

## Map Unit Description (MN)

Pine County, Minnesota

[Data apply to the entire extent of the map unit within the survey area. Map unit and soil properties for a specific parcel of land may vary somewhat and should be determined by onsite investigation]

### C148--Mahtomedi sand, 0 to 2 percent slopes

#### Mahtomedi

*Extent:* 85 to 100 percent of the unit

*Landform(s):* flats on outwash plains, rises on outwash plains

*Slope gradient:* 0 to 2 percent

*Parent material:* sandy and gravelly outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	sand	rapid	0.35 to 0.89 in	4.5 to 6.5
Bw -- 6 to 35 in	sand	rapid	1.17 to 2.62 in	4.5 to 6.5
C -- 35 to 80 in	gravelly coarse sand	very rapid	0.90 to 2.69 in	4.5 to 6.5

### C149--Mahtomedi sand, 0 to 7 percent slopes

#### Mahtomedi

*Extent:* 85 to 95 percent of the unit

*Landform(s):* rises on outwash plains, flats on outwash plains

*Slope gradient:* 0 to 7 percent

*Parent material:* sandy and gravelly outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	sand	rapid	0.35 to 0.89 in	4.5 to 6.5
Bw -- 6 to 35 in	sand	rapid	1.17 to 2.62 in	4.5 to 6.5
C -- 35 to 80 in	gravelly coarse sand	very rapid	0.90 to 2.69 in	4.5 to 6.5

## Map Unit Description (MN)

Pine County, Minnesota

### C150--Mahtomedi sand, 2 to 17 percent slopes

#### Mahtomedi

*Extent:* 60 to 95 percent of the unit

*Landform(s):* outwash plains

*Slope gradient:* 2 to 17 percent

*Parent material:* sandy and gravelly outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	sand	rapid	0.35 to 0.89 in	4.5 to 6.5
Bw -- 6 to 35 in	sand	rapid	1.17 to 2.62 in	4.5 to 6.5
C -- 35 to 80 in	gravelly coarse sand	very rapid	0.90 to 2.69 in	4.5 to 6.5

### C151--Mahtomedi sand, 17 to 35 percent slopes

#### Mahtomedi

*Extent:* 70 to 95 percent of the unit

*Landform(s):* outwash plains

*Slope gradient:* 17 to 35 percent

*Parent material:* sandy and gravelly outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 7s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	sand	rapid	0.35 to 0.89 in	4.5 to 6.5
Bw -- 6 to 35 in	sand	rapid	1.17 to 2.62 in	4.5 to 6.5
C -- 35 to 80 in	gravelly coarse sand	very rapid	0.90 to 2.69 in	4.5 to 6.5

## Map Unit Description (MN)

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### C152--Grayling sand, 0 to 3 percent slopes

#### Grayling

*Extent:* 90 to 100 percent of the unit

*Landform(s):* flats on outwash plains, rises on outwash plains

*Slope gradient:* 0 to 3 percent

*Parent material:* sandy outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 4 in	sand	rapid	0.24 to 0.59 in	4.5 to 6.5
Bw -- 4 to 56 in	sand	rapid	2.60 to 4.68 in	4.5 to 6.5
C -- 56 to 80 in	sand	rapid	1.20 to 1.92 in	4.5 to 6.5

### C153--Grayling sand, 0 to 7 percent slopes

#### Grayling

*Extent:* 85 to 100 percent of the unit

*Landform(s):* rises on outwash plains, flats on outwash plains

*Slope gradient:* 0 to 7 percent

*Parent material:* sandy outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 4 in	sand	rapid	0.24 to 0.59 in	4.5 to 6.5
Bw -- 4 to 56 in	sand	rapid	2.60 to 4.68 in	4.5 to 6.5
C -- 56 to 80 in	sand	rapid	1.20 to 1.92 in	4.5 to 6.5

## Map Unit Description (MN)

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### C154--Grayling sand, 2 to 17 percent slopes

#### Grayling

*Extent:* 65 to 100 percent of the unit

*Landform(s):* outwash plains

*Slope gradient:* 2 to 17 percent

*Parent material:* sandy outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 4s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 4 in	sand	rapid	0.24 to 0.59 in	4.5 to 6.5
Bw -- 4 to 56 in	sand	rapid	2.60 to 4.68 in	4.5 to 6.5
C -- 56 to 80 in	sand	rapid	1.20 to 1.92 in	4.5 to 6.5

