

# Seamless\_Soils\_Study\_Area

## File Geodatabase Feature Class



### Tags

geoscientificInformation, soil

### Summary

To provide a seamless soils coverage for Southern Manitoba.

### Description

The seamless soils data is a compilation of regional soil report data for Southern Manitoba. The regional reports were mapped at 1:20,000, 1:40,000, 1:50,000, 1:63,360, 1:100,000, 1:125,000 and 1:126,720.

### Credits

Western Land Resource Group-Manitoba, SPARC, Research Branch, Agriculture and Agri-Food Canada Manitoba Soil Resource Section, Soils and Crops Branch, Manitoba Agriculture Food and Rural Initiatives

### Use limitations

Data is to be used at the scale it was created.

## ArcGIS Metadata ►

### Topics and Keywords ►

\* CONTENT TYPE Downloadable Data

*Hide Topics and Keywords ▲*

### Citation ►

\* TITLE Seamless\_Soils\_Study\_Area

PRESENTATION FORMATS \* digital map

*Hide Citation ▲*

### Resource Details ►

DATASET LANGUAGES \* English (CANADA)

SPATIAL REPRESENTATION TYPE \* vector

\* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.5.4400

**CREDITS**

Western Land Resource Group-Manitoba, SPARC, Research Branch, Agriculture and Agri-Food Canada  
 Manitoba Soil Resource Section, Soils and Crops Branch, Manitoba Agriculture Food and Rural Initiatives

**ARCgis ITEM PROPERTIES**

\* **NAME** Seamless\_Soils\_Study\_Area  
 \* **SIZE** 0.000  
 \* **LOCATION** file:///\\mbwinfnfs106\gis\data8\projects\land\soil\SMAPVEX12\data\Geodatabase\SMAPVEX\_MASTER.gdb  
 \* **ACCESS PROTOCOL** Local Area Network

[Hide Resource Details ▲](#)

**Extents ►****EXTENT****GEOGRAPHIC EXTENT****BOUNDING RECTANGLE**

**EXTENT TYPE** Extent used for searching  
 \* **WEST LONGITUDE** -98.566754  
 \* **EAST LONGITUDE** -97.607812  
 \* **NORTH LATITUDE** 50.022007  
 \* **SOUTH LATITUDE** 49.392633  
 \* **EXTENT CONTAINS THE RESOURCE** Yes

**EXTENT IN THE ITEM'S COORDINATE SYSTEM**

\* **WEST LONGITUDE** 531434.151500  
 \* **EAST LONGITUDE** 599742.394800  
 \* **SOUTH LATITUDE** 5472012.802600  
 \* **NORTH LATITUDE** 5541169.788900  
 \* **EXTENT CONTAINS THE RESOURCE** Yes

[Hide Extents ▲](#)

**Resource Constraints ►****CONSTRAINTS****LIMITATIONS OF USE**

Data is to be used at the scale it was created.

[Hide Resource Constraints ▲](#)

**Spatial Reference ►****ARCgis COORDINATE SYSTEM**

\* **TYPE** Projected  
 \* **GEOGRAPHIC COORDINATE REFERENCE** GCS\_North\_American\_1983  
 \* **PROJECTION** NAD\_1983\_UTM\_Zone\_14N  
 \* **COORDINATE REFERENCE DETAILS**  
**PROJECTED COORDINATE SYSTEM**  
**WELL-KNOWN IDENTIFIER** 26914  
**X ORIGIN** -5120900  
**Y ORIGIN** -9998100  
**XY SCALE** 10000

Z ORIGIN -100000  
 Z SCALE 10000  
 M ORIGIN -100000  
 M SCALE 10000  
 XY TOLERANCE 0.001  
 Z TOLERANCE 0.001  
 M TOLERANCE 0.001  
 HIGH PRECISION true  
 WELL-KNOWN TEXT PROJCS["NAD\_1983\_UTM\_Zone\_14N",GEOGCS  
 ["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID  
 ["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT  
 ["Degree",0.0174532925199433]],PROJECTION["Transverse\_Mercator"],PARAMETER  
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 ["Central\_Meridian",-99.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER  
 ["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26914]]

#### REFERENCE SYSTEM IDENTIFIER

\*  
 \* CODESPACE EPSG  
 \* VERSION 7.4.1

*Hide Spatial Reference ▲*

## Spatial Data Properties ►

#### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME Seamless\_Soils\_Study\_Area

\* OBJECT TYPE composite

\* OBJECT COUNT 3263

*Hide Vector ▲*

#### ARCGIS FEATURE CLASS PROPERTIES ►

\* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Polygon  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 3263  
 \* SPATIAL INDEX TRUE  
 \* LINEAR REFERENCING FALSE

*Hide ArcGIS Feature Class Properties ▲*

*Hide Spatial Data Properties ▲*

## Geoprocessing history ►

#### PROCESS

DATE 2012-11-20 08:25:40

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.0\ArcToolbox\Toolboxes\Analysis  
Tools.tbx\Clip

COMMAND ISSUED

Clip "Seamless Soils (1:20000 - 1:100000) - Manitoba" SMAPVEX\_AOI W:\data8  
 \projects\land\soil\SMAPVEX12\data\Kurt\Soils\_SMAPVEX.shp #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

DATE 2012-11-20 09:38:52

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.0\ArcToolbox\Toolboxes\Conversion  
 Tools.tbx\FeatureClassToFeatureClass

## COMMAND ISSUED

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```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

**Distribution ►**





*Hide Field Shape ▲*

FIELD AREA ►

- \* ALIAS AREA
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

*Hide Field AREA ▲*

FIELD PERIMETER ►

- \* ALIAS PERIMETER
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

*Hide Field PERIMETER ▲*

FIELD SM04\_MB\_ ►

- \* ALIAS SM04\_MB\_
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SM04\_MB\_ ▲*

FIELD SM04\_MB\_ID ►

- \* ALIAS SM04\_MB\_ID
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SM04\_MB\_ID ▲*

FIELD TAGID ►

- \* ALIAS TAGID
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

*Hide Field TAGID ▲*

FIELD RM ►

- \* ALIAS RM
- \* DATA TYPE String
- \* WIDTH 25
- \* PRECISION 0



\* SCALE 0

*Hide Field RM ▲*

FIELD KEY ►

\* ALIAS KEY  
\* DATA TYPE String  
\* WIDTH 45  
\* PRECISION 0  
\* SCALE 0

*Hide Field KEY ▲*

FIELD MAPUNITNOM ►

\* ALIAS MAPUNITNOM  
\* DATA TYPE String  
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\* PRECISION 0  
\* SCALE 0

*Hide Field MAPUNITNOM ▲*

FIELD SOIL\_CODE1 ►

\* ALIAS SOIL\_CODE1  
\* DATA TYPE String  
\* WIDTH 3  
\* PRECISION 0  
\* SCALE 0

*Hide Field SOIL\_CODE1 ▲*

FIELD MODIFIER1 ►

\* ALIAS MODIFIER1  
\* DATA TYPE String  
\* WIDTH 3  
\* PRECISION 0  
\* SCALE 0

*Hide Field MODIFIER1 ▲*

FIELD CLASS1 ►

\* ALIAS CLASS1  
\* DATA TYPE String  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field CLASS1 ▲*

FIELD EXTENT1 ►

\* ALIAS EXTENT1  
\* DATA TYPE Integer  
\* WIDTH 4

- \* PRECISION 0
- \* SCALE 0

*Hide Field EXTENT1 ▲*

FIELD **SOIL\_CODE2 ▶**

- \* ALIAS SOIL\_CODE2
- \* DATA TYPE String
- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

*Hide Field SOIL\_CODE2 ▲*

FIELD **MODIFIER2 ▶**

- \* ALIAS MODIFIER2
- \* DATA TYPE String
- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

*Hide Field MODIFIER2 ▲*

FIELD **CLASS2 ▶**

- \* ALIAS CLASS2
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field CLASS2 ▲*

FIELD **EXTENT2 ▶**

- \* ALIAS EXTENT2
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field EXTENT2 ▲*

FIELD **SOIL\_CODE3 ▶**

- \* ALIAS SOIL\_CODE3
- \* DATA TYPE String
- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

*Hide Field SOIL\_CODE3 ▲*

FIELD **MODIFIER3 ▶**

- \* ALIAS MODIFIER3
- \* DATA TYPE String

- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

*Hide Field MODIFIER3 ▲*

FIELD CLASS3 ►

- \* ALIAS CLASS3
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field CLASS3 ▲*

FIELD EXTENT3 ►

- \* ALIAS EXTENT3
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field EXTENT3 ▲*

FIELD SLOPEP1 ►

- \* ALIAS SLOPEP1
- \* DATA TYPE Single
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SLOPEP1 ▲*

FIELD SLOPEP2 ►

- \* ALIAS SLOPEP2
- \* DATA TYPE Single
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SLOPEP2 ▲*

FIELD SLOPEP3 ►

- \* ALIAS SLOPEP3
- \* DATA TYPE Single
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SLOPEP3 ▲*

FIELD STONE1 ►

- \* ALIAS STONE1

\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field STONE1 ▲*

FIELD STONE2 ►

\* ALIAS STONE2  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field STONE2 ▲*

FIELD STONE3 ►

\* ALIAS STONE3  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field STONE3 ▲*

FIELD EROSION1 ►

\* ALIAS EROSION1  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field EROSION1 ▲*

FIELD EROSION2 ►

\* ALIAS EROSION2  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field EROSION2 ▲*

FIELD EROSION3 ►

\* ALIAS EROSION3  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field EROSION3 ▲*

FIELD SALINITY1 ►

\* ALIAS SALINITY1  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SALINITY1 ▲*

FIELD SALINITY2 ►

\* ALIAS SALINITY2  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SALINITY2 ▲*

FIELD SALINITY3 ►

\* ALIAS SALINITY3  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SALINITY3 ▲*

FIELD SLOPE\_LEN1 ►

\* ALIAS SLOPE\_LEN1  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SLOPE\_LEN1 ▲*

FIELD SLOPE\_LEN2 ►

\* ALIAS SLOPE\_LEN2  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SLOPE\_LEN2 ▲*

FIELD SLOPE\_LEN3 ►

\* ALIAS SLOPE\_LEN3  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field SLOPE\_LEN3 ▲*

FIELD LS\_MEAN1 ►  
\* ALIAS LS\_MEAN1  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

*Hide Field LS\_MEAN1 ▲*

FIELD LS\_MEAN2 ►  
\* ALIAS LS\_MEAN2  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

*Hide Field LS\_MEAN2 ▲*

FIELD LS\_MEAN3 ►  
\* ALIAS LS\_MEAN3  
\* DATA TYPE Double  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

