



MLRA SOIL SURVEY REGION 13 REPORT
Northeast NCSS Conference
May 2006

Current Workload

- **MLRA Soil Survey Region 13 (MO-13) in Morgantown currently provides quality assurance for 72 soil surveys in our region**

Workload by Category - 2006

- **6 Soil Surveys initiated**
- **3 Initial Field Reviews**
- **16 Progress Field Reviews**
- **7 Final Field Reviews**
- **10 Final Correlations**
- **30 Scheduled to have field work completed and,**
- **25 surveys converted to maintenance status**

Workload

- Most workload is related to SSURGO development in the form of compilation reviews, digital plot reviews, manuscript reviews and amendment to correlations
- Completed 56 compilation reviews in 2005 and on track to complete as many in 2006

Technology and Data

MO-13 Office will be working closely with the National Geospatial Development Center to install an Arc-Spatial Data Engine and SQL Server Computer in the next few weeks

This will facilitate the analysis of large spatial datasets across a large region

Technology and Data

- Working with Drs. Jim Thompson and Jimmy Richardson on water movement study in Lost River area of WV
- Working with Drs. Sofi Elrashidi and Dewayne Mays on Soil P runoff study in Cacapon River Area of WV

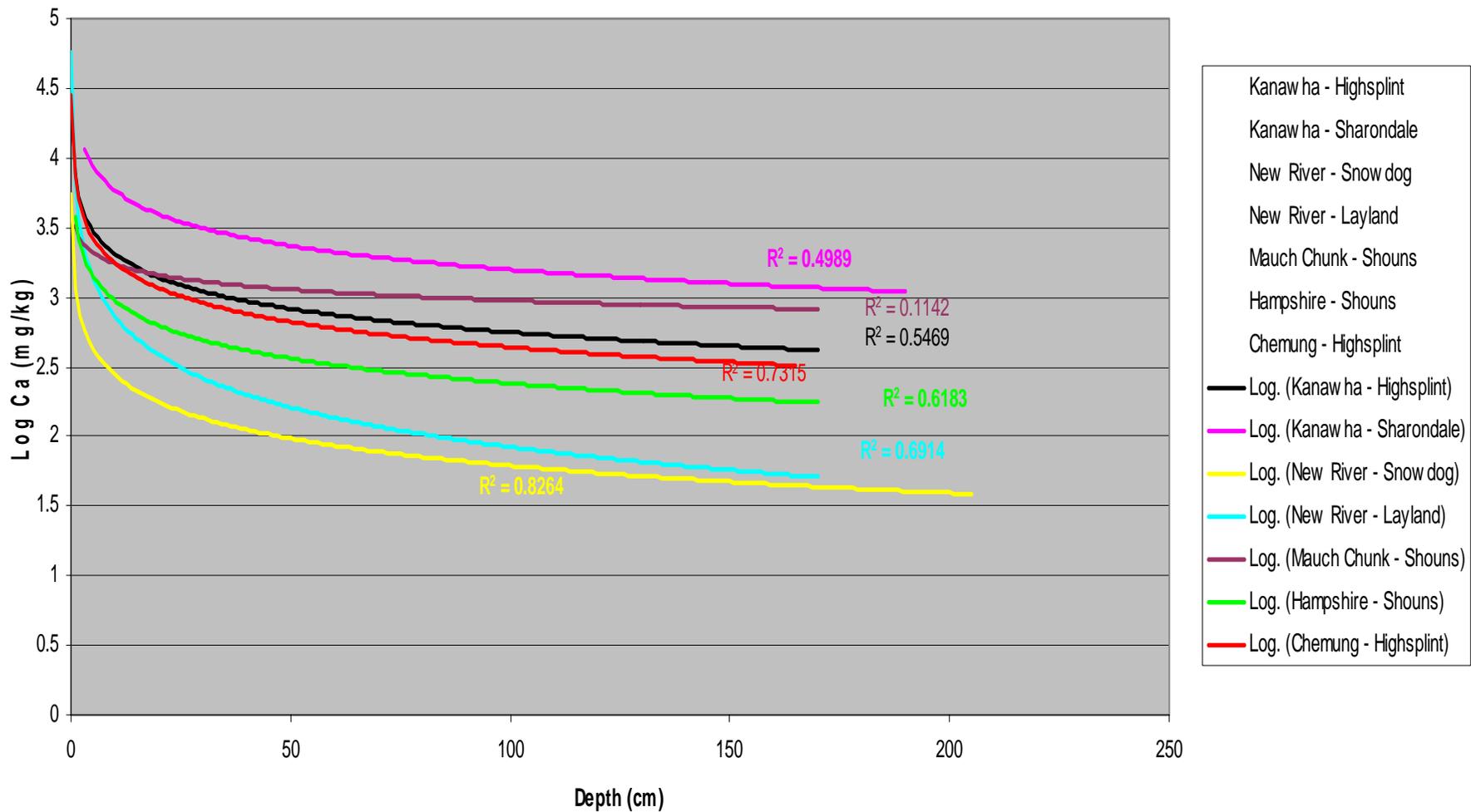
Technology and Data

- Have IRIS Tubes installed in Canaan Valley
- Soil Temperature monitoring with USFS
- Water table monitoring in MLRA-126 using Mark Stolt's GIZMOs
- Mapping Federal land in cooperation with the National Park Service (New River Gorge National River)

