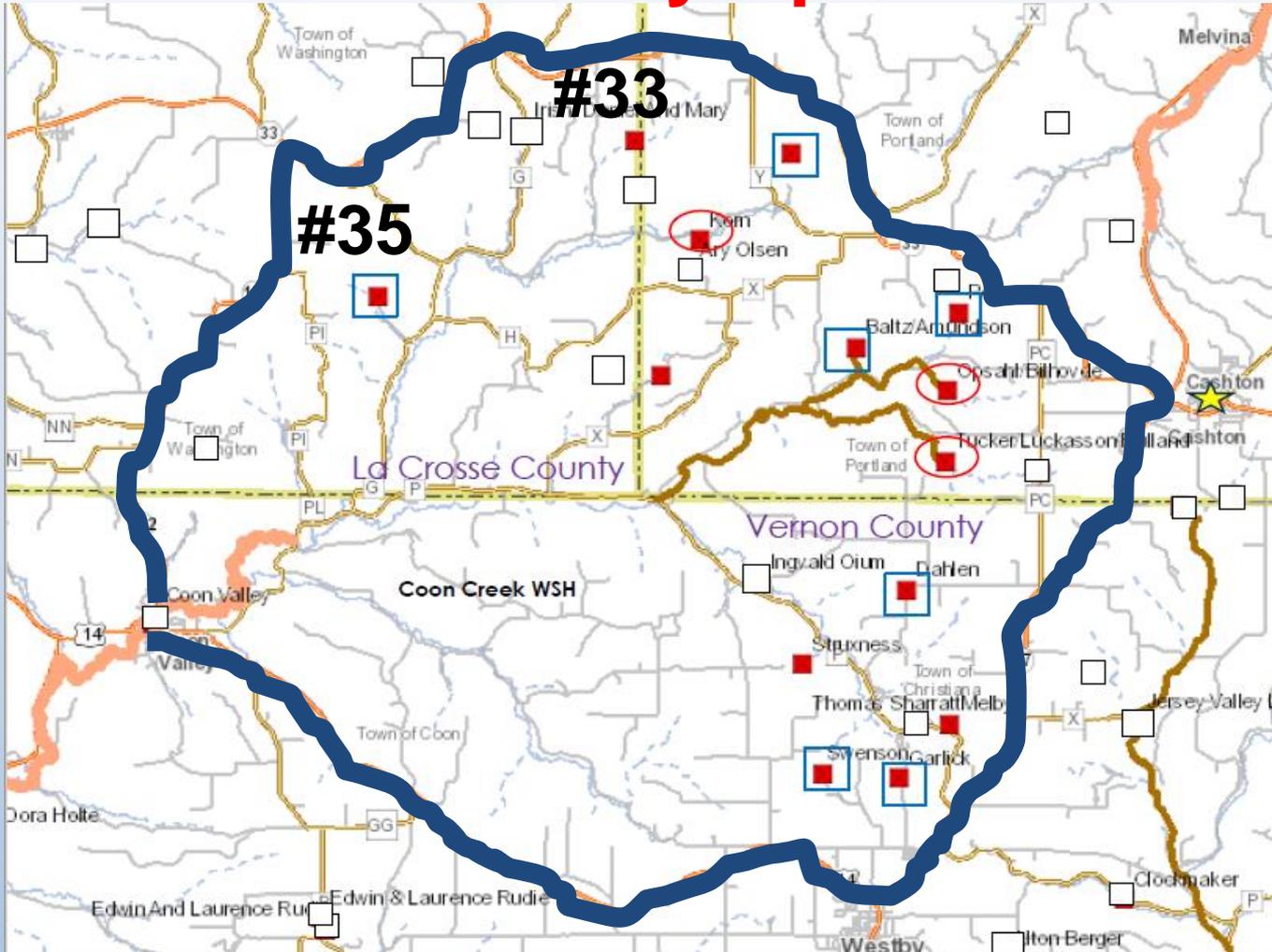


La Crosse County Update



Coon Creek Watershed

92,589 Acres

Coon Valley – 49,400 acres

14 - PL566 Dams = 25% D.A.

8 Overtopped & or Spillways ran

3 Structures breached

★ Meeting Location



"National Attention"

Coon Creek Structure #33

Hazard Rating: High

- Concrete Deterioration
- Pipe Joint Separation
- Deposition in Outlet Channel
- Access Road Wash Out
- Geologic Investigation
- Debris Removal

