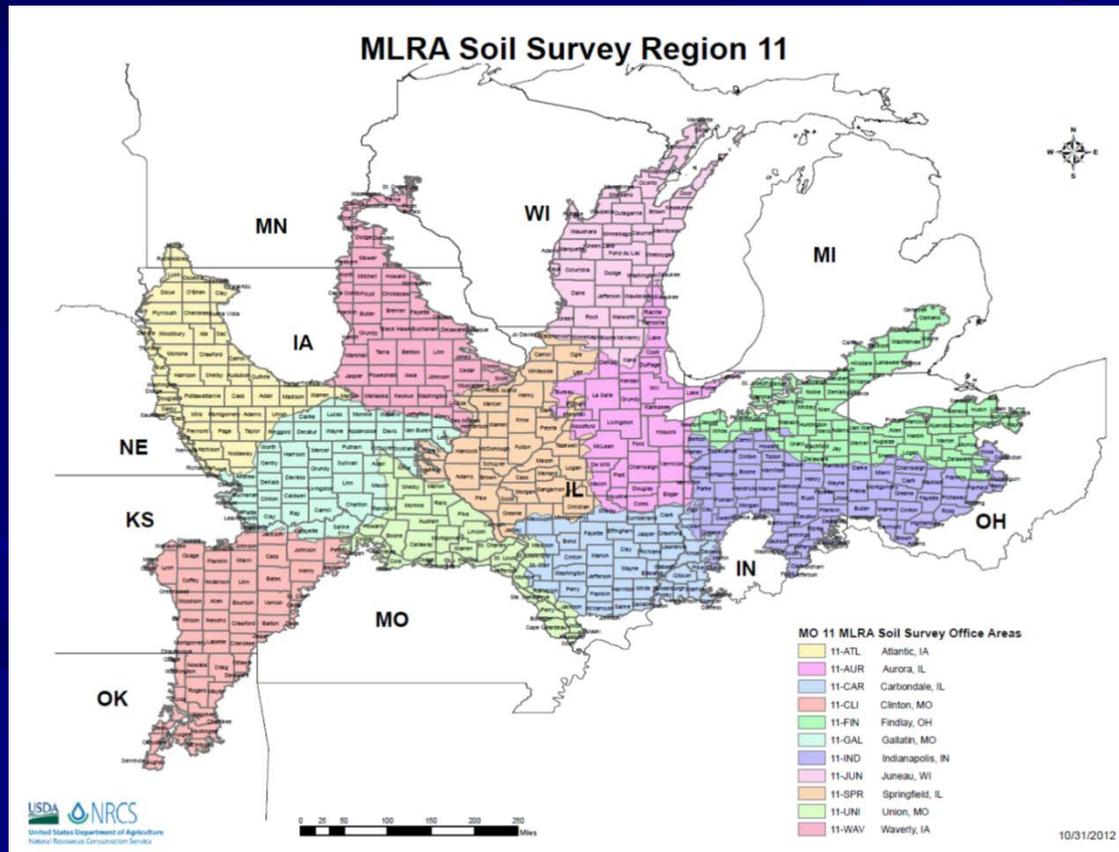


Soil Survey Region 11

MLRA 95 A & B Soil Survey Office