### C155--Grayling sand, 17 to 35 percent slopes

#### Grayling

*Extent:* 70 to 90 percent of the unit

*Landform(s):* outwash plains

*Slope gradient:* 17 to 35 percent

*Parent material:* sandy outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* excessively drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 1

*Wind erodibility index (WEI):* 180

*Kw factor (surface layer)* .05

*Land capability, nonirrigated* 7s

*Hydric soil:* no

*Hydrologic group:* A

*Potential for frost action:* low

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 4 in	sand	rapid	0.24 to 0.59 in	4.5 to 6.5
Bw -- 4 to 56 in	sand	rapid	2.60 to 4.68 in	4.5 to 6.5
C -- 56 to 80 in	sand	rapid	1.20 to 1.92 in	4.5 to 6.5

## Map Unit Description (MN)

Pine County, Minnesota

### C156--Lougee peat, 0 to 1 percent slopes

#### Lougee

*Extent:* 90 to 98 percent of the unit

*Landform(s):* swamps on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* herbaceous organic material over outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 2

*Wind erodibility group (WEG):* 7

*Wind erodibility index (WEI):* 38

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oi -- 0 to 2 in	peat	very rapid	1.08 to 1.28 in	
Oe -- 2 to 21 in	mucky peat	rapid	8.50 to 10.39 in	
2Cg -- 21 to 80 in	sand	rapid	2.95 to 4.13 in	4.5 to 6.5

### C157--Merwin peat, 0 to 1 percent slopes

#### Merwin

*Extent:* 60 to 90 percent of the unit

*Landform(s):* bogs on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* organic material over glaciofluvial sediments

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 2

*Wind erodibility group (WEG):* 7

*Wind erodibility index (WEI):* 38

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oi -- 0 to 6 in	peat	very rapid	3.25 to 3.84 in	
Oe -- 6 to 46 in	mucky peat	rapid	18.07 to 22.09 in	
2Cg -- 46 to 80 in	stratified loamy fine sand to loam	moderate	4.40 to 6.43 in	5.1 to 7.3

## Map Unit Description (MN)

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### C158--Rifle mucky peat, 0 to 1 percent slopes

#### Rifle

*Extent:* 80 to 95 percent of the unit

*Landform(s):* swamps on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* herbaceous organic material

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 3

*Wind erodibility group (WEG):* 5

*Wind erodibility index (WEI):* 56

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oe1 -- 0 to 12 in	mucky peat	rapid	5.31 to 6.50 in	
Oe2 -- 12 to 42 in	mucky peat	rapid	13.64 to 16.67 in	
Oa -- 42 to 52 in	muck	moderately rapid	3.44 to 4.43 in	
Oe3 -- 52 to 80 in	mucky peat	rapid	12.58 to 15.37 in	

### C159--Greenwood peat, 0 to 1 percent slopes

#### Greenwood

*Extent:* 80 to 95 percent of the unit

*Landform(s):* bogs on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* organic material

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 3

*Wind erodibility group (WEG):* 7

*Wind erodibility index (WEI):* 38

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oi -- 0 to 10 in	peat	very rapid	5.41 to 6.40 in	
Oe1 -- 10 to 24 in	mucky peat	rapid	6.38 to 7.80 in	
Oe2 -- 24 to 80 in	mucky peat	rapid	25.16 to 30.75 in	

# Map Unit Description (MN)

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## C160--Tacoosh mucky peat, 0 to 1 percent slopes

### Tacoosh

*Extent:* 60 to 90 percent of the unit

*Landform(s):* swamps on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* organic material over glaciofluvial sediments

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 2

*Wind erodibility group (WEG):* 5

*Wind erodibility index (WEI):* 56

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oe1 -- 0 to 12 in	mucky peat	rapid	5.31 to 6.50 in	
Oe2 -- 12 to 32 in	mucky peat	rapid	9.04 to 11.04 in	
Oa -- 32 to 36 in	muck	moderately rapid	1.38 to 1.77 in	
2Cg -- 36 to 80 in	stratified loamy fine sand to loam	moderate	5.73 to 8.38 in	5.1 to 6.5

