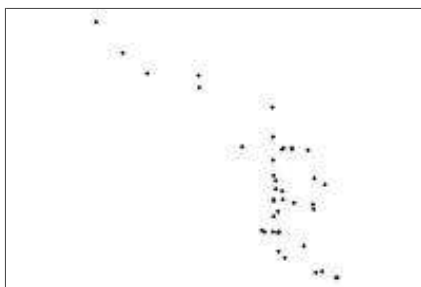


## Station\_Soil\_USDA

### File Geodatabase Feature Class



#### Tags

SMAPVEX12, field campaign

#### Summary

This shapefile was generated for use in field campaign planning, mapping and analysis associated with the SMAPVEX12 (Soil Moisture Active-Passive Validation Experiment 2012) project.

#### Description

This shapefile contains the point locations of sampling sites situated within the fields surveyed during the SMAPVEX12 field campaign between June 7 and July 19, 2012.

#### Credits

Grant Wiseman Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada  
Telephone - Téléphone: 204-984-4080 Cellular - Cellulaire: 204-293-6074 Facsimile - Télécopieur: 204-983-2178 200-303 Main Street, Winnipeg, MB R3C 3G7 grant.wiseman@agr.gc.ca

#### Use limitations

All SMAPVEX12 data (except those already on public domain servers) will be placed on the University of Sherbrooke site. Access will be limited by password that will be provided to principle investigators and co-investigators listed below. It will be up to the principle investigators and co-investigators to ensure that staff, graduate students and post docs respect the terms of the agreement on usage and distribution. Access to the website will be restricted until July 1, 2013 for preliminary research and quality control. After July 1, 2013 all data will be transferred to a SMAP DAAC. Principle Investigators Heather McNairn, Agriculture and Agri-Food Canada Tom Jackson, USDA, ARS Hydrology and Remote Sensing Laboratory Co-Investigators Aaron Berg, University of Guelph Amine Merzouki, Agriculture and Agri-Food Canada Andreas Colliander, JPL Anne Walker, Environment Canada Brenda Toth, Environment Canada/MS/CHAL Catherine Champagne, Agriculture and Agri-Food Canada Craig Smith, Environment Canada Dara Entekhabi, MIT Eni Njoku, JPL Grant Wiseman, Agriculture and Agri-Food Canada Jarrett Powers, Agriculture and Agri-Food Canada Jiali Shang, Agriculture and Agri-Food Canada John Fitzmaurice, Agriculture and Agri-Food Canada Mahta Moghaddam, University Southern California Mike Cosh, USDA, ARS Hydrology and Remote Sensing Laboratory Narendra Das, JPL Paul Bullock, University of Manitoba Peggy O'Neill, NASA GSFC Ramata Magagi, University of Sherbrooke Rotimi Ojo, University of Manitoba Sab Kim, JPL Stéphane Bélair, Environment Canada - NWP and Data Assimilation Alicia Joseph, NASA GSFC Erika Podest, JPL John Kimball, University of Montana Kalifa Goïta, University of Sherbrooke Marco Carrera, Environment Canada, Meteorological Research Division Steven Chan, JPL Vanessa Escobar, NASA GSFC

#### ArcGIS Metadata ►

#### Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE environment, geoscientificInformation

\* CONTENT TYPE    Downloadable Data

[Hide Topics and Keywords ▲](#)

## Citation ►

\* TITLE    Station\_Soil\_USDA

### PRESENTATION FORMATS

FGDC GEOSPATIAL PRESENTATION FORMAT    vector digital data

### RESOURCE IDENTIFIER

VALUE    Field\_Sites

[Hide Citation ▲](#)

## Resource Details ►

DATASET LANGUAGES    \* English (CANADA)

DATASET CHARACTER SET    utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE    \* vector

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

### CREDITS

Grant Wiseman  
Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada  
Telephone - Téléphone: 204-984-4080  
Cellular - Cellulaire: 204-293-6074  
Facsimile - Télécopieur: 204-983-2178  
200-303 Main Street, Winnipeg, MB R3C 3G7  
grant.wiseman@agr.gc.ca

### ARCGIS ITEM PROPERTIES

\* NAME    Station\_Soil\_USDA

\* LOCATION    file:///\\mbwinfs106\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    -98.375498

\* EAST LONGITUDE    -97.833632

\* NORTH LATITUDE    49.864894

\* SOUTH LATITUDE    49.494270

\* EXTENT CONTAINS THE RESOURCE    Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE    545220.000000

\* EAST LONGITUDE 583830.445700  
 \* SOUTH LATITUDE 5483047.765100  
 \* NORTH LATITUDE 5523799.000000  
 \* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

