# Product: Swedish bedrock age database

## List of product changes

List of changes in the product or product description.

**List of changes**

| Document version | Product version | Approval date | Changes |
|---|---|---|---|
| 1.0 | | 2016-03-10 | First version |
| 1.1 | | 2017-04-06 | Information about symbolization is updated, including new figures showing symbolization and layer structure in the lyr file to deliver formats esri shape and file geodatabase. Alias names in attribute table are changed. A new figure showing the database structure in the Access database is added |
| 2.0 | 1.0 | 2024-06-09 | Provided according to EU-commission regulation about valuable datasets. New open license terms, distribution like bulk download (GeoPackage) and direct access (OGC API – Features), symbology for ArcGIS Pro and QGIS |

## Summary

The Swedish Bedrock Age Database contains published radiometric age determinations of Swedish Bedrock, currently c. 2700 records (Fig. 1). In addition to age and age errors, there is information about the geographic location of the sample, dated rock type, dated material, analytical method, isotopic system, age interpretation etc. To each record in the database there is a literature reference to the source of information. The reference generally contains detailed information about background, aim, methods, data, discussion and interpretation of the age determination.

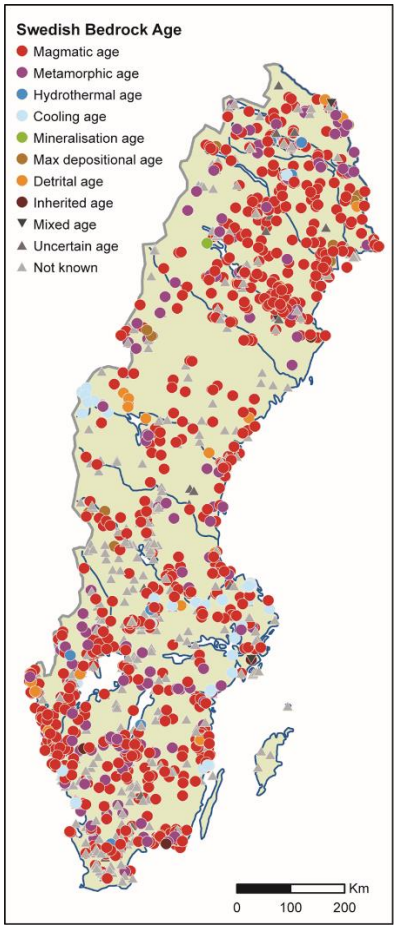

Figure 1. The map shows age determinations of Swedish rocks, where the points are symbolized on the interpretation of age.

| | |
|---|---|
| Licens | CC0 1.0 universell |
| Coordinatsystem (storage) | SWEREF99TM (EPSG:3006) |

## Provided

The product is provided by downloading prepackaged files (bulk download), and by direct access via standardized APIs developed by Open Geospatial Consortium (OGC).

| **Bulk download** | |
|---|---|
| Format | OGC GeoPackage |
| URL | https://resource.sgu.se/data/oppnadata/bergets-alder/bergets-alder.zip |

| **Direct access OGC API - Features** | |
|---|---|
| Format | GeoJSON |
| URL | https://api.sgu.se/oppnadata/bergets-alder/ogc/features/v1 |

## Content of delivery

**Files included in delivery**

| File name | Format | Content |
|---|---|---|
| bergets_alder.gpkg | OGC GeoPackage | alder (points) |
| bergets_alder.lyrx | ArcGIS Pro Layer Definition file | Symbology of file for use with ArcGIS Pro |
| bergets_alder.qlr | QGIS Layer definition file | Symbology of file for use with QGIS |
| bedrock-age-description-eng.pdf | PDF | Short description of the content and structure of the product (in English) |
| bergets-alder-beskrivning.pdf | PDF | Short description of the content and structure of the product (in Swedish) |

## History and aim

The compilation of ages has been created through collaboration between the Geological Survey of Sweden (SGU) and the Department of Geosciences at the Natural History Museum in Stockholm. The aim is to collect all available geochronological data from Sweden into a single database for research purposes, but the database is also intended to be used in exploration, urban planning, and for a wider public with an interest in the Swedish bedrock geology.

## Maintenance

The database is located at SGU, which now has the primary responsibility for its updates, maintenance and further development. Several new parameters have been added during the past year, and work is underway to update the information for all items, and to correct errors in the database. If you discover any errors or missing age determinations, or have suggestions of improvements of the database, please contact SGU customer service, kundservice@sgu.se.

## Data quality

In the literature reference of every age determination are generally detailed information about the background, purpose, methods, data, data quality, discussion and conclusions. Spatial accuracy is variable, but generally better for age determinations described in more recent publications.

## Symbology

A lyrx file and a qlr file with symbology is included for use with ArcGIS Pro and QGIS, respectively. The age determinations are shown in two different selectable layers with different symbolization (Fig. 2–3). One layer shows the age determinations based on the isotopic system used, and the second layer is based on the age interpretation. These layers are in turn divided into selectable sub-layers to refine the selection of data displayed. For example, you can choose to view only age determinations based on the isotope system uranium-lead (U-Pb), or to only view ages interpreted as metamorphic. The points

in the map are symbolized by age in the selection layers based on age interpretation, and by age interpretation in the selection layers based on isotope systems.

**Group layer: Swedish bedrock age**

| Layers | Source | Selection |
|---|---|---|
| Selection based on age interpretation (symbolized by age, million years) | | |
| All ages (symbolized by age, million years) | alder | APPROVED = 1 |
| Magmatic age | alder | APPROVED = 1 AND AGE_INT_TX = 'Magmatic age' |
| Metamorphic age | alder | APPROVED = 1 AND AGE_INT_TX = 'Metamorphic age' |
| Hydrothermal ages | alder | APPROVED = 1 AND AGE_INT_TX = 'Hydrothermal age' |
| Cooling age | alder | APPROVED = 1 AND AGE_INT_TX = 'Cooling age' |
| Mineralization age | alder | APPROVED = 1 AND AGE_INT_TX = 'Mineralization age' |
| Maximum depositional age | alder | APPROVED = 1 AND AGE_INT_TX = 'Maximum depositional age' |
| Detrital age | alder | APPROVED = 1 AND AGE_INT_TX = 'Detrital age' |
| Inherited, Uncertain, Mixed ages | alder | APPROVED = 1 AND AGE_INT_TX = 'Inherited age' OR AGE_INT_TX = 'Uncertain age' OR AGE_INT_TX = 'Mixed age' |
| Not known | alder | APPROVED = 1 AND AGE_INT_TX = 'not known' |
| Selection based on isotopic system (symbolized by age interpretation) | | |
| All ages (symbolized by age interpretation) | alder | APPROVED = 1 |
| U-Pb | alder | APPROVED = 1 AND ISO_SYS_TX = 'U-Pb' |
| Pb-Pb | alder | APPROVED = 1 AND ISO_SYS_TX = 'Pb-Pb' |
| Sm-Nd | alder | APPROVED = 1 AND ISO_SYS_TX = 'Sm-Nd' |
| Lu-Hf | alder | APPROVED = 1 AND ISO_SYS_TX = 'Lu-Hf' |
| Rb-Sr | alder | APPROVED = 1 AND ISO_SYS_TX = 'Rb-Sr' |
| Ar-Ar | alder | APPROVED = 1 AND ISO_SYS_TX = 'Ar-Ar' |
| K-Ar | alder | APPROVED = 1 AND ISO_SYS_TX = 'K-Ar' |
| Re-Os | alder | APPROVED = 1 AND ISO_SYS_TX = 'Re-Os' |
| Fisson track | alder | APPROVED = 1 AND ISO_SYS_TX = 'Fission track' |

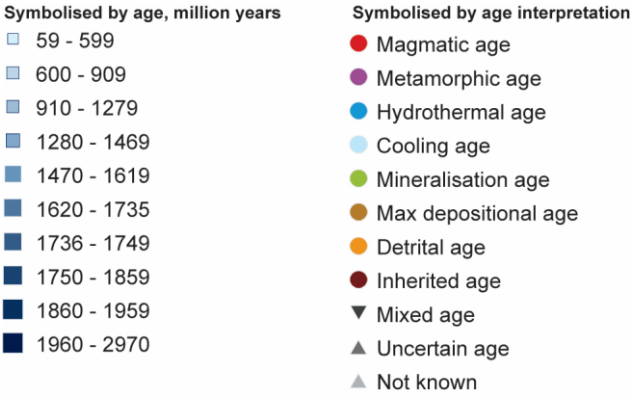


Figure 2. Symbolization used in lyrx- and qlr-files.

