

Data Set Name SGPG
Date 4-15-99
Metadata Entered By J. Meints

Section 1. Identification Information

CITATION Minnesota Geological Survey
Originator SGPG
Title
Unique Identifier Surficial Geology of the Mound 7.5 minute Quadrangle
Abstract
Purpose 7.5 minute Quadrangle based mapping supported by USGS STATEMAP project
Time Period of Content June 1999
Currentness Reference July 1998 - June 1999, field work conducted summer-fall 1998, digital compilation winter-spring 1999.
Progress complete

SPATIAL DOMAIN

Maintenance and Update Frequency none planned
Spatial Extent of Data Mound 7.5 minute Quadrangle
West Bounding Coordinate -93.750000
East Bounding Coordinate -93.625229
North Bounding Coordinate 45.000000
South Bounding Coordinate 44.874992

KEYWORDS

Place Keywords Mound Quadrangle, Hennepin County, South central Minnesota
Theme Keywords Surficial Geology, geomorphology
Theme Keyword Thesaurus Surficial Geology

CONSTRAINTS

Access Constraints none
Use Constraints Credit Given to Minnesota Geological Survey

Data Set Name SGPG
Date 4-15-99
Metadata Entered By J. Meints

OTHER

Contact Person Joyce Meints
Contact Organization Minnesota Geological Survey
Contact Person Position GIS Staff
Contact Street Address 2642 University Avenue
Contact City St. Paul
Contact State or Province MN
Contact Postal Code 55114
Contact Voice Phone 612-627-4780, ext.214
Contact Fax Phone 612-627-4778
Contact E-mail Address meint002@maroon.tc.umn.edu
Browse Graphic <http://www.geo.umn.edu/mgs>
Associated Data Sets all associated covers in Misc. Map Series M-94, M-93, M-87, M-88, M-89

Section 2. Data Quality Information

Attribute Accuracy Attributes checked for visual completeness and correct coding by GIS tech., geologist and editorial staff. No obvious polygon cover, no topological problems

Logical Consistency

Completeness complete to currently available data

Horizontal Positional Accuracy approx. 25 meters or better (83 feet or better)

Vertical Positional Accuracy

Lineage Linework was drawn on stable base and scanned. UTM's for 4 quadrangle corners were used to register the image. The registered grid was vectorized via ArcInfo (7.04) VTrace methodology on a UNIX workstation, built with polyop to our internal attribute standard.

Source Scale Denominator 24000

Section 3. Spatial Data Organization Information

Native Data Set Environment ARC/INFO 7.04
Geographic Reference for Tabular Data UTM Coordinates

| | |
|----------------------------|-----------|
| <i>Data Set Name</i> | SGPG |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. Meints |

| | |
|-------------------------------------|-----------------------------|
| <i>Spatial Object Type</i> | vector |
| <i>Vendor Specific Object Types</i> | polygon |
| <i>Tiling Scheme</i> | USGS 7.5 minute quad sheets |

Section 4. Spatial Reference Information

| | |
|-------------------------------------|------------|
| <i>Horizontal Coordinate Scheme</i> | UTM |
| <i>Ellipsoid</i> | CLARK 1866 |
| <i>Horizontal Datum</i> | NAD27 |
| <i>Horizontal Units</i> | meters |
| <i>Distance Resolution</i> | 5 meters |
| <i>Altitude Datum</i> | msl |
| <i>Altitude Units</i> | |
| <i>Depth Datum</i> | msl |
| <i>Depth Units</i> | |
| <i>Cell Width</i> | |
| <i>Cell Height</i> | |

IF GEOGRAPHIC

| | |
|-----------------------------|--|
| <i>Latitude Resolution</i> | |
| <i>Longitude Resolution</i> | |

IF UTM

| | |
|--|---------------|
| <i>UTM Zone Number</i> | 15 (expanded) |
| <i>UTM Coordinate Offsets or Adjustments</i> | |

IF STATE PLANE

| | |
|---|--|
| <i>SPCS Zone Identifier</i> | |
| <i>SPCS Coordinate Offsets or Adjustments</i> | |

IF COUNTY COORDINATES

Data Set Name SGPG
Date 4-15-99
Metadata Entered By J. Meints

County Zone ID
Co Coord offset

IF USER SPECIFIED PROJECTION

Map Projection Name
Map Projection Parameters

IF OTHER

Other Coordinate System's Definition

Section 5. Entity and Attribute Information

Entity and Attribute Overview Surficial geology given as polygons.