*Hide Field LS\_MEAN3 ▲*

FIELD C\_ERPOLY ►  
\* ALIAS C\_ERPOLY  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field C\_ERPOLY ▲*

FIELD C\_AGRI ►  
\* ALIAS C\_AGRI  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field C\_AGRI ▲*

FIELD C\_SLOPE ►  
\* ALIAS C\_SLOPE  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field C\_SLOPE ▲*

## FIELD C\_GEN ►

- \* ALIAS C\_GEN
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_GEN ▲*

## FIELD C\_POT ►

- \* ALIAS C\_POT
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_POT ▲*

## FIELD C\_DRAIN ►

- \* ALIAS C\_DRAIN
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_DRAIN ▲*

## FIELD C\_MAN ►

- \* ALIAS C\_MAN
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_MAN ▲*

## FIELD C\_SALT ►

- \* ALIAS C\_SALT
- \* DATA TYPE Integer
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_SALT ▲*

## FIELD C\_SOIL ►

- \* ALIAS C\_SOIL
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

*Hide Field C\_SOIL ▲*



FIELD C\_SURFTEXT ►  
\* ALIAS C\_SURFTEXT  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field C\_SURFTEXT ▲*

FIELD C\_STONE ►  
\* ALIAS C\_STONE  
\* DATA TYPE Integer  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field C\_STONE ▲*

FIELD ERCLS1 ►  
\* ALIAS ERCLS1  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field ERCLS1 ▲*

FIELD ERCLS2 ►  
\* ALIAS ERCLS2  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field ERCLS2 ▲*

FIELD ERCLS3 ►  
\* ALIAS ERCLS3  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field ERCLS3 ▲*

FIELD ERPOLY ►  
\* ALIAS ERPOLY  
\* DATA TYPE String  
\* WIDTH 1  
\* PRECISION 0  
\* SCALE 0

*Hide Field ERPOLY ▲*

FIELD **ERSYMBOL** ►

- \* ALIAS    ERSYMBOL
- \* DATA TYPE   String
- \* WIDTH    8
- \* PRECISION   0
- \* SCALE    0

*Hide Field ERSYMBOL ▲*

FIELD **AGRI\_CAP1** ►

- \* ALIAS    AGRI\_CAP1
- \* DATA TYPE   String
- \* WIDTH    4
- \* PRECISION   0
- \* SCALE    0

*Hide Field AGRI\_CAP1 ▲*

FIELD **AGRI\_CAP2** ►

- \* ALIAS    AGRI\_CAP2
- \* DATA TYPE   String
- \* WIDTH    4
- \* PRECISION   0
- \* SCALE    0

*Hide Field AGRI\_CAP2 ▲*

FIELD **AGRI\_CAP3** ►

- \* ALIAS    AGRI\_CAP3
- \* DATA TYPE   String
- \* WIDTH    4
- \* PRECISION   0
- \* SCALE    0

*Hide Field AGRI\_CAP3 ▲*

FIELD **SOIL\_FACT1** ►

- \* ALIAS    SOIL\_FACT1
- \* DATA TYPE   String
- \* WIDTH    3
- \* PRECISION   0
- \* SCALE    0

*Hide Field SOIL\_FACT1 ▲*

FIELD **LANDSCAPE1** ►

- \* ALIAS    LANDSCAPE1
- \* DATA TYPE   String
- \* WIDTH    4
- \* PRECISION   0
- \* SCALE    0

*Hide Field LANDSCAPE1 ▲*

FIELD IRRIG\_CLA1 ►

- \* ALIAS IRRIG\_CLA1
- \* DATA TYPE String
- \* WIDTH 7
- \* PRECISION 0
- \* SCALE 0

*Hide Field IRRIG\_CLA1 ▲*

FIELD GEN\_RATIN1 ►

- \* ALIAS GEN\_RATIN1
- \* DATA TYPE String
- \* WIDTH 9
- \* PRECISION 0
- \* SCALE 0

*Hide Field GEN\_RATIN1 ▲*

FIELD POT\_IMPAC1 ►

- \* ALIAS POT\_IMPAC1
- \* DATA TYPE String
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

*Hide Field POT\_IMPAC1 ▲*

FIELD SOIL\_FACT2 ►

- \* ALIAS SOIL\_FACT2
- \* DATA TYPE String
- \* WIDTH 3
- \* PRECISION 0
- \* SCALE 0

*Hide Field SOIL\_FACT2 ▲*

FIELD LANDSCAPE2 ►

- \* ALIAS LANDSCAPE2
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field LANDSCAPE2 ▲*

FIELD IRRIG\_CLA2 ►

- \* ALIAS IRRIG\_CLA2
- \* DATA TYPE String
- \* WIDTH 7
- \* PRECISION 0

\* SCALE 0

*Hide Field IRRIG\_CLA2 ▲*

FIELD GEN\_RATIN2 ►

\* ALIAS GEN\_RATIN2  
\* DATA TYPE String  
\* WIDTH 9  
\* PRECISION 0  
\* SCALE 0

*Hide Field GEN\_RATIN2 ▲*

FIELD POT\_IMPAC2 ►

\* ALIAS POT\_IMPAC2  
\* DATA TYPE String  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

*Hide Field POT\_IMPAC2 ▲*

FIELD SOIL\_FACT3 ►

\* ALIAS SOIL\_FACT3  
\* DATA TYPE String  
\* WIDTH 3  
\* PRECISION 0  
\* SCALE 0

*Hide Field SOIL\_FACT3 ▲*

FIELD LANDSCAPE3 ►

\* ALIAS LANDSCAPE3  
\* DATA TYPE String  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field LANDSCAPE3 ▲*

FIELD IRRIG\_CLA3 ►

\* ALIAS IRRIG\_CLA3  
\* DATA TYPE String  
\* WIDTH 7  
\* PRECISION 0  
\* SCALE 0

*Hide Field IRRIG\_CLA3 ▲*

FIELD GEN\_RATIN3 ►

\* ALIAS GEN\_RATIN3  
\* DATA TYPE String  
\* WIDTH 9

\* PRECISION 0  
\* SCALE 0

*Hide Field GEN\_RATIN3 ▲*

FIELD POT\_IMPAC3 ►

\* ALIAS POT\_IMPAC3  
\* DATA TYPE String  
\* WIDTH 8  
\* PRECISION 0  
\* SCALE 0

*Hide Field POT\_IMPAC3 ▲*

FIELD DRAINAGE1 ►

\* ALIAS DRAINAGE1  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

*Hide Field DRAINAGE1 ▲*

FIELD DRAINAGE2 ►

\* ALIAS DRAINAGE2  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

*Hide Field DRAINAGE2 ▲*

FIELD DRAINAGE3 ►

\* ALIAS DRAINAGE3  
\* DATA TYPE String  
\* WIDTH 2  
\* PRECISION 0  
\* SCALE 0

*Hide Field DRAINAGE3 ▲*

FIELD SURFTEXT1 ►

\* ALIAS SURFTEXT1  
\* DATA TYPE String  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

*Hide Field SURFTEXT1 ▲*

FIELD SURFTEXT2 ►

\* ALIAS SURFTEXT2  
\* DATA TYPE String

- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SURFTEXT2 ▲*

FIELD SURFTEXT3 ►

- \* ALIAS SURFTEXT3
- \* DATA TYPE String
- \* WIDTH 4
- \* PRECISION 0
- \* SCALE 0

*Hide Field SURFTEXT3 ▲*

FIELD SURFTEXTM1 ►

- \* ALIAS SURFTEXTM1
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

*Hide Field SURFTEXTM1 ▲*

FIELD SURFTEXTM2 ►

- \* ALIAS SURFTEXTM2
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

*Hide Field SURFTEXTM2 ▲*

FIELD SURFTEXTM3 ►

- \* ALIAS SURFTEXTM3
- \* DATA TYPE String
- \* WIDTH 2
- \* PRECISION 0
- \* SCALE 0

*Hide Field SURFTEXTM3 ▲*

FIELD MANCON1 ►

- \* ALIAS MANCON1
- \* DATA TYPE String
- \* WIDTH 14
- \* PRECISION 0
- \* SCALE 0

*Hide Field MANCON1 ▲*

FIELD MANCON2 ►

- \* ALIAS MANCON2

\* DATA TYPE String  
 \* WIDTH 14  
 \* PRECISION 0  
 \* SCALE 0

*Hide Field MANCON2 ▲*

FIELD MANCON3 ►

\* ALIAS MANCON3  
 \* DATA TYPE String  
 \* WIDTH 14  
 \* PRECISION 0  
 \* SCALE 0

*Hide Field MANCON3 ▲*

FIELD Shape\_Length ►

\* ALIAS Shape\_Length  
 \* DATA TYPE Double  
 \* WIDTH 8  
 \* PRECISION 0  
 \* SCALE 0  
 \* FIELD DESCRIPTION  
 Length of feature in internal units.

\* DESCRIPTION SOURCE  
 ESRI

\* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

*Hide Field Shape\_Length ▲*

FIELD Shape\_Area ►

\* ALIAS Shape\_Area  
 \* DATA TYPE Double  
 \* WIDTH 8  
 \* PRECISION 0  
 \* SCALE 0  
 \* FIELD DESCRIPTION  
 Area of feature in internal units squared.

\* DESCRIPTION SOURCE  
 ESRI

\* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

*Hide Field Shape\_Area ▲*

FIELD RuleID ►

\* ALIAS RuleID  
 \* DATA TYPE Integer  
 \* WIDTH 4  
 \* PRECISION 0  
 \* SCALE 0



[Hide Field RuleID ▲](#)

[Hide Details for object Seamless\\_Soils\\_Study\\_Area ▲](#)

DETAILS FOR OBJECT **sm04\_mb.pat** ►

\* TYPE Feature Class  
\* ROW COUNT 104705

FIELD **FID** ►

\* ALIAS FID  
\* DATA TYPE OID  
\* WIDTH 4  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD **Shape** ►

\* ALIAS Shape  
\* DATA TYPE Geometry  
\* WIDTH 0  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Feature geometry.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD **AREA** ►

\* WIDTH 8  
\* OUTPUT WIDTH 18  
\* DATA TYPE Float  
\* NUMBER OF DECIMALS 5

DESCRIPTION SOURCE

ESRI

\* FIELD DESCRIPTION

Area of feature in internal units squared.

DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

[Hide Field AREA ▲](#)

## FIELD PERIMETER ►

- \* WIDTH 8
- \* OUTPUT WIDTH 18
- \* DATA TYPE Float
- \* NUMBER OF DECIMALS 5

DESCRIPTION SOURCE  
ESRI

- \* FIELD DESCRIPTION  
Perimeter of feature in internal units.

DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

*Hide Field PERIMETER ▲*

## FIELD SM04\_MB# ►

- \* WIDTH 4
- \* OUTPUT WIDTH 5
- \* DATA TYPE Binary

DESCRIPTION SOURCE  
ESRI

- \* FIELD DESCRIPTION  
Internal feature number.

DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

*Hide Field SM04\_MB# ▲*

## FIELD SM04\_MB-ID ►

- \* WIDTH 4
- \* OUTPUT WIDTH 5
- \* DATA TYPE Binary

DESCRIPTION SOURCE  
ESRI

- \* FIELD DESCRIPTION  
User-defined feature number.

*Hide Field SM04\_MB-ID ▲*

## FIELD TAGID ►

- \* WIDTH 20
- \* OUTPUT WIDTH 20
- \* DATA TYPE Character
- \* NUMBER OF DECIMALS 0

FIELD DESCRIPTION

System Attribute for storing polygon identifier. Field is common to all map databases and is used to connect databases in GIS or Database program to each other.

DESCRIPTION OF VALUES Character field

*Hide Field TAGID ▲*

## FIELD RM ►

- \* WIDTH 25

- \* OUTPUT WIDTH 25
- \* DATA TYPE Character
- \* NUMBER OF DECIMALS 0

## FIELD DESCRIPTION

Manitoba Rural Municipality name.

DESCRIPTION OF VALUES Character field

*Hide Field RM ▲*

## FIELD KEY ►

- \* WIDTH 45
- \* OUTPUT WIDTH 45
- \* DATA TYPE Character

## FIELD DESCRIPTION

Unique unique soil polygon identifier. Combines RM and TAGID fields.

DESCRIPTION OF VALUES Character field

*Hide Field KEY ▲*

## FIELD MAPUNITNOM ►

- \* WIDTH 60
- \* OUTPUT WIDTH 60
- \* DATA TYPE Character

## FIELD DESCRIPTION

Soil map unit symbol as shown on the original paper map.

DESCRIPTION OF VALUES Character field

*Hide Field MAPUNITNOM ▲*

## FIELD SOIL\_CODE1 ►

- \* WIDTH 3
- \* OUTPUT WIDTH 3
- \* DATA TYPE Character

## FIELD DESCRIPTION

Three character soil code for the primary soil name.

DESCRIPTION OF VALUES Character field

*Hide Field SOIL\_CODE1 ▲*

## FIELD MODIFIER1 ►

- \* WIDTH 3
- \* OUTPUT WIDTH 3
- \* DATA TYPE Character

## FIELD DESCRIPTION

Three character code to show primary soil variations. Modifiers may be used in various combinations as required. Common single modifiers include: d\_\_ - drained phase, p\_\_ - peaty phase, S\_\_ - Sphagmic phase (organic soils only), v\_\_ - very poorly drained phase, s\_\_ slightly saline phase, t\_\_ - moderately saline phase, u\_\_ - strongly saline phase, C\_\_ - clay substrate phase, 1\_\_ - numeric variant (series specific), 2\_\_ - numeric variant (series specific), \_\_1 - slightly eroded phase, \_\_2 - moderately eroded phase, \_\_3 - strongly eroded phase, \_\_o - overblown phase, \_\_a -

active phase. Modifier codes are left justified except for erosion phase variants.

DESCRIPTION OF VALUES Character field

*Hide Field MODIFIER1 ▲*

#### FIELD CLASS1 ►

\* WIDTH 4  
\* OUTPUT WIDTH 4  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Field for storing erosion, slope, stoniness and salinity codes for the primary soil. Used with SOIL\_CODE1 and MODIFIER1 to create unique soil map units.

DESCRIPTION OF VALUES Character field

*Hide Field CLASS1 ▲*

#### FIELD EXTENT1 ►

\* WIDTH 4  
\* OUTPUT WIDTH 3  
\* DATA TYPE Binary

##### FIELD DESCRIPTION

Percent of the map unit occupied by the primary soil.

##### RANGE OF VALUES

MINIMUM VALUE 40  
MAXIMUM VALUE 100

*Hide Field EXTENT1 ▲*

#### FIELD SOIL\_CODE2 ►

\* WIDTH 3  
\* OUTPUT WIDTH 3  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Three character soil code for the secondary soil name.

DESCRIPTION OF VALUES Character field

*Hide Field SOIL\_CODE2 ▲*

#### FIELD MODIFIER2 ►

\* WIDTH 3  
\* OUTPUT WIDTH 3  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Three character code to show secondary soil variations. Modifiers may be used in various combinations as required. Common single modifiers include: d\_\_ - drained phase, p\_\_ - peaty phase, S\_\_ - Sphagmic phase (organic soils only), v\_\_ - very poorly drained phase, s\_\_ slightly saline phase, t\_\_ - moderately saline phase, u\_\_ - strongly saline phase, C\_\_ - clay substrate phase, 1\_\_ - numeric variant (series specific), 2\_\_ - numeric variant (series specific), \_\_1 - slightly eroded phase, \_\_2 - moderately eroded phase, \_\_3 - strongly eroded phase, \_\_o - overblown phase, \_\_a - active phase. Modifier codes are left justified except for erosion phase variants.

DESCRIPTION OF VALUES Character field

*Hide Field MODIFIER2 ▲*

#### FIELD CLASS2 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 4
- \* DATA TYPE Character

##### FIELD DESCRIPTION

Field for storing erosion, slope, stoniness and salinity codes for the secondary soil.  
Used with SOIL\_CODE2 and MODIFIER2 to create unique soil map units.

DESCRIPTION OF VALUES Character field

*Hide Field CLASS2 ▲*

#### FIELD EXTENT2 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 2
- \* DATA TYPE Binary

##### FIELD DESCRIPTION

Percent of the map unit occupied by the secondary soil.

##### RANGE OF VALUES

MINIMUM VALUE 0  
MAXIMUM VALUE 50

*Hide Field EXTENT2 ▲*

#### FIELD SOIL\_CODE3 ►

- \* WIDTH 3
- \* OUTPUT WIDTH 3
- \* DATA TYPE Character

##### FIELD DESCRIPTION

Three character soil code for the tertiary soil name.

DESCRIPTION OF VALUES Character field

*Hide Field SOIL\_CODE3 ▲*

#### FIELD MODIFIER3 ►

- \* WIDTH 3
- \* OUTPUT WIDTH 3
- \* DATA TYPE Character

##### FIELD DESCRIPTION

Three character code to show tertiary soil variations. Modifiers may be used in various combinations as required. Common single modifiers include: d\_\_ - drained phase, p\_\_ - peaty phase, S\_\_ - Sphagnic phase (organic soils only), v\_\_ - very poorly drained phase, s\_\_ slightly saline phase, t\_\_ - moderately saline phase, u\_\_ - strongly saline phase, C\_\_ - clay substrate phase, 1\_\_ - numeric variant (series specific), 2\_\_ - numeric variant (series specific), \_\_1 - slightly eroded phase, \_\_2 - moderately eroded phase, \_\_3 - strongly eroded phase, \_\_o - overblown phase, \_\_a - active phase. Modifier codes are left justified except for erosion phase variants.

DESCRIPTION OF VALUES Character field

[Hide Field MODIFIER3 ▲](#)

FIELD CLASS3 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 4
- \* DATA TYPE Character

FIELD DESCRIPTION

Field for storing erosion, slope, stoniness and salinity codes for the tertiary soil. Used with SOIL\_CODE3 and MODIFIER3 to create unique soil map units.

DESCRIPTION OF VALUES Character field

[Hide Field CLASS3 ▲](#)

FIELD EXTENT3 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 2
- \* DATA TYPE Binary

FIELD DESCRIPTION

Percent of the map unit occupied by the tertiary soil.

RANGE OF VALUES

MINIMUM VALUE 0  
MAXIMUM VALUE 30

[Hide Field EXTENT3 ▲](#)

FIELD SLOPEP1 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 5
- \* DATA TYPE Float
- \* NUMBER OF DECIMALS 1

FIELD DESCRIPTION

Slope steepness (in percent) of the primary soil.

LIST OF VALUES

VALUE -9  
DESCRIPTION Not applicable (SOIL\_CODE1 is nonsoil or unclassified)

VALUE 0.1  
DESCRIPTION Percent

VALUE 0.2  
DESCRIPTION Percent

VALUE 0.5  
DESCRIPTION Percent

VALUE 1  
DESCRIPTION Percent

VALUE 1.5  
DESCRIPTION Percent

VALUE 2

DESCRIPTION Percent

VALUE 3.5

DESCRIPTION Percent

VALUE 7

DESCRIPTION Percent

VALUE 7.5

DESCRIPTION Percent

VALUE 12

DESCRIPTION Percent

VALUE 12.5

DESCRIPTION Percent

VALUE 22

DESCRIPTION Percent

VALUE 22.5

DESCRIPTION Percent

VALUE 37.5

DESCRIPTION Percent

VALUE 57.5

DESCRIPTION Percent

VALUE 85

DESCRIPTION Percent

*Hide Field SLOPEP1 ▲*

FIELD SLOPEP2 ►

\* WIDTH 4

\* OUTPUT WIDTH 5

\* DATA TYPE Float

\* NUMBER OF DECIMALS 1

FIELD DESCRIPTION

Slope steepness (in percent) of the secondary soil.

LIST OF VALUES

VALUE -9

DESCRIPTION Not applicable (SOIL\_CODE2 is nonsoil or unclassified)

VALUE 0.1

DESCRIPTION Percent

VALUE 0.2

DESCRIPTION Percent

VALUE 0.5

DESCRIPTION Percent

VALUE 1

DESCRIPTION Percent



VALUE 1.5  
DESCRIPTION Percent

VALUE 2  
DESCRIPTION Percent

VALUE 3.5  
DESCRIPTION Percent

VALUE 7  
DESCRIPTION Percent

VALUE 7.5  
DESCRIPTION Percent

VALUE 12  
DESCRIPTION Percent

VALUE 12.5  
DESCRIPTION Percent

VALUE 22.5  
DESCRIPTION Percent

VALUE 37.5  
DESCRIPTION Percent

VALUE 57.5  
DESCRIPTION Percent

VALUE 85  
DESCRIPTION Percent

*Hide Field SLOPEP2 ▲*

FIELD SLOPEP3 ►

\*WIDTH 4

\*OUTPUT WIDTH 5

\*DATA TYPE Float

\*NUMBER OF DECIMALS 1

FIELD DESCRIPTION

Slope steepness (in percent) of the tertiary soil.

