



NAALAKKERSUISUT
GOVERNMENT OF GREENLAND



Grønlandsportalen

www.greenmin.gl

Mikael Pedersen, Leder af GIS-Sektionen, GEUS

Baggrund

- GEUS er national geologisk datacenter og ligger inde med store datasamlinger fra Grønland.
- GEUS og Ministeriet for Mineralressourcer i Grønland har i mange år arbejdet sammen om at generere data og stille disse til rådighed for mineralefterforskningsfirmaer.
- Grønlandsportalprojektet startede i 2011 og første version af Grønlandsportalen blev lanceret ved PDAC i Toronto i 2012.
- Siden da har projektet fortsat med henblik på:
 - o Yderligere digitalisering (nye datatyper og supplement til eksisterende)
 - o QC af eksisterende data
 - o Udvikling af ny funktionalitet
- En moderniseret version blev lanceret ved PDAC i 2015.
- Grønlandsportalen er en guldgrube af data og information og har mange andre anvendelser end mineralefterforskning .

www.greenmin.gl

GREENLAND MINERAL RESOURCES PORTAL

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The Greenland Mineral Resources Portal is an entry point to all available information about mineral resources in Greenland. It gives mineral exploration companies, scientists and other interested parties access to data, reports, maps and scientific background information about the geology of Greenland.

Interactive GIS-map of Greenland

The GIS map allows searches in several databases, filtered by geographical position. You can inspect and download search results straight away as metadata and pdf-files. Data downloads are available from the web shop.

ACCESS TO DATA

Available data (GIS map and web shop)

- Company reports & GEUS survey publications
- Descriptions of mineral occurrences, intrusions and magmatic complexes
- Airborne geophysical survey coverage
- Stream sediment geochemistry
- Ujarassiorit mineral hunt samples
- Digital geological map (1: 500 000)
- Georeferenced geological map sheets (1: 100 000)

[QUICK GUIDE](#)

Announcements

2016-04-12: **New Geochronology Database** [read more...](#)

2016-03-04: **New Map viewer** [read more...](#)

2014-02-28: **Aeromag 2013 - Data freely available** [read more...](#)

2014-01-31: **New results from North Greenland added to the Zinc data Package** [read more...](#)

2013-11-27: **Aeromag 2013 survey completed in South-East Greenland** [read more...](#)

2013-03-01: **Aeromag 2012 - Data freely available** [read more...](#)

2012-11-15: **Aeromag 2012 - EON Geosciences Ltd has begun delivery of the aeromagnetic survey of South-East Greenland** [read more...](#)

2012-06-20: **Aeromag 2012 - aeromagnetic survey operations over SE Greenland started** [read more...](#)

2012-05-09: **SE Greenland aeromagnetic survey to start in May - EON Geoscience Ltd is the operator** [read more...](#)

2012-03-05: **Greenland Mineral Resources Portal was officially launched for the public today** [read more...](#)

2012-02-23: **Tender for airborne magnetic survey in South-East Greenland has been announced** [read more...](#)

Geoscientific databases and maps

For detailed information go to geoscientific databases to get in-depth answers to your questions.



Licence, Laws, Directives

The following links provide information about obtaining mineral licences and the laws and guidelines