Entity and Attribute Detailed Citation Each polygon has attributes containing an internal unique code, a unit_label code and a brief character field desc more deatiled description of surficial units is given in the MGS Misc. Map Series M-94.

Section 6. Distribution Information

Publisher Minnesota Geological Survey
Publication Date July 1, 1999
Online Linkage ftp://156.98.153.1/pub2/m-94
Distributor Contact Person Lori day
Distributor Organization Minnesota Geological Survey – Map Sales
Distributor Position Map Sales Manager
Distributor Street address 2642 University Avenue
Distributor City St. Paul
Distributor State or Province MN
Distributor Postal Code 55114
Distributor Voice Phone 612-627-4780 ex. 238
Distributor Fax Phone 612-627-4778
Distributor E-mail Address dayxx006@maroon.tc.umn.edu

| | |
|---|---|
| <i>Data Set Name</i> | SGPG |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. Meints |
| <hr/> | |
| <i>Distributors Data Set Identifier</i> | Misc. Map Series M-94 |
| <i>Distribution Liability</i> | |
| <i>Transfer Format Name</i> | ARC export format (.e00), either as DOS .exe zipped or UNIX .tar compressed |
| <i>Transfer Format Version Number</i> | ARC/INFO 7.04 |
| <i>Transfer Size</i> | approx. 1.5 MB |
| <i>Ordering Instructions</i> | Contact MGS Map Sales |

Section 7. Metadata Reference Information

| | |
|---|---|
| <i>Metadata Date</i> | 4-15-99 |
| <i>Metadata Contact Person</i> | Joyce Meints |
| <i>Metadata Contact Organization</i> | Minnesota Geological Survey |
| <i>Metadata Contact Position</i> | GIS Staff |
| <i>Metadata Contact Street Address</i> | 2642 University Avenue |
| <i>Metadata Contact City</i> | St. Paul |
| <i>Metadata Contact State or Province</i> | MN |
| <i>Metadata Contact Postal Code</i> | 55114 |
| <i>Metadata Contact Voice Phone</i> | 612-627-4780 |
| <i>Metadata Contact Fax Phone</i> | 612-627-4778 |
| <i>Metadata Contact E-mail Address</i> | meint002@maroon.tc.umn.edu |
| <i>Metadata Standard Name</i> | Minnesota Geographic Metadata Guidelines |
| <i>Metadata Standard Version</i> | v. 1.1 |
| <i>Metadata Standard Online Linkage</i> | http://www.lmic.state.mn.us/gc/stds/metadata.htm |

Data Set Name LSLNPT
Date 4-15-99
Metadata Entered By J. MEINTS

Section 1. Identification Information

CITATION Minnesota Geological Survey
Originator SGLNPT
Title
Unique Identifier Geomorphology/sample points of the Mound 7.5 minute Quadrangle
Abstract
Purpose 7.5 minute Quadrangle based mapping supported by USGS STATEMAP project
Time Period of Content June 1999
Currentness Reference July 1998 - June 1999, field work conducted summer-fall 1998, digital compilation winter-spring 1999.
Progress complete

SPATIAL DOMAIN

Maintenance and Update Frequency none planned
Spatial Extent of Data Mound 7.5 minute Quadrangle
West Bounding Coordinate -93.750000
East Bounding Coordinate -93.625229
North Bounding Coordinate 45.000000
South Bounding Coordinate 44.874992

KEYWORDS

Place Keywords Mound Quadrangle, Hennepin County, South central Minnesota
Theme Keywords Surficial Geology, geomorphology
Theme Keyword Thesaurus Surficial Geology, geomorphology