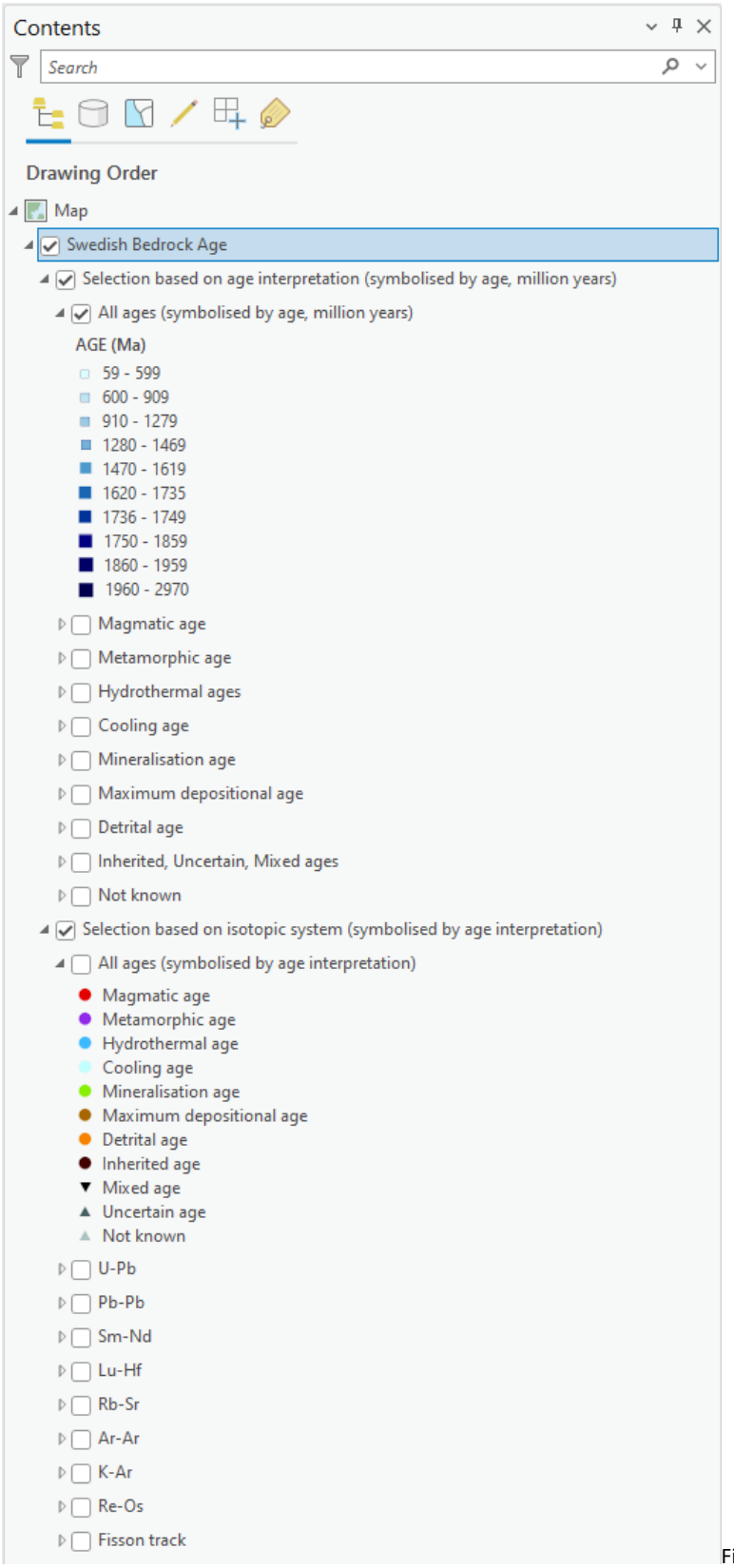


Figure. 3. Layer structure in layer files

# Tables included

## *Bedrock age*

Table: alder

| Column name | Alias | Description | Domain |
|---|---|---|---|
| idnr_aldr | AGE DATABASE ID | Unique identification number for each post in the table “alder” | |
| id_sgu | SGU ID | Unique SGU id for bedrock sample connected to a bedrock observation | |
| id_alt | ALTERNATIVE ID | Alternative id for bedrock sample | |
| id_lab | LAB ID | Laboratory id for sample | |
| n_rt90 | N (RT90) | N-S coordinate according to Swedish map projection Rikets Triangelnät år 1990 (RT 90 2.5 gon V) | |
| e_rt90 | E (RT90) | E-W coordinate according to Swedish map projection Rikets Triangelnät år 1990 (RT 90 2.5 gon V) | |
| index_rt90 | INDEX (RT90) | Map Index designation according to Swedish map projection Rikets Triangelnät år 1990 (RT 90 2.5 gon V) | |
| n_sweref | N (SWEREF) | N-S coordinate according to Swedish map projection SWEREF 99 TM | |
| e_sweref | E (SWEREF) | E-W coordinate according to Swedish map projection SWEREF 99 TM | |
| index_swe | INDEX (SWEREF) | Map Index designation according to Swedish map projection SWEREF 99 TM | |
| locality | LOCALITY | Name of sampling locality | |
| lithology | LITHOLOGY | Rock type code | bergart_aldr_lx |
| litho_txt | LITHOLOGY COMMENT | Description of rock | |
| lithodem | FORMATION/LITHODEM | Lithostratigraphic unit, formation/lithodem | |
| stratgroup | STRATIGRAPHIC GROUP/SUITE | Lithostratigraphic group/suite | |
| litho_sub | LITHOLOGICAL AREA | Lithological area | |
| tect_sub | LITHOTECTONIC SUBUNIT | Lithotectonic subarea | tekt_sub_lx |
| tect | LITHOTEKTONIC UNIT | Lithotectonic area | tekt_lx |
| lithostrat | LITHOSTRATIGRAPHIC POSITION | Lithostratigraphic position | litolage_lx |
| strat_pos | STRATIGRAFIC POSITION | Stratigraphic position | strat_lx |
| lab | LABORATORY | Name of Laboratory | |