1. Concrete Deterioration





2. Pipe Joint Separation





3. Deposition in Outlet Channel



**4. Access Road
Wash Out**



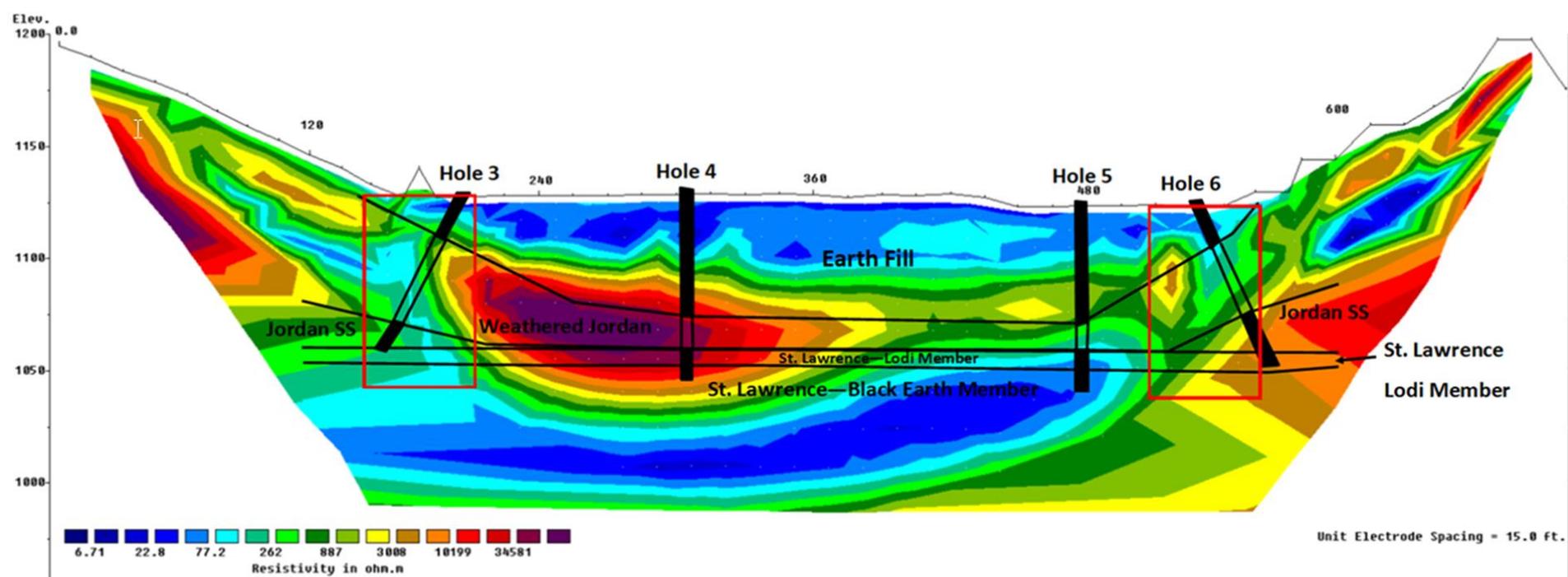
2019/07/25

Coon Creek Structure #33

5. Geologic Investigation

An aerial photograph showing a landscape with a pond, a field, and a wooded area. A red arrow points from the text '5. Geologic Investigation' to a specific area in the field. The pond is dark and irregularly shaped, located in the upper right. The field is green and has a grid-like pattern, located in the middle left. The wooded area is brown and green, located in the lower right. The text '5. Geologic Investigation' is written in red, bold, sans-serif font, rotated 45 degrees counter-clockwise. The arrow is also red and points from the text towards the field area.

2018 Electrical Resistivity Imaging #33 & 2010 Hollow Stem Drilling Samples #33



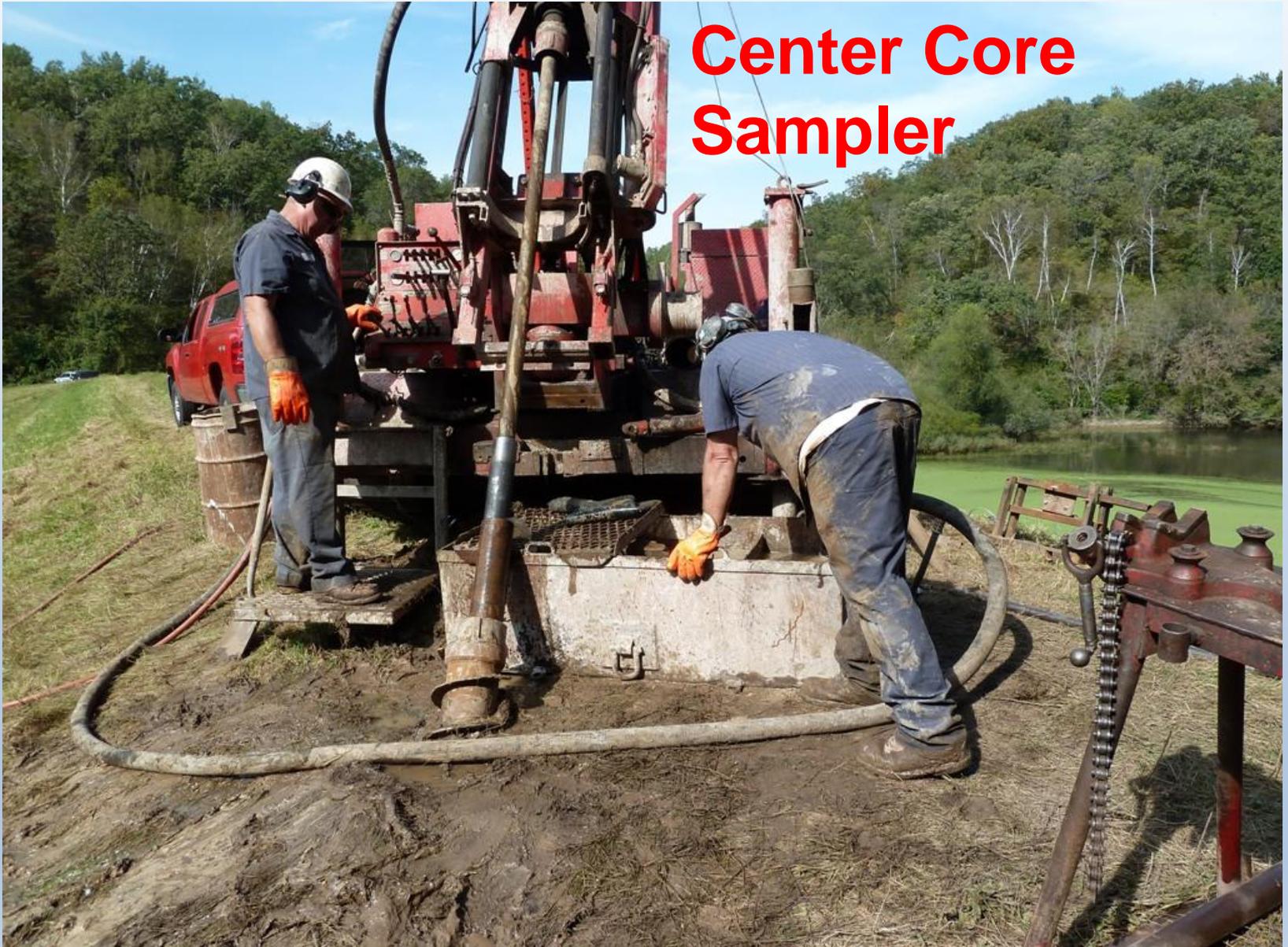
CC-33 ERI Line 1 DIP-DIP—48 electrode—15 foot spacing.