CONSTRAINTS

Access Constraints
Use Constraints Credit Given to Minnesota Geological Survey

Data Set Name LSLNPT
Date 4-15-99
Metadata Entered By J. MEINTS

OTHER

Contact Person Joyce Meints
Contact Organization Minnesota Geological Survey
Contact Person Position GIS Staff
Contact Street Address 2642 University Avenue
Contact City St. Paul
Contact State or Province MN
Contact Postal Code 55114
Contact Voice Phone 612-627-4780, ext.214
Contact Fax Phone 612-627-4778
Contact E-mail Address meint002@maroon.tc.umn.edu
Browse Graphic <http://geolab.geo.umn.edu/mgs>
Associated Data Sets all associated covers in Misc. Map Series M-94, M-93, M-87, M-88, M-89

Section 2. Data Quality Information

Attribute Accuracy Attributes checked for visual completeness and correct coding by GIS tech., geologist and editorial staff. No obvious line data, dangle errors intentional

Logical Consistency

Completeness complete to currently available data

Horizontal Positional Accuracy approx. 25 meters or better (83 feet or better)

Vertical Positional Accuracy

Lineage Linework was drawn on stable base and scanned. UTM's for 4 quadrangle corners were used to register the image. The registered grid was vectorized via ArcInfo (7.04) VTrace methodology on a UNIX workstation, built with line option to our internal attribute standard.

Source Scale Denominator 24000

Section 3. Spatial Data Organization Information

Native Data Set Environment ARC/INFO 7.04
Geographic Reference for Tabular Data UTM Coordinates

| | |
|----------------------------|-----------|
| <i>Data Set Name</i> | LSLNPT |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. MEINTS |

| | |
|-------------------------------------|-----------------------------|
| <i>Spatial Object Type</i> | vector |
| <i>Vendor Specific Object Types</i> | arc |
| <i>Tiling Scheme</i> | USGS 7.5 minute quad sheets |

Section 4. Spatial Reference Information

| | |
|-------------------------------------|------------|
| <i>Horizontal Coordinate Scheme</i> | UTM |
| <i>Ellipsoid</i> | CLARK 1866 |
| <i>Horizontal Datum</i> | NAD27 |
| <i>Horizontal Units</i> | meters |
| <i>Distance Resolution</i> | 5 meters |
| <i>Altitude Datum</i> | |
| <i>Altitude Units</i> | |
| <i>Depth Datum</i> | msl |
| <i>Depth Units</i> | |
| <i>Cell Width</i> | |
| <i>Cell Height</i> | |

IF GEOGRAPHIC

| | |
|-----------------------------|--|
| <i>Latitude Resolution</i> | |
| <i>Longitude Resolution</i> | |

IF UTM

| | |
|--|---------------|
| <i>UTM Zone Number</i> | 15 (expanded) |
| <i>UTM Coordinate Offsets or Adjustments</i> | |

IF STATE PLANE

| | |
|---|--|
| <i>SPCS Zone Identifier</i> | |
| <i>SPCS Coordinate Offsets or Adjustments</i> | |

IF COUNTY COORDINATES

Data Set Name LSLNPT
Date 4-15-99
Metadata Entered By J. MEINTS

County Zone ID
Co Coord offset

IF USER SPECIFIED PROJECTION

Map Projection Name
Map Projection Parameters

IF OTHER

Other Coordinate System's Definition

Section 5. Entity and Attribute Information

Entity and Attribute Overview Geomorphology given as line symbols, sample locations given as point data.

Entity and Attribute Detailed Citation Each line or point has attributes containing an internal unique code, a unit_label code and/or a brief character field. A more detailed description of line and point symbols is given in the MGS Misc. Map Series M-94.

Section 6. Distribution Information

Publisher Minnesota Geological Survey
Publication Date July 1, 1999
Online Linkage ftp://156.98.153.1/pub2/m-94
Distributor Contact Person Lori day
Distributor Organization Minnesota Geological Survey – Map Sales
Distributor Position Map Sales Manager
Distributor Street address 2642 University Avenue
Distributor City St. Paul
Distributor State or Province MN
Distributor Postal Code 55114
Distributor Voice Phone 612-627-4780 ex. 238
Distributor Fax Phone 612-627-4778
Distributor E-mail Address dayxx006@maroon.tc.umn.edu

| | |
|---|---|
| <i>Data Set Name</i> | LSLNPT |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. MEINTS |
| <hr/> | |
| <i>Distributors Data Set Identifier</i> | Misc. Map Series M-94 |
| <i>Distribution Liability</i> | |
| <i>Transfer Format Name</i> | ARC export format (.e00), either as DOS .exe zipped or UNIX .tar compressed |
| <i>Transfer Format Version Number</i> | ARC/INFO 7.04 |
| <i>Transfer Size</i> | approx. 1.5 MB |
| <i>Ordering Instructions</i> | Contact MGS Map Sales |

