

SNP_GEO.gmk25_substrate

SDE Feature Class



Tags

geomorphology, Geomorphologie, GMK25, Geomorphologische Kartierung, Oberflaechenformen, Geomorphologische Prozesse

Summary

There is no summary for this item.

Description

This coverage contains information about the substrat (loose material) in the SNP. There are 4 types of loose material: carbonat, verrucano, cristallin and mix of arbonat and verrucano . Rock, ice and water is excluded.

Credits

There are no credits for this item.

Use limitations

none

Extent

West 10.028245 **East** 10.360237
North 46.777358 **South** 46.568671

Scale Range

There is no scale range for this item.

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

* TITLE SNP_GEO.gmk25_substrate

PRESENTATION FORMATS * digital map

Hide Citation ▲

Resource Details ►

DATASET LANGUAGES * German (SWITZERLAND)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.1.1.3300

CREDITS

ARCGIS ITEM PROPERTIES

- * NAME SNP_GEO.gmk25_substrate
- * LOCATION Server=192.168.1.15; Service=5154; User=snp_geo; Version=SDE.DEFAULT
- * ACCESS PROTOCOL ArcSDE Connection

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

- EXTENT TYPE Extent used for searching
- * WEST LONGITUDE 10.028245
- * EAST LONGITUDE 10.360237
- * NORTH LATITUDE 46.777358
- * SOUTH LATITUDE 46.568671
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE 798377.687500
- * EAST LONGITUDE 823008.812500
- * SOUTH LATITUDE 161484.671900
- * NORTH LATITUDE 183829.765600
- * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

none

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_Bessel_1841
- * PROJECTION Bessel_1841_Hotine_Oblique_Mercator_Azimuth_Natural-Origin
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

- X ORIGIN -29386400
- Y ORIGIN -33067900
- XY SCALE 10000
- Z ORIGIN 0
- Z SCALE 1
- M ORIGIN 0
- M SCALE 1
- XY TOLERANCE 2.4631125926971396
- Z TOLERANCE 0

M TOLERANCE 0
 HIGH PRECISION true
 WELL-KNOWN TEXT PROJCS
 ["Bessel_1841_Hotine_Oblique_Mercator_Azimuth_Natural_Origin",GEOGCS
 ["GCS_Bessel_1841",DATUM["D_Bessel_1841",SPHEROID
 ["Bessel_1841",6377397.155,299.1528128]],PRIMEM["Greenwich",0.0],UNIT
 ["Degree",0.0174532925199433]],PROJECTION
 ["Hotine_Oblique_Mercator_Azimuth_Natural_Origin"],PARAMETER["False_Easting",-
 9419823.847],PARAMETER["False_Northing",199976.188],PARAMETER
 ["Scale_Factor",1.0],PARAMETER["Azimuth",90.0],PARAMETER
 ["Longitude_Of_Center",7.4395375],PARAMETER
 ["Latitude_Of_Center",46.95219166666667],UNIT["Meter",1.0]]

REFERENCE SYSTEM IDENTIFIER

* VALUE 0

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME SNP_GEO.gmk25_substrate

* OBJECT TYPE composite

* OBJECT COUNT 567

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME SNP_GEO.gmk25_substrate

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 567

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ►

PROCESS

DATE 2008-09-25 14:19:41

TOOL LOCATION C:\Programme\ArcGIS\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CopyFeatures

COMMAND ISSUED

CopyFeatures Q:\maindata\snp\gis_geo\gmk25
 \gis_pub\flaechenelemente\substrate\polygon "Database
 Connections\SNP_MAIN_SNP_GEO.sde\MAIN_SNP_GEO.substrate_polygon" # 0 0 0

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTOR ▶

AVAILABLE FORMAT

- * NAME SDE Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

- * LOCATION Server=192.168.1.211; Service=5153; User=main_snp_geo; Version=SDE.DEFAULT
- * ACCESS PROTOCOL ArcSDE Connection
- * DESCRIPTION Downloadable Data

Hide Distributor ▲**DISTRIBUTION FORMAT**

- * NAME SDE Feature Class

Hide Distribution ▲**Fields** ▶DETAILS FOR OBJECT [SNP_GEO.gmk25_substrate](#) ▶

- * TYPE Feature Class
- * ROW COUNT 567

FIELD [OBJECTID](#) ▶

- * ALIAS OBJECTID
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 10
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.

- * DESCRIPTION SOURCE
ESRI

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

Hide Field OBJECTID ▲FIELD [AREA_](#) ▶

- * ALIAS AREA_
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 38
- * SCALE 8

Hide Field AREA_ ▲FIELD [Shape](#) ▶

- * WIDTH 4
- * OUTPUT WIDTH 5
- * DATA TYPE Geometry
- * ALIAS Shape
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Coordinates defining the features.