## Map Unit Description (MN)

Pine County, Minnesota

### C162--Udifluents, loamy, 0 to 2 percent slopes, occasionally flooded

#### Udifluents, occas. flooded, moderately well drained

*Extent:* 25 to 65 percent of the unit

*Landform(s):* flood plains

*Slope gradient:* 0 to 2 percent

*Parent material:* alluvium

*Restrictive feature(s):* greater than 60 inches

*Flooding:* occasional

*Ponding:* none

*Drainage class:* moderately well drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 5

*Wind erodibility index (WEI):* 56

*Kw factor (surface layer)* .24

*Land capability, nonirrigated* 2w

*Hydric soil:* no

*Hydrologic group:* C

*Potential for frost action:* moderate

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	silt loam	moderate	1.18 to 1.42 in	5.6 to 7.3
C -- 6 to 80 in	stratified silt loam to gravelly loamy coarse sand	rapid	4.44 to 16.28 in	5.6 to 7.3

#### Udifluents, occas. flooded, somewhat poorly drained

*Extent:* 15 to 50 percent of the unit

*Landform(s):* flood plains

*Slope gradient:* 0 to 2 percent

*Parent material:* alluvium

*Restrictive feature(s):* greater than 60 inches

*Flooding:* occasional

*Ponding:* none

*Drainage class:* somewhat poorly drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 5

*Wind erodibility index (WEI):* 56

*Kw factor (surface layer)* .24

*Land capability, nonirrigated* 2w

*Hydric soil:* no

*Hydrologic group:* B/D

*Potential for frost action:* moderate

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	silt loam	moderate	1.18 to 1.42 in	5.6 to 7.3
Cg -- 6 to 80 in	stratified silt loam to gravelly loamy coarse sand	rapid	4.44 to 16.28 in	5.6 to 7.3

## Map Unit Description (MN)

Pine County, Minnesota

### C211--Bowstring muck and Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded

#### Bowstring, frequently flooded

*Extent:* 25 to 75 percent of the unit

*Landform(s):* flood plains

*Slope gradient:* 0 to 1 percent

*Parent material:* highly decomposed organic materials containing strata of alluvium

*Restrictive feature(s):* greater than 60 inches

*Flooding:* frequent

*Ponding:* none

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 3

*Wind erodibility group (WEG):* 2

*Wind erodibility index (WEI):* 134

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oa -- 0 to 38 in	muck	moderately rapid	13.37 to 17.19 in	
Cg -- 38 to 47 in	stratified fine sand to loamy fine sand	rapid	0.43 to 0.87 in	5.6 to 7.3
Oa' -- 47 to 80 in	muck	moderately rapid	11.57 to 14.88 in	

#### Fluvaquents, frequently flooded, very poorly drained

*Extent:* 20 to 60 percent of the unit

*Landform(s):* flood plains

*Slope gradient:* 0 to 1 percent

*Parent material:* alluvium

*Restrictive feature(s):* greater than 60 inches

*Flooding:* frequent

*Ponding:* none

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):* 5

*Wind erodibility index (WEI):* 56

*Kw factor (surface layer)* .24

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
A -- 0 to 6 in	mucky silt loam	moderate	1.18 to 1.42 in	5.6 to 7.3
Cg -- 6 to 80 in	stratified silt loam to gravelly loamy coarse sand	rapid	4.44 to 16.28 in	5.6 to 7.3

## Map Unit Description (MN)

Pine County, Minnesota

### C223--Cathro muck, 0 to 1 percent slopes

#### Cathro

*Extent:* 60 to 90 percent of the unit

*Landform(s):* swamps on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* organic material over glaciofluvial sediments

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* frequent

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 2

*Wind erodibility group (WEG):* 2

*Wind erodibility index (WEI):* 134

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oa -- 0 to 36 in	muck	moderately rapid	12.54 to 16.12 in	
A -- 36 to 40 in	mucky silt loam	moderate	0.95 to 1.13 in	5.1 to 6.5
2Cg -- 40 to 80 in	stratified loamy fine sand to loam	moderate	5.17 to 7.56 in	5.1 to 7.3