Section 7. Metadata Reference Information

| | |
|---|---|
| <i>Metadata Date</i> | 4-15-99 |
| <i>Metadata Contact Person</i> | Joyce Meints |
| <i>Metadata Contact Organization</i> | Minnesota Geological Survey |
| <i>Metadata Contact Position</i> | GIS Staff |
| <i>Metadata Contact Street Address</i> | 2642 University Avenue |
| <i>Metadata Contact City</i> | St. Paul |
| <i>Metadata Contact State or Province</i> | MN |
| <i>Metadata Contact Postal Code</i> | 55114 |
| <i>Metadata Contact Voice Phone</i> | 612-627-4780, ext.214 |
| <i>Metadata Contact Fax Phone</i> | 612-627-4778 |
| <i>Metadata Contact E-mail Address</i> | meint002@maroon.tc.umn.edu |
| <i>Metadata Standard Name</i> | Minnesota Geographic Metadata Guidelines |
| <i>Metadata Standard Version</i> | v. 1.1 |
| <i>Metadata Standard Online Linkage</i> | http://www.lmic.state.mn.us/gc/stds/metadata.htm |

Data Set Name SGANCT
Date 4-15-99
Metadata Entered By J. MEINTS

Section 1. Identification Information

CITATION Minnesota Geological Survey
Originator SGANCT
Title
Unique Identifier Annotation of the Mound 7.5 minute Quadrangle
Abstract
Purpose 7.5 minute Quadrangle based mapping supported by USGS STATEMAP project
Time Period of Content June 1999
Currentness Reference July 1998 - June 1999, field work conducted summer-fall 1998, digital compilation winter-spring 1999.
Progress complete

SPATIAL DOMAIN

Maintenance and Update Frequency none planned
Spatial Extent of Data Mound 7.5 minute Quadrangle
West Bounding Coordinate -93.750000
East Bounding Coordinate -93.625229
North Bounding Coordinate 45.000000
South Bounding Coordinate 44.874992

KEYWORDS

Place Keywords Mound Quadrangle, Hennepin County, South central Minnesota
Theme Keywords Surficial Geology, annotation
Theme Keyword Thesaurus Surficial Geology, annotation

CONSTRAINTS

Access Constraints none
Use Constraints Credit Given to Minnesota Geological Survey

Data Set Name SGANCT
Date 4-15-99
Metadata Entered By J. MEINTS

OTHER

Contact Person Joyce Meints
Contact Organization Minnesota Geological Survey
Contact Person Position GIS Staff
Contact Street Address 2642 University Avenue
Contact City St. Paul
Contact State or Province MN
Contact Postal Code 55114
Contact Voice Phone 612-627-4780, ext.214
Contact Fax Phone 612-627-4778
Contact E-mail Address meint002@maroon.tc.umn.edu
Browse Graphic <http://geolab.geo.umn.edu/mgs>
Associated Data Sets all associated covers in Misc. Map Series M-94, M-93, M-87, M-88, M-89

Section 2. Data Quality Information

Attribute Accuracy Attributes checked for visual completeness and correct coding by GIS tech., geologist and editorial staff. No obvious line data as cartographic flags for surficial units, dangle errors intentional, annotation

Logical Consistency

Completeness complete to currently available data

Horizontal Positional Accuracy approx. 25 meters or better (83 feet or better)

Vertical Positional Accuracy

Lineage Linework was digitized on screen with the surficial geology polygons as a back cover. Annotation was placed on similar method.