### POINT OF CONTACT

INDIVIDUAL'S NAME Grant Wiseman  
 ORGANIZATION'S NAME Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada  
 CONTACT'S POSITION Senior Geomatics Scientist - Scientifique principal en géomatique  
 CONTACT'S ROLE point of contact

### CONTACT INFORMATION ►

#### PHONE

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 FAX 204-983-2178

#### ADDRESS

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 CITY Winnipeg  
 ADMINISTRATIVE AREA Manitoba  
 POSTAL CODE R3C 3G7  
 COUNTRY Canada  
 E-MAIL ADDRESS [grant.wiseman@agr.gc.ca](mailto:grant.wiseman@agr.gc.ca)

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

### RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

### CONSTRAINTS

#### LIMITATIONS OF USE

All SMAPVEX12 data (except those already on public domain servers) will be placed on the University of Sherbrooke site. Access will be limited by password that will be provided to principle investigators and co-investigators listed below. It will be up to the principle investigators and co-investigators to ensure that staff, graduate students and post docs respect the terms of the agreement on usage and distribution. Access to the website will be restricted until July 1, 2013 for preliminary research and quality control. After July 1, 2013 all data will be transferred to a SMAP DAAC.

#### Principle Investigators

Heather McNairn, Agriculture and Agri-Food Canada  
 Tom Jackson, USDA, ARS Hydrology and Remote Sensing Laboratory

Co-Investigators  
 Aaron Berg, University of Guelph  
 Amine Merzouki, Agriculture and Agri-Food Canada  
 Andreas Colliander, JPL  
 Anne Walker, Environment Canada  
 Brenda Toth, Environment Canada/MS/CHAL  
 Catherine Champagne, Agriculture and Agri-Food Canada  
 Craig Smith, Environment Canada  
 Dara Entekhabi, MIT  
 Eni Njoku, JPL  
 Grant Wiseman, Agriculture and Agri-Food Canada  
 Jarrett Powers, Agriculture and Agri-Food Canada  
 Jiali Shang, Agriculture and Agri-Food Canada  
 John Fitzmaurice, Agriculture and Agri-Food Canada  
 Mahta Moghaddam, University Southern California  
 Mike Cosh, USDA, ARS Hydrology and Remote Sensing Laboratory  
 Narendra Das, JPL  
 Paul Bullock, University of Manitoba  
 Peggy O'Neill, NASA GSFC  
 Ramata Magagi, University of Sherbrooke  
 Rotimi Ojo, University of Manitoba  
 Sab Kim, JPL  
 Stéphane Bélair, Environment Canada - NWP and Data Assimilation  
 Alicia Joseph, NASA GSFC  
 Erika Podest, JPL  
 John Kimball, University of Montana  
 Kalifa Goita, University of Sherbrooke  
 Marco Carrera, Environment Canada, Meteorological Research Division  
 Steven Chan, JPL  
 Vanessa Escobar, NASA GSFC

[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
["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
```

```
["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

\* VALUE 26914  
 \* CODESPACE EPSG  
 \* VERSION 7.4.1

REFERENCE THAT DEFINES THE VALUE ►  
 RESOURCE IDENTIFIER  
 VALUE UTM NAD83 Zone 14N

*Hide Reference that defines the value ▲*

*Hide Spatial Reference ▲*

## Spatial Data Properties ►

#### VECTOR ►

\* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME Station\_Soil\_USDA  
 \* OBJECT TYPE point  
 \* OBJECT COUNT 40

*Hide Vector ▲*

#### ARCGIS FEATURE CLASS PROPERTIES ►

\* FEATURE TYPE Simple  
 \* GEOMETRY TYPE Point  
 \* HAS TOPOLOGY FALSE  
 \* FEATURE COUNT 40  
 \* SPATIAL INDEX TRUE  
 \* LINEAR REFERENCING FALSE

*Hide ArcGIS Feature Class Properties ▲*

*Hide Spatial Data Properties ▲*

## Data Quality ►

SCOPE OF QUALITY INFORMATION ►  
 RESOURCE LEVEL feature

*Hide Scope of quality information ▲*

*Hide Data Quality ▲*

## Geoprocessing history ►

PROCESS

## PROCESS NAME

DATE 2012-07-26 10:46:41

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CopyFeatures

## COMMAND ISSUED

CopyFeatures W:\data8\projects\land\soil\SMAPVEX12  
\data\SMAPVEX\_Final\SMAPVEX\_Points.shp W:\data8\projects\land\soil\SMAPVEX12  
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX\_Points # 0 0 0