| | | | |
|---|---|---|---|
| isot_syst | | Isotopic system | isotop_syst_lx |
| iso_sys_tx | ISOTOPIC SYSTEM | Isotopic system | isotop_syst_lx |
| method | METHOD | Method of dating | method_aldr_lx |
| mat_dated | DATED MATERIAL | Dated material | material_dated_lx |
| age_type | AGE TYPE | Type of age determination | age_type_lx |
| age | AGE (Ma) | Calculated age in million years | |
| age_error | AGE ERROR (Ma) | Error limit (+/-) in million years for calculated age (two standard deviation) | |
| age_err_pl | UPPER AGE ERROR (Ma) | Upper error limit in million years for calculated age (two standard deviation) | |
| age_err_mi | LOWER AGE ERROR (Ma) | Lower error limit in million years for calculated age (two standard deviation) | |
| age_min | MIN AGE (Ma) | Calculated minimum age in million years | |
| age_max | MAX AGE (Ma) | Calculated maximum age in million years | |
| li_age | LI AGE (Ma) | Lower U-Pb concordia intercept age in million years | |
| li_age_err | LI AGE ERROR (Ma) | Error limit (+/-) in million years for lower U-Pb concordia intercept age in million years (two standard deviation) | |
| n_tot | N TOTAL | Total number of analyses | |
| n_calc | N CALC | Number of analyses used in calculation of age | |
| mswd | MSWD | Mean Standard Weighted Deviation | |
| probabilit | PROBABILITY | Probability | |
| age_int | | Interpretation of calculated age | age_interpretation_lx |
| age_int_tx | AGE INTERPRETATION | Interpretation of calculated age | age_interpretation_lx |
| reliabilty | RELIABILITY | Quality classification of age determination (under development) | reliability_code_lx |
| comment_ | COMMENT | Comment to age determination | |
| ref_short | REFERENCE SHORT | Short literature reference to age determination e.g. Andersson & Pettersson 2011 | |
| reference | REFERENCE | Complete literature reference to age determination. Reference include detailed metadata with geologic background, aim of study, sample description, analytical methods, isotope chemical data, age calculations, interpretations etc. | |
| ref_link | REFERENCE LINK | URL download link to publication | |
| publ_year | PUBLICATION YEAR | Year of publication | |
| inputdate | DATE OF INPUT | Date of registration | |
| registrat | REGISTRATOR | Name of registrar | |
| rev_date | DATE OF REVISION | Date of revision | |
| reviewer | REVIEWER | Name of reviewer | |

| | | |
|---|---|---|
| approved | APPROVED | Approved (=1), age is shown in map viewer etc, Not approved (=0) not used as age has been recalculated or updated. |
| geom | | Geometry |

## Dictionary tables (domains)

### Domain: age_interpretation_lx

| age_interpretation | age_interpretation_txt | description |
|---|---|---|
| 0 | not known | |
| 1 | Metamorphic age | |
| 2 | Inherited age | |
| 3 | Detrital age | |
| 4 | Cooling age | |
| 5 | Magmatic age | |
| 6 | Hydrothermal age | |
| 7 | Uncertain age | |
| 8 | Mineralisation age | |
| 9 | Maximum depositional age | |
| 10 | Minimum age | |
| 11 | Maximum age | |
| 12 | Mixed age | |

### Domain: age_type_lx

| age_type | age_type_txt | description |
|---|---|---|
| 0 | Not known | |
| 1 | Upper intercept age | |
| 2 | Concordant age | |
| 3 | 207Pb/206Pb age | |
| 4 | Plateau age | |
| 5 | Isochron age | |
| 6 | Model age | |
| 7 | 206Pb/238U age | |
| 8 | Chemical U-Th-Pb age | |
| 9 | Lower intercept age | |
| 10 | Weighted average age | |
| 11 | Weighted average 207Pb/206Pb age | |

| | |
|---|---|
| 12 | Weighted average 206Pb/238U age |
| 13 | 208Pb/232Th age |

Domain: bergart_aldr_lx

| bergart_id | lithology | bergart_txt |
|---|---|---|
| 0 | Unknown | Okänd |
| 100 | Acidic igneous rock | Sur bergart |
| 200 | Intermediate composition igneous rock | Intermediär bergart |
| 300 | Basic rock | Basisk bergart |
| 400 | Ultrabasic igneous rock | Ultrabasisk bergart |
| 500 | Ultramafic igneous rock | Ultramafisk bergart |
| 1000 | Intrusive rock | Intrusiv bergart |
| 1051 | Granitoid | Granitoid |
| 1109 | Quartzolite | Kvartsolit, kvartssten |
| 11120 | Quartz-rich granitoid | Kvartsrik granitoid |
| 1100 | Alkali-feldspar granite | Alkalifältspatgranit |
| 11130 | Alkaline rock | Alkalin bergart |
| 1058 | Granite | Granit |
| 1062 | Aplite | Aplit |
| 1061 | Pegmatite | Pegmatit |
| 1060 | Granophyre | Granofyr |
| 1098 | Pegmatite-granite | Pegmatitgranit |
| 11145 | Syenogranite | Syenogranit |
| 11146 | Monzogranite | Monzogranit |
| 1056 | Granodiorite | Granodiorit |
| 1053 | Tonalite | Tonalit |
| 1055 | Trondhjemite | Trondhjemit |
| 1043 | Syenitoid | Syenitoid |
| 11210 | Quartz alkali feldspar syenite | Kvartsalkalifältspatsyenit |
| 11220 | Alkali-feldspar syenite | Alkalifältspatsyenit |
| 1049 | Quartz syenite | Kvartssyenit |
| 1048 | Syenite | Syenit |
| 1046 | Quartz monzonite | Kvartsmonzonit |
| 1045 | Monzonite | Monzonit |
| 11270 | Foid bearing alkali feldspar syenite | Foidförande alkalifältspatsyenit |
| 11280 | Foid bearing syenite | Foidförande syenit |
| 11290 | Foid bearing monzonite | Foidförande monzonit |
| 1030 | Dioritoid | Dioritoid |

| | | |
|---|---|---|
| 1037 | Quartz monzodiorite | Kvartsmonzodiorit |
| 1036 | Monzodiorite | Monzodiorit |
| 1038 | Quartz diorite | Kvartsdiorit |
| 1033 | Diorite | Diorit |
| 11350 | Foid bearing monzodiorite | Foidförande monzodiorit |
| 11360 | Foid bearing diorite | Foidförande diorit |
| 1020 | Gabbroid | Gabbroid |
| 11410 | Quartz monzogabbro | Kvartsmonzogabbro |
| 1105 | Monzogabbro | Monzogabbro |
| 1034 | Monzonorite | Monzonorit |
| 1106 | Quartz gabbro | Kvartsgabbro |
| 1107 | Quartz anorthosite | Kvartsanortosit |
| 1022 | Gabbro | Gabbro |
| 1027 | Doleritic rock | Diabas |
| 1024 | Norite | Norit |
| 1025 | Gabbronorite | Gabbronorit |
| 1026 | Toctolite | Troctolit |
| 1039 | Anorthosite | Anortosit |
| 11470 | Foid bearing monzogabbro | Foidförande monzogabbro |
| 11480 | Foid bearing gabbro | Foidförande gabbro |
| 11490 | Foid bearing anorthosite | Foidförande anortosit |
| 11500 | Foid syenitoid | Foidsyenitoid |
| 11510 | Foid syenite | Foidsyenit |
| 1050 | Nepheline syenite | Nefelinsyenit |
| 11520 | Foid monzosyenite | Foidmonzosyenit |
| 11600 | Foid dioritoid | Foiddioritoid |
| 11610 | Foid monzodiorite | Foidmonzodiorit |
| 11620 | Foid diorite | Foiddiorit |
| 11700 | Foid gabbroid | Foidgabbroid |
| 11710 | Foid monzogabbro | Foidmonzogabbro |
| 11720 | Foid gabbro | Foidgabbro |
| 11800 | Foidolitoid | Foidolitoid |
| 11810 | Foidolite | Foidolit |
| 11830 | Melteigite | Melteigit |
| 11840 | Ijolite | Ijolit |
| 11850 | Urtite | Urtit |
| 1008 | Peridotite | Peridotit |
| 1007 | Dunite | Dunit |
| 11920 | Pyroxene peridotite | Pyroxenperidotit |
| 1103 | Harzburgite | Harzburgit |