LIST OF VALUES

VALUE -9

DESCRIPTION Not applicable (SOIL\_CODE3 is nonsoil or unclassified)

VALUE 0.1

DESCRIPTION Percent

VALUE 0.2

DESCRIPTION Percent

VALUE 0.5

DESCRIPTION Percent

VALUE 1  
DESCRIPTION Percent

VALUE 3.5  
DESCRIPTION Percent

VALUE 7  
DESCRIPTION Percent

VALUE 7.5  
DESCRIPTION Percent

VALUE 12  
DESCRIPTION Percent

VALUE 12.5  
DESCRIPTION Percent

VALUE 22.5  
DESCRIPTION Percent

VALUE 37.5  
DESCRIPTION Percent

*Hide Field SLOPEP3 ▲*

FIELD **STONE1** ►

- \* WIDTH 1
- \* OUTPUT WIDTH 1
- \* DATA TYPE Character
- \* NUMBER OF DECIMALS 1

FIELD DESCRIPTION

Stoniness class of the primary soil.

LIST OF VALUES

VALUE -  
DESCRIPTION Not applicable

VALUE 0  
DESCRIPTION Non-stony (0 < 0.01% surface covered)

VALUE 1  
DESCRIPTION Slightly stony (0.01 - 0.1% surface covered)

VALUE 2  
DESCRIPTION Moderately stony (0.1 - 3% surface covered)

VALUE 3  
DESCRIPTION Very stony (3 - 15% surface covered)

VALUE 4  
DESCRIPTION Exceedingly stony (15 - 50% surface covered)

VALUE 5  
DESCRIPTION Excessively stony (> 50% surface covered)

*Hide Field STONE1 ▲*

## FIELD STONE2 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character  
 \* NUMBER OF DECIMALS 1

## FIELD DESCRIPTION

Stoniness class of the secondary soil.

## LIST OF VALUES

VALUE -  
 DESCRIPTION Not applicable

VALUE 0  
 DESCRIPTION Non-stony (0 < 0.01% surface covered)

VALUE 1  
 DESCRIPTION Slightly stony (0.01 - 0.1% surface covered)

VALUE 2  
 DESCRIPTION Moderately stony (0.1 - 3% surface covered)

VALUE 3  
 DESCRIPTION Very stony (3 - 15% surface covered)

VALUE 4  
 DESCRIPTION Exceedingly stony (15 - 50% surface covered)

VALUE 5  
 DESCRIPTION Excessively stony (> 50% surface covered)

*Hide Field STONE2 ▲*

## FIELD STONE3 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character

## FIELD DESCRIPTION

Stoniness class of the tertiary soil.

## LIST OF VALUES

VALUE -  
 DESCRIPTION Not applicable

VALUE 0  
 DESCRIPTION Non-stony (0 < 0.1% surface covered)

VALUE 1  
 DESCRIPTION Slightly stony (0.01 - 0.1% surface covered)

VALUE 2  
 DESCRIPTION Moderately stony (0.1 - 3% surface covered)

VALUE 3  
 DESCRIPTION Very stony (3 - 15% surface covered)

VALUE 4  
 DESCRIPTION Exceedingly stony (15 - 50% surface covered)

VALUE 5  
 DESCRIPTION Excessively stony (> 50% surface covered)

*Hide Field STONE3 ▲*

FIELD EROSION1 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character  
 FIELD DESCRIPTION

Apparent erosion class of the primary soil.

LIST OF VALUES

VALUE -  
 DESCRIPTION Not applicable

VALUE 0  
 DESCRIPTION Non-eroded

VALUE 1  
 DESCRIPTION Slightly eroded

VALUE 2  
 DESCRIPTION Moderately eroded

VALUE 3  
 DESCRIPTION Strongly eroded

VALUE o  
 DESCRIPTION Overblown

*Hide Field EROSION1 ▲*

FIELD EROSION2 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character  
 FIELD DESCRIPTION

Apparent erosion class of the secondary soil.

LIST OF VALUES

VALUE -  
 DESCRIPTION Not applicable

VALUE 0  
 DESCRIPTION Non-eroded

VALUE 1  
 DESCRIPTION Slightly eroded

VALUE 2  
 DESCRIPTION Moderately eroded

VALUE 3

DESCRIPTION Strongly eroded

VALUE 0

DESCRIPTION Overblown

*Hide Field EROSION2 ▲*

#### FIELD EROSION3 ►

\* WIDTH 1

\* OUTPUT WIDTH 1

\* DATA TYPE Character

##### FIELD DESCRIPTION

Apparent erosion class of the tertiary soil.

##### LIST OF VALUES

VALUE -

DESCRIPTION Not applicable

VALUE 0

DESCRIPTION Non-eroded

VALUE 1

DESCRIPTION Slightly eroded

VALUE 2

DESCRIPTION Moderately eroded

VALUE 3

DESCRIPTION Strongly eroded

VALUE 0

DESCRIPTION Overblown

*Hide Field EROSION3 ▲*

#### FIELD SALINITY1 ►

\* WIDTH 1

\* OUTPUT WIDTH 1

\* DATA TYPE Character

##### FIELD DESCRIPTION

Salinity class of the primary soil.

##### LIST OF VALUES

VALUE 0

DESCRIPTION Non-saline (0 - 4 mS/cm)

VALUE s

DESCRIPTION Weakly saline (4 - 8mS/cm)

VALUE t

DESCRIPTION Moderately saline (8 - 15 mS/cm)

VALUE u

DESCRIPTION Strongly saline (> 15 mS/cm)

VALUE -

DESCRIPTION No salinity rating

*Hide Field SALINITY1 ▲*

FIELD SALINITY2 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character

FIELD DESCRIPTION

Salinity class of the secondary soil.

LIST OF VALUES

VALUE	0
DESCRIPTION	Non-saline (0 - 4 mS/cm)
VALUE	s
DESCRIPTION	Weakly saline (4 - 8mS/cm)
VALUE	t
DESCRIPTION	Moderately saline (8 - 15 mS/cm)
VALUE	u
DESCRIPTION	Strongly saline (> 15 mS/cm)
VALUE	-
DESCRIPTION	No salinity rating

*Hide Field SALINITY2 ▲*

FIELD SALINITY3 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character

FIELD DESCRIPTION

Salinity class of the tertiary soil.

LIST OF VALUES

VALUE	0
DESCRIPTION	Non-saline (0 - 4 mS/cm)
VALUE	s
DESCRIPTION	Weakly saline (4 - 8mS/cm)
VALUE	t
DESCRIPTION	Moderately saline (8 - 15 mS/cm)
VALUE	u
DESCRIPTION	Strongly saline (> 15 mS/cm)
VALUE	-
DESCRIPTION	No salinity rating

*Hide Field SALINITY3 ▲*

FIELD SLOPE\_LEN1 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1

\* DATA TYPE Character

FIELD DESCRIPTION

Dominant slope length of the primary soil measured from the crest to the base of the slope.

LIST OF VALUES

VALUE -

DESCRIPTION Not Applicable

VALUE 1

DESCRIPTION < 50 metres

DESCRIPTION 50 - 200 metres

VALUE 2

VALUE 3

DESCRIPTION 200 - 400 metres

VALUE 4

DESCRIPTION 400 - 800 metres

VALUE 5

DESCRIPTION 800 - 1600 metres

VALUE 6

DESCRIPTION > 1600 metres

*Hide Field SLOPE\_LEN1 ▲*

FIELD SLOPE\_LEN2 ►

\* WIDTH 1

\* OUTPUT WIDTH 1

\* DATA TYPE Character

FIELD DESCRIPTION

Dominant slope length of the secondary soil measured from the crest to the base of the slope.

LIST OF VALUES

VALUE -

DESCRIPTION Not Applicable

VALUE 1

DESCRIPTION < 50 metres

VALUE 2

DESCRIPTION 50 - 200 metres

VALUE 3

DESCRIPTION 200 - 400 metres

VALUE 4

DESCRIPTION 400 - 800 metres

VALUE 5

DESCRIPTION 800 - 1600 metres

VALUE 6



DESCRIPTION > 1600 metres

[Hide Field SLOPE\\_LEN2 ▲](#)

#### FIELD SLOPE\_LEN3 ►

\* WIDTH 1  
 \* OUTPUT WIDTH 1  
 \* DATA TYPE Character

##### FIELD DESCRIPTION

Dominant slope length of the tertiary soil measured from the crest to the base of the slope.

##### LIST OF VALUES

VALUE -  
 DESCRIPTION Not Applicable

VALUE 1  
 DESCRIPTION < 50 metres

VALUE 2  
 DESCRIPTION 50 - 200 metres

VALUE 3  
 DESCRIPTION 200 - 400 metres

VALUE 4  
 DESCRIPTION 400 - 800 metres

VALUE 5  
 DESCRIPTION 800 - 1600 metres

VALUE 6  
 DESCRIPTION > 1600 metres

[Hide Field SLOPE\\_LEN3 ▲](#)

#### FIELD LS\_MEAN1 ►

\* WIDTH 8  
 \* OUTPUT WIDTH 12  
 \* DATA TYPE Float  
 \* NUMBER OF DECIMALS 5

##### FIELD DESCRIPTION

Slope length and steepness value used in the Universal Soil Loss Equation for the primary soil.

DESCRIPTION OF VALUES Numeric field

[Hide Field LS\\_MEAN1 ▲](#)

#### FIELD LS\_MEAN2 ►

\* WIDTH 8  
 \* OUTPUT WIDTH 12  
 \* DATA TYPE Float  
 \* NUMBER OF DECIMALS 5

##### FIELD DESCRIPTION

Slope length and steepness value used in the Universal Soil Loss Equation for the

secondary soil.

DESCRIPTION OF VALUES    Numeric field

*Hide Field LS\_MEAN2 ▲*

FIELD LS\_MEAN3 ►

\* WIDTH    8  
 \* OUTPUT WIDTH    12  
 \* DATA TYPE    Float  
 \* NUMBER OF DECIMALS    5

FIELD DESCRIPTION

Slope length and steepness value used in the Universal Soil Loss Equation for the tertiary soil.