Progression and Implementation of FY 2015 Projects



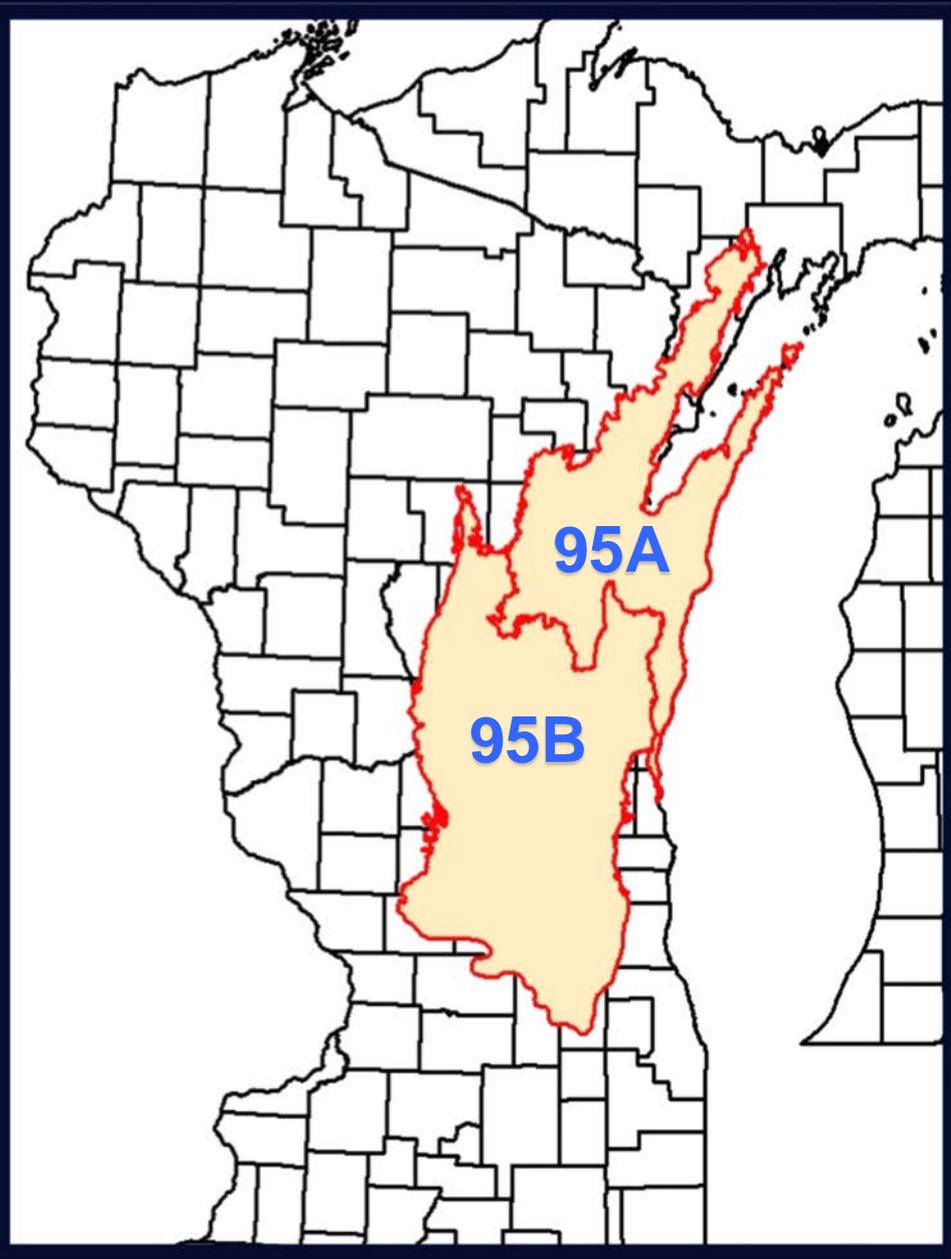
Current Staff:

Chris Miller

Karla Petges

Natalie Irizarry

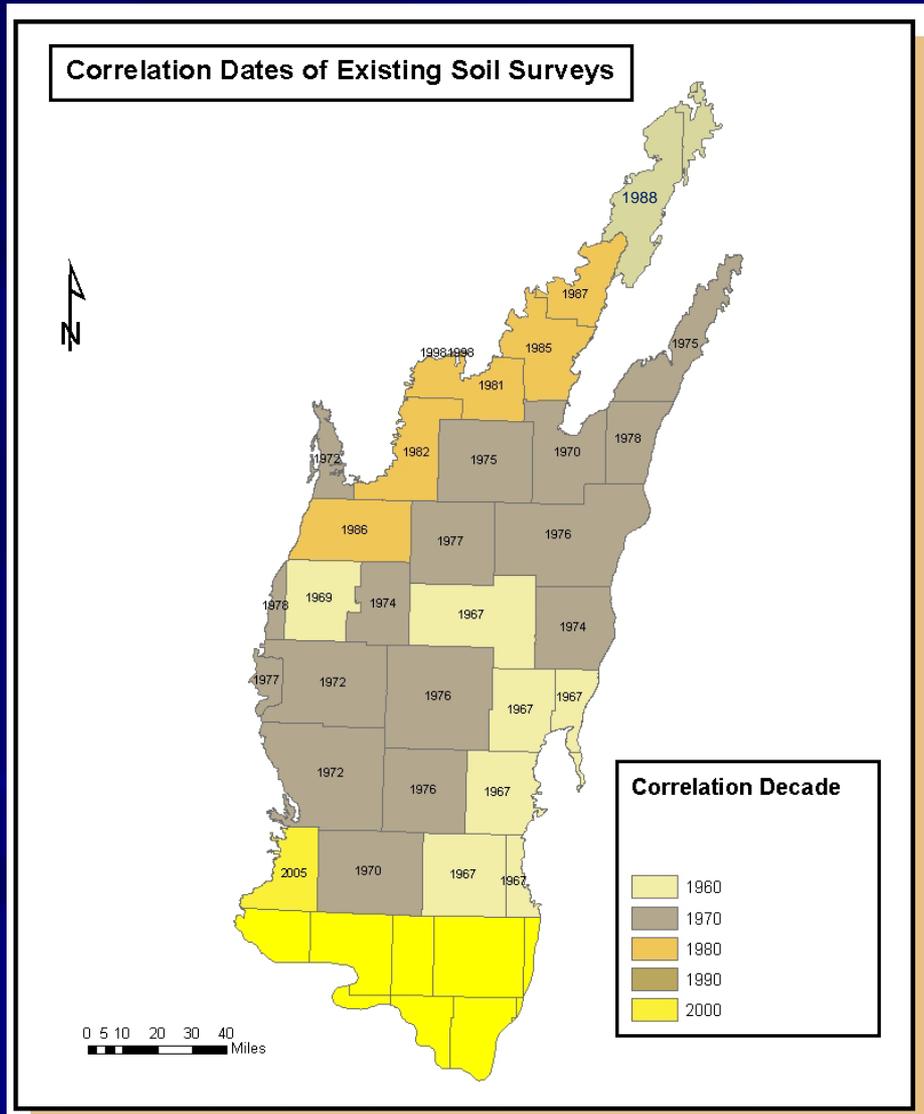
1 Vacancy



MLRA 95 Distribution by State

Wisconsin	83 %
Illinois	13 %
Michigan	4 %

History of Soil Survey in 95



MLRA 95 A and B represent a patchwork of published county soil surveys of various vintages, the oldest in the state. Field work was often conducted 10 years prior to the correlation date.