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 11:58:20

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 11:58:51

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:01:06

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:01:45

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:05:20

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:05:50

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data

## Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:06:16

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:07:18

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:08:13

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:08:36

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-12 12:09:25

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Beans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-13 07:50:24

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data  
 Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Crop\_Type "Soybeans" VB #  
 INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-14 07:52:53

TOOL LOCATION C:\Program Files (x86)\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField SMAPVEX\_Points Site\_ID [Point\_ID] VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-09-14 08:42:38

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

## COMMAND ISSUED

```

FeatureClassToFeatureClass W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points W:\data8
\projects\land\soil\SMAPVEX12\data\Kurt\SMAP_tables.gdb\SMAPdatasets
SMAPVEX_SITE_PTS # "FID_1 "FID_1" true true false 4 Long 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,FID_1,-1,-1;x "x" true true false
8 Double 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,x,-1,-1;y "y" true true false 8
Double 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,y,-1,-1;Point_ID "Point_ID" true
true false 10 Text 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,Point_ID,-1,-1;QTRDESC "QTRDESC"
true true false 20 Text 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,QTRDESC,-1,-1;SURFTEXT1
"SURFTEXT1" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,SURFTEXT1,-1,-1;SURFTEXT2
"SURFTEXT2" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,SURFTEXT2,-1,-1;SURFTEXT3
"SURFTEXT3" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,SURFTEXT3,-1,-1;Crop_Type
"Crop_Type" true true false 20 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,Crop_Type,-1,-1;SM "SM" true true
false 8 Double 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,SM,-1,-1;SM_1 "SM_1" true true
false 8 Double 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,SM_1,-1,-1;diff "diff" true true
false 8 Double 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,diff,-1,-1;Notes "Notes" true true
false 50 Text 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,Notes,-1,-1;Site_ID "Site_ID" true
true false 255 Text 0 0 ,First,#,W:\data8\projects\land\soil\SMAPVEX12
\data\SMAPmaster.mdb\SMAPdata\SMAPVEX_Points,Site_ID,-1,-1" #

```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

## PROCESS NAME

DATE 2012-10-29 14:37:17

TOOL LOCATION c:\program files (x86)\arcgis\desktop10.0\ArcToolbox\Toolboxes&gt;Data Management Tools.tbx\CalculateField