Mineral Occurrence Poster



Grønlandsportalen

**Grønlandsportalen**

NAALAKKERSUISUT
GOVERNMENT OF GREENLAND



Pan

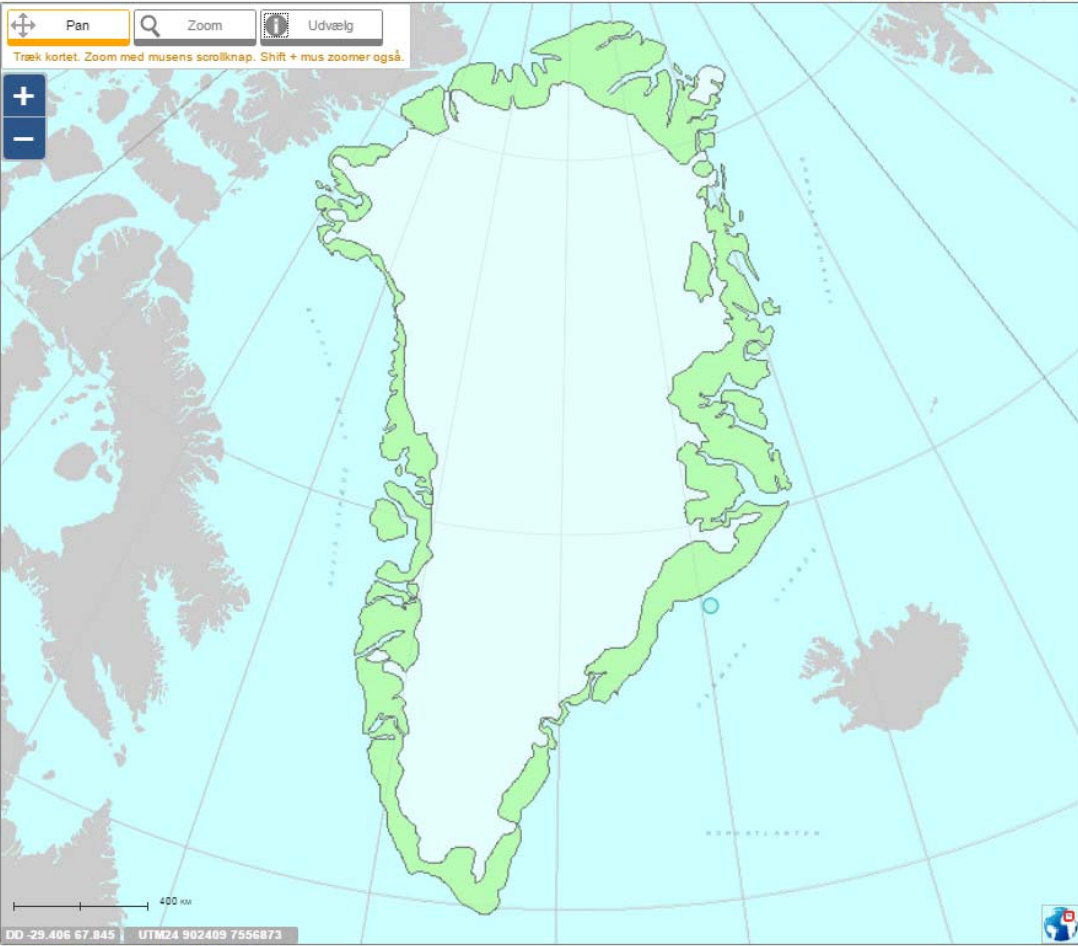
Zoom

Udvælg

Træk kortet. Zoom med musens scrollknop. Shift + mus zoomer også.

+

-



DD -29.406 67.845 UTM24 902409 7556873

[Brugerbetingelser](#) [WMS/WFS](#) [Funktioner...](#)



[Nulstil](#) [Nulstil zoom](#) [Gå til sted](#)



Brug * for søgning i ord - fx. "xxx"

Grønlandsportalen

Udforsk ressourcer og geovidenskabelige data for Grønland.
Kort og data kan bestilles/købes via [webshop](#).

Mineraler

[Tænd/sluk alle lag](#)

☐ Mineralforekomster ▸
☐ Intrusioner ▸
☐ Mineral-vurderingsområde ▸

Rapporter

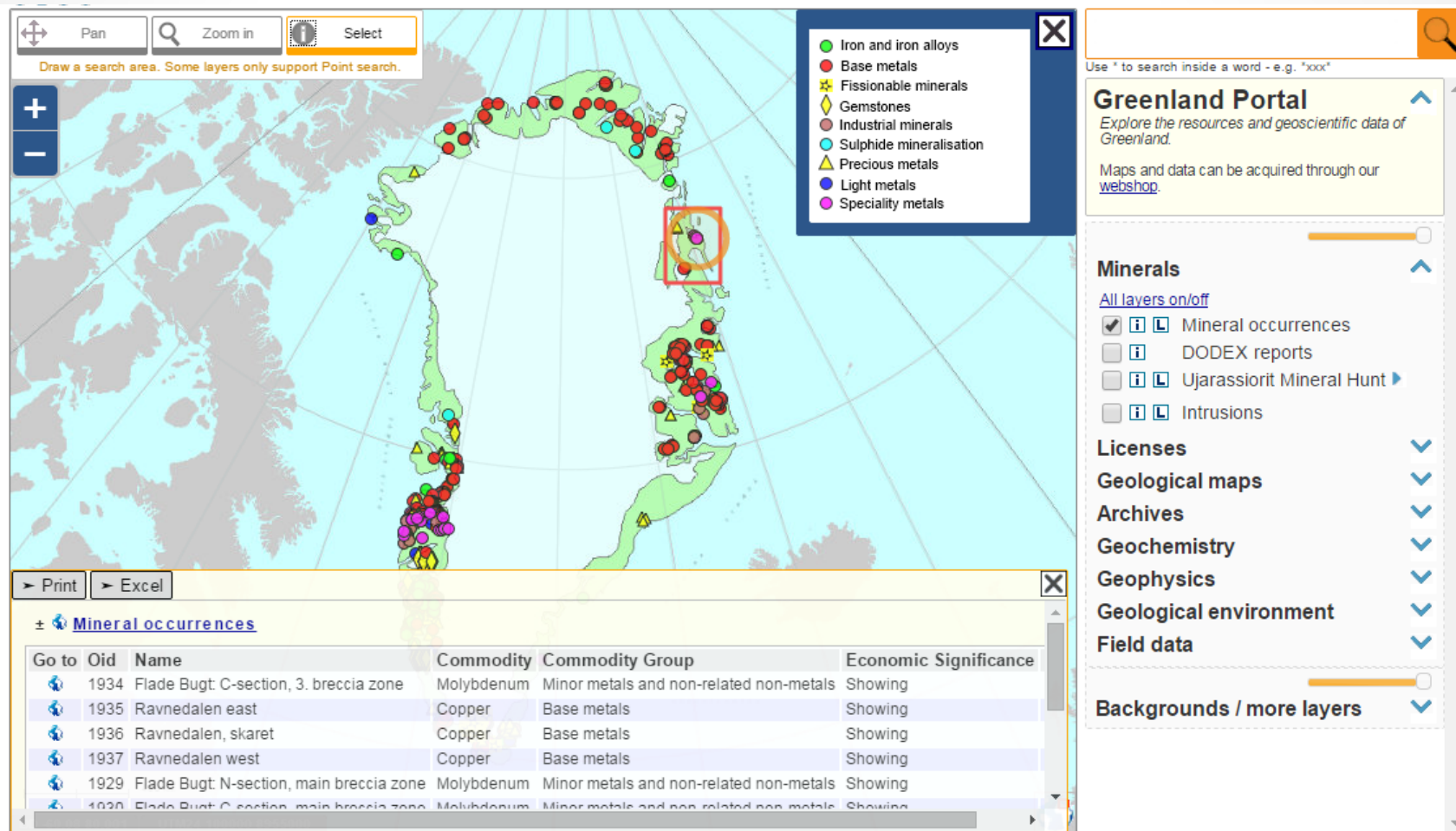
☒ **Licenser**
Geologiske kort - digitale
Geologiske kort - skannet
Geokemi
Geofysik
Geokronologi
Borekerner
Geografi
Foto
Geologiske miljøer
Feltdata
Datakompileringer