| | | |
|---|---|---|
| 1102 | Lherzolite | Lherzolit |
| 1104 | Wehrlite | Wehrlit |
| 1012 | Pyroxenite | Pyroxenit |
| 1013 | Hornblendite | Hornbländit |
| 11940 | Melilitolite | Melilitolit |
| 12200 | Lamprophyric rock | Lamprofyrisk bergart |
| 1003 | Kimberlite | Kimberlit |
| 1001 | Lamprophyre | Lamprofyr |
| 1002 | Alnöite | Alnöit |
| 12230 | Lamproite | Lamproit |
| 1101 | Carbonatite | Karbonatit |
| 12310 | Sövite | Sövit |
| 12320 | Beforsite | Beforsit |
| 12330 | Alvikite | Alvikit |
| 12350 | Fenite | Fenit |
| 12360 | Uncompahgrite | Uncompahgrit |
| 3000 | Volcanic rock | Vulkanisk bergart |
| 21100 | Rhyolitoid | Ryolitoid |
| 21110 | Alkali-feldspar rhyolite | Alkalifältspatryolit |
| 3088 | Rhyolite | Ryolit |
| 21200 | Dacitoid | Dacitoid |
| 3086 | Dacite | Dacit |
| 3104 | Trachydacite | Trakydacit |
| 21300 | Trachytoid | Trakytoid |
| 21310 | Quartz alkali-feldspar trachyte | Kvarts-alkalifältspattrakyt |
| 21320 | Alkali-feldspar trachyte | Alkalifältspattrakyt |
| 3106 | Quartz-trachyte | Kvartstrakyt |
| 3082 | Trachyte | Trakyt |
| 3090 | Quartz-latite | Kvartslatit |
| 3080 | Latite | Latit |
| 21370 | Foid bearing alkali-feldspar trachyte | Foidförande alkalifältspattrakyt |
| 3091 | Foid-trachyte | Foidtrakyt |
| 3092 | Foid-latite | Foidlatit |
| 22100 | Andesitoid | Andesitoid |
| 3074 | Andesite | Andesit |
| 3103 | Trachyandesite | Trakyandesit |
| 22121 | Benmoreite | Benmoreit |
| 22130 | Basaltic andesite | Basaltisk andesit |
| 22140 | Basaltic trachyandesite | Basaltisk trakyandesit |
| 22141 | Mugearite | Mugearit |

| | | |
|---|---|---|
| 22142 | Shoshonite | Shoshonit |
| 22200 | Boninite | Boninit |
| 22300 | Fonolitoid | Fonolitoid |
| 3093 | Fonolite | Fonolit |
| 3094 | Tefritic fonolite | Tefritisk fonolit |
| 23100 | Basaltoid | Basaltoid |
| 3072 | Basalt | Basalt |
| 3102 | Trachybasalt | Trakybasalt |
| 23121 | Hawaiite | Hawaiit |
| 23122 | K-trachybasalt | K-trakybasalt |
| 23200 | Tefritoid | Tefritoid |
| 3096 | Fonolitic tefrite | Fonolitisk tefrit |
| 3095 | Fonolitic basanite | Fonolitisk basanit |
| 24100 | Picro-basalt | Pikrobasalt |
| 24200 | Ultramafic tefritoid | Ultramafisk tefritoid |
| 3097 | Basanite | Basanit |
| 3098 | Tefrite | Tefrit |
| 24250 | Melanephelinite | Melanefelinit |
| 24300 | Foiditoid | Foiditoid |
| 3101 | Foidite | Foidit |
| 3099 | Fonolitic foidite | Fonolitisk foidit |
| 3100 | Tefritic foidite | Tefritisk foidit |
| 24340 | Basanitic foidite | Basanitisk foidit |
| 1014 | Picrite | Pikrit |
| 3065 | Komatiite | Komatiit |
| 3071 | Basaltic komatiite | Basaltisk komatiit |
| 24420 | Meimechite | Meimechit |
| 24500 | Melilitic rock | Melilitisk bergart |
| 24510 | Melilitite | Melilitit |
| 24520 | Olivine melilitite | Olivinmelilitit |
| 6000 | Sedimentary rock | Sedimentär bergart |
| 6001 | Conglomerate | Konglomerat |
| 6005 | Breccia | Breccia |
| 6006 | Tillite | Tillit |
| 6007 | Sandstone | Sandsten |
| 6058 | Feldspathic sandstone | Fältspatrik sandsten |
| 6009 | Arenite | Arenit |
| 6011 | Quartzarenite | Kvartsarenit |
| 6087 | Subarkose | Subarkos |
| 6013 | Arkosic arenite | Arkosisk arenit |

| | | |
|---|---|---|
| 6015 | Arkose | Arkos |
| 6017 | Litharenite | Litisk arenit |
| 6088 | Sublitharenite | Sublitisk arenit |
| 6018 | Wacke, greywacke | Vacka, gråvacka |
| 6020 | Quartz wacke | Kvartsvacka |
| 6021 | Feldspathic graywacke | Fältspatvacka |
| 6022 | Lithic greywacke | Litisk vacka |
| 6033 | Siltstone | Siltsten |
| 6034 | Mudstone | Slamsten |
| 6031 | Argillite | Argillit |
| 6063 | Claystone | Lersten |
| 6035 | Shale | Lerskiffer |
| 6059 | Alum shale | Alunskiffer |
| 6060 | Marlstone | Märgelsten |
| 6045 | Limestone | Kalksten |
| 6047 | Dolomite | Dolomit |
| 6049 | Magnesite | Magnesit |
| 6066 | Anthraconite | Orsten |
| 6067 | Reef limestone | Revkalksten |
| 6068 | Limestone in an algal mound | Mound-kalksten |
| 6069 | Calcirudite | Kalcirudit |
| 6070 | Calcarenite | Kalkarenit |
| 6071 | Calcilutite | Kalcilutit |
| 6072 | Biosparite | Biosparit |
| 6073 | Oosparite | Oosparit |
| 6074 | Pelsparite | Pelsparit |
| 6075 | Intrasparite | Intrasparit |
| 6076 | Biolithite | Biolitit |
| 6077 | Biomicrite | Biomikrit |
| 6078 | Oomicrite | Oomikrit |
| 6079 | Pelmicrite | Pelmikrit |
| 6080 | Intramicrite | Intramikrit |
| 6081 | Dismicrite | Dismikrit |
| 6051 | Chemical rock | Kemisk sedimentbergart |
| 6052 | Chert | Chert, silex |
| 6053 | Jasper, jaspilite | Jaspis, jaspilit |
| 6082 | Evaporite | Evaporit |
| 6092 | Pisolite | Pisolit |
| 6083 | Sediment | Sediment |
| 6085 | Cobble | Sten |