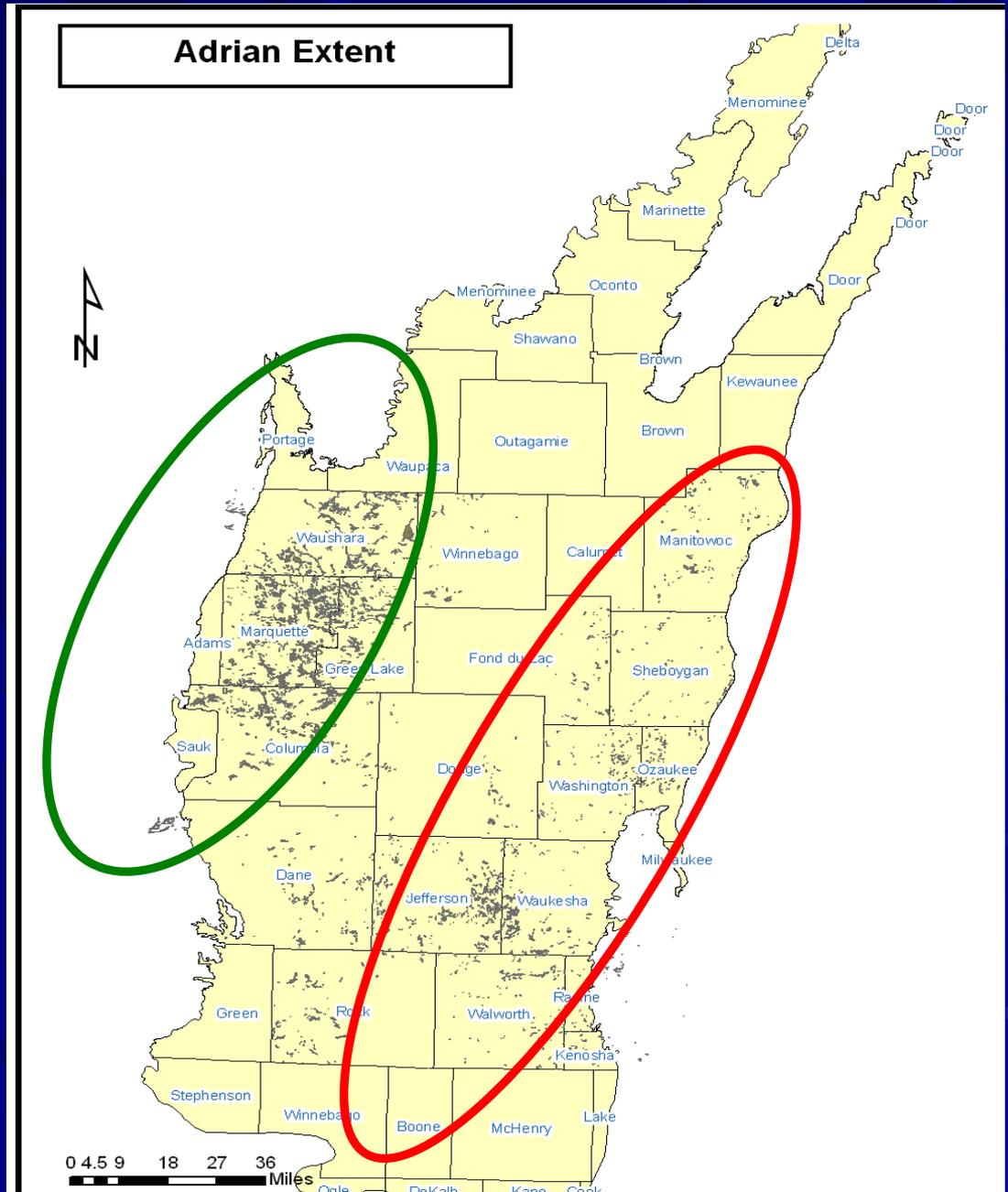
What is this SDJR Process

It is an initiative that emphasizes and accelerates the ongoing MLRA approach to soil survey as applied by the National Cooperative Soil Survey Program.

Bottom line is it brings Soil Survey Data up to Consistent National Quality Standards, and finally catches the database up with concepts.