Baggrund / himmel

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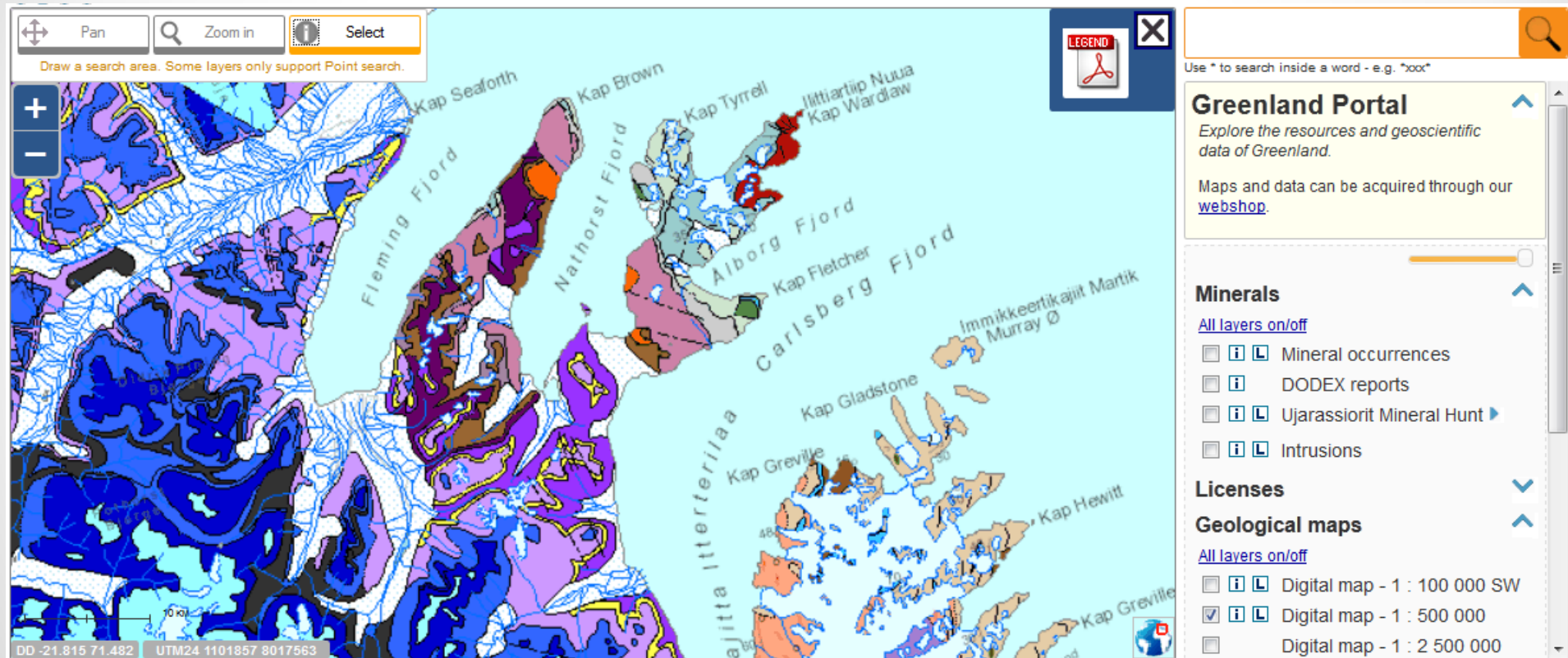
Dataindhold

Mineralforekomster (GMOM)