DESCRIPTION OF VALUES    Numeric field

*Hide Field LS\_MEAN3 ▲*

FIELD C\_ERPOLY ►

\* WIDTH    4  
 \* OUTPUT WIDTH    3  
 \* DATA TYPE    Binary  
 \* NUMBER OF DECIMALS    5

FIELD DESCRIPTION

Numeric organization of ERPOLY data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE    6  
 DESCRIPTION    Water

VALUE    16  
 DESCRIPTION    Urban, modified or unclassified

VALUE    21  
 DESCRIPTION    Negligible (N)

VALUE    22  
 DESCRIPTION    Low (L)

VALUE    23  
 DESCRIPTION    Medium (M)

VALUE    24  
 DESCRIPTION    High (H)

VALUE    25  
 DESCRIPTION    Severe (S)

*Hide Field C\_ERPOLY ▲*

FIELD C\_AGRI ►

\* WIDTH    4  
 \* OUTPUT WIDTH    3  
 \* DATA TYPE    Binary

\* NUMBER OF DECIMALS 5

FIELD DESCRIPTION

Numeric organization of AGRI\_CAP1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6

DESCRIPTION Water

VALUE 16

DESCRIPTION Urban, modified or unclassified

VALUE 21

DESCRIPTION Agricultural Capability Class 1

VALUE 22

DESCRIPTION Agricultural Capability Class 2

VALUE 23

DESCRIPTION Agricultural Capability Class 3

VALUE 24

DESCRIPTION Agricultural Capability Class 4

VALUE 25

DESCRIPTION Agricultural Capability Class 5

VALUE 26

DESCRIPTION Agricultural Capability Class 6

VALUE 27

DESCRIPTION Agricultural Capability Class 7

VALUE 28

DESCRIPTION Agricultural Capability Class O (organic soils)

*Hide Field C\_AGRI ▲*

FIELD C\_SLOPE ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of SLOPEP1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6

DESCRIPTION Water

VALUE 16

DESCRIPTION Urban, modified or unclassified

VALUE 21

DESCRIPTION Slope 0, 0.5, 1.0%

VALUE 22

DESCRIPTION Slope 2.0 - 5.0%

VALUE 23

DESCRIPTION Slope 5.0 - 9.0%

VALUE 24

DESCRIPTION Slope 9.0 - 15.0%

VALUE 25

DESCRIPTION Slope 15.0 - 30.0%

VALUE 26

DESCRIPTION Slope > 30% or SOIL\_CODE1 is \$ER (eroded slopes)

*Hide Field C\_SLOPE ▲*

FIELD C\_GEN ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of GEN\_RATIN1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6

DESCRIPTION Water

VALUE 16

DESCRIPTION Urban, modified or unclassified

VALUE 21

DESCRIPTION Excellent

VALUE 22

DESCRIPTION Good

VALUE 23

DESCRIPTION Fair

VALUE 24

DESCRIPTION Poor

VALUE 25

DESCRIPTION Organic soil

*Hide Field C\_GEN ▲*

FIELD C\_POT ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of POT\_IMPAC1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6  
DESCRIPTION Water

VALUE 16  
DESCRIPTION Urban, modified or unclassified

VALUE 21  
DESCRIPTION None

VALUE 22  
DESCRIPTION Low

VALUE 23  
DESCRIPTION Medium

VALUE 24  
DESCRIPTION High

VALUE 25  
DESCRIPTION Organic soil

*Hide Field C\_POT ▲*

FIELD C\_DRAIN ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of DRAINAGE1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6  
DESCRIPTION Water

VALUE 13  
DESCRIPTION Marsh

VALUE 16  
DESCRIPTION Urban, modified or unclassified

VALUE 22  
DESCRIPTION Rapid

VALUE 23  
DESCRIPTION Well

VALUE 25  
DESCRIPTION Imperfect

VALUE 26  
DESCRIPTION Poor

VALUE 27  
DESCRIPTION Very Poor

VALUE 28

DESCRIPTION Rock

VALUE 29

DESCRIPTION Poor (Improved)

*Hide Field C\_DRAIN ▲*

#### FIELD C\_MAN ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

#### FIELD DESCRIPTION

Numeric organization of MANCON1 data into a numeric sequence for incorporation into a GIS.

#### LIST OF VALUES

VALUE 6

DESCRIPTION Water

VALUE 13

DESCRIPTION Marsh

VALUE 16

DESCRIPTION Urban, modified or unclassified

VALUE 20

DESCRIPTION No constraints

VALUE 21

DESCRIPTION C (coarse texture)

VALUE 24

DESCRIPTION T (topography), CWT (coarse texture, wetness, topography), FWT (fine texture, wetness, topography) or SOIL\_CODE1 is \$ER (eroded slopes)

VALUE 30

DESCRIPTION B (bedrock), WB (wetness, bedrock) or TB (topography, bedrock)

VALUE 31

DESCRIPTION W (wetness) or T (topography)

VALUE 33

DESCRIPTION F (fine texture)

VALUE 34

DESCRIPTION CW (coarse texture, wetness)

VALUE 35

DESCRIPTION CT (coarse texture, topography)

VALUE 40

DESCRIPTION FW (fine texture, wetness)

VALUE 45

DESCRIPTION Organic soil

VALUE 49

DESCRIPTION FT (fine texture, wetness)

[Hide Field C\\_MAN ▲](#)

FIELD C\_SALT ►

\* WIDTH 4

\* OUTPUT WIDTH 3

\* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of SALINITY1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

VALUE 6

DESCRIPTION Water

VALUE 16

DESCRIPTION Urban, modified or unclassified

VALUE 21

DESCRIPTION Salinity class 'x'

VALUE 22

DESCRIPTION Salinity class 's'

VALUE 23

DESCRIPTION Salinity class 't'

VALUE 24

DESCRIPTION Salinity class 'u'

[Hide Field C\\_SALT ▲](#)

FIELD C\_SOIL ►

\* WIDTH 8

\* OUTPUT WIDTH 8

\* DATA TYPE Float

\* NUMBER OF DECIMALS 0

FIELD DESCRIPTION

Numeric organization of Order, Mode of Deposition, Sub Group, Texture, Drainage, Chemical Composition and Climatic Zone data into a numeric sequence for incorporation into a GIS. All data is based on the primary soil.

LIST OF VALUES

VALUE 2

DESCRIPTION Urban, modified or unclassified

VALUE 6

DESCRIPTION Water

VALUE 16

DESCRIPTION Salt flats

VALUE 18

DESCRIPTION Sand and gravel

VALUE 19

DESCRIPTION	Eroded slopes
VALUE 20	
DESCRIPTION	Sand and gravel (gleysols)
VALUE 21	
DESCRIPTION	Sandy lacustrine
VALUE 22	
DESCRIPTION	Variable textured alluvium (regosols)
VALUE 26	
DESCRIPTION	Sandy eolian
VALUE 27	
DESCRIPTION	Loamy till with water worked surfaces
VALUE 28	
DESCRIPTION	Loamy till (black chernozems)
VALUE 29	
DESCRIPTION	Loamy till (gleysols)
VALUE 30	
DESCRIPTION	Sandy loam lacustrine
VALUE 31	
DESCRIPTION	Loamy lacustrine
VALUE 32	
DESCRIPTION	Strongly acidic clay till
VALUE 33	
DESCRIPTION	Clayey lacustrine (black chernozems)
VALUE 34	
DESCRIPTION	Sandy lacustrine (gleysols)
VALUE 35	
DESCRIPTION	Shallow organic fen peat
VALUE 36	
DESCRIPTION	Deep organic fen peat
VALUE 37	
DESCRIPTION	Sandy loam lacustrine (gleysols)
VALUE 38	
DESCRIPTION	Loam lacustrine (gleysols)
VALUE 40	
DESCRIPTION	Clayey lacustrine (gleysols)
VALUE 42	
DESCRIPTION	Clay over shale bedrock
VALUE 48	
DESCRIPTION	Loamy till (dark grey chernozems)



VALUE	49
DESCRIPTION	Marsh
VALUE	50
DESCRIPTION	Highly calcareous loamy till (brunisols and dark grey chernozems)
VALUE	51
DESCRIPTION	Loamy till (luvisols)
VALUE	52
DESCRIPTION	Highly calcareous loamy till (black chernozems)
VALUE	53
DESCRIPTION	Acidic coarse loamy till
VALUE	54
DESCRIPTION	Weakly calcareous sandy loam till
VALUE	55
DESCRIPTION	Weakly calcareous sandy loam till (gleysols)
VALUE	56
DESCRIPTION	Extremely calcareous loamy till (black chernozems)
VALUE	57
DESCRIPTION	Extremely calcareous loamy till (black chernozems)
VALUE	60
DESCRIPTION	Variable textured alluvium (gleysols)
VALUE	62
DESCRIPTION	Highly calcareous loamy till (gleysols)
VALUE	63
DESCRIPTION	Clayey lacustrine (gleysols)
VALUE	64
DESCRIPTION	Clayey lacustrine (luvisols and dark grey chernozems)
VALUE	68
DESCRIPTION	Shallow organic forest peat
VALUE	69
DESCRIPTION	Deep organic forest or sphagnum peat
VALUE	71
DESCRIPTION	Precambrian bedrock
VALUE	72
DESCRIPTION	Sand and gravel with overlays
VALUE	73
DESCRIPTION	Limestone bedrock
VALUE	74
DESCRIPTION	Sand and gravel with overlays (gleysols)

[Hide Field C\\_SOIL ▲](#)

FIELD C\_SURFTEXT ►

- \* WIDTH 4
- \* OUTPUT WIDTH 3
- \* DATA TYPE Binary

FIELD DESCRIPTION

Numeric organization of SURFTEXT1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

- |          |   |
|----------|---|
| VALUE 3  | DESCRIPTION SOIL_CODE1 is \$ER (eroded slopes)                    |
| VALUE 6  | DESCRIPTION Water   |
| VALUE 16 | DESCRIPTION Urban, modified or unclassified                       |
| VALUE 21 | DESCRIPTION Clayey (C, SIC, SC, C-CL)                             |
| VALUE 22 | DESCRIPTION Fine loamy (CL, SICL, SiCL, SCL, CL-L, CL-C, L-CL, L) |
| VALUE 23 | DESCRIPTION Coarse loamy (VFSL, SL-L, SIL, FSL, VFS, LVFS, SL)    |
| VALUE 24 | DESCRIPTION Sand (S-SL, LFS, LS, FS, CSL)                         |
| VALUE 25 | DESCRIPTION Coarse sands (CS, S, MS, GRSL, GRSL, LCS, CB)         |
| VALUE 26 | DESCRIPTION Organic (M, O, H, F)                                  |

[Hide Field C\\_SURFTEXT ▲](#)

FIELD C\_STONE ►

- \* WIDTH 4
- \* OUTPUT WIDTH 3
- \* DATA TYPE Binary
- \* NUMBER OF DECIMALS 0

FIELD DESCRIPTION

Numeric organization of STONE1 data into a numeric sequence for incorporation into a GIS.

