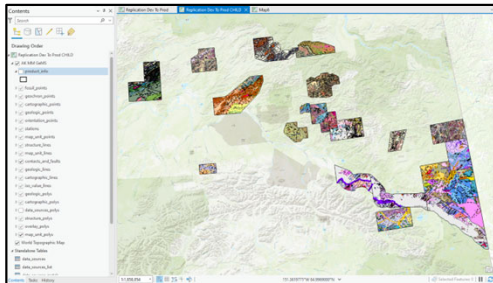
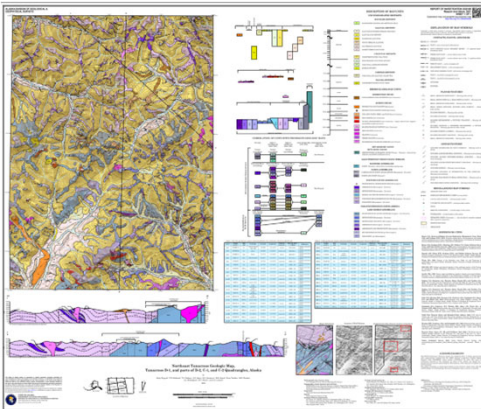
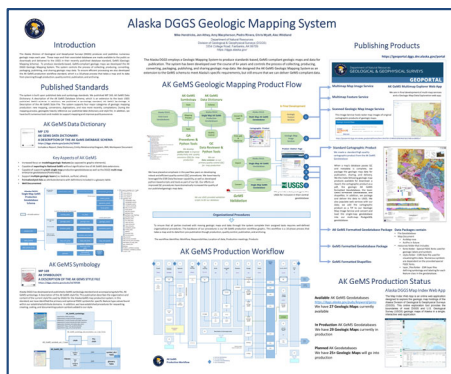


# AK GeMS Geologic Mapping System

*Efficiently Creating and Disseminating  
Standards Based  
Geologic Map Data*



## Poster View of System



**Mike Hendricks, Amy Macpherson, Ally Steinleitner, Pedro Rivera, Chris Wyatt,  
Simone Montanye and others**

**Alaska Division of Geological & Geophysical Surveys  
3354 College Rd, Fairbanks AK 99709**



<https://doi.org/10.2561/041975>

# Agenda

- What is the Alaska Geologic Mapping System?
- What is the GEologic Mapping Schema (GeMS)?
- How to find, view, and access what is available
- So, I downloaded an AK GeMS Database, now what?

# DGGS Publications in 2025 & 2026

- Since Jan 2025 DGGS has published 112 new geologic reports, maps, and datasets  
<https://dggs.alaska.gov/pubs/newreports>.
- Highlights of 2025 include
  - 5 geophysical datasets (<https://maps.dggs.alaska.gov/gp>)
  - 14 Maps
    - 3 community landslide hazards maps
    - Tsunami Inundation map of False Pass, Alaska
    - Statewide landslide susceptibility map
    - **Statewide minerals resource map**
    - **8 geologic maps covering 4,013.58 Sq Miles**

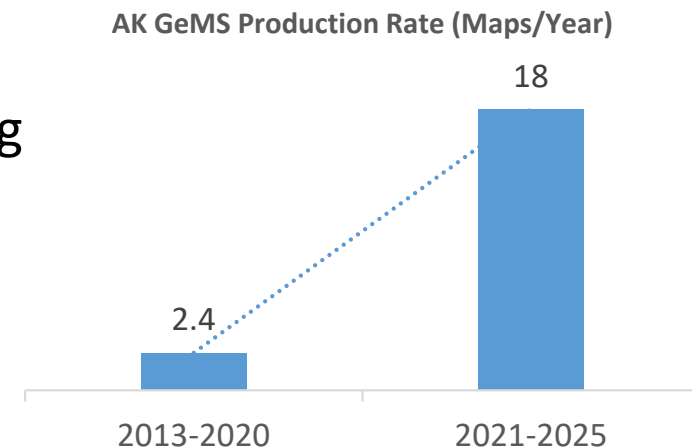
What is the AK GeMS  
Geologic Mapping System?

# Alaksa Geologic Mapping System

- A **modernized system** that controls the process of: *collecting, producing, converting, packaging, publishing, and sharing* geologic map data.
- The system is built by an **integrated team of professionals** that includes *hardware, GIS software, data standards (Geologic Mapping Schema — GeMS), and well-defined organizational procedures*.
- Creation and adoption of the System has dramatically **increased our efficiencies**.

