staff Coordinator

## **Attachments:**

- Figure 1. Phase IB Additional Testing Results
- Appendix A. Shovel Test Records
- Tested Area (shapefile)

## **References:**

Environmental Design & Research, D.P.C. (EDR). 2023. *Phase IB Archaeological Survey, Hoffman Falls Wind Project, Towns of Eaton, Fenner, Nelson, and Smithfield, Madison County, New York*. Prepared for Hoffman Falls Wind LLC by EDR, Syracuse, NY. December 2023.

EDR. 2023a. *Phase IA Archaeological Survey, Hoffman Falls Wind*. Revised report prepared for Liberty Renewables, Inc., by EDR, Syracuse, NY.

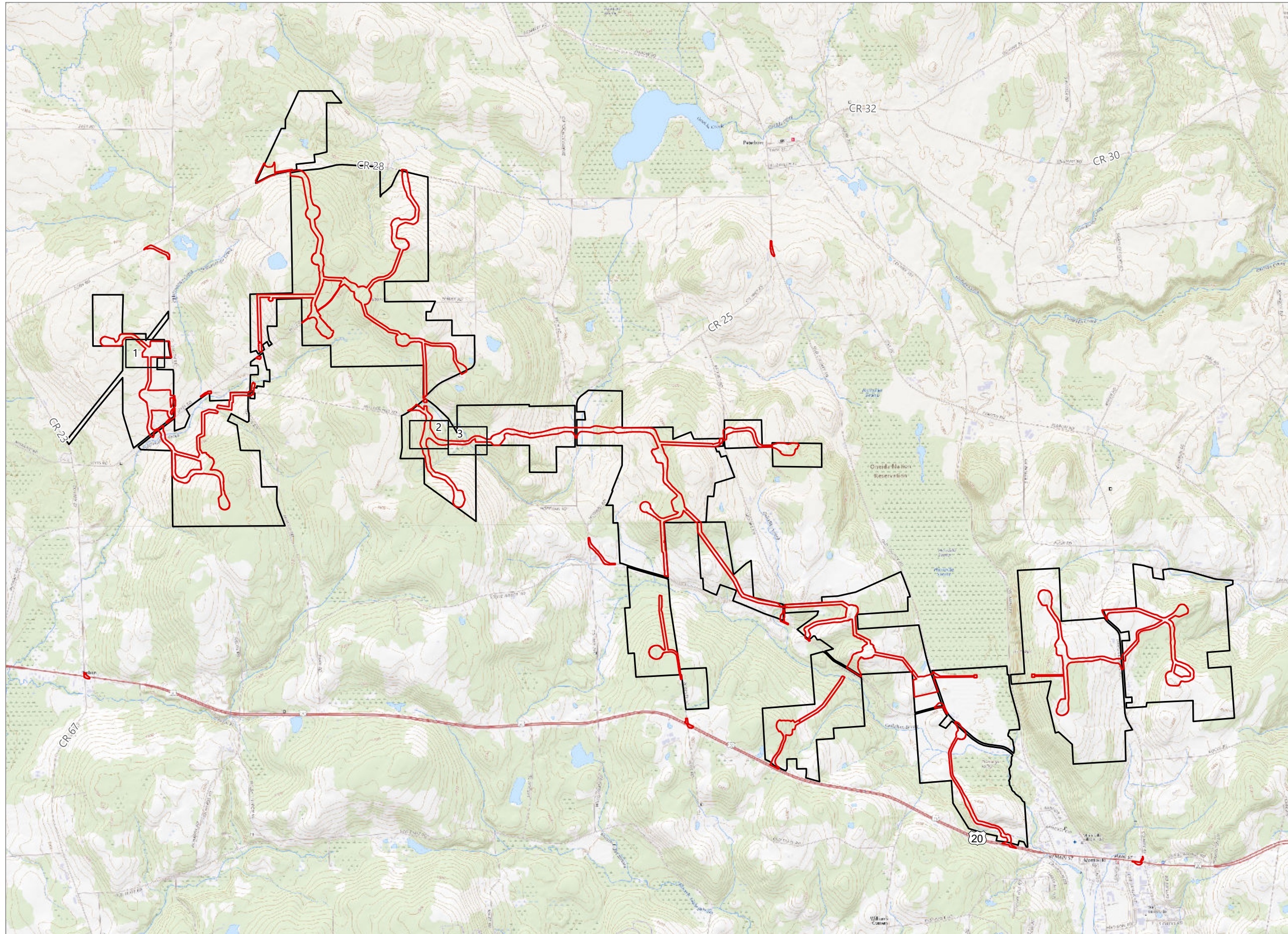
New York Archaeological Council (NYAC). 1994. *Standards for Cultural Resources Investigations and the Curation of Archaeological Collections in New York State*. New York State Office of Parks, Recreation, and Historic Preservation, Waterford, NY.