| | | |
|---|---|---|
| 6061 | Sand | Sand |
| 6064 | Clay | Lera |
| 6065 | Marl | Märgel |
| 9078 | Bentonite | Bentonit |
| 6089 | Encrinite | Krinoideekalksten |
| 6090 | Stromatoporoid limestone | Stromatoporoidkalksten |
| 6091 | Algal limestone | Algkalksten |
| 8100 | Schist | Skiffer (schist) |
| 8101 | Gneiss | Gnejs |
| 8102 | Granofels | Granofels |
| 5078 | Orthogneiss | Ortognejs |
| 7056 | Paragneiss | Paragnejs |
| 8103 | Phyllite | Fyllit |
| 8104 | Slate | Skiffer (slate) |
| 8105 | Mica schist | Glimmerskiffer |
| 8106 | Greenschist | Grönskiffer |
| 8107 | Greenstone | Grönsten |
| 8108 | Amphibolite | Amfibolit |
| 8109 | Serpentinite | Serpentinit |
| 8110 | Soapstone | Täljsten |
| 8111 | Quartzite | Kvartsit |
| 7044 | Marble | Marmor |
| 7046 | Calcitic marble | Kalcitmarmor |
| 7048 | Dolomitic marble | Dolomitmarmor |
| 7050 | Magnesitic marble | Magnesitmarmor |
| 8112 | Carbonate-silicate rock | Kalksilikatbergart |
| 8113 | Skarn | Skarn |
| 8018 | Hornfels | Hornfels |
| 8007 | Granulite | Granulit |
| 8060 | Mafic granulite | Mafisk granulit |
| 8061 | Felsic granulite | Felsisk granulit |
| 5091 | Eclogite | Eklogit |
| 8064 | Tourmalite | Turmalinit |
| 8114 | Migmatite | Migmatit |
| 8004 | Mylonite | Mylonit |
| 8005 | Phyllonite | Fyllonit |
| 8001 | Blastomylonite | Blastomylonit |
| 8003 | Cataclasite | Kataklasit |
| 8002 | Fault breccia | Förkastningsbreccia |
| 8055 | Quartz cemented fault breccia | Kvartsläkt förkastningsbreccia |

| | | |
|---|---|---|
| 8006 | Pseudotachylite | Pseudotachylit |
| 8020 | Hydrothermal dyke or segregation | Hydrotermal gång eller segregation |
| 8056 | Hydrothermal vein or segregation of epidote | Epidotdominerad hydrotermal gång eller segregation |
| 8023 | Metasomatic rock | Hydrotermal omvandlingsbergart |
| 8054 | Oxidized rock (red-coloured) | Oxiderad bergart (rödfärgad) |
| 8016 | Supracrustal rock | Ytbergart |
| 5000 | Magmatic rock | Magmatisk bergart |
| 8000 | Metamorphic rock | Metamorf bergart |
| 5105 | Hybrid rock | Hybridbergart |
| 6093 | Clastisk sedimentary rock | Klastisk sedimentär bergart |
| 6094 | Calcareous sedimentary rock | Karbonatisk sedimentär bergart |
| 9000 | Mineral occurrence | Mineralförekomst |
| 9100 | Metallic mineral occurrence | Metallisk mineralförekomst |
| 9101 | Platinum group metal mineralisation | Platinagruppmetallmineralisering |
| 9200 | Sulphide mineralisation | Sulfidmineralisering |
| 9201 | Copper mineralisation | Kopparmineralisering |
| 9202 | Zinc mineralisation | Zinkmineralisering |
| 9203 | Lead mineralisation | Blymineralisering |
| 9204 | Iron sulphide mineralisation | Järnsulfidmineralisering |
| 9205 | Cobalt mineralisation | Koboltmineralisering |
| 9206 | Molybdenum mineralisation | Molybdenmineralisering |
| 9207 | Nickel mineralisation | Nickelmineralisering |
| 9300 | Oxide mineralisation | Oxidmineralisering |
| 9301 | Iron oxide mineralisation | Järnoxidmineralisering |
| 9302 | Skarn iron ore | Skarnjärnmalm |
| 9303 | Quartz-banded iron ore | Kvartsbandad järnmalm |
| 9304 | Apatite iron ore | Apatitjärnmalm |
| 9305 | Iron titanium oxide mineralisation | Järn-titanoxidmineralisering |
| 9306 | Chromium mineralisation | Krommineralisering |
| 9307 | Manganese mineralisation | Manganmineralisering |
| 9308 | Niobium mineralisation | Niobmineralisering |
| 9309 | Tin mineralisation | Tennmineralisering |
| 9310 | Titanium mineralisation | Titanmineralisering |
| 9311 | Uranium mineralisation | Uranmineralisering |
| 9312 | Tungsten mineralisation | Volframmineralisering |
| 9400 | Precious metal mineralisation | Ädelmetallmineralisering |
| 9401 | Silver mineralisation | Silvermineralisering |
| 9402 | Gold mineralisation | Guldmineralisering |
| 9500 | Non-metallic mineral occurrence | Ickemetallisk mineralförekomst |

| | | |
|---|---|---|
| 9501 | Diatomite | Diatomit (kiselgur) |
| 9502 | Coal | Kol (stenkol) |
| 9503 | Rock salt | Salt (stensalt) |
| 9504 | Gemstone | Ädelsten |

Domain: isotop_syst_lx

| isot_syst | isot_syst_txt | description |
|---|---|---|
| 0 | Not known | |
| 1 | U-Pb | |
| 2 | Rb-Sr | |
| 3 | Sm-Nd | |
| 4 | Re-Os | |
| 5 | K-Ar | |
| 6 | Ar-Ar | |
| 7 | Fission track | |
| 8 | Pb-Pb | |
| 9 | U-Th_Pb | |
| 10 | Lu-Hf | |
| 11 | (U-Th)/He | |

Domain: material_dated_lx

| material_dated | material_dated_txt | description |
|---|---|---|
| 0 | Not known | |
| 1 | Whole rock | |
| 2 | Zircon | |
| 3 | Monazite | |
| 4 | Titanite | |
| 5 | Apatite | |
| 6 | Garnet | |
| 7 | Biotite | |
| 8 | Hornblende | |
| 9 | Muscovite | |
| 10 | Baddeleyite | |
| 11 | Molybdenite | |
| 12 | Allanite | |
| 13 | K-feldspar | |
| 14 | Adularia | |
| 15 | Scheelite | |

| | |
|---|---|
| 16 | Xenotime |
| 17 | Columbite-Tantalite |
| 18 | Multi mineral |
| 19 | Uraninite |
| 21 | Sphalerite |
| 22 | Pyrite |
| 23 | Calcite |
| 24 | Haiweeite |
| 25 | Uranophane |
| 26 | Eudialyte |
| 27 | Illite |
| 20 | Other phase (see comment) |

Domain: method_aldr_lx

| method | method_txt | description |
|---|---|---|
| 0 | Not known | |
| 1 | ID-TIMS | |
| 2 | N-TIMS | |
| 3 | SIMS | |
| 4 | Kober Pb-Pb evaporation | |
| 5 | ICP-MS | |
| 6 | Laser ICP-MS | |
| 7 | Step-wise heating | |
| 8 | Total fusion | |
| 9 | UV-laser 40Ar/39Ar dating | |
| 10 | EMP U-Th total-Pb | |
| 11 | Multicollector noble gas MS | |

Domain: reliability_code_lx (under development, not implemented)

| reliability | reliability_txt |
|---|---|
| 0 | Not classified |
| 1 | High reliability |
| 2 | Medium reliability |
| 3 | Low reliability |
| 4 | Data and Metadata is not presented |