Hollow Stem Geologic Drilling

Hollow Stem
Drill Bits

Center Core Sampler



COON CREEK 33
TH-3 (S15°W @ 32° from Vert.)
Box 1 Run 1 (41-48.0)
Rec. - 46% RQD - 6/42
50%

9/14/10

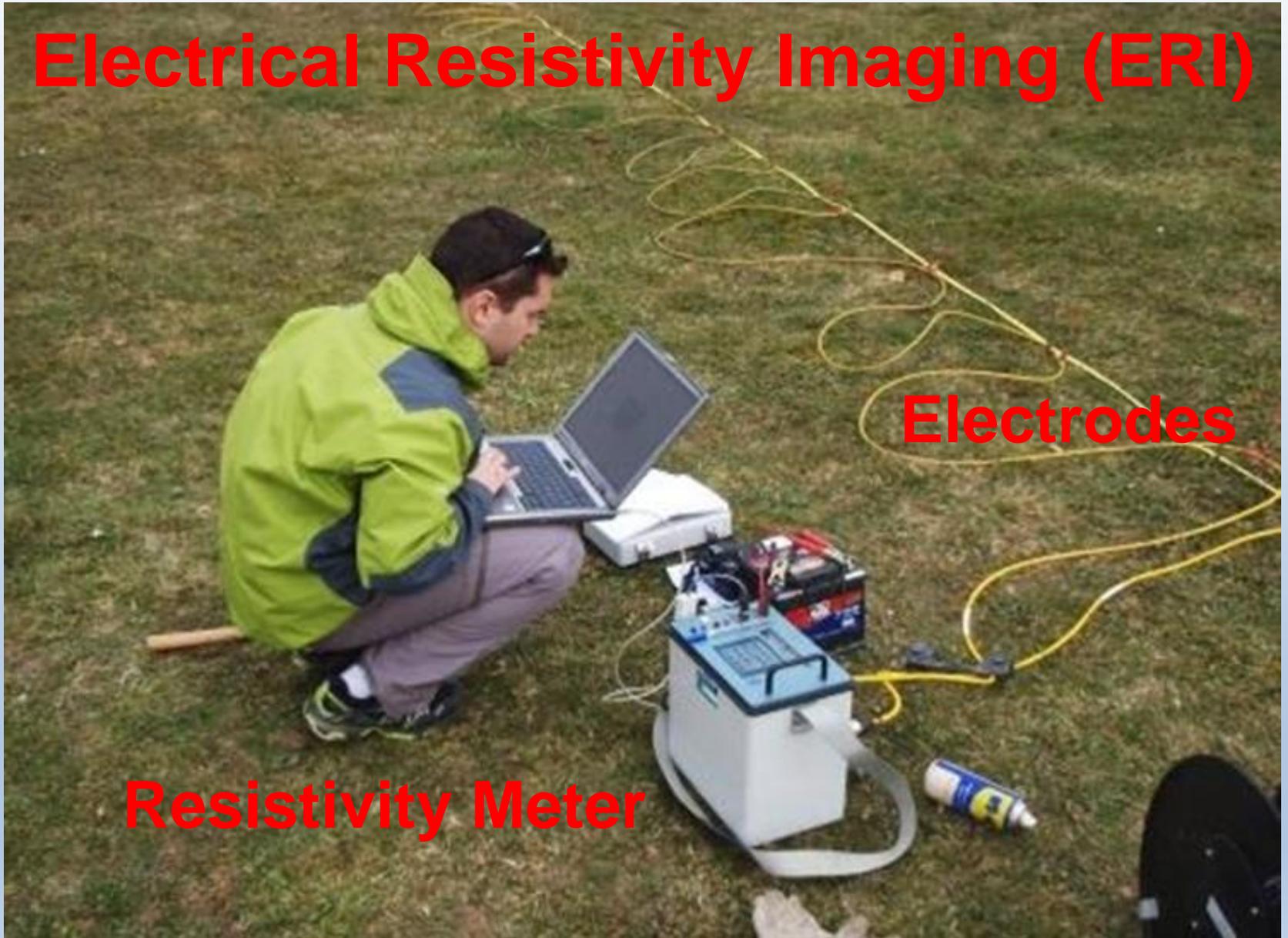


Core Analysis

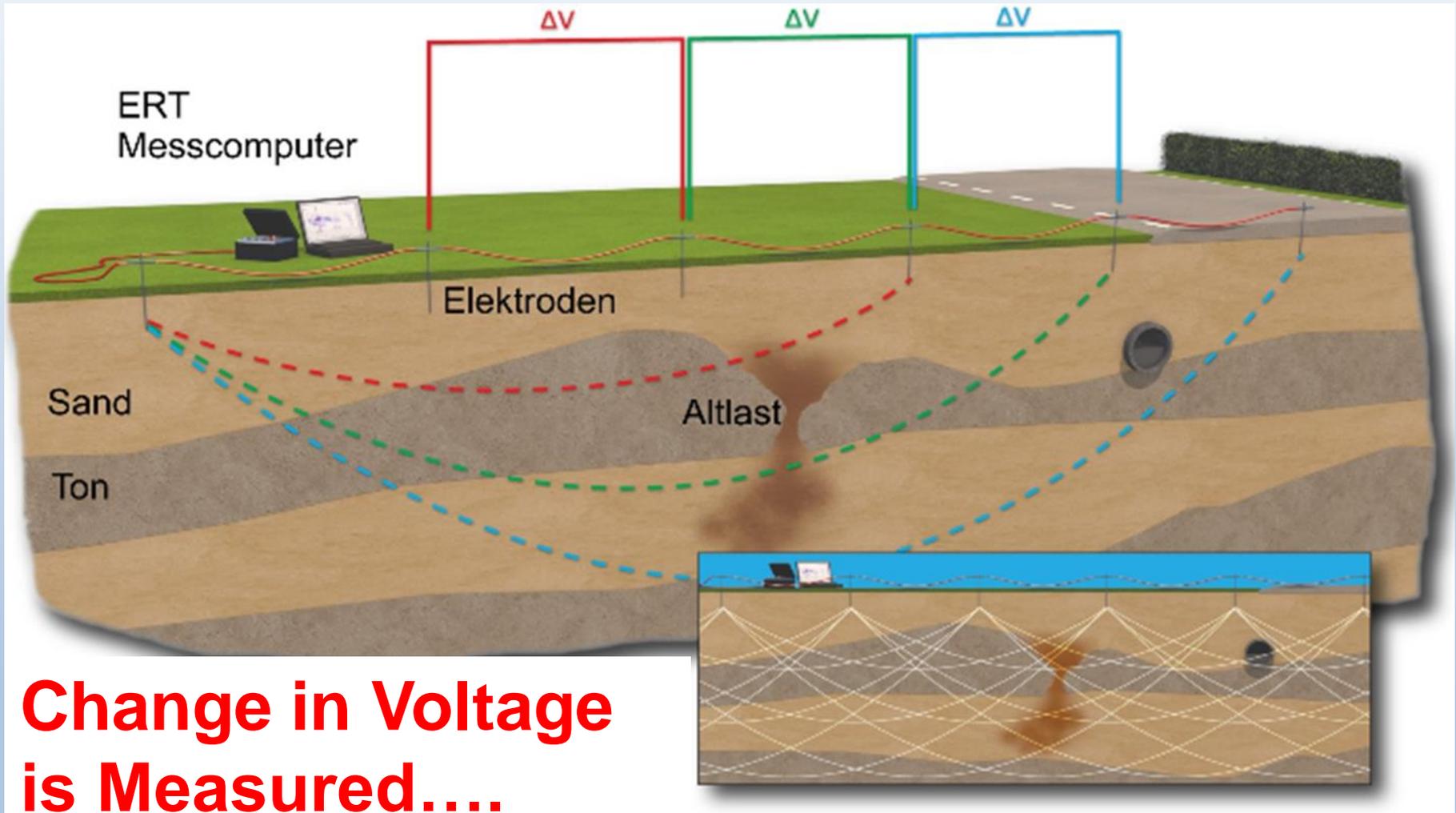
Electrical Resistivity Imaging (ERI)