Hide Field Shape ▲

FIELD SUBSTRATE_ ►

* ALIAS SUBSTRATE_
* DATA TYPE Integer
* WIDTH 4
* PRECISION 10
* SCALE 0

Hide Field SUBSTRATE_ ▲

FIELD SUBSTRATE_ID ►

* ALIAS SUBSTRATE_ID
* DATA TYPE Integer
* WIDTH 4
* PRECISION 10
* SCALE 0

Hide Field SUBSTRATE_ID ▲

FIELD PERIMETER ►

* WIDTH 8
* OUTPUT WIDTH 12
* DATA TYPE Double
* ALIAS PERIMETER
* PRECISION 38
* SCALE 8
* FIELD DESCRIPTION
Perimeter of feature in internal units.

* DESCRIPTION SOURCE
ESRI

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

Hide Field PERIMETER ▲

FIELD FORM_ID ►

* WIDTH 4
* OUTPUT WIDTH 8
* DATA TYPE Integer
* ALIAS FORM_ID
* PRECISION 8
* SCALE 0

Hide Field FORM_ID ▲

FIELD DESCRIPTION ►

* WIDTH 57
* OUTPUT WIDTH 57
* DATA TYPE String
* ALIAS DESCRIPTION
* PRECISION 0

* SCALE 0

Hide Field DESCRIPTION ▲

FIELD DYNAMIK_ID ►

* WIDTH 8
* OUTPUT WIDTH 14
* DATA TYPE Double
* ALIAS DYNAMIK_ID
* PRECISION 38
* SCALE 8

Hide Field DYNAMIK_ID ▲

FIELD PROZESS_ID ►

* WIDTH 8
* OUTPUT WIDTH 14
* DATA TYPE Double
* ALIAS PROZESS_ID
* PRECISION 38
* SCALE 8

Hide Field PROZESS_ID ▲

FIELD MATERIAL_ID ►

* WIDTH 8
* OUTPUT WIDTH 14
* DATA TYPE Double
* ALIAS MATERIAL_ID
* PRECISION 38
* SCALE 8

Hide Field MATERIAL_ID ▲

FIELD IDENTITY ►

* WIDTH 8
* OUTPUT WIDTH 14
* DATA TYPE Double
* ALIAS IDENTITY
* PRECISION 38
* SCALE 8

Hide Field IDENTITY ▲

FIELD SHAPE.AREA ►

* ALIAS SHAPE.AREA
* DATA TYPE Double
* WIDTH 0
* PRECISION 0
* SCALE 0

Hide Field SHAPE.AREA ▲

FIELD SHAPE.LEN ►

* ALIAS SHAPE.LEN
* DATA TYPE Double
* WIDTH 0

- * PRECISION 0
- * SCALE 0

[Hide Field SHAPE.LEN ▲](#)

[Hide Details for object SNP_GEO.gmk25_substrate ▲](#)

DETAILS FOR OBJECT [prozesse.pat ▶](#)

- * TYPE Feature Class
- * ROW COUNT 3375

FIELD [FID ▶](#)

- * WIDTH 4
- * OUTPUT WIDTH 5
- * DATA TYPE OID

[Hide Field FID ▲](#)

FIELD [SHAPE ▶](#)

- * WIDTH 4
- * OUTPUT WIDTH 5
- * DATA TYPE Geometry

[Hide Field SHAPE ▲](#)

FIELD [AREA ▶](#)

- * WIDTH 4
- * OUTPUT WIDTH 12
- * DATA TYPE Float
- * NUMBER OF DECIMALS 3

[Hide Field AREA ▲](#)

FIELD [PERIMETER ▶](#)

- * WIDTH 4
- * OUTPUT WIDTH 12
- * DATA TYPE Float
- * NUMBER OF DECIMALS 3

[Hide Field PERIMETER ▲](#)

FIELD [PROZESSE# ▶](#)

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

[Hide Field PROZESSE# ▲](#)

FIELD [PROZESSE-ID ▶](#)

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

[Hide Field PROZESSE-ID ▲](#)