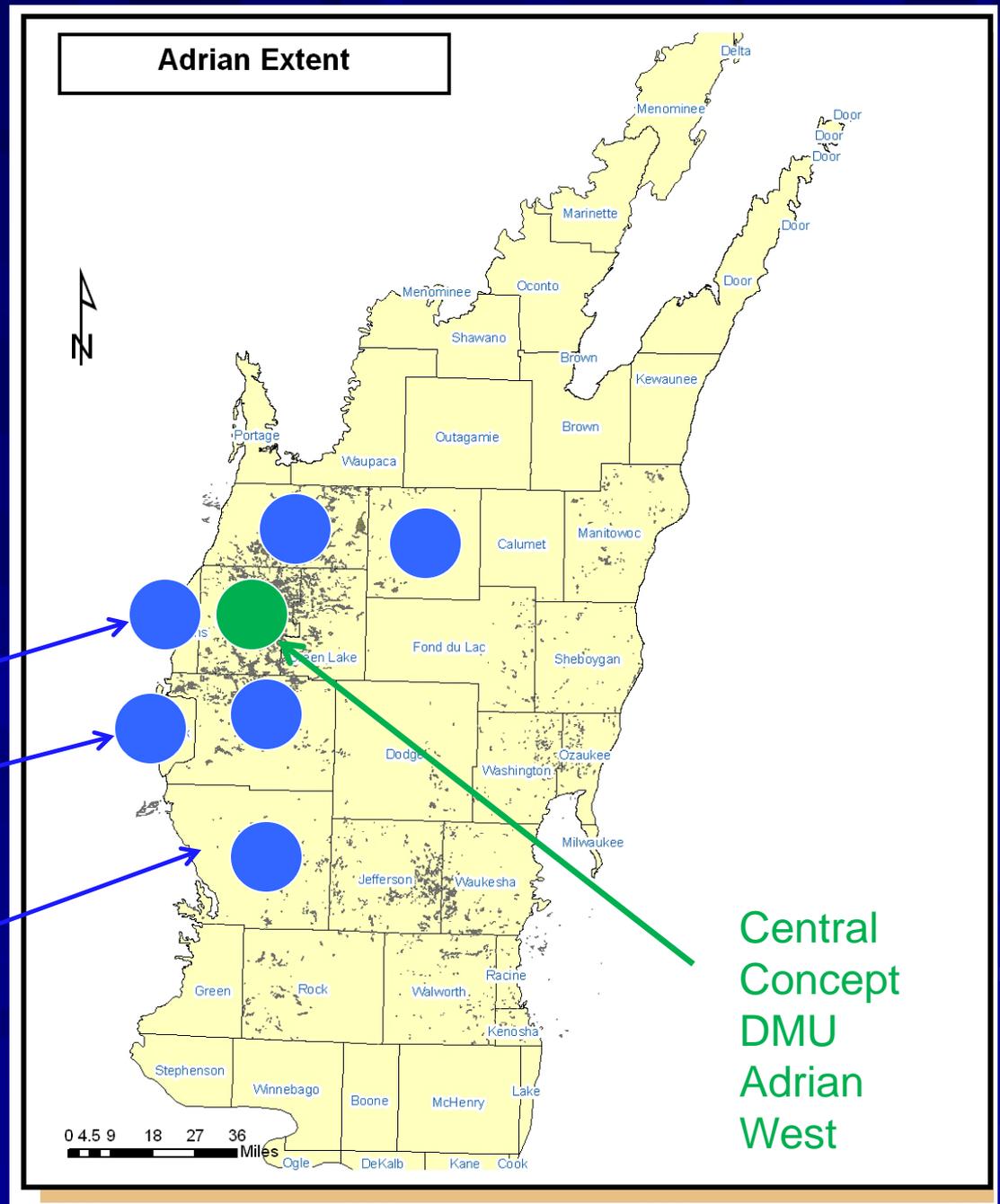
Example of an SJDR Correlation

Adrian delineations group into two major regions. These groupings reflect differences in climate and surrounding parent material and eventually impact interpretations.



SDJR Correlation

Archived,
Retired
Adrian
DMU's



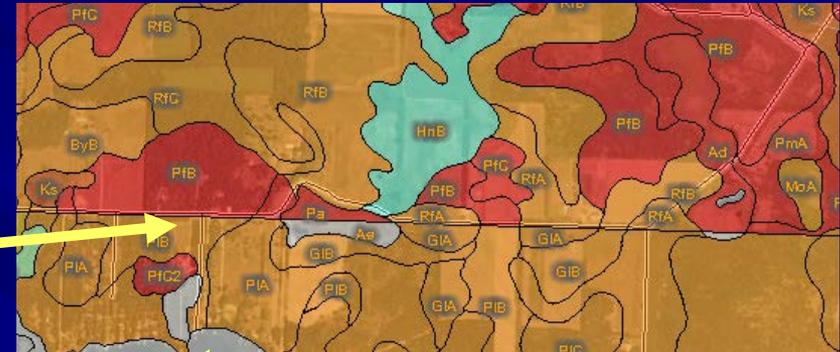
SDJR Projects in MLRA 95

AS SDJR Projects are completed users of soil survey data will notice tangible results:

Interpretation Join issues will disappear along political boundaries

Unrealistic (100 percent) component percentages will be replaced with accurate percentages taken from the historical documentation.

Improving and completing the population of the soil property database. Missing or null values will be identified and corrected.