Electrodes

Resistivity Meter

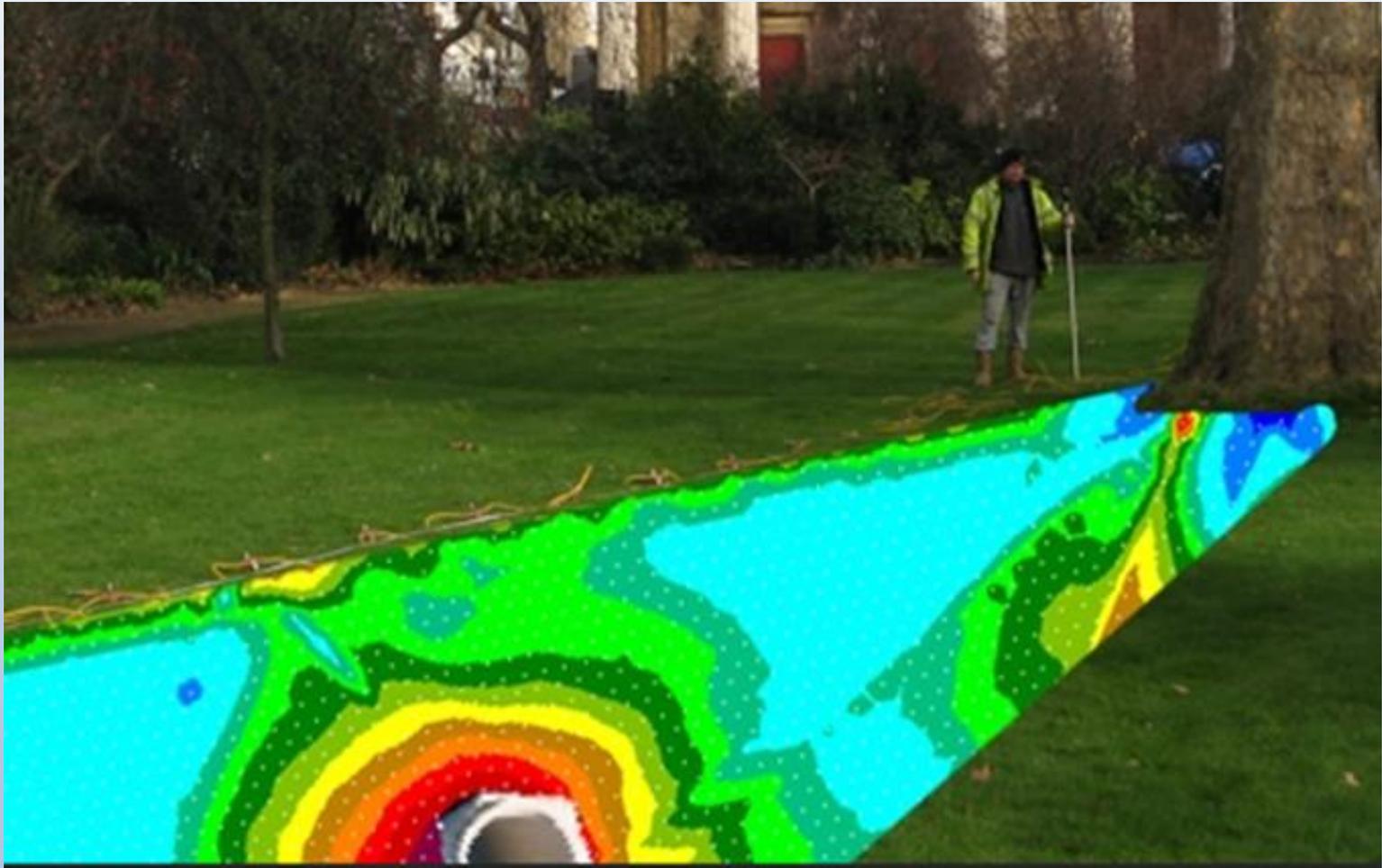


Electrical Resistivity Imaging (ERI)