Domain: litolage_lx

| lithostrat | lithostrat_txt |
|---|---|
| 0 | |
| 1 | Killerödsformationen |
| 2 | Sularpsformationen |
| 3 | Mossenformationen |
| 4 | Almelundaskiffer |
| 5 | Lindegårdsslamsten |
| 6 | Björkåsholmenformationen |
| 7 | Dalasandsten |
| 8 | Undre Visbyformationen |
| 9 | Övre Visbyformationen |
| 10 | Högklintsformationen |
| 11 | Toftaformationen |
| 12 | Hangvarformationen |
| 13 | Slite gruppen |
| 14 | Fröjelformationen |
| 15 | Hallaformationen |
| 16 | Klintebergsformationen |
| 17 | Hemsegruppen |
| 18 | Ethelhemsformationen |
| 19 | Närformationen |
| 20 | Sudretgruppen |
| 21 | Ekeformationen |
| 22 | Burgsviksformationen |
| 23 | Hamraformationen |
| 24 | Sundreformationen |
| 25 | Petesformationen |
| 26 | Levideformationen |
| 27 | Visbygruppen |
| 28 | Hallgruppen |
| 29 | Katrinelundsformationen |
| 30 | Fleringeformationen |
| 31 | Eskelhemformationen |
| 32 | Buttlegruppen |
| 33 | Lännaformationen |
| 100 | Hardebergaformationen |
| 110 | Lunkabergsledet |
| 120 | Vikledet |
| 130 | Brantevikslede t |

| | |
|---|---|
| 140 | Tobisviksledet |
| 200 | Norretorpformationen |
| 300 | Rispebergsandsten |
| 400 | Gislövsformationen |
| 450 | File Haidarformationen |
| 475 | Borgholmformationen |
| 500 | Alunskifferformationen |
| 510 | Exulanskalksten |
| 520 | Andrarumskalksten |
| 530 | Paradoxideskiffer |
| 540 | Olenidskiffer |
| 550 | Dictyonemaskiffer |
| 600 | Ceratopygekalksten |
| 700 | Töyenskiffer |
| 800 | Komstadkalksten |
| 850 | Kvarneformationen |
| 875 | Klasenkalksten |
| 900 | Övre Didymograptusskiffer |
| 1000 | Dicellograptusskiffer |
| 1100 | Jerrestadslager |
| 1200 | Tommarpslager |
| 1300 | Rastritesskiffer |
| 1400 | Cyrtograptusskiffer |
| 1500 | Colonusskiffer |
| 1600 | Buntsandsten |
| 1610 | Ljunghusensandsten |
| 1620 | Buntsandsten |
| 1700 | Maglarpformationen |
| 1710 | Maglarp C |
| 1720 | Maglarp B |
| 1730 | Maglarp A |
| 1800 | Kågerödsformationen |
| 1810 | Kågerödsarkos |
| 1820 | Kågerödslera |
| 1900 | Röddingeformationen |
| 2000 | Höörformationen |
| 2010 | Stanstorpsledet |
| 2020 | Vittserödsledet |
| 2100 | Höganäsformationen |
| 2110 | Vallåkraledet |

| | |
|---|---|
| 2120 | Bjuvsledet |
| 2130 | Helsingborgsledet |
| 2200 | Ryaformationen |
| 2210 | Döshultsledet |
| 2220 | Pankarpsledet |
| 2230 | Katslösaledet |
| 2240 | Rydebäcksledet |
| 2250 | Röddingeformationen |
| 2300 | Mariedalsformationen |
| 2310 | Fuglundaledet |
| 2320 | Glassand ledet |
| 2400 | Vilhelmsfältformationen |
| 2500 | Anneroformationen |
| 2510 | Fortunaledet |
| 2520 | Fyledalsledet |
| 2530 | Nytorpsledet |
| 2540 | Vitabäcksledet |
| 2600 | Vombformationen |
| 2610 | Tosterupskonglomerat |
| 2620 | Lyckåsmärgel |
| 2630 | Köpingesandsten |
| 2710 | Aptskiffer |
| 2720 | Arnagergrönsand |
| 2800 | Höllvikenformationen |
| 2810 | Arnagerkalksten |
| 2820 | Granviksledet |
| 2830 | Lundaledet |
| 2840 | Kyrkheddingeledet |
| 2850 | Hansaledet |
| 2860 | Krusebergsledet |
| 2870 | Limhamnsledet |
| 2880 | Köpenhamnsledet |
| 2910 | Lellingegrönsand |
| 2920 | Svedalamärgel |
| 2930 | Bosarplersten |
| 3005 | Östbergsporfyr |
| 3030 | Vemdalskvartsit |
| 3050 | Moskiffer |
| 3060 | Kläppeskiffer |
| 3065 | Töyenskiffer |

| | |
|---|---|
| 3070 | Brunflokalksten |
| 3075 | Locknebreccia |
| 3080 | Isökalksten |
| 3090 | Andersöskiffer |
| 3095 | Öråskiffer |
| 3100 | Föllingeturbidit |
| 3115 | Kullsberg kalkstenskropp |
| 3120 | Slandromkalksten |
| 3130 | Furulundskalksten |
| 3140 | Fjäckaskiffer |
| 3145 | Boda kalkstenskropp |
| 3150 | Kogstaskiffer |
| 3160 | Kyrkåskvartsit |
| 3170 | Edekvartsit |
| 3180 | Bergekalksten |
| 3190 | Bångåsenskiffer |
| 3200 | Ekebergturbidit (gråvacka) |
| 3210 | Rödeformationen (sandsten) |
| 3500 | Visingsögruppen |
| 3510 | Lermundasandsten |
| 4100 | Torneträskformationen |
| 4110 | Gärdsjöformationen |
| 4120 | Fjällbrännaformationen |
| 4130 | Norråkerformationen |
| 4140 | Långmarkbergsformationen |
| 4150 | Kalvbergsformationen |
| 4160 | Risbäcksgruppen |
| 4170 | Grammajukkaformationen |
| 4171 | Lejaren |
| 4173 | Avardo |
| 4175 | Daunasvaggeenheten |
| 4177 | Tjidtjakvulkaniten |
| 4179 | Juronkvartsit |
| 4180 | Såvvovareformationen |
| 4190 | Sjoutälvsgruppen |
| 5300 | Ceratopyge-, Latorp- och Lannakalksten |
| 5400 | Holenkalksten |
| 5500 | Segerstad-, Skärlöv- och Sebykalksten |
| 5600 | Folkeslund-, och Furudalkalksten |
| 5700 | Dalbykalksten |

| | |
|---|---|
| 10000 | Öved-Ramsåsa grupp |
| 10100 | Klintaformationen |
| 10110 | Lunnarnaledet |
| 10120 | Bjärledet |
| 10130 | Bjärsjöledet |
| 10140 | Bjärsjölagårdsledet |
| 10200 | Övedsformationen |
| 20501 | Filipstadstyp |
| 20502 | Hagforstyp |
| 20503 | Tvingsgranit |
| 21100 | Utös lägre sedimentära formation |
| 21200 | Sången-/Vasslandformationen |
| 21300 | Älgen-/Uskenformationen |
| 21310 | Bredsjös vulkaniska silt- sandstensled |
| 21320 | Sikfors vulkaniska siltstensled |
| 21330 | Hälgsnäs svartskiffer-gråvacke-konglomerat-tuffitled |
| 21400 | Storsjöformationen |
| 21500 | Torrvarpen-/Mårdshytteformationen |
| 21510 | Grythyttans svartskifferled |
| 21520 | Hällefors gråskifferled |
| 21610 | Älvestorpskonglomeratet |
| 21700 | Skelleftegruppen |
| 21800 | Arvidsjaurgruppen |
| 21810 | Pertitmonzonitsviten, Jörn G IV (ca 1,88-1,86 Ga) |
| 21900 | Vargforsgruppen |
| 22100 | Bottniska gruppen |
| 22400 | Ca 1,95 Ga intrusivbergarter i Skelleftefältet |
| 22500 | Ca 1,90 Ga intrusivbergarter i Skelleftefältet |
| 22600 | Kalkalkalina intrusivbergarter (1,89-1,85 Ga) i Skelleftefältet |
| 22610 | Kalkalkalina intrusivbergarter (1,95-1,85 Ga) i Skelleftefältet, Jörn G II |
| 23000 | Hyperitdiabas |
| 23100 | Suumi 2,5-2,39 Ga |
| 23200 | Intrusivbergarter ca 2,44 Ga |
| 23300 | Sariol 2,39-2,33 Ga |
| 23400 | Jatul 2,33-2,06 Ga |
| 23500 | Ludikow 2,06- 1,95 |
| 23600 | Intrusivbergarter av Pingisvaaratyp ca 1,85 Ga |
| 23700 | Snavva-Sjöfallsgruppen, Maatavaara kvartsitgrupp mfl |
| 30000 | Visingsögruppen |

