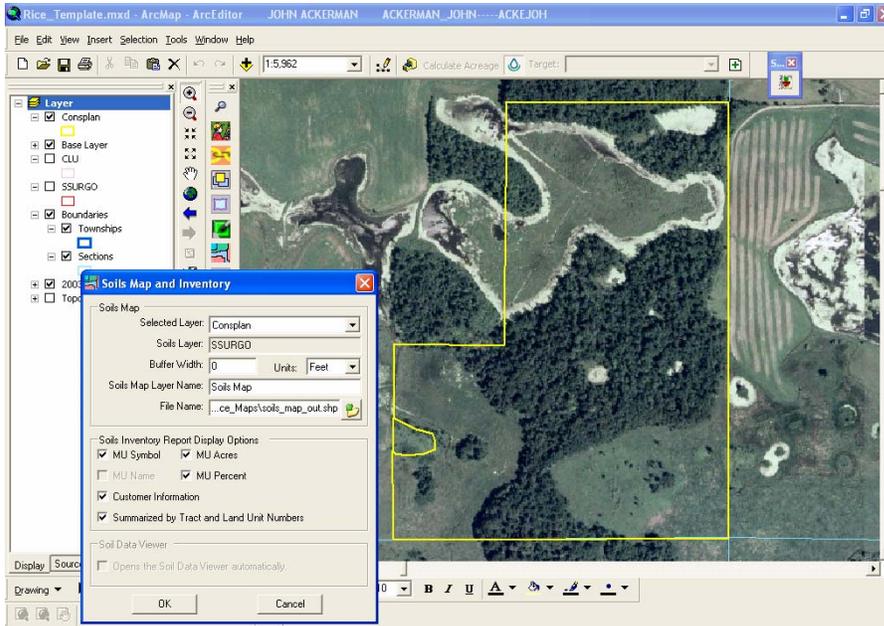




## Creating a Short Map Unit Description Report.

### Soil Inventory

- Once the Planned Land Unit (Consplan) is created and attributed. Run the soil Inventory Report.



- Print the Report with the different Map Unit Symbols.

Tract	Land Unit	Map Unit Symbol	Acres	Percent
6353		1388B	0	0%
6353		109	0.1	0%
6353		414	1.1	1%
6353		W	1.5	2%
6353		114	2.3	2%
6353		106E	6.5	7%
6353		1362B	9	9%
6353		106C2	12	12%
6353		106D2	13	13%
6353		1058	51.6	53%
Total:			97.1	

## Short Map Unit Description Report

- Open the Soil database located in F:\FOTG\Section\_II\soildb\_MN\_2003\_mnXXX.mdb
- Select the Map Unit Symbol from The Soil Inventory Report.
- Select *Component Text Report*.
- Click on Select Parameters and highlight Nontechnical Description Category. Then Generate the report

Microsoft Access - [Soil Reports] (Template Version: 32)]

File Edit View Insert Format Records Tools Window Help

Soil Survey Area Name  
Rice County, Minnesota

Map Unit Symbol	Map Unit Name
106D2	Lester loam, 12 to 18 percent slopes, eroded
106E	Lester loam 18 to 25 percent slopes
109	Cordova clay loam, 0 to 2 percent slopes
113	Webster clay loam, 0 to 2 percent slopes
114	Glencoe clay loam, depressional, 0 to 1 percent slopes
130	Nicollet clay loam, 1 to 3 percent slopes
134	Okoboji silty clay loam, depressional, 0 to 1 percent slopes
138B	Lerdal clay loam, 2 to 6 percent slopes
138C	Lerdal clay loam, 6 to 12 percent slopes

Select All Clear Selections Selection Help

Report Name  
Component Text

Include Minor Soils Include Report Description

Select Parameters Exit System Reports

If you are new to this database, please select the Reports tab of the Database window and open the report titled "How to Understand and Use this Database".

Microsoft Access - [Select Text Kinds & Categories]

File Edit View Insert Format Records Tools Window Help

Pick at least 1 text kind and category combination to be included in the report.