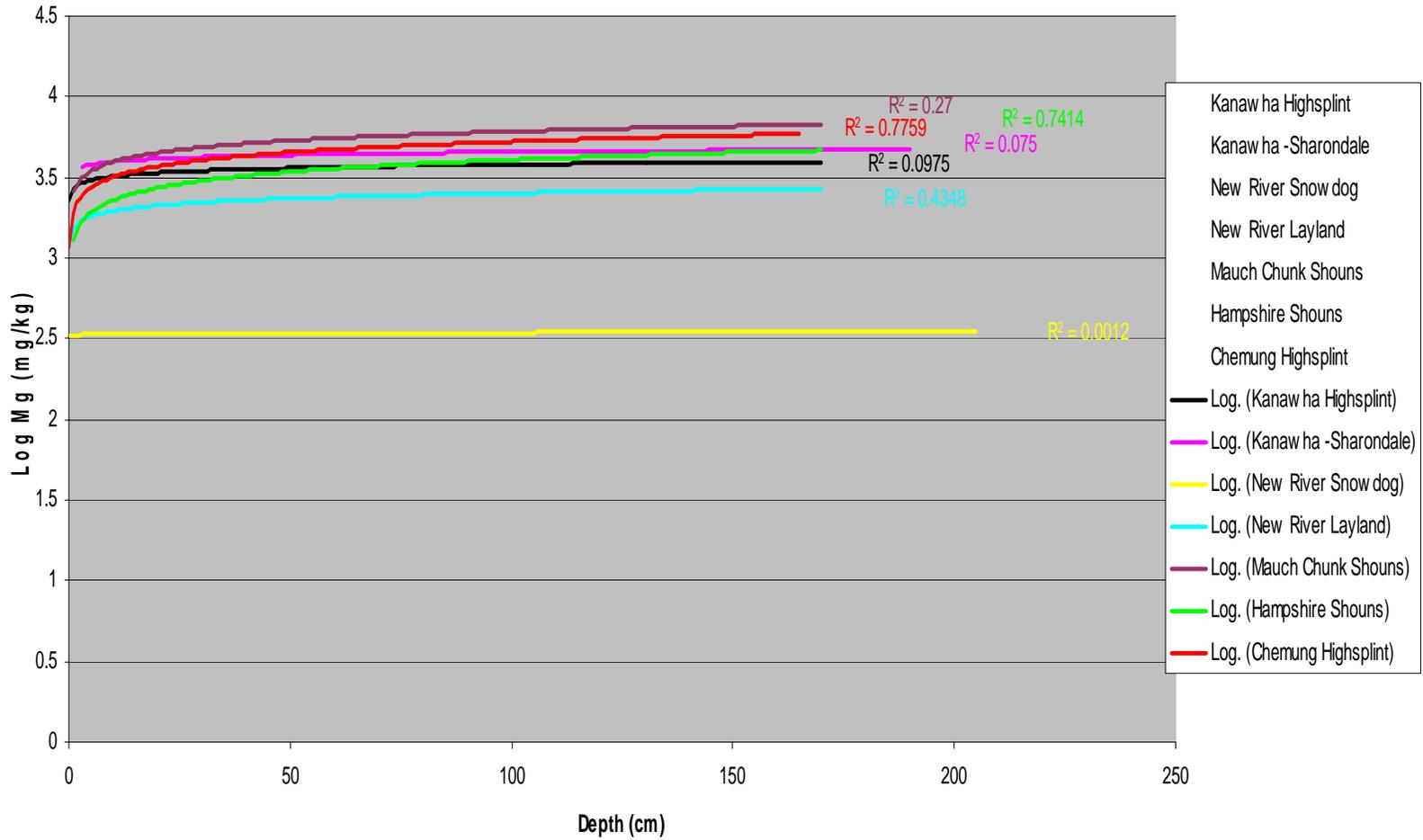
Technology and Data

- Finishing a parent material sampling project in MLRA-127
- Working with Dr. Bill Waltman to create a soil climate atlas for WV