Domain: strat_lx

| strat_code | stratigraphic_position |
|---|---|
| 0 | Stratigraphic position unknown |
| 1 | Precambrian >0.54 Ga |
| 10 | Archean >2.5 Ga |
| 50 | Archean to Paleoproterozoic >1.6 Ga |
| 55 | Proterozoic 2.5-0.54 Ga |
| 60 | Basalt-andesite formation (Kovogroup ) |
| 80 | Supracrustal rock c. 2.4-1.96 Ga (Karelian) |
| 100 | Paleoproterozoic 2.5-1.6 Ga |
| 101 | Blekinge Coastal (ortho-) Gneiss |
| 102 | Västanå Group |
| 104 | Supracrustal rock c. 2.5-2.39 Ga |
| 105 | Intrusive rock c. 2.44 Ga |
| 106 | Supracrustal rock c. 2.39-2.33 Ga |
| 107 | Supracrustal rock c. 2.33-2.06 Ga |
| 108 | Supracrustal rock c. 2.06-1.96 Ga |
| 110 | Supracrustal rock c. 1.96-1.86 Ga (Svecofennian) |
| 120 | Intrusive rock GDG/GSDG c. 1.96-1.87 Ga (Early Svecokarelian) |
| 122 | Intrusive rocks in the Skellefte field (c. 1.95 Ga) |
| 123 | Intrusive rocks in the Skellefte field (c. 1.90 Ga) |
| 124 | Calk-alkaline intrusive rocks in the Skellefte field (c. 1.95-1.85 Ga) |
| 126 | Calk-alkaline intrusive rocks in the Skellefte field. Jörn G II (c. 1.95-1.85 Ga) |
| 128 | Perthite Monzonite Suite. Jörn G IV (c. 1.88-1.86 Ga) |
| 130 | Intrusive rock GSDG c. 1.88-1.86 Ga |
| 136 | Intrusive rocks of Pingisvaara type (c. 1.85 Ga) |
| 140 | Intrusive rock GP c. 1.83-1.75 Ga |
| 141 | Migmatite granite |
| 142 | Fellingsbro type Granite |
| 146 | Intrusive rock GP c. 1.87-1.82 Ga |
| 148 | Calk-alkaline granitoids (c. 1.83-1.82 Ga ) |
| 150 | Intrusive rock GSDG c. 1.87-1.66 Ga |
| 152 | Intrusive rock GSDG c. 1.87-1.82 Ga |

| | |
|---|---|
| 153 | Intrusive rock GSDG c. 1.81-1.66 Ga |
| 154 | Intrusive rock GSDG c. 1.81-1.76 Ga |
| 156 | Intrusive rock GSDG c. 1.71-1.66 Ga |
| 158 | Intrusive rock GSDG c. 1.87-1.76 Ga |
| 159 | TIB (c. 1.81-1.75 and c. 1.70-1.65 Ga) |
| 160 | Sedimentary rock related to TMB (c. 1.81-1.65 Ga) |
| 170 | Metamorphic rock 1.87-1.84 Ga |
| 199 | Stratigraphic position unknown |
| 200 | Paleo- and Mesoproterozoic rock west of the MZ |
| 210 | Supracrustal rock (> 1.6 Ga?) |
| 220 | A-group intrusive rock (> 1.6 Ga) |
| 230 | Supracrustal rock (c. 1.68-1.60 Ga) |
| 240 | B-group intrusive rock (c. 1.68-1.53 Ga) |
| 250 | Intrusive rock of crustal origin related to B-group |
| 300 | Meso- to Neoproterozoic 1.6-0.54 Ga |
| 302 | Meso- and Neoproterozoic dyke rock |
| 310 | Rapakivi intrusive and associated rock (c. 1.58-? Ga) |
| 320 | Dyke rock (c. 1.55 Ga) |
| 330 | Intrusive rock (c. 1.40 Ga) |
| 335 | Dyke rock (c. 1.37 Ga) |
| 340 | Supracrustal rock > c. 1.27 Ga (Jotnic) |
| 350 | Dyke rock (c. 1.25-1.20 Ga) |
| 360 | Syenite (c. 1.25-1.20 Ga) |
| 362 | Charnockite (c. 1.2 Ga; AMCG group ) |
| 366 | Mangerite and jotunite (c. 1.2 Ga; AMCG group ) |
| 368 | Anorthosite (c. 1.2 Ga; AMCG group) |
| 370 | Dyke rock (c. 1.18 Ga) |
| 380 | Dyke rock (c. 1.0-0.9 Ga) |
| 385 | Alkaline dyke |
| 390 | Dyke rock (0.9 or 1.2 Ga) |
| 400 | Meso- to Neoproterozoic rock west of MZ |
| 410 | C-group magmatic rock (c. 1.51-1.18 Ga) |
| 411 | C1-intrusive rock |
| 414 | C2-intrusive rock |
| 417 | C3-intrusive rock |
| 430 | C3-intrusive rock |
| 450 | Supracrustal rock 1.13-1.11 Ga |
| 451 | Sedimentary rock |
| 454 | Volcanic rock |
| 457 | Sedimentary rock |

| | |
|---|---|
| 460 | D-group intrusive rock (c. 1.1-0.9 Ga) |
| 600 | Neoproterozoic to Phanerozoic <1.0 Ga |
| 601 | Neoproterozoic 1.0-0.54 Ga |
| 602 | Rifeikum 1.60-0.650 Ga |
| 603 | Vendian 0.650-0.545 Ga |
| 604 | Vendian-Cambrian 0.650-0.495 Ga |
| 605 | Phanerozoic < 0.545 Ga |
| 606 | Palaeozoic 0.545-0.250 Ga |
| 607 | Early Palaeozoic 0.545-0.417 Ga |
| 608 | Cambrian 0.545-0.495 Ga |
| 609 | Early Cambrian 0.545-0.520 Ga |
| 610 | Middle Cambrian 0.520-0.500 Ga |
| 611 | Late Cambrian 0.500-0.495 Ga |
| 612 | Ordovician 0.495-0.440 Ga |
| 613 | Oeland (Early Ordovician) |
| 614 | Viru (Middle Ordovician) |
| 615 | Harju (Late Ordovician) |
| 616 | Silurian 0.440-0.417 Ga |
| 617 | Llandovery (Early Silur) 0.440-0.428 Ga |
| 618 | Wenlock (Middle Silurian) 0.428-0.423 Ga |
| 619 | Ludlow/Pridoli (Late Silurian) 0.423-0.417 Ga |
| 620 | Late Palaeozoic 0.417-0.250 Ga |
| 621 | Devonian 0.417-0.354 Ga |
| 622 | Carboniferous 0.354-0.292 Ga |
| 623 | Permian 0.292-0.250 Ga |
| 624 | Early Permian |
| 625 | Late Permian |
| 626 | Mesozoic 0.250-0.066 Ga |
| 627 | Triassic 0.250-0.205 Ga |
| 628 | Early Triassic 0.250-0.242 Ga |
| 629 | Middle Triassic 0.242-0.227 Ga |
| 630 | Late Triassic 0.227-0.205 Ga |
| 631 | Jurassic 0.205-0.142 Ga |
| 632 | Early Jurassic 0.205-0.180 Ga |
| 633 | Middle Jurassic 0.180-0.159 Ga |
| 634 | Late Jurassic 0.159-0.142 Ga |
| 635 | Cretaceous 0.142-0.066 Ga |
| 636 | Early Cretaceous 0.142-0-099 Ga |
| 637 | Late Cretaceous 0.099-0.066 Ga |
| 638 | Cenozoic < 0.066 Ga |

