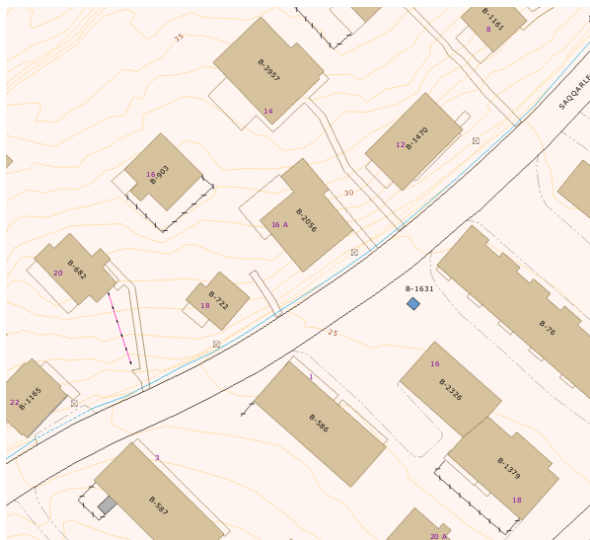


PRODUCT DESCRIPTION:

ASIAQ's BASEMAP



DESCRIPTION



Basemap is the term for the map database covering the Greenlandic towns and settlements. This 3D technical/topographic vector map reflects and describes physical objects in the terrain, and contains information about place names and master data.

The Basemap is a vector dataset comprising various objects and geometries (point, line or polygon) with associated attributes. The Basemap contains objects within the categories buildings, traffic, urban infrastructure, land cover, land use, hydrology, technical facilities and more. For example, buildings are classified into the object types building, annex and bus shelter. Buildings are also assigned an independent building number (B-number). Asiaq updates the B-numbers in the Basemap according to reports submitted by the municipalities.

The Basemap also contains surface geology data and elevation data, including a digital terrain model (DTM) and elevation curves.

Map objects in the Basemap are topologically constructed, which ensures a fixed data structure in the database. The technical basis of the Base-

map is well-defined and well-documented, and complies with clear quality targets regarding the established specifications. This ensures uniform registration and mapping, as well as a common geographical reference basis.

PURPOSE AND APPLICATION

The Basemap is highly accurate and contains detailed data on topographical objects, making it suitable for use as a background map and in connection with digital administration and planning tasks. The map can be used for: land planning, land management, raw material exploration, nature conservation, planning and construction of facilities and infrastructure, transport and logistics, emergency response, outdoor recreation, tourism, etc. The data is also used in connection with research on nature, environment, climate, culture and history.

The Basemap can be used in combination with your own data, and is particularly suitable as the basis for planning construction works. The technical Basemap is also the foundation of geographical information systems such as NunaGIS, and is used as an overview map.

DATA QUALITY

The Basemap covers all Greenlandic towns and settlements, and is based on data from vertical aerial photos of the terrain taken from aircraft. Asiaq updates the Basemap based on data from a variety of sources, including reports from public authorities and businesses, RTK_GNSS (GPS) data on terrain, and aerial photo data (photogrammetry). The Basemap is updated according to an established updating strategy with a recurring rotation.

The Basemap can be used at a scale of 1:500. For well-defined points, data in the Basemap has a horizontal accuracy of 0.05 metres and a vertical accuracy of 0.10 metres.

List of locations where Asiaq updates the Basemap: [Click here for list of locations](#)

BASEMAP THEMES

Overview of themes and objects in the Basemap:

Click on this link: [Contents of the Basemap](#)

SPECIFICATIONS / PRODUCT DESCRIPTION

The Basemap is part of the free and open geodata, which means that Basemap data for all inhabited towns and settlements in Greenland is freely available at no cost.

Format: SHP, GDB, TAB, DGN, DWG, PDF

Reference system: GR96

Coordinate system: All data is located in local UTM zones: zone 19, zone 20, zone 21, zone 22, zone 23, zone 24 and zone 27

Distribution of data: Free data

Services: NunaGIS.gl

CONTACT

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