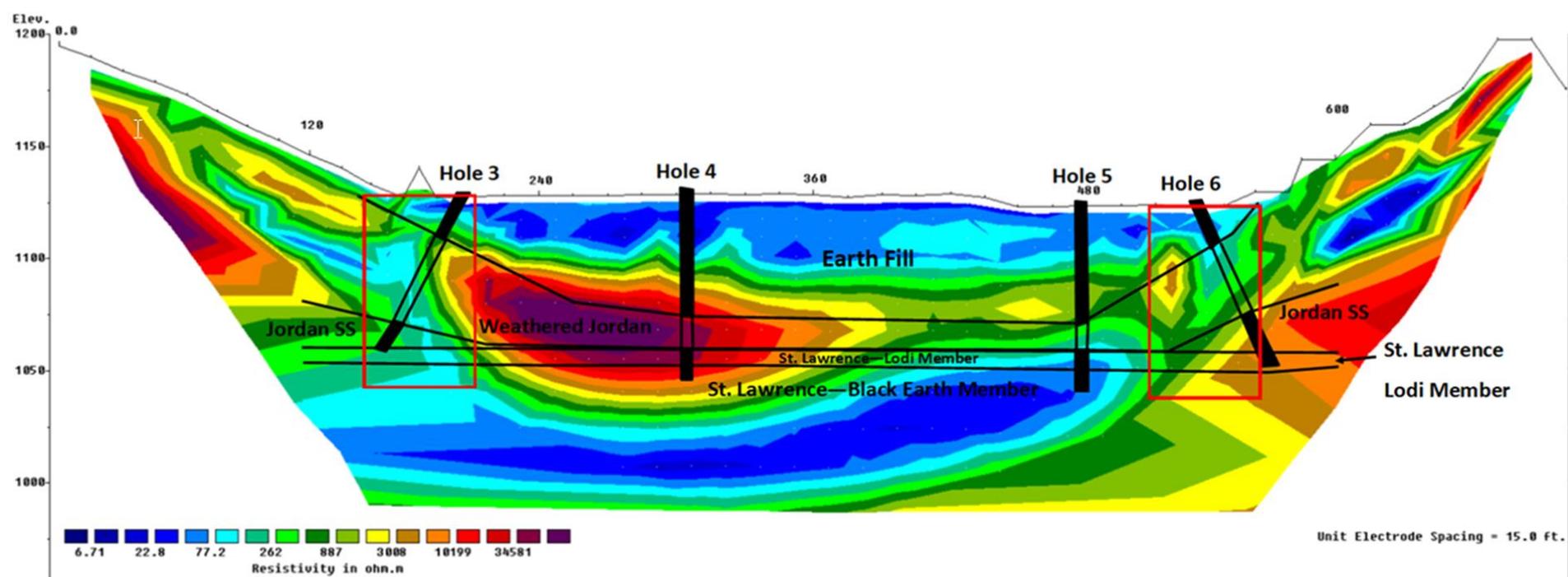
**Change in Voltage
is Measured....**

Electrical Resistivity Imaging (ERI)



Graphical Representation of Voltage Change...

2018 Electrical Resistivity Imaging #33 & 2010 Hollow Stem Drilling Samples #33

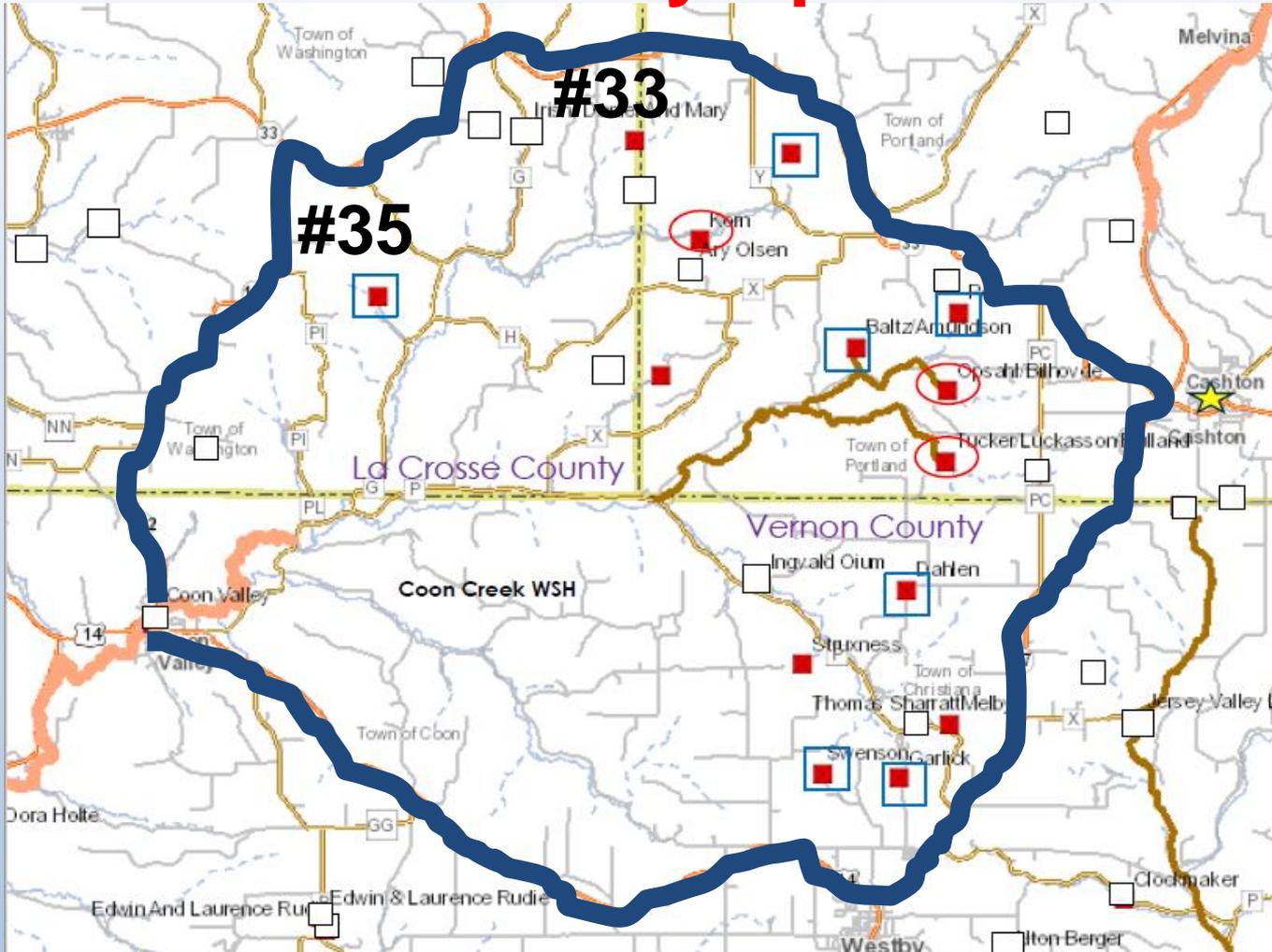


CC-33 ERI Line 1 DIP-DIP—48 electrode—15 foot spacing.