| | |
|---|---|
| 639 | Tertiary 0.066-0.002 Ga |
| 640 | Paleogene 0.066-0.024 Ga |
| 641 | Paleocene (Early Paleogene) 0.066-0.055 Ga |
| 642 | Oligocene (Late Paleogene) 0.034-0.024 Ga |
| 643 | Neogene 0.024-0.002 Ga |
| 644 | Miocene (Early Neogene) 0.024-0.005 Ga |
| 645 | Pliocene (Late Neogene) 0.005-0.002 Ga |
| 650 | Quaternary < 0.002 Ga |
| 660 | Cambrian-Ordovician 0.545-0.440 Ga |
| 661 | Sinian 0.800-0.545 Ga |
| 662 | Sturtian 0.800-0.650 Ga |
| 663 | Early Devonian 0.417-0.391 Ga |
| 664 | Middle Devonian 0.391-0.370 Ga |
| 665 | Late Devonian 0.370-0.354 Ga |
| 666 | Early Carboniferous 0.354-0.320 Ga |
| 667 | Late Carboniferous 0.320-0.292 Ga |
| 668 | Middle Permian |
| 669 | Eocene (Middle Paleogene) 0.055-0.034 Ga |
| 670 | Pridoli 0.419-0.416 Ga |
| 672 | Harju-Llandovery |
| 674 | Ludlow 0.423-0.419 Ga |
| 676 | Furongian 0.501-0.488 Ga |
| 678 | Cisuralian 0.299-0.270 Ga |
| 680 | Guadalupian 0.270-0.260 Ga |
| 682 | Lopingian 0.260-0.251 Ga |
| 684 | Pleistocene 1.8-0.0115 Ma |
| 686 | Holocene < 0.0115 Ma |
| 688 | Mississippian 0.359-0.318 Ga |
| 690 | Pennsylvanian 0.318-0.299 Ga |
| 692 | Ediacaran c. 0.630-0.542 Ga |
| 694 | Ediacaran-Cambrian c. 0.630-0.495 Ga |
| 700 | Paleoproterozoic rock east of MZ and west of PZ |
| 710 | Supracrustal rock (> c. 1.7 Ga?) |
| 720 | Intrusive rock (orthogneiss c. 1.7-1.6 Ga) |
| 721 | Intrusive rock (orthogneiss c. 1.7-1.6 Ga. probably of TMB origin) |
| 730 | Intrusive rock (c. 1.58-1.47 Ga) |
| 750 | Paleo- and Mesoproterozoic rock east of the MZ and west of the PZ |
| 800 | Meso- and Neoproterozoic rock east of the MZ and west of the PZ |

| | |
|---|---|
| 810 | Supracrustal rock c. 1.60 Ga |
| 824 | Intrusive rock (c. 1.4 Ga) |
| 850 | Paleo- to Mesoproterozoic c. 1.62-1.59 Ga |
| 852 | Paleoproterozoic c. 1.66-1.61 Ga |
| 854 | Paleoproterozoic c. 1.87-1.66 Ga |
| 856 | Paleoproterozoic c. 1.87-1.75 Ga |
| 858 | Paleoproterozoic c. 1.88-1.86 Ga |
| 860 | Paleoproterozoic c. 1.96-1.86 Ga |
| 862 | Paleoproterozoic c. 2.4-1.96 Ga |
| 864 | Paleoproterozoic c. 2.44 Ga |
| 866 | Paleoproterozoic c. 2.5-2.39 Ga |
| 868 | Meso- to Neoproterozoic 1.59-0.92 Ga |
| 870 | Mesoproterozoic 1.6-1.0 Ga |
| 872 | Mesoproterozoic 1.13-1.11 Ga |
| 900 | Paleo- to Mesoproterozoic 2.5-1.0 Ga |
| 901 | Intrusive rock c. 2.4-1.96 Ga (Karelian) |
| 902 | Intrusive rock GDG c. 1.87-1.82 Ga |
| 903 | Supracrustal rock 1.86-1.82 Ga |
| 904 | Supracrustal rock c. 1.82-1.78 Ga |
| 905 | Intrusive rock GDG c. 1.81-1.76 Ga |
| 906 | Supracrustal rock c. 1.71-1.69 Ga |
| 907 | Intrusive rock GDG c. 1.73-1.66 Ga |
| 908 | Intrusive rock GDG c. 1.87-1.66 Ga |
| 909 | Intrusive rock GDG c. 1.87-1.76 Ga |
| 910 | Intrusive rock GDG c. 1.81-1.66 Ga |
| 911 | Supracrustal rock c. 1.66-1.61 Ga |
| 912 | Intrusive rock GDG c. 1.62-1.59 Ga |
| 913 | Intrusive rock c. 1.53-1.45 Ga |
| 914 | Intrusive rock c. 1.46-1.29 Ga |
| 915 | Intrusive rock c. 1.27-1.20 Ga |
| 916 | Intrusive rock c. 1.59-1.20 Ga |
| 917 | Intrusive rock c. 1.20-1.17 Ga |
| 918 | Intrusive rock c. 1.00-0.92 Ga |
| 919 | Intrusive rock c. 1.20-0.92 Ga |
| 920 | Intrusive rock c. 1.59-1.53 Ga |
| 921 | Intrusive rock c. 1.59-0.92 Ga |
| 922 | Terreneuvian 0.542-0.521 Ga |
| 923 | Cambrian Serie 2 0.521-0.510 Ga |
| 924 | Cambrian Serie 3 0.510-0.499 Ga |
| 925 | Precambrian 4.60-0.542 Ga |

| | |
|---|---|
| 926 | Hadean (informal)  4.60-4.00 Ga |
| 927 | Eoarchean 4.00-3.60 Ga |
| 928 | Paleoarchean 3.60-3.20 Ga |
| 929 | Mesoarchean 3.20-2.80 Ga |
| 930 | Neoarchean 2.80-2.50 Ga |
| 931 | Neoarchean 1 2.80-2.65 Ga |
| 932 | Neoarchean 2 2.65-2.50 Ga |

Domain: tekt_lx

| tect | tect_unit |
|---|---|
| 0 | Unknown |
| 87 | Caledonian Orogen |
| 337 | Svecokarelian Orogen |
| 346 | Post-Svecokarelian, Proterozoic rocks |
| 368 | Blekinge-Bornholm orogen |
| 378 | Sveconorwegian Orogen |
| 394 | Neoproterozoic and Phanerozoic platformal cover and igneous rocks |

Domain: tekt_sub_lx

| tect_sub | tect_subunit |
|---|---|
| 0 | unknown |
| 72 | Seve Nappe Complex |
| 79 | Köli Nappe Complex |
| 86 | Rödingsfjället Nappe Complex |
| 346 | Post-Svecokarelian, Proterozoic rocks |
| 368 | Blekinge-Bornholm orogen |
| 387 | Eastern Segment, upper unit |
| 388 | Eastern Segment, middle unit |
| 389 | Eastern Segment, lower unit |
| 390 | Idefjorden Terrane |
| 394 | Neoproterozoic and Phanerozoic platformal cover and igneous rocks |
| 1749 | Jämtlandian, Offerdal and Särv Nappes |
| 1750 | Överkalix lithotectonic unit |
| 1751 | Norrbotten lithotectonic unit |
| 1752 | Bothnia-Skellefteå lithotectonic unit |
| 1753 | Ljusdal lithotectonic unit |

| | |
|---|---|
| 1754 | Bergslagen lithotectonic unit |
| 1755 | Småland lithotectonic unit |