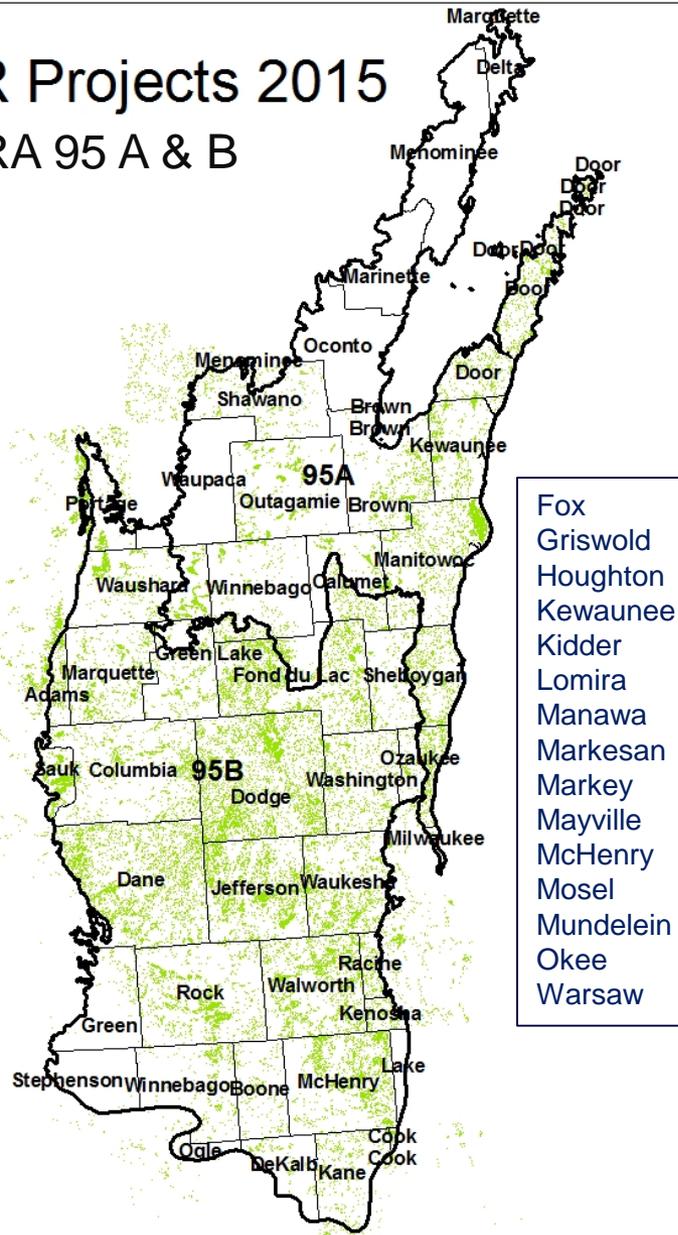
Region 11 FY 2015 Projects in Wisconsin

■ **103 SDJR
Projects
Representing
1,671,810 acres**

■ **Water Table
Study**

■ **Benchmark Soil
Sampling**

SDJR Projects 2015 MLRA 95 A & B



By the end of FY 2016 in MLRA 95 the SDJR process that was started in late 2013 will have correlated and brought up to national standards 5.6 million acres through the completion of over 350 projects.

More importantly we have recognized and identified deficiencies. These deficiencies will be cataloged and prioritized by the technological teams to provide a clear path to improving Soil Survey Data for all users.

Future Projects Spawned from SDJR

As SDJR becomes less and less a portion of our yearly Plan of Operations identified projects will become the focus and priority of MLRA personnel as guided from the **technology** team.

Highlights of identified projects:

- Many components (dozens) of dual drainage classes
- Parent material issues that will impact HSG and K interpretations
- Component restriction inconsistent application
- Slope group inconsistencies
- Surface texture inconsistencies

MLRA 95B Water Table Study

Installation of 6 water data loggers

Help resolve dual drainage class issues

Provide hard data to populate component soil moisture months for selected and associated soils.



Benchmark Soil Sampling FY 15

- Casco
- Hortonville
- Lamartine



- Information collected will help define over 300,000 acres of benchmark soils with hard soils data.
- Eastern Wisconsin has a deficiency of laboratory data.



Laboratory Analysis Full Characterization

- Chemical Properties

- Physical Properties

 - Ped Sampling for Bulk Density Analysis



Testing, affirming, and reaffirming concepts by collecting soil property data. Populating the database to finally catch up with concepts.



Technical Soil Services from MLRA 11 Staff in Wisconsin

Requests from Field and Area Offices:

- Wetland Compliance Assistance (Requests from Illinois)
- 313 Manure Storage Investigations
- Educational / Conservation Days
- Soil Quality Presentations
- Technical Consultations Area/Field Staff
- Programmatic soil consultation



Outside Private and Agency requests

- Technical Consultations, soil reports and help with Web Soil Survey