LIST OF VALUES

- |          |   |
|----------|---|
| VALUE 6  | DESCRIPTION Water                           |
| VALUE 16 | DESCRIPTION Urban, modified or unclassified |
| VALUE 20 |   |

DESCRIPTION Non-stony

VALUE 21

DESCRIPTION Slightly stony

VALUE 22

DESCRIPTION Moderately stony

VALUE 23

DESCRIPTION Very stony

VALUE 24

DESCRIPTION Exceedingly stony

VALUE 25

DESCRIPTION Excessively stony

*Hide Field C\_STONE ▲*

#### FIELD ERCLS1 ►

\* WIDTH 1

\* OUTPUT WIDTH 1

\* DATA TYPE Character

##### FIELD DESCRIPTION

Calculation of the estimated soil loss on bare unprotected soil using the Universal Soil Loss Equation (USLE) on the primary soil.

##### LIST OF VALUES

VALUE N

DESCRIPTION Negligible (< 6 tonnes/hectare/year)

VALUE L

DESCRIPTION Low (6 - 11 tonnes/hectare/year)

VALUE M

DESCRIPTION Moderate (11 - 22 tonnes/hectare/year)

VALUE H

DESCRIPTION High (22 - 33 tonnes/hectare/year)

VALUE S

DESCRIPTION Severe (> 33 tonnes/hectare/year)

*Hide Field ERCLS1 ▲*

#### FIELD ERCLS2 ►

\* WIDTH 1

\* OUTPUT WIDTH 1

\* DATA TYPE Character

##### FIELD DESCRIPTION

Calculation of the estimated soil loss on bare unprotected soil using the Universal Soil Loss Equation (USLE) on the secondary soil.

##### LIST OF VALUES

VALUE N

DESCRIPTION Negligible (< 6 tonnes/hectare/year)

VALUE L  
DESCRIPTION Low (6 - 11 tonnes/hectare/year)

VALUE M  
DESCRIPTION Moderate (11 - 22 tonnes/hectare/year)

VALUE H  
DESCRIPTION High (22 - 33 tonnes/hectare/year)

VALUE S  
DESCRIPTION Severe (> 33 tonnes/hectare/year)

*Hide Field ERCLS2 ▲*

#### FIELD ERCLS3 ►

\* WIDTH 1  
\* OUTPUT WIDTH 1  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Calculation of the estimated soil loss on bare unprotected soil using the Universal Soil Loss Equation (USLE) on the tertiary soil.

##### LIST OF VALUES

VALUE N  
DESCRIPTION Negligible (< 6 tonnes/hectare/year)

VALUE L  
DESCRIPTION Low (6 - 11 tonnes/hectare/year)

VALUE M  
DESCRIPTION Moderate (11 - 22 tonnes/hectare/year)

VALUE H  
DESCRIPTION High (22 - 33 tonnes/hectare/year)

VALUE S  
DESCRIPTION Severe (> 33 tonnes/hectare/year)

*Hide Field ERCLS3 ▲*

#### FIELD ERPOLY ►

\* WIDTH 1  
\* OUTPUT WIDTH 1  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Summary calculation of ERCLS1, ERCLS2 and ERCLS3.

##### LIST OF VALUES

VALUE N  
DESCRIPTION Negligible (< 6 tonnes/hectare/year)

VALUE L  
DESCRIPTION Low (6 - 11 tonnes/hectare/year)

VALUE M  
DESCRIPTION Moderate (11 - 22 tonnes/hectare/year)

VALUE H  
DESCRIPTION High (22 - 33 tonnes/hectare/year)

VALUE S  
DESCRIPTION Severe (> 33 tonnes/hectare/year)

[Hide Field ERPOLY ▲](#)

#### FIELD ERSYMBOL ►

\* WIDTH 8  
\* OUTPUT WIDTH 8  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Weighted average calculation of ERCLS1, ERCLS2 and ERCLS3.

##### LIST OF VALUES

VALUE N  
DESCRIPTION Negligible (< 6 tonnes/hectare/year)

VALUE L  
DESCRIPTION Low (6 - 11 tonnes/hectare/year)

VALUE M  
DESCRIPTION Moderate (11 - 22 tonnes/hectare/year)

VALUE H  
DESCRIPTION High (22 - 33 tonnes/hectare/year)

VALUE S  
DESCRIPTION Severe (> 33 tonnes/hectare/year)

[Hide Field ERSYMBOL ▲](#)

#### FIELD AGRI\_CAP1 ►

\* WIDTH 4  
\* OUTPUT WIDTH 4  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Agricultural capability for dryland agriculture using the 7 class Canada Land Inventory (CLI) system for the primary soil. The seven capability classes which groups soils together have the same relative degree of limitation or hazard for agricultural use. The limitation becomes progressively greater from Class 1 to Class 7. Various kinds of limitations within soil capability classes are: D - Undesirable soil structure or permeability, E - Erosion, F - Low Fertility, I - Inundation, L - Coarse Wood Fragments, M - Moisture Limitation, N - Salinity, P - Stoniness, R - Consolidated Bedrock, T - Topography, W - Excess Water, X - Cumulative minor adverse characteristics.

##### DESCRIPTION SOURCE

Canada Land Inventory. 1965. Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2. ARDA, Dept. of Forestry, Ottawa, Canada.

##### CODED VALUES

NAME OF CODELIST Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2.  
SOURCE ARDA, Dept of Forestry, Ottawa, Canada

[Hide Field AGRI\\_CAP1 ▲](#)

## FIELD AGRI\_CAP2 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 4
- \* DATA TYPE Character

## FIELD DESCRIPTION

Agricultural capability for dryland agriculture using the 7 class Canada Land Inventory (CLI) system for the secondary soil. The seven capability classes which groups soils together have the same relative degree of limitation or hazard for agricultural use. The limitation becomes progressively greater from Class 1 to Class 7. Various kinds of limitations within soil capability classes are: D - Undesirable soil structure or permeability, E - Erosion, F - Low Fertility, I - Inundation, L - Coarse Wood Fragments, M - Moisture Limitation, N - Salinity, P - Stoniness, R - Consolidated Bedrock, T - Topography, W - Excess Water, X - Cumulative minor adverse characteristics.

## DESCRIPTION SOURCE

Canada Land Inventory. 1965. Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2. ARDA, Dept. of Forestry, Ottawa, Canada.

## CODED VALUES

NAME OF CODELIST Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2.  
SOURCE ARDA, Dept of Forestry, Ottawa, Canada

*Hide Field AGRI\_CAP2 ▲*

## FIELD AGRI\_CAP3 ►

- \* WIDTH 4
- \* OUTPUT WIDTH 4
- \* DATA TYPE Character

## FIELD DESCRIPTION

Agricultural capability for dryland agriculture using the 7 class Canada Land Inventory (CLI) system for the tertiary soil. The seven capability classes which groups soils together have the same relative degree of limitation or hazard for agricultural use. The limitation becomes progressively greater from Class 1 to Class 7. Various kinds of limitations within soil capability classes are: D - Undesirable soil structure or permeability, E - Erosion, F - Low Fertility, I - Inundation, L - Coarse Wood Fragments, M - Moisture Limitation, N - Salinity, P - Stoniness, R - Consolidated Bedrock, T - Topography, W - Excess Water, X - Cumulative minor adverse characteristics.

## DESCRIPTION SOURCE

Canada Land Inventory. 1965. Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2. ARDA, Dept. of Forestry, Ottawa, Canada.

## CODED VALUES

NAME OF CODELIST Soil Capability Classification for Agriculture. Canada Land Inventory Report No. 2.  
SOURCE ARDA, Dept of Forestry, Ottawa, Canada

*Hide Field AGRI\_CAP3 ▲*

## FIELD SOIL\_FACT1 ►

- \* WIDTH 3
- \* OUTPUT WIDTH 3
- \* DATA TYPE Character

## FIELD DESCRIPTION

Soil property classes for Irrigation Suitability Classification System for the primary soil and modifier combination contained in the soil map database. The degree of limitation is categorized in four classes: 1 - None, 2 - Slight, 3 - Moderate, 4 - Severe, '-' - No Rating, O - Organics. Limitations within the four class soil property classification are: d - Structure, g - Geological Unconformity, h - Hydraulic Conductivity, m- Available Water Holding Capacity, n - Sodidity, q - Intake Rate, r - Depth to Bedrock, s - Salinity, w - Drainage, x - Drainability.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field SOIL\_FACT1 ▲*

#### FIELD LANDSCAPE1 ►

\* **WIDTH** 4  
 \* **OUTPUT WIDTH** 4  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Landscape Feature Classes for the Irrigation Suitability Classification System for the primary soil and modifier combination contained in the soil map database. The degree of limitation is categorized into four classes: A - None, B- Slight, C - Moderate, D - Severe, '-' - No Rating. Limitations within the four class soil property classification are: e - Local relief, i - Inundation, p - Stoniness, t - Topography.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field LANDSCAPE1 ▲*

#### FIELD IRRIG\_CLA1 ►

\* **WIDTH** 7  
 \* **OUTPUT WIDTH** 7  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Irrigation Suitability Class representing the primary soil and modifier combination contained in the soil map database. Combination of soil\_fact1 and landscape1 codes for classification matrix.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

## CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field IRRIG\_CLA1 ▲*

## FIELD GEN\_RATIN1 ►

\* **WIDTH** 9  
 \* **OUTPUT WIDTH** 9  
 \* **DATA TYPE** Character

## FIELD DESCRIPTION

Irrigation Suitability Rating representing the primary soil and modifier combination contained in the soil map database. Most limiting combination of irrig\_cla1 in one of 16 classes.

## DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

## LIST OF VALUES

**VALUE** Excellent  
**DESCRIPTION** Excellent irrigation rating

**VALUE** Good  
**DESCRIPTION** Good irrigation rating

**VALUE** Fair  
**DESCRIPTION** Fair irrigation rating

**VALUE** Poor  
**DESCRIPTION** Poor irrigation rating

**VALUE** Organic  
**DESCRIPTION** Organic soil

**VALUE** -  
**DESCRIPTION** No rating

*Hide Field GEN\_RATIN1 ▲*

## FIELD POT\_IMPAC1 ►

\* **WIDTH** 8  
 \* **OUTPUT WIDTH** 8  
 \* **DATA TYPE** Character

## FIELD DESCRIPTION

Potential Environmental Impact representing the primary soil and modifier combination in the soil map database. The rating recognizes soil and/or landscape conditions which under irrigation could impact on the irrigated area.

## DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

## LIST OF VALUES



VALUE None  
DESCRIPTION No potential environmental impact

VALUE Low  
DESCRIPTION Low potential environmental impact

VALUE Moderate  
DESCRIPTION Moderate potential environmental impact

VALUE High  
DESCRIPTION High potential environmental impact

VALUE Organic  
DESCRIPTION Organic soil

VALUE -  
DESCRIPTION No rating

*Hide Field POT\_IMPAC1 ▲*

#### FIELD SOIL\_FACT2 ►

\* WIDTH 3  
\* OUTPUT WIDTH 3  
\* DATA TYPE Character

##### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

##### FIELD DESCRIPTION

Soil property classes for Irrigation Suitability Classification System for the secondary soil and modifier combination contained in the soil map database. The degree of limitation is categorized in four classes: 1 - None, 2 - Slight, 3 - Moderate, 4 - Severe, '-' - No Rating, O - Organics. Limitations within the four class soil property classification are: d - Structure, g - Geological Unconformity, h - Hydraulic Conductivity, m- Available Water Holding Capacity, n - Sodicity, q - Intake Rate, r - Depth to Bedrock, s - Salinity, w - Drainage, x - Drainability.

##### CODED VALUES

NAME OF CODELIST An Irrigation Suitability Classification System for the Canadian Prairies.  
SOURCE Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field SOIL\_FACT2 ▲*

#### FIELD LANDSCAPE2 ►

\* WIDTH 4  
\* OUTPUT WIDTH 4  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Landscape Feature Classes for the Irrigation Suitability Classification System for the secondary soil and modifier combination contained in the soil map database. The degree of limitation is categorized into four classes: A - None, B- Slight, C - Moderate, D - Severe, '-' - No Rating. Limitations within the four class soil property classification are: e - Local relief, i - Inundation, p - Stoniness, t - Topography.

##### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field LANDSCAPE2 ▲*

#### FIELD IRRIG\_CLA2 ►

\* **WIDTH** 7  
 \* **OUTPUT WIDTH** 7  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Irrigation Suitability Class representing the secondary soil and modifier combination contained in the soil map database. Combination of soil\_fact2 and landscape2 codes for classification matrix.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field IRRIG\_CLA2 ▲*

#### FIELD GEN\_RATIN2 ►

\* **WIDTH** 9  
 \* **OUTPUT WIDTH** 9  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Irrigation Suitability Rating representing the secondary soil and modifier combination contained in the soil map database. Most limiting combination of irrig\_cla2 in one of 16 classes.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### LIST OF VALUES

**VALUE** Excellent  
**DESCRIPTION** Excellent irrigation rating

**VALUE** Good  
**DESCRIPTION** Good irrigation rating

**VALUE** Fair  
**DESCRIPTION** Fair irrigation rating

**VALUE** Poor

DESCRIPTION Poor irrigation rating

VALUE Organic

DESCRIPTION Organic soil

VALUE -

DESCRIPTION No rating

*Hide Field GEN\_RATIN2 ▲*

#### FIELD POT\_IMPAC2 ►

\* WIDTH 8

\* OUTPUT WIDTH 8

\* DATA TYPE Character

##### FIELD DESCRIPTION

Potential Environmental Impact representing the secondary soil and modifier combination in the soil map database. The rating recognizes soil and/or landscape conditions which under irrigation could impact on the irrigated area.

##### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

##### LIST OF VALUES

VALUE None

DESCRIPTION No potential environmental impact

VALUE Low

DESCRIPTION Low potential environmental impact

VALUE Moderate

DESCRIPTION Moderate potential environmental impact

VALUE High

DESCRIPTION High potential environmental impact

VALUE Organic

DESCRIPTION Organic soil

VALUE -

DESCRIPTION No rating

*Hide Field POT\_IMPAC2 ▲*

#### FIELD SOIL\_FACT3 ►

\* WIDTH 3

\* OUTPUT WIDTH 3

\* DATA TYPE Character

##### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

##### FIELD DESCRIPTION

Soil property classes for Irrigation Suitability Classification System for the tertiary soil and modifier combination contained in the soil map database. The degree of limitation

is categorized in four classes: 1 - None, 2 - Slight, 3 - Moderate, 4 - Severe, '-' - No Rating, O - Organics. Limitations within the four class soil property classification are: d - Structure, g - Geological Unconformity, h - Hydraulic Conductivity, m- Available Water Holding Capacity, n - Sodidity, q - Intake Rate, r - Depth to Bedrock, s - Salinity, w - Drainage, x - Drainability.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field SOIL\_FACT3 ▲*

#### FIELD LANDSCAPE3 ►

\* **WIDTH** 4  
 \* **OUTPUT WIDTH** 4  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Landscape Feature Classes for the Irrigation Suitability Classification System for the tertiary soil and modifier combination contained in the soil map database. The degree of limitation is categorized into four classes: A - None, B- Slight, C - Moderate, D - Severe, '-' - No Rating. Limitations within the four class soil property classification are: e - Local relief, i - Inundation, p - Stoniness, t - Topography.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field LANDSCAPE3 ▲*

#### FIELD IRRIG\_CLA3 ►

\* **WIDTH** 7  
 \* **OUTPUT WIDTH** 7  
 \* **DATA TYPE** Character

#### FIELD DESCRIPTION

Irrigation Suitability Class representing the tertiary soil and modifier combination contained in the soil map database. Combination of soil\_fact3 and landscape3 codes for classification matrix.

#### DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

#### CODED VALUES

**NAME OF CODELIST** An Irrigation Suitability Classification System for the Canadian Prairies.  
**SOURCE** Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

*Hide Field IRRIG\_CLA3 ▲*

## FIELD GEN\_RATIN3 ►

- \* WIDTH 9
- \* OUTPUT WIDTH 9
- \* DATA TYPE Character

## FIELD DESCRIPTION

Irrigation Suitability Rating representing the tertiary soil and modifier combination contained in the soil map database. Most limiting combination of irrig\_cla3 in one of 16 classes.

## DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

## LIST OF VALUES

- |             |                             |
|-------------|-----------------------------|
| VALUE       | Excellent                   |
| DESCRIPTION | Excellent irrigation rating |
|             |                             |
| VALUE       | Good                        |
| DESCRIPTION | Good irrigation rating      |
|             |                             |
| VALUE       | Fair                        |
| DESCRIPTION | Fair irrigation rating      |
|             |                             |
| VALUE       | Poor                        |
| DESCRIPTION | Poor irrigation rating      |
|             |                             |
| VALUE       | Organic                     |
| DESCRIPTION | Organic soil                |
|             |                             |
| VALUE       | -                           |
| DESCRIPTION | No rating                   |

*Hide Field GEN\_RATIN3 ▲*

## FIELD POT\_IMPAC3 ►

- \* WIDTH 8
- \* OUTPUT WIDTH 8
- \* DATA TYPE Character

## FIELD DESCRIPTION

Potential Environmental Impact representing the tertiary soil and modifier combination in the soil map database. The rating recognizes soil and/or landscape conditions which under irrigation could impact on the irrigated area.

## DESCRIPTION SOURCE

Irrigation Suitability Classification Working Group. 1987. An Irrigation Suitability Classification System for the Canadian Prairies. LRRC Contribution No. 87-83, Land Resource Research Centre, Research Branch, Agriculture Canada, Ottawa, Canada.

## LIST OF VALUES

- |             |                                    |
|-------------|------------------------------------|
| VALUE       | None                               |
| DESCRIPTION | No potential environmental impact  |
|             |                                    |
| VALUE       | Low                                |
| DESCRIPTION | Low potential environmental impact |
|             |                                    |
| VALUE       | Moderate                           |

DESCRIPTION Moderate potential environmental impact

VALUE High

DESCRIPTION High potential environmental impact

VALUE Organic

DESCRIPTION Organic soil

VALUE -

DESCRIPTION No rating

*Hide Field POT\_IMPAC3 ▲*

#### FIELD DRAINAGE1 ►

\* WIDTH 2

\* OUTPUT WIDTH 2

\* DATA TYPE Character

##### FIELD DESCRIPTION

Rating of moisture content in excess of field capacity and length of the saturation period within the plant root zone of the primary soil.

##### LIST OF VALUES

VALUE R

DESCRIPTION Rapid drainage

VALUE W

DESCRIPTION Well drained

VALUE I

DESCRIPTION Imperfect drainage

VALUE P

DESCRIPTION Poor drainage

VALUE VP

DESCRIPTION Very poor drainage

VALUE -

DESCRIPTION No rating

*Hide Field DRAINAGE1 ▲*

#### FIELD DRAINAGE2 ►

\* WIDTH 2

\* OUTPUT WIDTH 2

\* DATA TYPE Character

##### FIELD DESCRIPTION

Rating of moisture content in excess of field capacity and length of the saturation period within the plant root zone of the secondary soil.

##### LIST OF VALUES

VALUE R

DESCRIPTION Rapid drainage

VALUE W

DESCRIPTION Well drained

VALUE I  
DESCRIPTION Imperfect drainage

VALUE P  
DESCRIPTION Poor drainage

VALUE VP  
DESCRIPTION Very poor drainage

VALUE -  
DESCRIPTION No rating

*Hide Field DRAINAGE2 ▲*

#### FIELD DRAINAGE3 ►

\* WIDTH 2  
\* OUTPUT WIDTH 2  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Rating of moisture content in excess of field capacity and length of the saturation period within the plant root zone of the tertiary soil.

##### LIST OF VALUES

VALUE R  
DESCRIPTION Rapid drainage

VALUE W  
DESCRIPTION Well drained

VALUE I  
DESCRIPTION Imperfect drainage

VALUE P  
DESCRIPTION Poor drainage

VALUE VP  
DESCRIPTION Very poor drainage

VALUE -  
DESCRIPTION No rating

*Hide Field DRAINAGE3 ▲*

#### FIELD SURFTEXT1 ►

\* WIDTH 4  
\* OUTPUT WIDTH 4  
\* DATA TYPE Character

##### FIELD DESCRIPTION

Standard soil texture abbreviations for the primary soil. For agricultural soils, this is the modal texture of the Ap horizon (top 15cm). For native mineral soils, a value for the top 15cm is assumed.