- Put PDAs for data collection in Marietta MLRA office and all WV MLRA offices

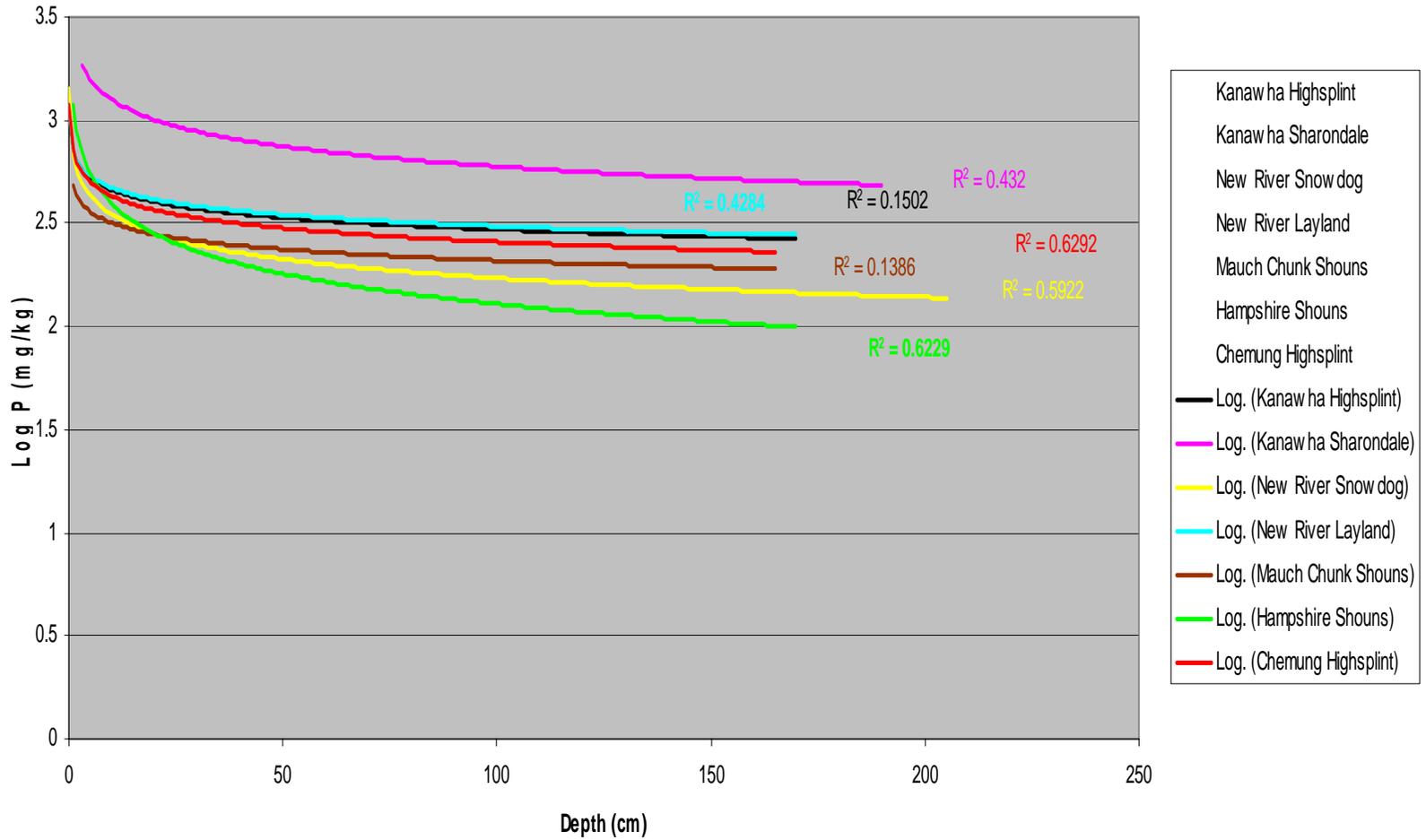
Total Ca - For Major WV Forest Soil Series by Geologic Parent Materials
"COLLUVIUM"