Text Kind/Category  
Nontechnical description/GENSOIL

Report Title (<= 80 characters, change as desired)  
Component Text

Generate Report Exit

Microsoft Access - [Component Text]

File Edit View Tools Window Help

Type a question for help

100% Close Setup

### Component Text

Rice County, Minnesota

[Only those components that have entries for the selected text kinds and categories are included in this report]

**Map unit:** 109 - Cordova clay loam, 0 to 2 percent slopes

**Component:** Cordova

**Text kind/Category:** Nontechnical description/GENSOIL

*The Cordova component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on moraines. The parent material consists of till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 2w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 13 percent.*

**Map unit:** 114 - Glencoe clay loam, depressional, 0 to 1 percent slopes

**Component:** Glencoe, depressional

**Text kind/Category:** Nontechnical description/GENSOIL

*The Glencoe, depressional component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on moraines. The parent material consists of alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches is high. Shrink-swell potential is moderate. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during March, April. Organic matter content in the surface horizon is about 8 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.*

**Map unit:** 414 - Hamel loam, 1 to 3 percent slopes

You can also use the *Map Unit description Report*

**Soil Reports (Template Version: 32)**

Soil Survey Area Name  
Rice County, Minnesota

Map Unit Symbol	Map Unit Name
104D2	Hayden loam, 12 to 18 percent slopes, eroded
104E	Hayden loam, 18 to 25 percent slopes
106C2	Lester loam, 6 to 12 percent slopes, eroded
106D2	Lester loam, 12 to 18 percent slopes, eroded
106E	Lester loam 18 to 25 percent slopes
109	Cordova clay loam, 0 to 2 percent slopes
113	Webster clay loam, 0 to 2 percent slopes
114	Glencoe clay loam, depressional, 0 to 1 percent slopes
130	Nicollet clay loam, 1 to 3 percent slopes

Select All    Clear Selections    Selection Help

Report Name  
Map Unit Description (MN)

Include Minor Soils    Include Report Description

Generate Report!    Exit    System Reports

**If you are new to this database, please select the Reports tab of the Database window and open the report titled "How to Understand and Use this Database".**

**Map Unit Description (MN)**  
Rice County, Minnesota

Data apply to the entire area for the map unit within the survey area. Map unit soil properties for a specific parcel or field may vary somewhat and should be obtained by our Soil Survey staff.

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**109--Cordova clay loam, 0 to 2 percent slopes**

**Cordova**

Extent: 90 percent of the unit      Soil loss tolerance (T factor): 5  
 Landform (s): moraines      Wind erodibility group (WEG): 6  
 Slope gradient: 0 to 2 percent      Wind erodibility index (WEI): 48  
 Parent material: till      Rv (surface layer): 28  
 Restrictive feature(s):      Land capability class, nonirrigated: 2w  
 Flooding: none      Hydric soil: yes  
 Ponding: none      Hydrologic group: C/D  
 Drainage class: poorly drained      Potential frost action: high

Representative soil profile:	Texture	Fertility	Available water capacity	pH
ApA - 0 to 13 in	clay loam	moderately low	2.3 to 2.9 in	6.1 to 7.3
Bp1, Bp2, B1 - 13 to 36 in	clay loam	moderately low	3.4 to 4.3 in	6.1 to 6.6
Cg - 36 to 60 in	loam	moderate	3.4 to 3.9 in	7.4 to 8.4

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**114--Glencoe clay loam, depressional, 0 to 1 percent slopes**

**Glencoe, depressional**

Extent: 90 percent of the unit      Soil loss tolerance (T factor): 5  
 Landform (s): depressions on moraines      Wind erodibility group (WEG): 6  
 Slope gradient: 0 to 1 percent      Wind erodibility index (WEI): 48  
 Parent material: alluvium      Rv (surface layer): 28  
 Restrictive feature(s):      Land capability class, nonirrigated: 3w  
 Flooding: none      Hydric soil: yes  
 Ponding: frequent      Hydrologic group: B/D  
 Drainage class: very poorly drained      Potential frost action: high

Representative soil profile:	Texture	Fertility	Available water capacity	pH
ApA1 - 0 to 12 in	clay loam	moderate	2.1 to 2.6 in	6.1 to 7.8
A2, A1g - 12 to 27 in	clay loam	moderate	2.9 to 3.4 in	6.1 to 7.8
Bg - 27 to 36 in	clay loam	moderate	1.3 to 1.6 in	6.6 to 7.8
Cg - 36 to 80 in	clay loam	moderate	6.6 to 9.4 in	6.6 to 7.8

This report describes the map units in each map unit.

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