FIELD FORM_ID ►

* WIDTH 8

* OUTPUT WIDTH 8

* DATA TYPE Integer

FIELD DESCRIPTION

unequivocal ID-number for description of geomorphological objects

DESCRIPTION SOURCE

ID-key

LIST OF VALUES

VALUE 0

DESCRIPTION keine Angaben

VALUE 2

DESCRIPTION Gletscher, rezent

VALUE 4

DESCRIPTION glazial gepraeigte Oberflaeche

VALUE 10

DESCRIPTION Moraenenwall

VALUE 70

DESCRIPTION Blockgletscher 1. Ordnung

VALUE 71

DESCRIPTION Blockgletscher 2. Ordnung

VALUE 80

DESCRIPTION Glatthaenge

VALUE 101

DESCRIPTION Steinpolygone

VALUE 104

DESCRIPTION Streifenboeden

VALUE 105

DESCRIPTION Girlandenboeden

VALUE 106

DESCRIPTION Soliflukstionsstroeme

VALUE 107

DESCRIPTION Buelten

VALUE 200

DESCRIPTION Bach, perennierend

VALUE 210

DESCRIPTION See, natuerlich

VALUE 211

DESCRIPTION See, kuenstlich

VALUE 220

DESCRIPTION Stausee

VALUE 230

DESCRIPTION Wasserscheide, Talwasserscheide

VALUE 242

DESCRIPTION	Quellnaesse
VALUE	250
DESCRIPTION	Quelle perennierend
VALUE	261
DESCRIPTION	Schluckloch
VALUE	300
DESCRIPTION	Alluvione (fluviale Prozesse in Betten von Fliessgewaessern)
VALUE	310
DESCRIPTION	Schwemmkegel
VALUE	311
DESCRIPTION	Schwemmfaecher
VALUE	321
DESCRIPTION	Hanganriss
VALUE	350
DESCRIPTION	Murgang
VALUE	400
DESCRIPTION	Kerbtal
VALUE	401
DESCRIPTION	Muldental
VALUE	402
DESCRIPTION	Sohlental
VALUE	415
DESCRIPTION	Talform nicht definierbar
VALUE	500
DESCRIPTION	Denudationsflaechen in Lockermaterial
VALUE	510
DESCRIPTION	Denudationstrichter in Fels
VALUE	550
DESCRIPTION	Felsbänder und -wände
VALUE	551
DESCRIPTION	Bergsturzablagerungen
VALUE	553
DESCRIPTION	Schuttkegel
VALUE	600
DESCRIPTION	Terrasse >10m
VALUE	601
DESCRIPTION	Terrasse <10m
VALUE	612
DESCRIPTION	kuenstlicher wall
VALUE	621
DESCRIPTION	Felsruecken / Grat

VALUE 630
DESCRIPTION Sporn

VALUE 631
DESCRIPTION Kuppen

VALUE 632
DESCRIPTION Mulden

VALUE 660
DESCRIPTION Felstuerme

VALUE 670
DESCRIPTION Hoehle

VALUE 700
DESCRIPTION Karst

VALUE 701
DESCRIPTION Karrenfelder

VALUE 710
DESCRIPTION Doline

VALUE 720
DESCRIPTION Kalktuff

VALUE 800
DESCRIPTION Strassenbauten allgemein

VALUE 801
DESCRIPTION Strasse 10m

VALUE 802
DESCRIPTION Strasse 6m

VALUE 803
DESCRIPTION Wirtschaftsweg 6m

VALUE 810
DESCRIPTION Lawinengalerie 15 m

VALUE 811
DESCRIPTION Plaetze, Parkplaetze und Postautohaltestellen

VALUE 820
DESCRIPTION Siedlungsflaeche

VALUE 821
DESCRIPTION Einzelgebaeude

VALUE 824
DESCRIPTION Ruinen

VALUE 830
DESCRIPTION Antennenmast / Sendeanlagen

VALUE 831
DESCRIPTION Elektrizitaetswerk

VALUE 832
DESCRIPTION Seilbahnanlagen

VALUE	840
DESCRIPTION	Staumauer
VALUE	842
DESCRIPTION	Lawinenverbauung
VALUE	850
DESCRIPTION	Entnahmegruben, Deponien
VALUE	851
DESCRIPTION	kuenstliche Aufschuettungen
VALUE	860
DESCRIPTION	menschlicher Einfluss allgemein
VALUE	870
DESCRIPTION	inaktive Bereiche im Wald
VALUE	871
DESCRIPTION	inaktive Gebueschguertel
VALUE	872
DESCRIPTION	inaktive Wiesen und alpine Matten
VALUE	877
DESCRIPTION	Waldbrandflaeche
VALUE	890
DESCRIPTION	Lockermaterial, vorherrschend kristallin
VALUE	891
DESCRIPTION	Lockermaterial, mehr als 66% Verrucano
VALUE	892
DESCRIPTION	Lockermaterial, 33-66% Verrucano und 66-33% Karbonat
VALUE	893
DESCRIPTION	Lockermaterial, mehr als 66% Karbonat
VALUE	900
DESCRIPTION	Kartierungsgrenze
VALUE	998
DESCRIPTION	nicht definierbar

[Hide Field FORM_ID ▲](#)

FIELD DESCRIPTION ►

* WIDTH 57
 * OUTPUT WIDTH 57
 * DATA TYPE Character
 * NUMBER OF DECIMALS 0

DESCRIPTION SOURCE

ID-key

FIELD DESCRIPTION

verbal description of the geomorphological objekt

DESCRIPTION OF VALUES verbal description

[Hide Field DESCRIPTION ▲](#)