Dataindhold

Digitale Geologiske Kort

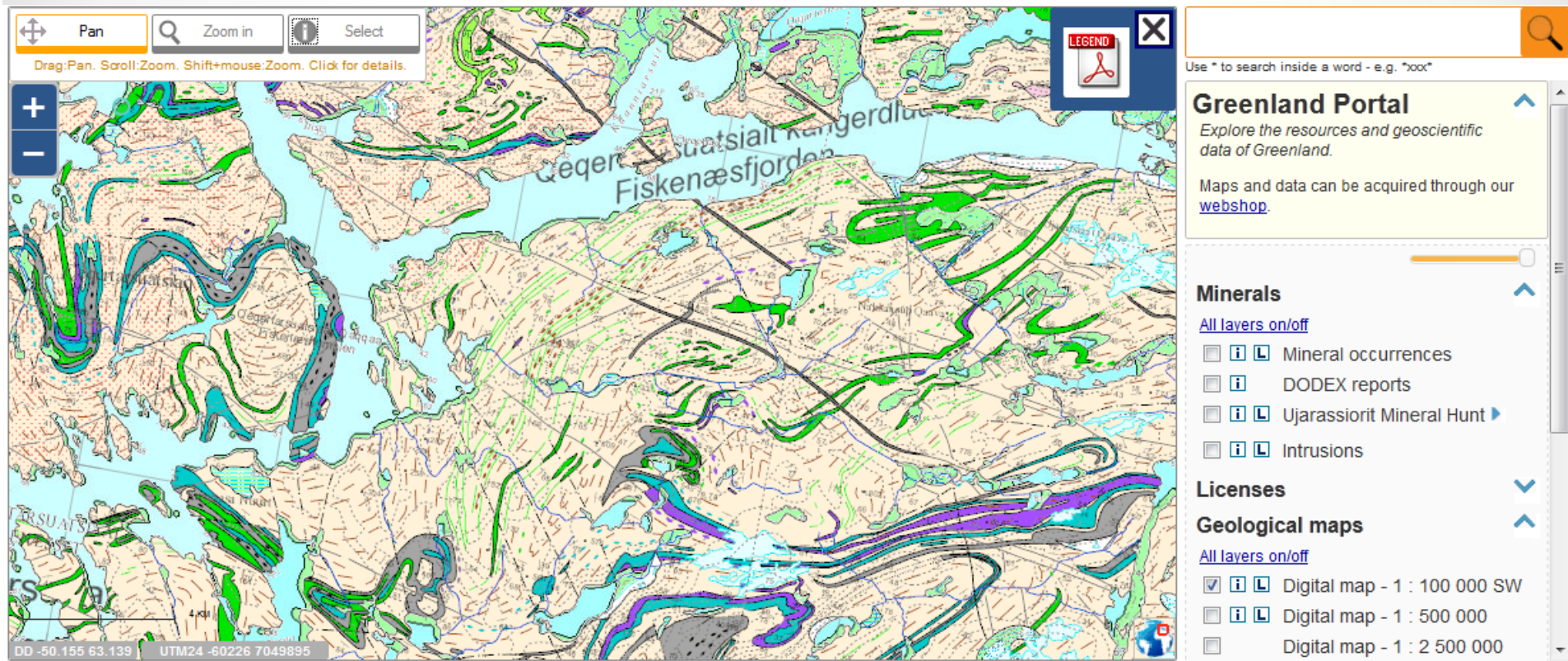


1: 500 000 – Sømløst kort over hele Grønland.

• Kan også downloades gratis fra webshoppen!