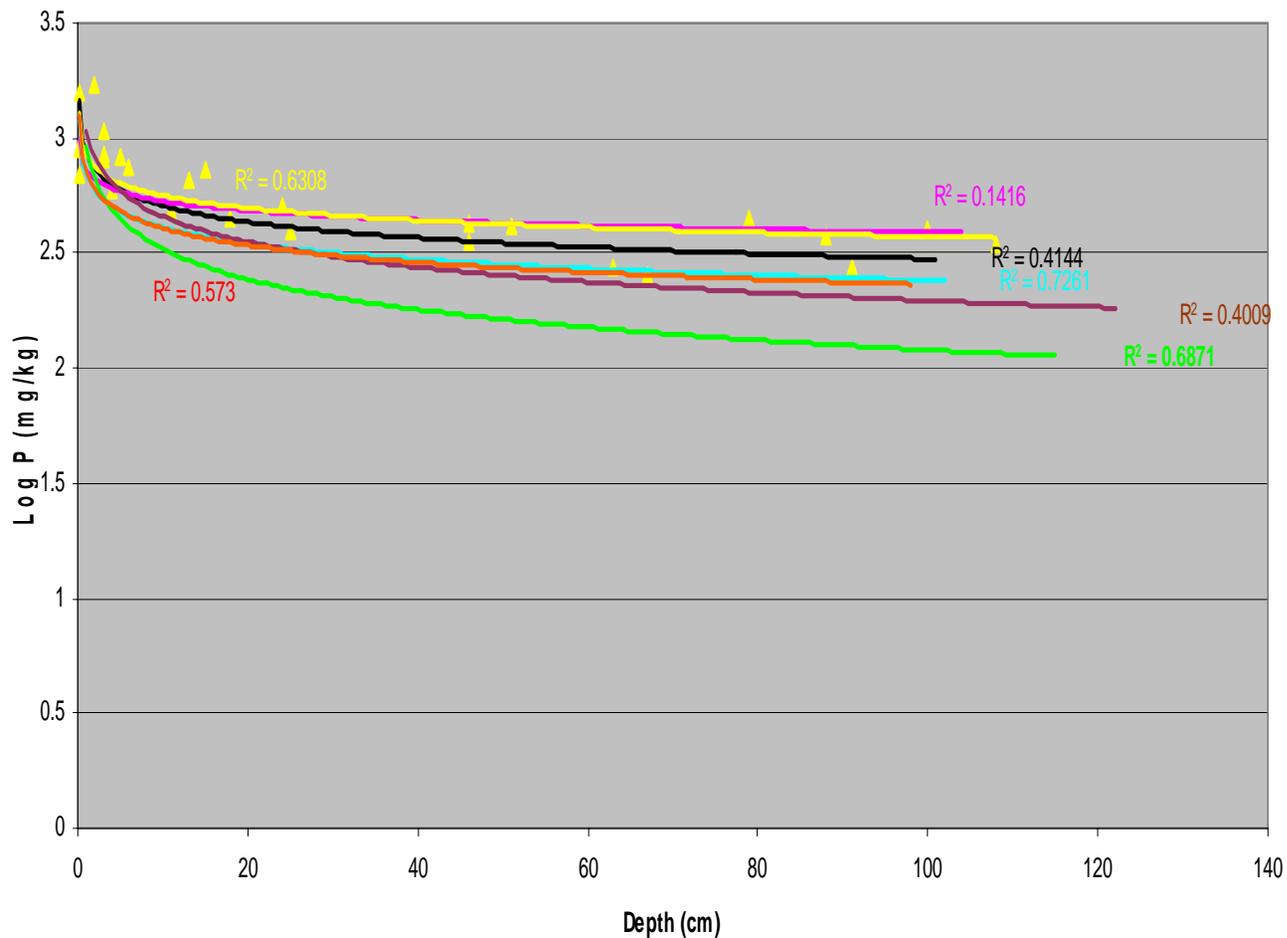
Total Mg - For Major WV Forest Soil Series by Geologic Parent Materials
"COLLUVIUM"