6. Debris Removal



La Crosse County Update



Coon Creek Watershed

92,589 Acres

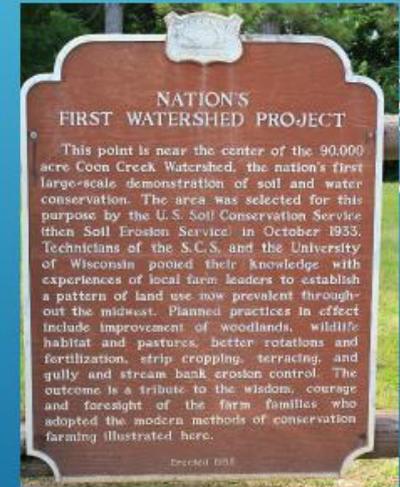
Coon Valley – 49,400 acres

14 - PL566 Dams = 25% D.A.

8 Overtopped & or Spillways ran

3 Structures breached

★ Meeting Location



"National Attention"



Coon Creek Structure #35

Hazard Rating: Low

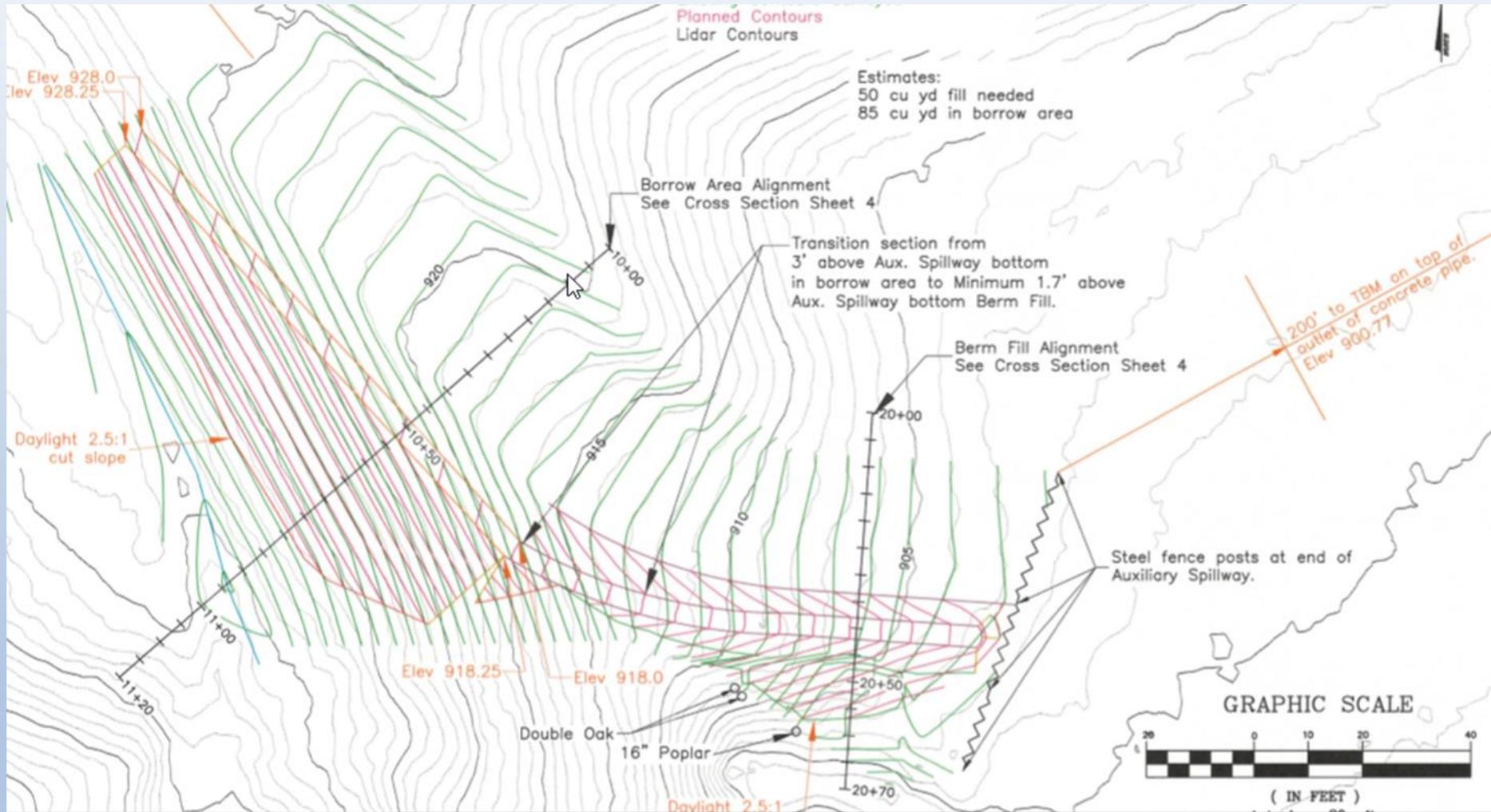
- Spillway Repair
- Sediment Accumulation
- Debris Removal







1. Spillway Repair



2. Sediment Accumulation



3. Debris Removal



TABLE 4 - SUMMARY OF PHYSICAL DATA

Coon Creek Watershed, Wisconsin

COON CREEK WATERSHED

La Crosse, Monroe and Vernon
Counties, Wisconsin

SOIL CONSERVATION SERVICE
3010 E. WASHINGTON AVENUE
MADISON 5, WISCONSIN

April 1958

Item	Unit	Quantity With out Project	
Watershed area	Sq. Mi.	144.7	
Watershed area	Ac.	92,589	
Area privately owned	Ac.	92,589	
Area non-Federal public	Ac.	0	
Area Federally owned	Ac.	0	
Area of cropland	Ac.	35,720	36,094
Area of grassland	Ac.	20,027	19,653
Area of woodland	Ac.	32,500	32,500
Protected	Ac.	9,860	20,860
Pastured	Ac.	22,640	11,640
Area of wildlife	Ac.	342	342
Area of farmsteads	Ac.	1,694	1,694
Area of roads, urban and other	Ac.	2,306	2,306
Overflow area subject to damage	Ac.	1,303	992
No. of Farms	No.	788	x x x
Average size of farms	Ac.	111.6	x x x

Thank You!