FIELD DYNAMIK_ID ►

- * WIDTH 8
- * OUTPUT WIDTH 14
- * DATA TYPE Float
- * NUMBER OF DECIMALS 0

DESCRIPTION SOURCE

ID-key

FIELD DESCRIPTION

describes the geomorpho-dynamics of the geomorphological object

LIST OF VALUES

- | | |
|---------|---------------------------------|
| VALUE 0 | DESCRIPTION keine Angaben |
| VALUE 1 | DESCRIPTION Erosion |
| VALUE 2 | DESCRIPTION Akkumulation |
| VALUE 3 | DESCRIPTION Transit / Transport |
| VALUE 4 | DESCRIPTION Inaktivität |
| VALUE 5 | DESCRIPTION Mischformen |
| VALUE 8 | DESCRIPTION nicht definierbar |

Hide Field DYNAMIK_ID ▲

FIELD PROZESS_ID ►

- * WIDTH 8
- * OUTPUT WIDTH 14
- * DATA TYPE Float
- * NUMBER OF DECIMALS 0

DESCRIPTION SOURCE

ID-key

FIELD DESCRIPTION

defines the type of geomorphological process to which the geomorphological object belongs

LIST OF VALUES

- | | |
|---------|---------------------------|
| VALUE 0 | DESCRIPTION keine Angaben |
| VALUE 1 | DESCRIPTION glazial |
| VALUE 2 | DESCRIPTION glazifluvial |
| VALUE 3 | DESCRIPTION periglazial |

VALUE 4	DESCRIPTION kryogen / solifluidal
VALUE 5	DESCRIPTION nival
VALUE 6	DESCRIPTION fluvial
VALUE 7	DESCRIPTION denudativ
VALUE 8	DESCRIPTION gravitativ
VALUE 9	DESCRIPTION limnisch / lakustrisch / marin / litoral
VALUE 10	DESCRIPTION aeolisch
VALUE 11	DESCRIPTION karstisch / korrosiv
VALUE 12	DESCRIPTION organogen
VALUE 13	DESCRIPTION anthropogen
VALUE 20	DESCRIPTION inaktiv unter Vegetationsbedeckung
VALUE 98	DESCRIPTION nicht definierbar

Hide Field PROZESS_ID ▲

FIELD MATERIAL_ID ►

- * WIDTH 8
- * OUTPUT WIDTH 14
- * DATA TYPE Float
- * NUMBER OF DECIMALS 0

DESCRIPTION SOURCE

ID-Key

FIELD DESCRIPTION

defines the material of the geomorphological object

LIST OF VALUES

VALUE 0	DESCRIPTION keine Angaben
VALUE 1	DESCRIPTION Lockermaterial
VALUE 2	DESCRIPTION Festgestein, Fels
VALUE 3	DESCRIPTION Eis und Schnee

VALUE 4
DESCRIPTION Wasser

VALUE 5
DESCRIPTION Beton, Asphalt und andere kuenstliche Materialien

VALUE 6
DESCRIPTION Mischform

VALUE 8
DESCRIPTION nicht definierbar

[Hide Field MATERIAL_ID ▲](#)

FIELD IDENTITY ►

* WIDTH 8
* OUTPUT WIDTH 14
* DATA TYPE Float
* NUMBER OF DECIMALS 0

FIELD DESCRIPTION

ID-Number, that has been calculated from the items FORM_ID, MATERIAL_ID, DYNAMIK_ID an PROZESS_ID

DESCRIPTION SOURCE

ID-key

[Hide Field IDENTITY ▲](#)

[Hide Details for object prozesse.pat ▲](#)

OVERVIEW DESCRIPTION ►

ENTITY AND ATTRIBUTE OVERVIEW Each geomorphological object is described by a set of four ID-numbers. FORM_ID is a unequivocal number, that is different for each geomorphological object. MATERIAL_ID describes the material of the geomorphological object. DYNAMIK_ID defines the geomorpho-dynamics of a geomorphological object. PROZESS_ID defines the geomorphological process, to which the geomorphological object belongs.

ENTITY AND ATTRIBUTE DETAIL CITATION The ID-key and system of the ID-numbers were described in the project report, that is available in the headquarter of the Swiss National Park.

[Hide Overview Description ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

* METADATA LANGUAGE German (SWITZERLAND)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

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

* LAST UPDATE 2014-10-09

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM 2014-10-09 15:20:33

LAST MODIFIED IN ARCGIS FOR THE ITEM 2014-10-09 15:22:41

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2014-10-09 15:22:41

Hide Metadata Details ▲

FGDC Metadata (read-only) ▼