##### LIST OF VALUES

VALUE C  
DESCRIPTION Clay

VALUE C-CL

DESCRIPTION	Clay-Clay loam
VALUE	CL
DESCRIPTION	Clay loam
VALUE	CL-C
DESCRIPTION	Clay loam-Clay
VALUE	CL-L
DESCRIPTION	Clay loam-Loam
VALUE	CS
DESCRIPTION	Coarse sand
VALUE	F
DESCRIPTION	Fibric (Organic)
VALUE	FS
DESCRIPTION	Fine sand
VALUE	FSL
DESCRIPTION	Fine sandy loam
VALUE	GRLS
DESCRIPTION	Gravelly loamy sand
VALUE	GRSL
DESCRIPTION	Gravelly sandy loam
VALUE	H
DESCRIPTION	Humic (Organic)
VALUE	L
DESCRIPTION	Loam
VALUE	L-CL
DESCRIPTION	Loam-Clay loam
VALUE	LCS
DESCRIPTION	Loamy coarse sand
VALUE	LFS
DESCRIPTION	Loamy fine sand
VALUE	LS
DESCRIPTION	Loamy sand
VALUE	LVFS
DESCRIPTION	Loamy very fine sand
VALUE	M
DESCRIPTION	Mesic (Organic)
VALUE	O
DESCRIPTION	Undifferentiated organic (Organic)
VALUE	S
DESCRIPTION	Sand



VALUE SCL  
DESCRIPTION Sandy clay loam

VALUE SIC  
DESCRIPTION Silty clay

VALUE SICL  
DESCRIPTION Silty clay loam

VALUE SIL  
DESCRIPTION Silty loam

VALUE SL  
DESCRIPTION Sandy loam

VALUE SL-L  
DESCRIPTION Sandy loam-Loam

VALUE VFS  
DESCRIPTION Very fine sand

VALUE VFSL  
DESCRIPTION Very fine sandy loam

*Hide Field SURFTEXT1 ▲*

FIELD SURFTEXT2 ►

\* WIDTH 4

\* OUTPUT WIDTH 4

\* DATA TYPE Character

FIELD DESCRIPTION

Standard soil texture abbreviations for the secondary soil. For agricultural soils, this is the modal texture of the Ap horizon (top 15cm). For native mineral soils, a value for the top 15cm is assumed.

LIST OF VALUES

VALUE C  
DESCRIPTION Clay

VALUE C-CL  
DESCRIPTION Clay-Clay loam

VALUE CL  
DESCRIPTION Clay loam

VALUE CL-C  
DESCRIPTION Clay loam-Clay

VALUE CS  
DESCRIPTION Coarse sand

VALUE CSL  
DESCRIPTION Coarse sandy loam

VALUE F  
DESCRIPTION Fibric (Organic)

VALUE	FS
DESCRIPTION	Fine sand
VALUE	FSL
DESCRIPTION	Fine sandy loam
VALUE	GRLS
DESCRIPTION	Gravelly loamy sand
VALUE	GRSL
DESCRIPTION	Gravelly sandy loam
VALUE	L
DESCRIPTION	Loam
VALUE	L-CL
DESCRIPTION	Loam-Clay loam
VALUE	LCS
DESCRIPTION	Loamy coarse sand
VALUE	LFS
DESCRIPTION	Loamy fine sand
VALUE	LS
DESCRIPTION	Loamy sand
VALUE	LVFS
DESCRIPTION	Loamy very fine sand
VALUE	M
DESCRIPTION	Mesic (Organic)
VALUE	O
DESCRIPTION	Undifferentiated organic (Organic)
VALUE	S
DESCRIPTION	Sand
VALUE	SCL
DESCRIPTION	Sandy clay loam
VALUE	SIC
DESCRIPTION	Silty clay
VALUE	SICL
DESCRIPTION	Silty clay loam
VALUE	SIL
DESCRIPTION	Silty loam
VALUE	SL
DESCRIPTION	Sandy loam
VALUE	SL-L
DESCRIPTION	Sandy loam-Loam

VALUE VFS  
DESCRIPTION Very fine sand

VALUE VFSL  
DESCRIPTION Very fine sandy loam

*Hide Field SURFTEXT2 ▲*

FIELD SURFTEXT3 ►

\* WIDTH 4  
\* OUTPUT WIDTH 4  
\* DATA TYPE Character

FIELD DESCRIPTION

Standard soil texture abbreviations for the tertiary soil. For agricultural soils, this is the modal texture of the Ap horizon (top 15cm). For native mineral soils, a value for the top 15cm is assumed.

LIST OF VALUES

VALUE C  
DESCRIPTION Clay

VALUE CL  
DESCRIPTION Clay loam

VALUE CSL  
DESCRIPTION Coarse sandy loam

VALUE F  
DESCRIPTION Fibric (Organic)

VALUE FS  
DESCRIPTION Fine sand

VALUE FSL  
DESCRIPTION Fine sandy loam

VALUE GRLS  
DESCRIPTION Gravelly loamy sand

VALUE GRSL  
DESCRIPTION Gravelly sandy loam

VALUE L  
DESCRIPTION Loam

VALUE L-CL  
DESCRIPTION Loam-Clay loam

VALUE LFS  
DESCRIPTION Loamy fine sand

VALUE LS  
DESCRIPTION Loamy sand

VALUE LVFS  
DESCRIPTION Loamy very fine sand

VALUE M  
DESCRIPTION Mesic (Organic)

VALUE O  
DESCRIPTION Undifferentiated organic (Organic)

VALUE SCL  
DESCRIPTION Sandy clay loam

VALUE SIC  
DESCRIPTION Silty clay

VALUE SICL  
DESCRIPTION Silty clay loam

VALUE SIL  
DESCRIPTION Silty loam

VALUE SL  
DESCRIPTION Sandy loam

VALUE VFSL  
DESCRIPTION Very fine sandy loam

*Hide Field SURFTEXT3 ▲*

FIELD SURFTEXTM1 ►

\* WIDTH 2  
\* OUTPUT WIDTH 2  
\* DATA TYPE Character

FIELD DESCRIPTION

Soil surface texture modifier of the primary soil code.

LIST OF VALUES

VALUE GR  
DESCRIPTION Gravelly

VALUE MU  
DESCRIPTION Mucky

*Hide Field SURFTEXTM1 ▲*

FIELD SURFTEXTM2 ►

\* WIDTH 2  
\* OUTPUT WIDTH 2  
\* DATA TYPE Character

FIELD DESCRIPTION

Soil surface texture modifier of the secondary soil code.

LIST OF VALUES

VALUE MU  
DESCRIPTION Mucky

*Hide Field SURFTEXTM2 ▲*

FIELD SURFTEXTM3 ►

\* WIDTH 2  
 \* OUTPUT WIDTH 2  
 \* DATA TYPE Character

## FIELD DESCRIPTION

Soil surface texture modifier of the tertiary soil code.

## LIST OF VALUES

VALUE MU  
 DESCRIPTION Mucky

*Hide Field SURFTEXTM3 ▲*

## FIELD MANCON1 ►

\* WIDTH 14  
 \* OUTPUT WIDTH 14  
 \* DATA TYPE Character

## FIELD DESCRIPTION

Primary soil and primary landscape features.

## LIST OF VALUES

VALUE \_\_\_B  
 DESCRIPTION Bedrock

VALUE \_\_T  
 DESCRIPTION Topography (slopes > 5%)

VALUE \_\_TB  
 DESCRIPTION Topography and bedrock

VALUE \_W\_B  
 DESCRIPTION Wetness and bedrock

VALUE \_W  
 DESCRIPTION Wetness (poor and very poor drainage)

VALUE \_WT  
 DESCRIPTION Wetness and topography

VALUE C\_T  
 DESCRIPTION Coarse texture and topography

VALUE C  
 DESCRIPTION Coarse texture (loamy sands, sands and gravels)

VALUE CW  
 DESCRIPTION Coarse texture and wetness

VALUE CWT  
 DESCRIPTION Coarse texture, wetness and topography

VALUE F\_T  
 DESCRIPTION Fine texture and topography

VALUE F  
 DESCRIPTION Fine texture (clays and silty clays)

VALUE FW

DESCRIPTION Fine texture and wetness

VALUE FWT

DESCRIPTION Fine texture, wetness and topography

VALUE No Constraints

DESCRIPTION No soil or landscape limitations

VALUE Eroded Slopes

VALUE Marsh

VALUE Water

VALUE Organic

DESCRIPTION Organic soil

VALUE Rock

VALUE Unclassified

*Hide Field MANCON1 ▲*

FIELD MANCON2 ►

\* WIDTH 14

\* OUTPUT WIDTH 14

\* DATA TYPE Character

FIELD DESCRIPTION

Secondary soil and secondary landscape features.

LIST OF VALUES

VALUE \_\_\_B

DESCRIPTION Bedrock

VALUE \_\_\_T

DESCRIPTION Topography (slopes > 5%)

VALUE \_\_\_TB

DESCRIPTION Topography and bedrock

VALUE \_\_W\_B

DESCRIPTION Wetness and bedrock

VALUE \_\_W

DESCRIPTION Wetness (poor and very poor drainage)

VALUE \_\_WT

DESCRIPTION Wetness and topography

VALUE C\_T

DESCRIPTION Coarse texture and topography

VALUE C

DESCRIPTION Coarse texture (loamy sands, sands and gravels)

VALUE CW

DESCRIPTION Coarse texture and wetness

VALUE F\_T  
DESCRIPTION Fine texture and wetness

VALUE F  
DESCRIPTION Fine texture (clays and silty clays)

VALUE FW  
DESCRIPTION Fine texture and wetness

VALUE No Constraints  
DESCRIPTION No soil or landscape limitations

VALUE Eroded slopes

VALUE Marsh

VALUE Water

VALUE Organic  
DESCRIPTION Organic soil

VALUE Rock

*Hide Field MANCON2 ▲*

FIELD MANCON3 ►

\* WIDTH 14

\* OUTPUT WIDTH 14

\* DATA TYPE Character

FIELD DESCRIPTION

Tertiary soil and tertiary landscape features.

LIST OF VALUES

VALUE \_\_\_B  
DESCRIPTION Bedrock

VALUE \_\_T  
DESCRIPTION Topography

VALUE \_\_TB  
DESCRIPTION Topography and bedrock

VALUE \_W\_B  
DESCRIPTION Wetness and bedrock

VALUE \_W  
DESCRIPTION Wetness (poor and very poor drainage)

VALUE \_WT  
DESCRIPTION Wetness and topography

VALUE C\_T  
DESCRIPTION Coarse texture and topography

VALUE C  
DESCRIPTION Coarse texture (loamy sands, sands and gravels)

VALUE CW  
DESCRIPTION Coarse texture and wetness

VALUE No Constraints  
DESCRIPTION No soil or landscape limitations

VALUE Marsh

VALUE Water

VALUE Organic  
DESCRIPTION Organic soil

VALUE Rock

[Hide Field MANCON3 ▲](#)

[Hide Details for object sm04\\_mb.pat ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

\* METADATA LANGUAGE English (CANADA)  
\* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA \* dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2013-01-10

### ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0  
METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2012-12-20 12:37:18  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2013-01-10 16:16:03

### AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes  
LAST UPDATE 2013-01-10 16:16:03

[Hide Metadata Details ▲](#)

## Thumbnail and Enclosures ►

THUMBNAIL  
THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ▼