Total P - For Major WV Forest Soil Series by Geologic Parent Materials
"COLLUVIUM"



Total P - For Major WV Forest Soil Series by Geologic Parent Materials
 "RESIDUUM"



- Kanawha Wriston
- Kanawha Muskingum
- ▲ New River Mandy
- New River Clifftop
- Mauch Chunk Cateache
- Hampshire Calvin
- Chemung Berks
- Log. (Kanawha Wriston)
- Log. (Kanawha Muskingum)
- Log. (New River Mandy)
- Log. (New River Clifftop)
- Log. (Mauch Chunk Cateache)
- Log. (Hampshire Calvin)
- Log. (Chemung Berks)

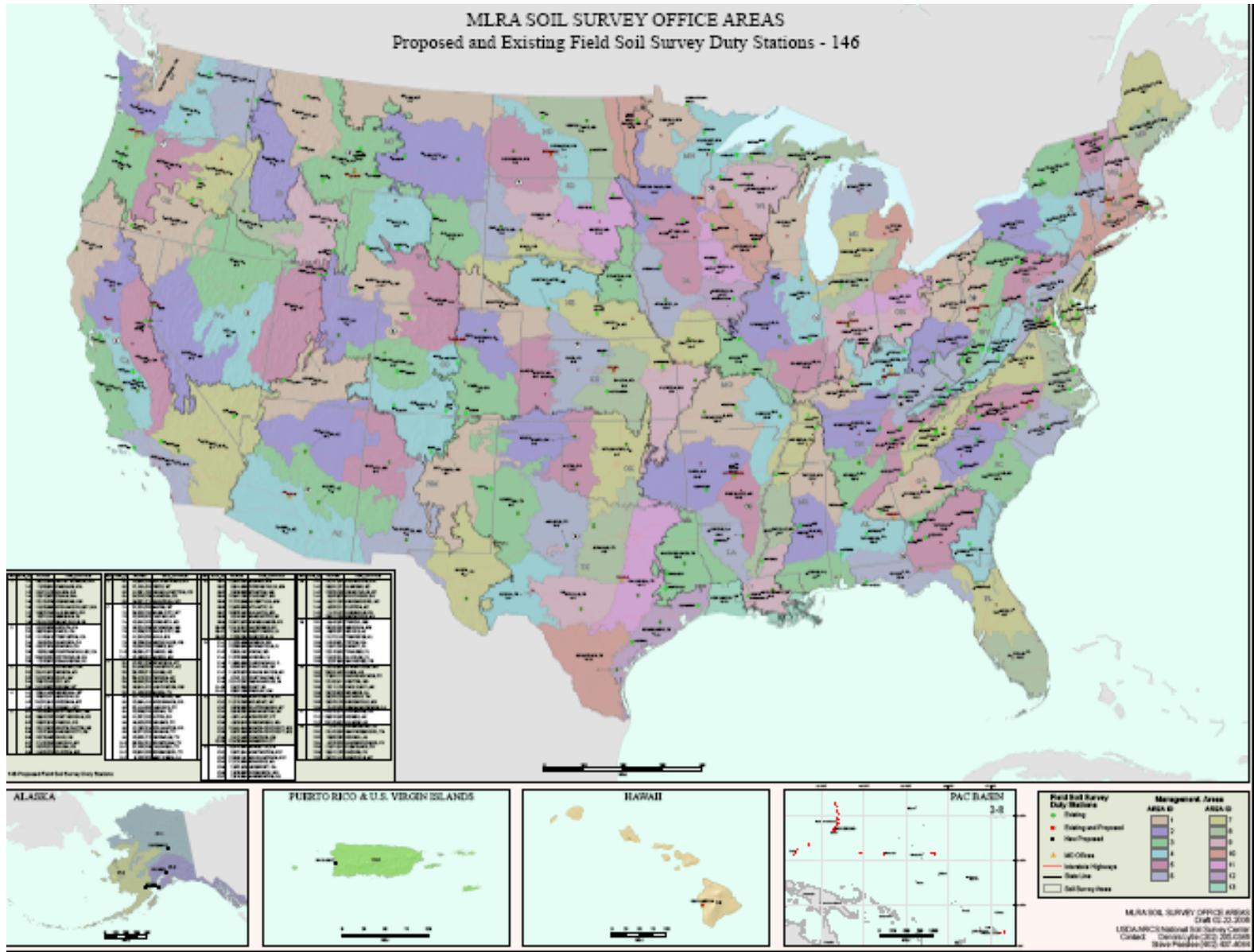
Changing Existing Procedures

The MO Leaders are updating the NSSH to facilitate Soil Survey Update process in light of the MLRA approach and New technologies.

MLRA Management Offices

- MO-13 will have 7 MLRA Management Offices
- 5 are already in place
- Will transition last two before 2008