Dataindhold

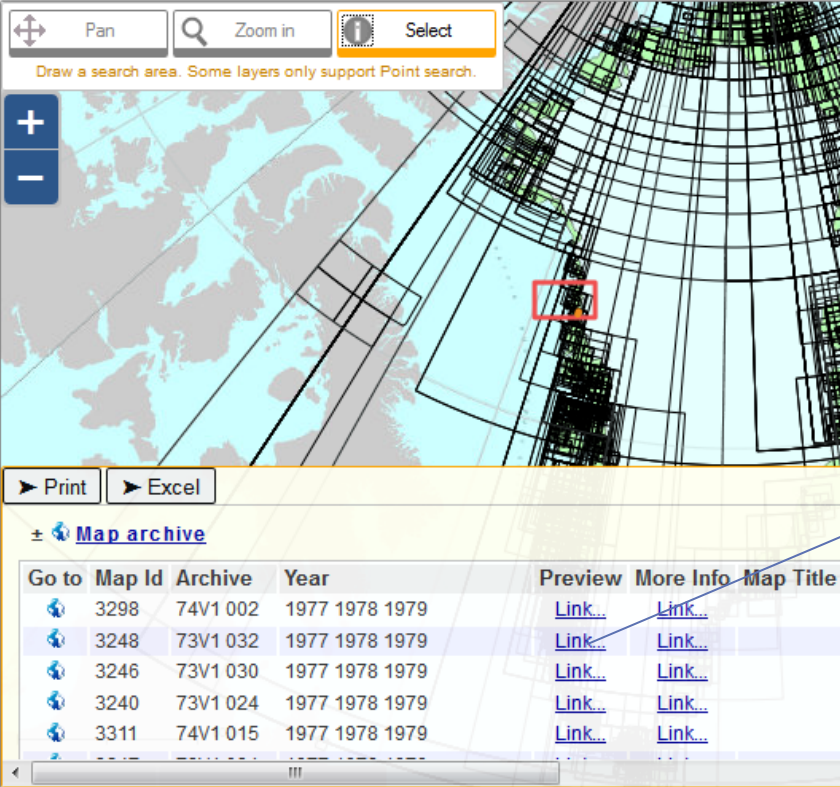
Digitale Geologiske Kort



1: 100 000 – Sømløst kort fra SV-Grønland

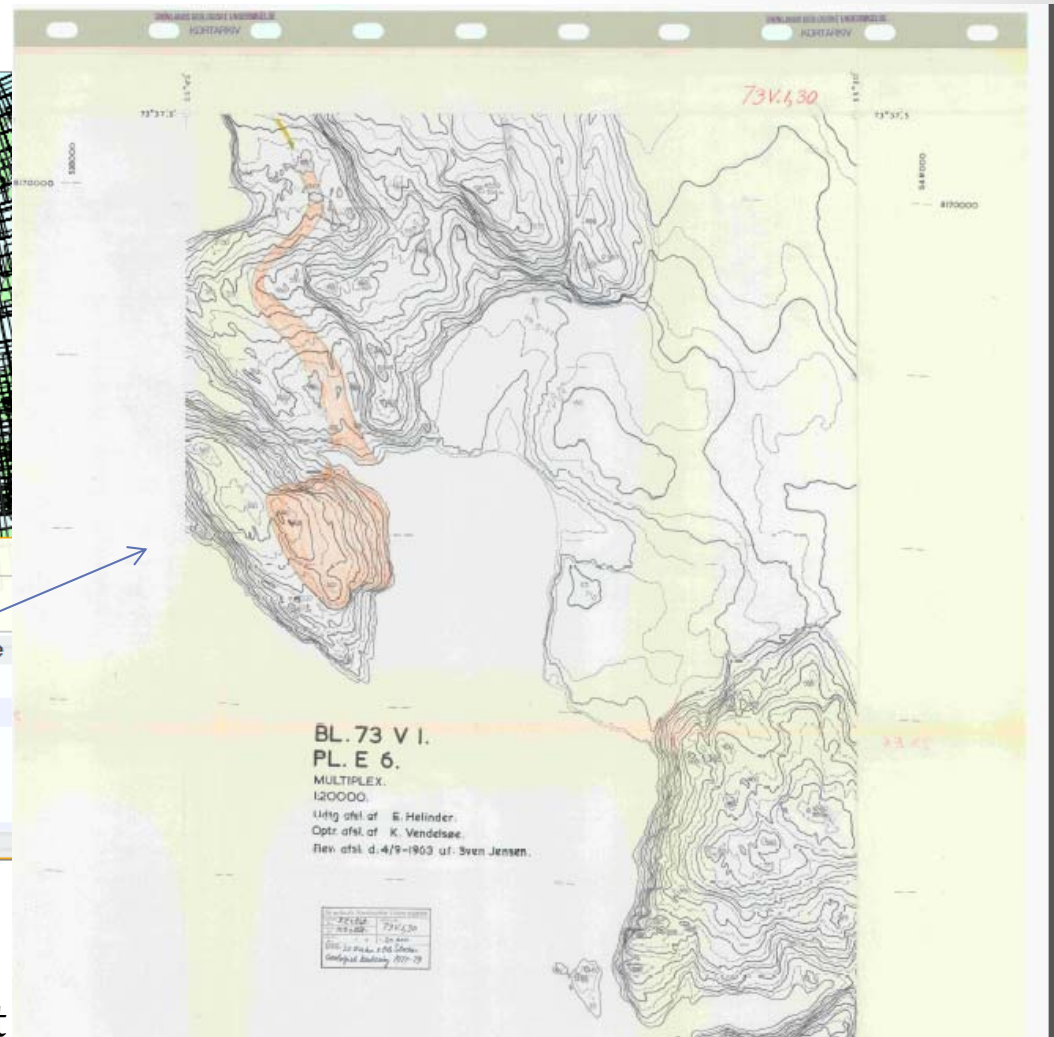
Dataindhold

Scannede Geologiske Kort



Map archive interface showing a map view and a table of map data. The map view displays a grid overlay on a topographic map. The table lists map entries with columns for Go to, Map Id, Archive, Year, Preview, More Info, and Map Title.

Go to	Map Id	Archive	Year	Preview	More Info	Map Title
Link...	3298	74V1 002	1977 1978 1979	Link...	Link...	
Link...	3248	73V1 032	1977 1978 1979	Link...	Link...	
Link...	3246	73V1 030	1977 1978 1979	Link...	Link...	
Link...	3240	73V1 024	1977 1978 1979	Link...	Link...	
Link...	3311	74V1 015	1977 1978 1979	Link...	Link...	



Adgang til GEUS' kortarkiv.

- Publicerede og ikke-publicerede kort
- De fleste tilgængelige som pdf (evt. Georef.)

Dataindhold

Skråfoto fra Nordgrønland

**Greenland Portal**



Reset Reset zoom Go to location

Drag:Pan. Scroll:Zoom. Shift+mouse:Zoom. Click for details.

Print Excel

Oblique scene

Go to	Photo Id	Photo Ident	Colors	Google Earth	Image
	36118	NH-1984-b-002-014	bw	Link...	Link...
	38790	NH-1984-c-001-019	color	Link...	Link...

Terms of use WMS/WFS Tools...

Use * to search inside a word - e.g. "xxx"

Greenland Portal



Explore the resources and geoscientific data of Greenland. Maps and data can be acquired through our [webshop](#).

Minerals

[All layers on/off](#)

- ☐ Mineral occurrences
- ☐ Intrusions
- ☐ Mineral Assessment Tracts

Reports

Licences

Geological maps - digital

Geological maps - scanned

Geochemistry

Geophysics

Geochronology

Drill Cores

Geography

Photography

[All layers on/off](#)

- ☒ Oblique scene
- ☐ Vertical photos (© GST)



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Dataindhold

Lodfoto fra hele Grønland

Greenland Portal

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GOVERNMENT OF GREENLAND

GEUS

Reset Reset zoom Go to location

Drag: Pan. Scroll: Zoom. Shift+mouse: Zoom. Click for details.

Use * to search inside a word - e.g. "xxx"

Explore the resources and geoscientific data of Greenland. Maps and data can be acquired through our [webshop](#).

Minerals

[All layers on/off](#)

☐ Mineral occurrences ▶

☐ Intrusions ▶

☐ Mineral Assessment Tracts ▶

Reports

☐ Reports ▶

Licences

Geological maps - digital

Geological maps - scanned

Geochemistry

Geophysics

Geochronology

Drill Cores

Geography

Photography

[All layers on/off](#)

☐ Oblique scene ▶

☒ Vertical photos (© GST) ▶

[Description](#)

Print Excel

± Vertical photos (© GST)

Go to	Photoid	Fileno	Photo Ident	Col	Scenepx	Scenepy	High Res
Link...	46162	1	P0878F1843	bw	Link...	803951 7581648	Link...

Preview Low-Res Full opløsning

Terms of use WMS/WFS Tools...

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Dataindhold

Geofysiske Data

The screenshot displays the Dataindhold Geofysiske Data web application. The main map shows a geographical area with various colored overlays. The interface includes several panels and controls:

- Map Controls:** Located at the top left, featuring a Pan button, a Zoom in button, and a Select button. Below these is a legend for the map's symbology.
- Map:** The central area showing a map of a coastal region with various colored overlays representing different data layers.
- Geophysical surveys for sale:** A table listing surveys with columns for 'Go to', 'Details', 'Survey Acronym', and 'Geophysical Methods'. The table lists several surveys, including Aeromag 1992, Aeromag2012, Aeromag 2013, Aeromag 1996, Aeromag 2001, and Aeromag 1998.
- Info Panel:** A panel on the right side of the map showing details for the selected survey. It includes sections for 'Survey Methods' (Magnetic) and 'Survey Reports' (Final report).
- Filter Panel:** A panel on the far right with a search bar and a list of filters. The 'Geophysical surveys for sale' filter is checked. The 'Survey' field is set to 'aeromag' and the 'Method' field is set to 'Frequency domain EM/apparent resistivity'.