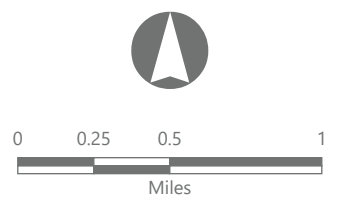
### Hoffman Falls Wind

Towns of Eaton, Fenner, Nelson and  
Smithfield, Madison County,  
New York

*Phase IB Additional Testing Memo*



- Area of Potential Effect
- Facility Site



Prepared December 21, 2023  
Basemap: Esri "USGS Topo" map service





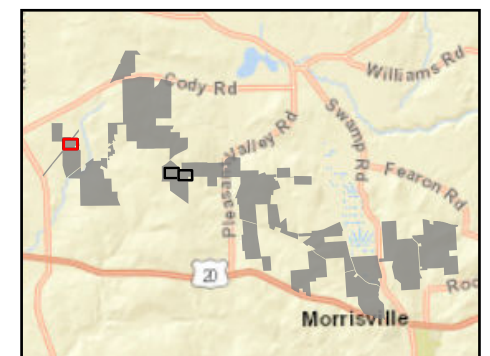
### Hoffman Falls Wind

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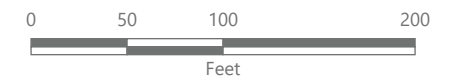
#### Phase IB Additional Testing Memo

##### Archaeological Investigation Results

- Shovel Test - No Cultural Material
  - Pedestrian Survey
  - Shovel Testing
  - Inundated
  - Elevated Archaeological Sensitivity
- ##### Proposed Facility Components
- Access Road
  - - - Collection Line
  - O&M Building
  - Laydown Yard
  - Temporary Turning Improvement
  - Area of Potential Effect
  - Facility Site



Sheet 1 of 3



Prepared December 21, 2023  
Basemap: USDA NAIP "2022 New York 60cm" orthoimagery map service

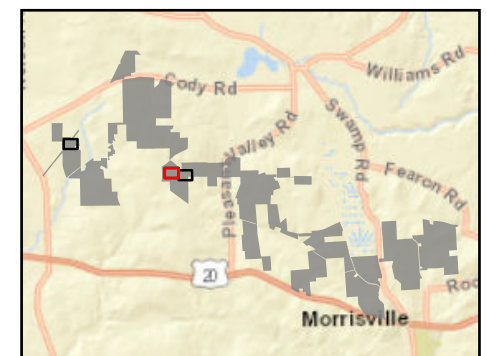


### Hoffman Falls Wind

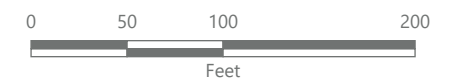
Towns of Eaton, Fenner, Nelson and  
Smithfield, Madison County,  
New York

#### Phase IB Additional Testing Memo

- Archaeological Investigation Results
- Shovel Test - No Cultural Material
  - Shovel Testing
- Existing Conditions
- Elevated Archaeological Sensitivity
- Proposed Facility Components
- Access Road
  - - - Collection Line
  - ▭ Temporary Turning Improvement
  - ▭ Area of Potential Effect
  - ▭ Facility Site



Sheet 2 of 3



Prepared December 21, 2023  
Basemap: USDA NAIP "2022 New York 60cm" orthoimagery map service



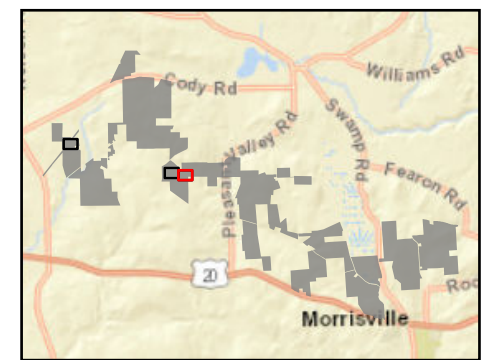
### Hoffman Falls Wind

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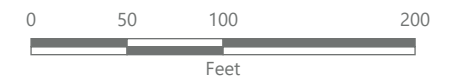
#### Phase IB Additional Testing Memo



- Archaeological Investigation Results**
- Shovel Test - No Cultural Material
  - Shovel Testing
- Existing Conditions**
- Map-Documented Structure
  - - - Road/Path/Trail
  - ▨ Disturbed
  - ▨ Steep Slope
  - Elevated Archaeological Sensitivity
- Proposed Facility Components**
- Access Road
  - - - Collection Line
  - ▭ Area of Potential Effect
  - ▭ Facility Site



Sheet 3 of 3



Prepared December 21, 2023  
 Basemap: USDA NAIP "2022 New York 60cm" orthoimagery map service