## COMMAND ISSUED

CalculateField Field\_Sites Crop\_Type "Soybeans" VB #



INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

## PROCESS

### PROCESS NAME

DATE 2012-11-20 09:37:27

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

### COMMAND ISSUED

```
FeatureClassToFeatureClass W:\data8\projects\land\soil\SMAPVEX12
\data\USDA\USDA_STATIONS_20121120a.shp W:\data8\projects\land\soil\SMAPVEX12
\data\Kurt\SMAPVEX_MASTER.gdb\SMAPdatasets Station_Soil_USDA # "OBJECTID
"OBJECTID" true true false 9 Long 0 9 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,OBJECTID,-
1,-1;FID_1 "FID_1" true true false 9 Long 0 9 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,FID_1,-1,-
1;x "x" true true false 19 Double 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,x,-1,-1;y
"y" true true false 19 Double 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,y,-1,-
1;Point_ID "Point_ID" true true false 10 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,Point_ID,-
1,-1;QTRDESC "QTRDESC" true true false 20 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,QTRDESC,-
1,-1;SURFTEXT1 "SURFTEXT1" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,SURFTEXT1,-
1,-1;SURFTEXT2 "SURFTEXT2" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,SURFTEXT2,-
1,-1;SURFTEXT3 "SURFTEXT3" true true false 4 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,SURFTEXT3,-
1,-1;Crop_Type "Crop_Type" true true false 20 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,Crop_Type,-
1,-1;Notes "Notes" true true false 50 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,Notes,-1,-
1;Site_ID "Site_ID" true true false 254 Text 0 0 ,First,#,W:\data8
\projects\land\soil\SMAPVEX12\data\USDA\USDA_STATIONS_20121120a.shp,Site_ID,-
1,-1" #
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

## Distribution ►

### DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

VERSION ArcGIS 10

[Hide Distribution ▲](#)

## Fields ►

### DETAILS FOR OBJECT Station\_Soil\_USDA ►

\* TYPE Feature Class

\* ROW COUNT 40

### DEFINITION SOURCE

AAFC

### DEFINITION

Point locations of sampling sites situated within the fields surveyed during the SMAPVEX12 field campaign.

## FIELD OBJECTID\_1 ►

\* ALIAS OBJECTID\_1

\* 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 OBJECTID\_1 ▲*

## 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 X ►

\* ALIAS x

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

X-coordinate location in metres, projected in UTM North American Datum 1983 Zone 14N

DESCRIPTION SOURCE

AAFC

*Hide Field x ▲*

## FIELD y ►

\* ALIAS y

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Y-coordinate location in metres, projected in UTM North American Datum 1983 Zone 14N

DESCRIPTION SOURCE  
AAFC

[Hide Field y ▲](#)

#### FIELD QTRDESC ►

\* ALIAS QTRDESC  
\* DATA TYPE String  
\* WIDTH 20  
\* PRECISION 0  
\* SCALE 0

#### FIELD DESCRIPTION

Legal land description (Section-Township-Range).

DESCRIPTION SOURCE  
AAFC

[Hide Field QTRDESC ▲](#)

#### FIELD Site\_ID ►

\* ALIAS Site\_ID  
\* DATA TYPE String  
\* WIDTH 254  
\* PRECISION 0  
\* SCALE 0

#### FIELD DESCRIPTION

Duplicate sample site identification number.

DESCRIPTION SOURCE  
AAFC

[Hide Field Site\\_ID ▲](#)

[Hide Details for object Station\\_Soil\\_USDA ▲](#)

[Hide Fields ▲](#)

## Metadata Details ►

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

METADATA IDENTIFIER 76A3A373-8E59-44C6-BDA9-09444C7F12A5

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

STANDARD OR PROFILE USED TO EDIT METADATA [NAP](#)

CREATED IN ARCGIS FOR THE ITEM [2012-12-20 12:37:16](#)

LAST MODIFIED IN ARCGIS FOR THE ITEM [2013-01-10 16:18:44](#)

AUTOMATIC UPDATES

HAVE BEEN PERFORMED [Yes](#)

LAST UPDATE [2013-01-10 16:18:44](#)

[Hide Metadata Details ▲](#)

## Metadata Contacts ►

### METADATA CONTACT

INDIVIDUAL'S NAME [Grant Wiseman](#)

ORGANIZATION'S NAME [Agriculture and Agri-Food Canada – Agriculture et Agroalimentaire Canada](#)

CONTACT'S POSITION [Senior Geomatics Scientist - Scientifique principal en géomatique](#)

CONTACT'S ROLE [point of contact](#)

### CONTACT INFORMATION ►

#### PHONE

VOICE [204-984-4080](#)

FAX [204-983-2178](#)

#### ADDRESS

TYPE [both](#)

DELIVERY POINT [200-303 Main Street](#)

CITY [Winnipeg](#)

ADMINISTRATIVE AREA [Manitoba](#)

POSTAL CODE [R3C 3G7](#)

COUNTRY [Canada](#)

E-MAIL ADDRESS [grant.wiseman@agr.gc.ca](#)

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY [as needed](#)

[Hide Metadata Maintenance ▲](#)

## Thumbnail and Enclosures ►

### THUMBNAIL

THUMBNAIL TYPE [JPG](#)

[Hide Thumbnail and Enclosures ▲](#)

## FGDC Metadata (read-only) ►

## Entities and Attributes ►

## DETAILED DESCRIPTION

## ENTITY TYPE

ENTITY TYPE LABEL Station\_Soil\_USDA

ENTITY TYPE DEFINITION

Point locations of sampling sites situated within the fields surveyed during the SMAPVEX12 field campaign.

ENTITY TYPE DEFINITION SOURCE AAFC

## ATTRIBUTE

ATTRIBUTE LABEL OBJECTID\_1

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Sequential unique whole numbers that are automatically generated.

## ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

Feature geometry.

ATTRIBUTE DEFINITION SOURCE ESRI

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

## ATTRIBUTE

ATTRIBUTE LABEL X

ATTRIBUTE DEFINITION

X-coordinate location in metres, projected in UTM North American Datum 1983 Zone 14N

ATTRIBUTE DEFINITION SOURCE AAFC

## ATTRIBUTE

ATTRIBUTE LABEL y

ATTRIBUTE DEFINITION

Y-coordinate location in metres, projected in UTM North American Datum 1983 Zone 14N

ATTRIBUTE DEFINITION SOURCE AAFC

## ATTRIBUTE

ATTRIBUTE LABEL QTRDESC

ATTRIBUTE DEFINITION

Legal land description (Section-Township-Range).

ATTRIBUTE DEFINITION SOURCE AAFC

## ATTRIBUTE

ATTRIBUTE LABEL Site\_ID

ATTRIBUTE DEFINITION

Duplicate sample site identification number.

ATTRIBUTE DEFINITION SOURCE AAFC

*Hide Entities and Attributes ▲*