Go to	Details	Survey Acronym	Geophysical Methods
		Aeromag 1992	Magnetic
		Aeromag2012	Magnetic
		Aeromag 2013	Magnetic
		Aeromag 1996	Magnetic
		Aeromag 2001	Magnetic
		Aeromag 1998	Magnetic

Info Panel:

Survey Methods

Magnetic

Equipment Geometries G-822A

Description Optically pumped cesium split-beam magnetometer

Survey Reports

Final report Barnes, G.B.: Qaqaarsuk Exploration Licence. Internal report New Millennium Ressources NL, 27 pages, 6 appendices, 2 plates.. [more...](#)

Filter Panel:

Use * to search inside a word - e.g. "xxx"

All layers on/off

- ☐ Map archive
- ☐ Profiles
- ☐ Oblique scene
- ☐ Vertical photos (© GST)
- ☐ Placenames

Geochemistry

Geophysics

All layers on/off

- ☒ Geophysical surveys for sale

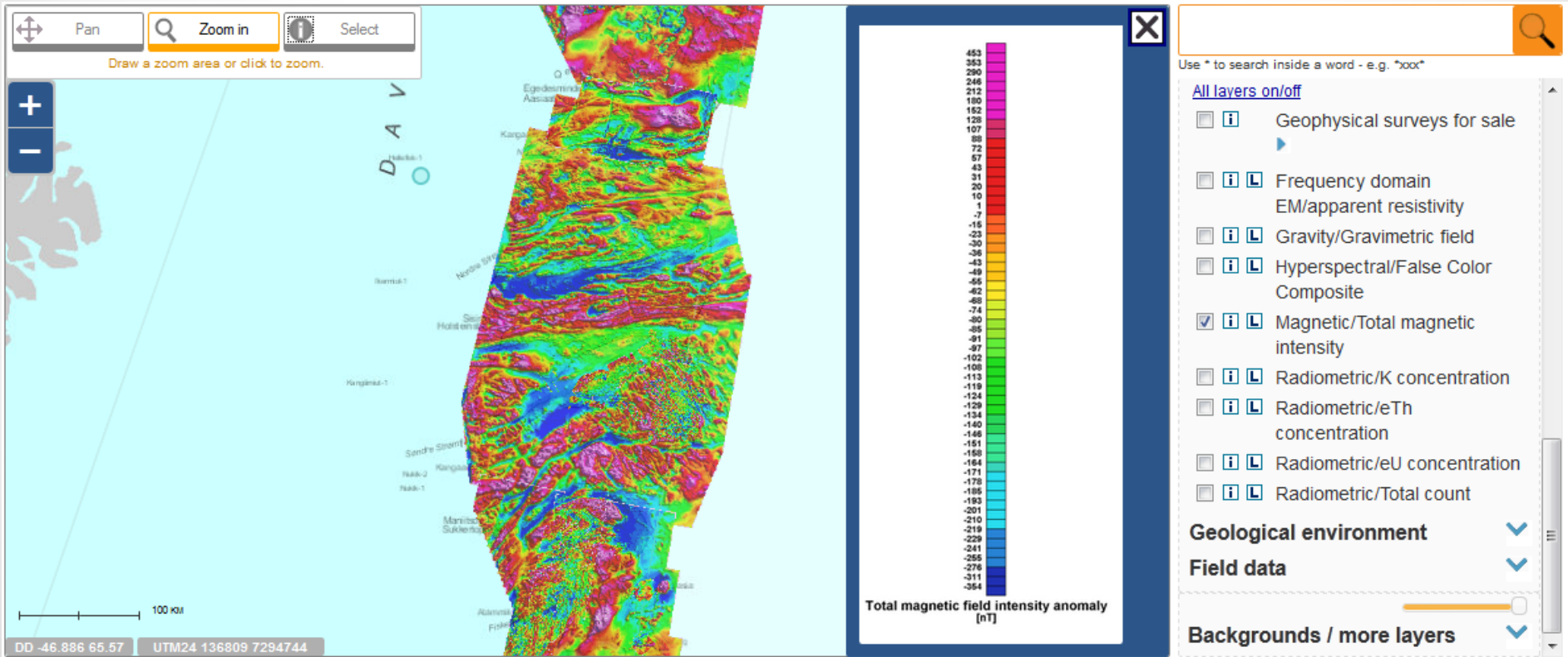
Filter [Reset](#) [Update](#)

Survey:

Method:

Datainhold

Geofysiske Data



Dataindhold Geokemiske Data

Geochemical Sample

SampleNo	ggu 381948
Original sample id	135562
Longitude	-51.7758
Latitude	65.63361
Sampletype	SS
Collector	Steenfelt, Agnete
Year	1993
Map sheet	--

Analyses

Batch No 4	
Batch No	4
Laboratory	Activation Laboratories Ltd.
Analysis Description	Instrumental Neutron Activation Analyses
Method abbreviation	INA
Sample preparation	NON
Number of subsamples	1

Trace elements in Batch No 4

Ag [ppm]	0
As [ppm]	0
Au [ppb]	10
Ba [ppm]	370
Br [ppm]	0
Ce [ppm]	42
Co [ppm]	30
Cr [ppm]	270
Cs [ppm]	0
Eu [ppm]	1
Hf [ppm]	9
Hg [ppm]	0
Ir [ppb]	0

Oxides in Batch No 4

CaO [wt%]	7,0
Na ₂ O [wt%]	5,0

Stream sediment samples

Go to	Details	Sample Number	Sample Type	Collector	Co
		ggu 381948	Stream Sediment	Steenfelt, Agnete	19
		ggu 381948	Stream Sediment	Steenfelt, Agnete	19