Source Scale Denominator 24000

Section 3. Spatial Data Organization Information

Native Data Set Environment ARC/INFO 7.04
Geographic Reference for Tabular Data UTM Coordinates

| | |
|----------------------------|-----------|
| <i>Data Set Name</i> | SGANCT |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. MEINTS |

| | |
|-------------------------------------|-----------------------------|
| <i>Spatial Object Type</i> | vector |
| <i>Vendor Specific Object Types</i> | arc, annotation |
| <i>Tiling Scheme</i> | USGS 7.5 minute quad sheets |

Section 4. Spatial Reference Information

| | |
|-------------------------------------|------------|
| <i>Horizontal Coordinate Scheme</i> | UTM |
| <i>Ellipsoid</i> | CLARK 1866 |
| <i>Horizontal Datum</i> | NAD27 |
| <i>Horizontal Units</i> | meters |
| <i>Distance Resolution</i> | 5 meters |
| <i>Altitude Datum</i> | |
| <i>Altitude Units</i> | |
| <i>Depth Datum</i> | msl |
| <i>Depth Units</i> | |
| <i>Cell Width</i> | |
| <i>Cell Height</i> | |

IF GEOGRAPHIC

| | |
|-----------------------------|--|
| <i>Latitude Resolution</i> | |
| <i>Longitude Resolution</i> | |

IF UTM

| | |
|--|---------------|
| <i>UTM Zone Number</i> | 15 (expanded) |
| <i>UTM Coordinate Offsets or Adjustments</i> | |

IF STATE PLANE

| | |
|---|--|
| <i>SPCS Zone Identifier</i> | |
| <i>SPCS Coordinate Offsets or Adjustments</i> | |

IF COUNTY COORDINATES

Data Set Name SGANCT
Date 4-15-99
Metadata Entered By J. MEINTS

County Zone ID
Co Coord offset

IF USER SPECIFIED PROJECTION

Map Projection Name
Map Projection Parameters

IF OTHER

Other Coordinate System's Definition

Section 5. Entity and Attribute Information

Entity and Attribute Overview Cartographic layer includes line segments for unit flags and annotation for unit labels.

Entity and Attribute Detailed Citation

Section 6. Distribution Information

Publisher Minnesota Geological Survey
Publication Date July 1, 1999
Online Linkage ftp://156.98.153.1/pub2/m-94
Distributor Contact Person Lori day
Distributor Organization Minnesota Geological Survey – Map Sales
Distributor Position Map Sales Manager
Distributor Street address 2642 University Avenue
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Distributor Voice Phone 612-627-4780 ex. 238
Distributor Fax Phone 612-627-4778
Distributor E-mail Address dayxx006@maroon.tc.umn.edu

| | |
|---|---|
| <i>Data Set Name</i> | SGANCT |
| <i>Date</i> | 4-15-99 |
| <i>Metadata Entered By</i> | J. MEINTS |
| <hr/> | |
| <i>Distributors Data Set Identifier</i> | Misc. Map Series M-94 |
| <i>Distribution Liability</i> | |
| <i>Transfer Format Name</i> | ARC export format (.e00), either as DOS .exe zipped or UNIX .tar compressed |
| <i>Transfer Format Version Number</i> | ARC/INFO 7.04 |
| <i>Transfer Size</i> | approx. 1.5 MB |
| <i>Ordering Instructions</i> | Contact MGS Map Sales |

Section 7. Metadata Reference Information

| | |
|---|---|
| <i>Metadata Date</i> | 4-15-99 |
| <i>Metadata Contact Person</i> | Joyce Meints |
| <i>Metadata Contact Organization</i> | Minnesota Geological Survey |
| <i>Metadata Contact Position</i> | GIS Staff |
| <i>Metadata Contact Street Address</i> | 2642 University Avenue |
| <i>Metadata Contact City</i> | St. Paul |
| <i>Metadata Contact State or Province</i> | MN |
| <i>Metadata Contact Postal Code</i> | 55114 |
| <i>Metadata Contact Voice Phone</i> | 612-627-4780 |
| <i>Metadata Contact Fax Phone</i> | 612-627-4778 |
| <i>Metadata Contact E-mail Address</i> | meint002@maroon.tc.umn.edu |
| <i>Metadata Standard Name</i> | Minnesota Geographic Metadata Guidelines |
| <i>Metadata Standard Version</i> | v. 1.1 |
| <i>Metadata Standard Online Linkage</i> | http://www.lmic.state.mn.us/gc/stds/metadata.htm |