### C305--Uskabwanka peat, 0 to 1 percent slopes

#### Uskabwanka

*Extent:* 80 to 100 percent of the unit

*Landform(s):* bogs on outwash plains

*Slope gradient:* 0 to 1 percent

*Parent material:* organic material

*Restrictive feature(s):* greater than 60 inches

*Flooding:* none

*Ponding:* none

*Drainage class:* very poorly drained

*Soil loss tolerance (T factor):* 1

*Wind erodibility group (WEG):* 7

*Wind erodibility index (WEI):* 38

*Kw factor (surface layer)* .02

*Land capability, nonirrigated* 7w

*Hydric soil:* yes

*Hydrologic group:* D

*Potential for frost action:* high

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
Oi -- 0 to 10 in	peat	very rapid	5.41 to 6.40 in	
Oe1 -- 10 to 40 in	mucky peat	rapid	13.64 to 16.67 in	
2Oe2 -- 40 to 70 in	water	impermeable		
Oe3 -- 70 to 80 in	mucky peat	rapid	4.43 to 5.41 in	

## Map Unit Description (MN)

Pine County, Minnesota

### C312--Pits, gravel-Udipsamments complex

#### Pits, gravel

*Extent:* 60 to 95 percent of the unit

*Landform(s):* moraines, outwash plains, stream terraces

*Slope gradient:* 0 to 50 percent

*Parent material:* sandy and gravelly outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:*

*Ponding:*

*Drainage class:*

*Soil loss tolerance (T factor):*

*Wind erodibility group (WEG):*

*Wind erodibility index (WEI):*

*Kw factor (surface layer)*

*Land capability, nonirrigated*

*Hydric soil:* no

*Hydrologic group:*

*Potential for frost action:*

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
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#### Udipsamments

*Extent:* 5 to 40 percent of the unit

*Landform(s):* moraines, outwash plains, stream terraces

*Slope gradient:* 0 to 25 percent

*Parent material:* outwash

*Restrictive feature(s):* greater than 60 inches

*Flooding:*

*Ponding:*

*Drainage class:*

*Soil loss tolerance (T factor):* 5

*Wind erodibility group (WEG):*

*Wind erodibility index (WEI):*

*Kw factor (surface layer)*

*Land capability, nonirrigated*

*Hydric soil:* no

*Hydrologic group:*

*Potential for frost action:*

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
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## Map Unit Description (MN)

Pine County, Minnesota

### DA--Denied Access

#### Denied Access

*Extent:* 100 percent of the unit

*Landform(s):*

*Slope gradient:*

*Parent material:*

*Restrictive feature(s):* greater than 60 inches

*Flooding:*

*Ponding:*

*Drainage class:*

*Soil loss tolerance (T factor):*

*Wind erodibility group (WEG):*

*Wind erodibility index (WEI):*

*Kw factor (surface layer)*

*Land capability, nonirrigated*

*Hydric soil:*

*Hydrologic group:*

*Potential for frost action:*

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
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### NOTCOM--Not completed

#### NOTCOM

*Extent:* 100 percent of the unit

*Landform(s):*

*Slope gradient:*

*Parent material:*

*Restrictive feature(s):* greater than 60 inches

*Flooding:*

*Ponding:*

*Drainage class:*

*Soil loss tolerance (T factor):*

*Wind erodibility group (WEG):*

*Wind erodibility index (WEI):*

*Kw factor (surface layer)*

*Land capability, nonirrigated*

*Hydric soil:*

*Hydrologic group:*

*Potential for frost action:*

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
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# Map Unit Description (MN)

Pine County, Minnesota

## W--Water

### Water

*Extent:* 100 percent of the unit

*Landform(s):* lakes

*Slope gradient:* 0 to 0 percent

*Parent material:*

*Restrictive feature(s):* greater than 60 inches

*Flooding:*

*Ponding:*

*Drainage class:*

*Soil loss tolerance (T factor):*

*Wind erodibility group (WEG):*

*Wind erodibility index (WEI):*

*Kw factor (surface layer)*

*Land capability, nonirrigated*

*Hydric soil:*

*Hydrologic group:*

*Potential for frost action:*

<i>Representative soil profile:</i>	<i>Texture</i>	<i>Permeability</i>	<i>Available water capacity</i>	<i>pH</i>
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This report provides a semitabular listing of some soil and site properties and interpretations that are valuable in communicating the concept of a map unit. The report also provides easy access to the commonly used conservation planning information in one place. The major soil components in each map unit are displayed. Minor components may be displayed if they are included in the database and are selected at the time the report is generated.