Minerals

[All layers on/off](#)

- ☐ Mineral occurrences
- ☐ DODEX reports
- ☐ Ujarassiorit Mineral Hunt ▶
- ☐ Intrusions

Licenses

Geological maps

Archives

Geochemistry

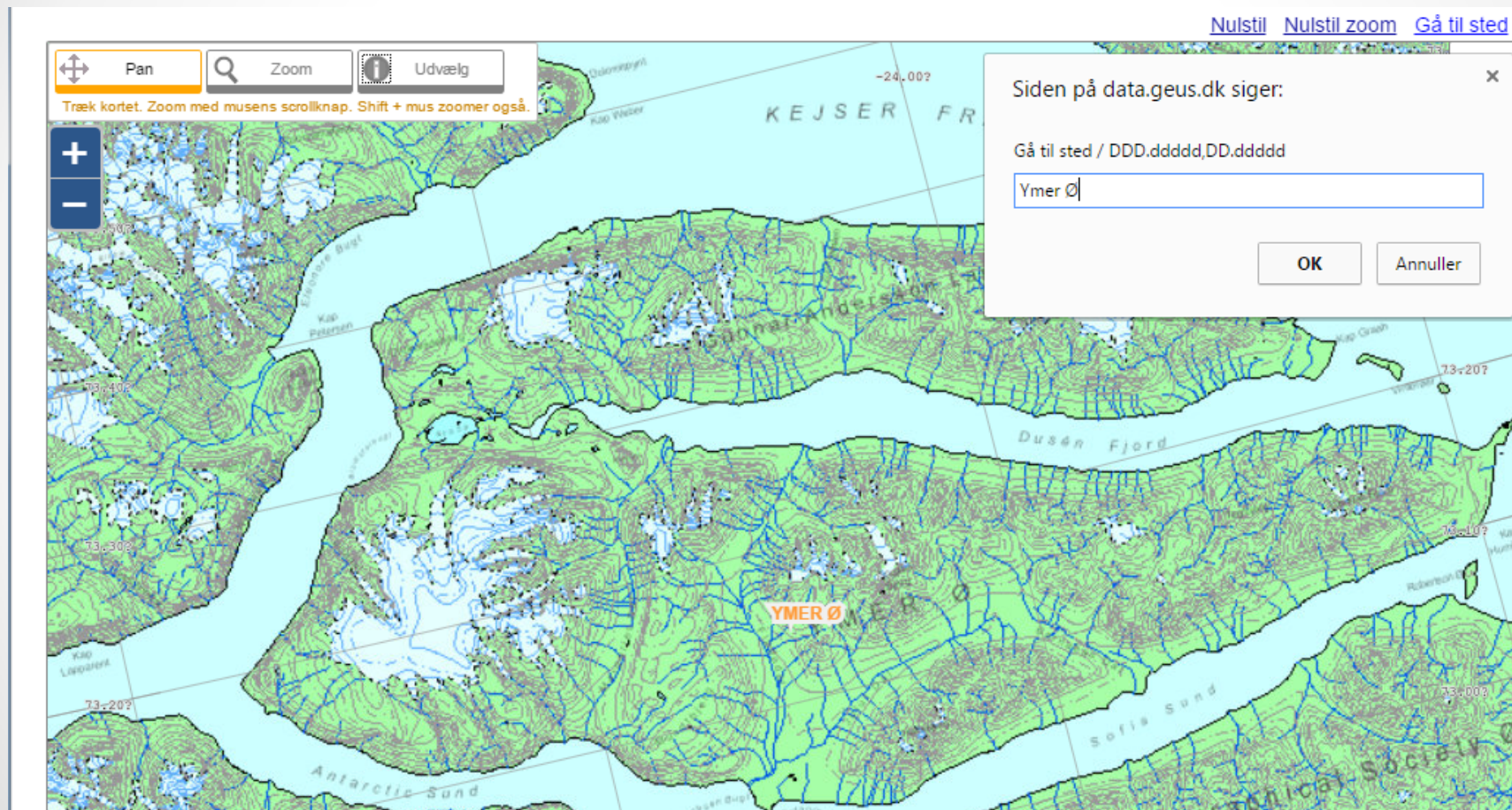
[All layers on/off](#)

- ☒ Stream sediment samples
- ☐ Scree sediment samples
- ☐ Soil samples

Geophysics

Geological environment

Find et sted



Find Informationer (Selskabsrapporter)

GEUS

Reset Reset zoom Go to location

Pan Zoom in Select

Drag-Pan: Scroll-Zoom: Shift+mouse-Zoom: Click for details.

Reports

Report (center point)

Greenland Portal

Explore the resources and geoscientific data of Greenland. Maps and data can be acquired through our [webshop](#).

Minerals

All layers on/off

☐ Mineral occurrences

☐ Intrusions

☐ Mineral Assessment Tracts

Reports

☒ Reports

Description Legend

Filter

Report type:

Licences

Geological maps - digital

Geological maps - scanned

Geochemistry

Geophysics

Geochronology

Drill Cores

Geography

Photography

Geological equipment

Info

Report

Title	Gold-antimony exploration at Noa Dal on Ymer Ø, East Greenland in 1992. Internal report, Nunaoil A/S. 22 pp., 5 app., 3 plates.
Report type	Company report
Authors	Pedersen, J.
Report file number	21299
Publication year	1993
Release date	93-01-01
Author company name	Unknown

Print Excel

Reports

Go to Details Report Type Title

Company report	Gold-antimony exploration at Noa Dal on Ymer Ø, East Greenland in 1992. Internal report, Nunaoil A/S...
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Terms of use WMS/WFS Tools...