Shovel Test	Minimum Stratum Depth	Maximum Stratum Depth	Soil Color	Soil Texture	Contents	Comments
A26.035	0	35	10YR 4/2	Silt Loam	No Cultural Material (NCM)	In planted pine forest
A26.035	35	45	10YR 6/4	Silt Loam	NCM	None
A26.036	0	15	10YR 4/3	Silt Loam	NCM	None
A36.083	0	30	10YR 3/1	Silt Loam	NCM	None
A36.084	0	32	10YR 2/1	Silty Clay Loam	NCM	Saturated Ap; STP inundated
A36.085	0	30	10YR 4/2	Silt Loam	NCM	On edge of planted pine forest
A36.085	30	40	10YR 6/3	Silty Clay Loam	NCM	Started to inundated at strat break
A36.086	0	20	10YR 2/1	Silty Clay Loam	NCM	Saturated Ap; STP inundated
A36.087	0	32	10YR 2/1	Silt Loam	NCM	None
A36.088	0	36	10YR 5/4	Silt Loam	NCM	None
A36.089	0	30	10YR 4/2	Silt Loam	NCM	Dense subangular cobbles throughout. Shovel test inundated. Stopped for inundation
A36.090	0	28	10YR 4/2	Silt Loam	NCM	Edge of woods off of access road and near drainage. Shovel test inundated
A36.091	0	45	10YR 5/6	Sandy Loam	NCM	None
A44.092	0	29	10YR 4/3	Silt Loam	NCM	None
A44.092	29	39	10YR 5/3	Sandy Loam	NCM	None
A44.093	0	28	10YR 4/2	Silt Loam	NCM	Some rocks
A44.093	28	38	10YR 5/4	Silty Clay Loam	NCM	None
A44.094	0	32	10YR 4/3	Silt Loam	NCM	None
A44.094	32	42	10YR 5/4	Sandy Clay Loam	NCM	None
A44.095	0	26	10YR 4/3	Silt Loam	NCM	None
A44.096	0	26	10YR 4/2	Silt Loam	NCM	None
A44.096	26	29	10YR 2/1	Clay Loam	NCM	Thin E horizon
A44.096	29	39	10YR 5/4	Silty Clay Loam	NCM	None
A44.097	0	31	10YR 4/3	Silt Loam	NCM	None
A44.097	31	41	10YR 5/3	Sandy Loam	NCM	None
A44.098	0	32	10YR 3/2	Silt Loam	NCM	Ap
A44.098	32	43	10YR 5/3	Silty Clay Loam	NCM	Bt with decaying bedrock frags



Shovel Test	Minimum Stratum Depth	Maximum Stratum Depth	Soil Color	Soil Texture	Contents	Comments
A44.099	0	26	10YR 4/3	Silt Loam	NCM	None
A44.099	26	36	10YR 6/3	Sandy Loam	NCM	None
A44.100	0	30	10YR 4/2	Silt Loam	NCM	None
A44.100	30	40	10YR 5/4	Silty Clay Loam	NCM	None
A44.101	0	20	10YR 3/1	Silt Loam	NCM	Saturated Ap; near inundated swale; STP inundated
A44.102	0	35	10YR 4/3	Silt Loam	NCM	None
A44.102	35	45	10YR 5/6	Silty Clay Loam	NCM	None
A44.103	0	28	10YR 4/2	Silt Loam	NCM	Plowzone, alfalfa field covered in snow
A44.103	28	38	10YR 6/4	Silt Loam	NCM	None
A44.104	0	40	10YR 4/3	Silt Loam	NCM	None
A44.104	40	50	10YR 5/4	Sandy Loam	NCM	None
A44.105	0	30	10YR 4/2	Silt Loam	NCM	None
A44.105	30	40	10YR 5/4	Silty Clay Loam	NCM	None
A44.106	0	35	10YR 3/2	Silt Loam	NCM	Ap
A44.106	35	45	10YR 5/3	Silty Clay Loam	NCM	Bt with decaying bedrock frags
A44.107	0	35	10YR 4/2	Silt Loam	NCM	Plowzone alfalfa field
A44.107	35	45	10YR 6/4	Silt Loam	NCM	Sterile subsoil. Shovel test started to inundate at strat break
A44.108	0	33	10YR 4/3	Silt Loam	NCM	None
A44.108	33	43	10YR 5/4	Sandy Loam	NCM	None
A44.109	0	28	10YR 4/3	Silt Loam	NCM	None
A44.109	28	40	10YR 6/2	Sandy Loam	NCM	None
A44.110	0	32	10YR 3/2	Silt Loam	NCM	Ap
A44.110	32	42	10YR 6/3	Silty Clay Loam	NCM	Bt with decaying bedrock frags
A44.111	0	40	10YR 4/2	Silt Loam	NCM	Plowzone, alfalfa field
A44.111	40	50	10YR 6/4	Silt Loam	NCM	None
A44.112	0	32	10YR 4/2	Silt Loam	NCM	None
A44.112	32	42	10YR 5/4	Silty Clay Loam	NCM	None