Coon Creek Structure #33

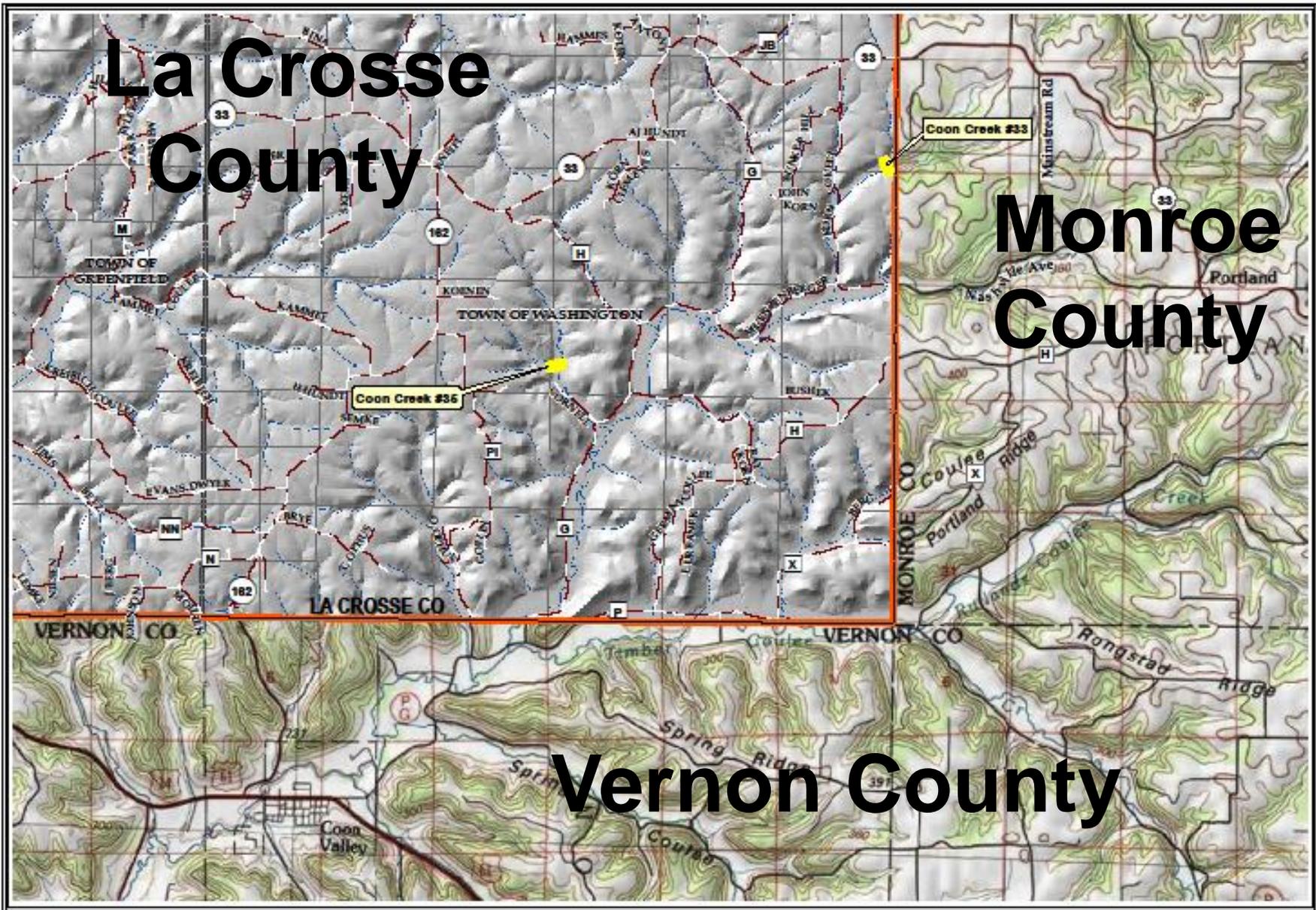
High Hazard

- Built: 1960
- Drainage Area: 1.9 sq. miles
- Dam Height: 41 feet
- Dam Length: 400 feet
- Length of Pipe: 201 feet
- Dam Volume: 67,600 cubic yards
- Maximum Storage: 215 acre feet
- Construction Cost: \$299,500

La Crosse County

Monroe County

Vernon County



1:72,000



La Crosse County, WI
PL 566 Structure Locations

Map prepared by: La Crosse County Department of Land Conservation

Legend

- County Limits
- La Crosse County Roads
- Streams
- Section/Town/Range