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Link til download af rapport

Webshop



Greenland Portal Web Shop

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[Home](#) | [Search](#) | [Register](#) | [Login](#) |

Agatdal 70 V.1 Nord

Agatdal 70 V.1 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Agpat 70 V.2 Nord

Agpat 70 V.2 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Agto 67 V.1 Nord

Agto 67 V.1 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Ataa 69 V.3 Nord

Ataa 69 V.3 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Bjørnesund 62 V.1 Nord

Bjørnesund 62 V.1 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Buksefjorden 63 V.1 Nord

Buksefjorden 63 V.1 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



DKK 0.-
VAT excl.



Carlsberg Fjord 71 Ø.1 Syd

Carlsberg Fjord 71 Ø.1 Syd - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



Charcot Land 71 Ø.4 Nord

Charcot Land 71 Ø.4 Nord - Geological map of Greenland 1:100 000 Georeferenced scanned map in tiff-format



Digital geological map 1: 500 000 (ArcGIS)

ArcGIS map package containing the digital geological map of Greenland in 1: 500 000.



Stednavne-Portalen

<http://data.geus.dk/stednavnedb>

[Place Names](#) | [About this](#) | [Index](#)



Place names of northern East Greenland

GEUS



Pan



Zoom in



Point search



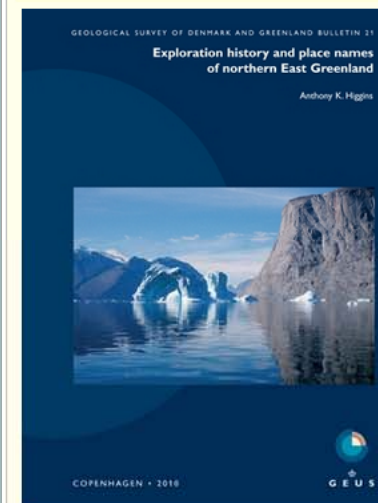
DD -23.710, 70.895 UTM27 401038, 7867861

[Reset zoom](#) [Change map content](#) [Reference map](#) [Legend](#)



Welcome to the interactive edition of Anthony K. Higgins' "Exploration history and place names of northern East Greenland".

For description of a place name, click on the map or do a keyword search above.



Download the publication: [PDF](#) | [HTML](#)

Stednavne-Portalen

[Place Names](#) | [About this](#) | [Index](#)



Place names of northern East Greenland

GEUS

[Pan](#) [Zoom in](#) [Point search](#)

Ella Ø 72°49 (72°51.0'N 25°03.0'W; Maps 3, 4) Large island at the mouth of Kempe Fjord, inner Kong Oscar Fjord (Figs 8, 29). Named by the 1899 Swedish East Greenland expedition led by A.G. Nathorst as **Ellas Ø**, after his wife Amy Rafaela (Ella) Windahl [1858-1936]. (Ella Island, Ella-øya, Ellainsel.)

Aage de Lemos Dal 72°0-92 (72°46.1'N 24°06.9'W; Map 4) Valley on NW Ymer Ø. The name was suggested by Ove Simonsen in 1983, and given for Aage de Lemos. A long-serving member of Lauge Koch's geological expeditions, he was telegraphist from 1931 to 1942, station leader on **Ella Ø** 1933-42 and equipment chief 1947-59. He was a member of the Sledge Patrol in 1941-42, and was sometimes referred to as the ?King of Ella Ø. De Lemos wintered at the station on Ella Ø for a longer period than anyone else, made many climbs around Ella Ø, and surveyed the skerries in Vega Sund.

Kap Harry 72°0-53 (72°46.5'N 24°52.3'W; Map 4) SE cape of **Ella Ø**. Named by the 1899 Swedish East Greenland expedition led by A.G. Nathorst's, probably after Nathorst's son Harry Johan Hjalmar Nathorst [1882-1938], who became a mining engineer. Many features in the vicinity were named by Nathorst after members of his family. (Cape Harry.)

Kong Oscar Fjord [Kangerluk Kong Oscar] 72°0-54 (72°22.0'N 24°00.0'W; Maps 3, 4, 5) Major fjord 10-25 km in width, bounded by Traill Ø and Geographical Society Ø to the east, and **Ella Ø**, Lyell Land and the Stauning Alper to the west (Fig. 78). Named by the 1899 Swedish East Greenland expedition led by A.G. Nathorst as Kong Oscars Fjord after Oscar II [1829-1907], King of Sweden from 1872 to 1907 and a supporter of the expedition. White

[Reset zoom](#) [Change map content](#) [Reference map](#) [Legend](#)

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Stednavne-Portalen

[Place Names](#) | [About this](#) | [Index](#)



Place names of northern East Greenland

GEUS

Pan Zoom in Point search

Map showing place names of northern East Greenland, including Maria Ø, Sveve, Kap Elisabeth, Kap Buxtorf, Kap Ailred, Kap Harry, and Narhvalsund. The map includes a search bar, zoom controls, and a legend.

Ella Ø

[Hide additional names](#)

Kap Elisabeth 72°0-52 (72°54.3'N 24°48.5'W)
NE cape of Ella Ø. Named by the 1899 Swedish East Greenland expedition led by A.G. Nathorst, probably after Nathorst's daughter Elisabeth Jane [b. 1885]. The Norwegian hunting station 3 km south of the cape is known as Maristua. (Kap Elisabeth.)

Download the publication: [PDE](#) | [HTML](#)

Fremtidige datasæt

- Satellit-scener (Aster)
- Flere fly-foto
- Højdemodeller
- Ortofoto
- Kulturelle data (fra Asiaq)
- Etc.

Vi er altid interesseret i feedback og gode ideer!

Tak for opmærksomheden!

Web adresse: www.greenmin.gl.