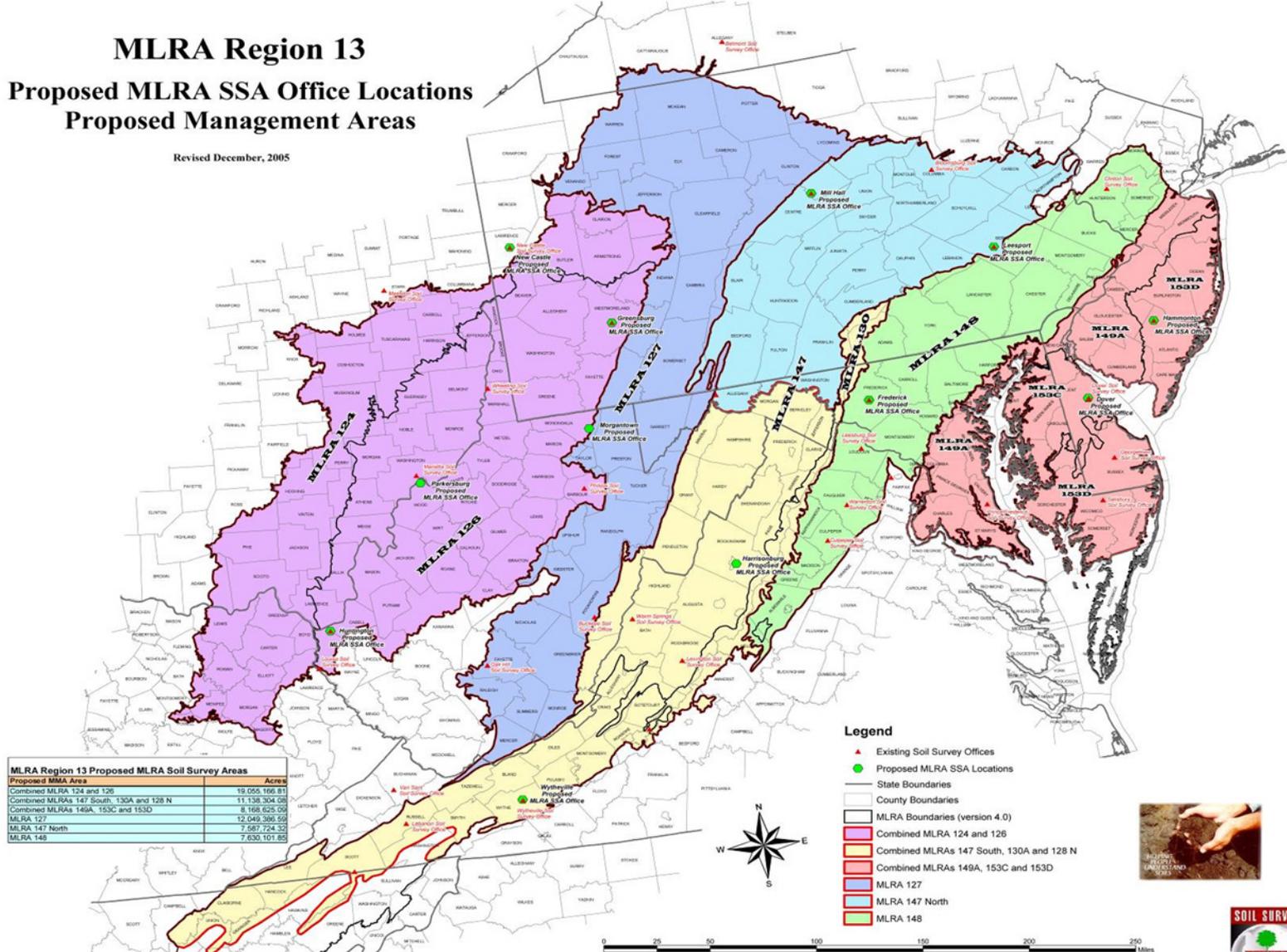
Recommended 147 Soil Survey Areas and Offices by States and MLRA Region Offices



MLRA Region 13

Proposed MLRA SSA Office Locations Proposed Management Areas

Revised December, 2005



MLRA Region 13 Proposed MLRA Soil Survey Areas	
Proposed MMA Area	Acres
Combined MLRA 124 and 126	19,055,166.81
Combined MLRAs 147 South, 130A and 128 N	11,138,304.08
Combined MLRAs 149A, 153C and 153D	8,166,625.00
MLRA 127	12,049,386.56
MLRA 147 North	7,587,724.32
MLRA 148	7,630,101.85

Legend

- ▲ Existing Soil Survey Offices
- Proposed MLRA SSA Locations
- State Boundaries
- County Boundaries
- ▭ MLRA Boundaries (version 4.0)
- ▭ Combined MLRA 124 and 126
- ▭ Combined MLRAs 147 South, 130A and 128 N
- ▭ Combined MLRAs 149A, 153C and 153D
- ▭ MLRA 127
- ▭ MLRA 147 North
- ▭ MLRA 148



Revisions from October, 2005 to December, 2005:

1. Moved Georgetown DE Proposed MMA to Dover DE
2. Moved Roanoke VA Proposed MMA to Wytheville VA
3. Added Parkersburg WV Proposed MMA
4. Removed Upper Marlboro MD Proposed MMA

Scale: 1:1,000,000
 State Soil Survey Program
 Data: 1998 Edition
 US National Map Accuracy Standard of 1:50,000
 Contour interval: 10 ft (3.05 m)
 Vertical datum: NGVD 83
 Latitude of projection origin: 39° 00' 00" N





WVU National Champion Soil Judging Team 2006

Any questions?