See the GeMS Database & Alaska Geologic Mapping System project page for related pubs and content.

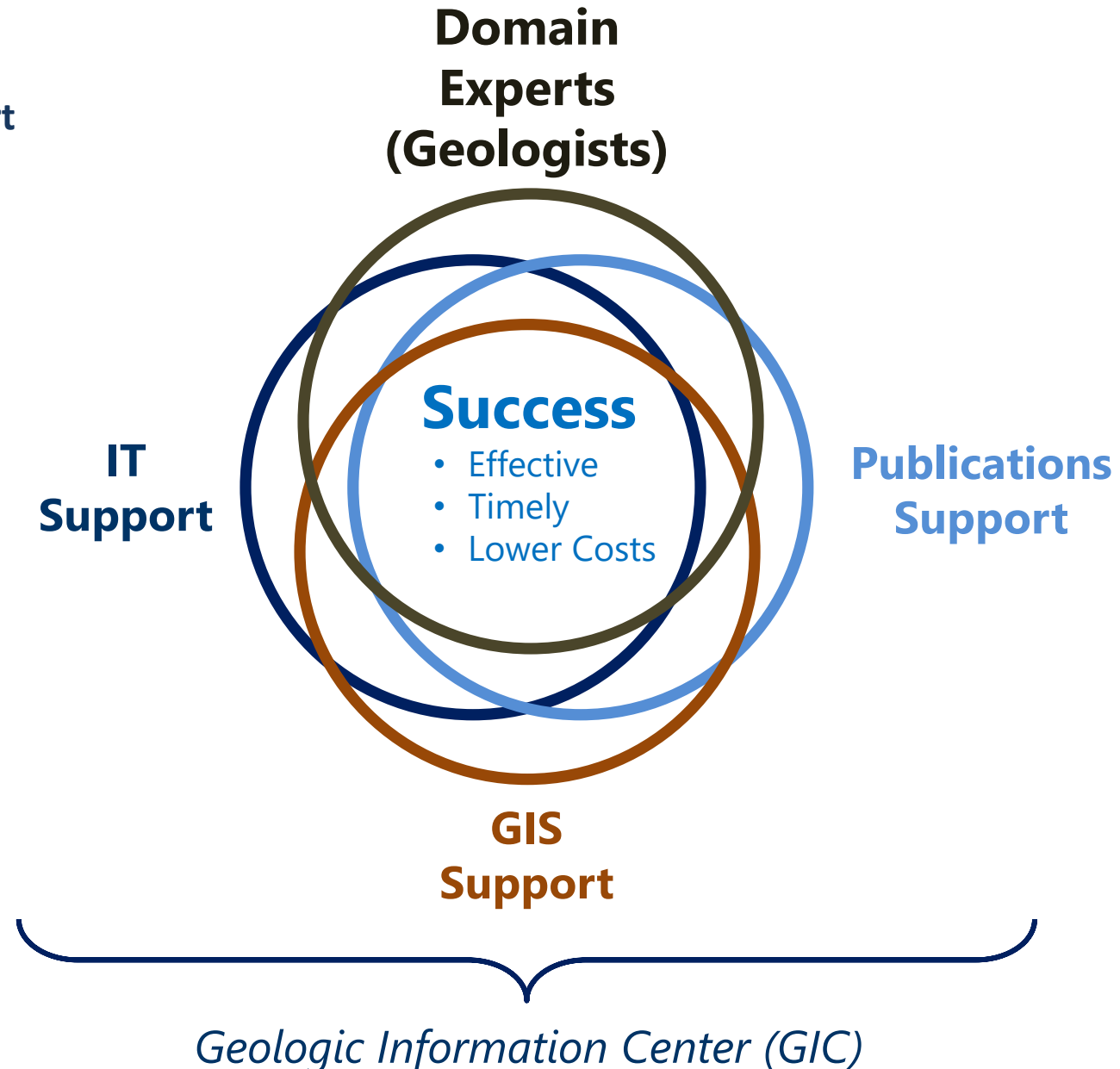
<https://dggs.alaska.gov/pubs/project/1607>



# AK GeMS Geologic Mapping System

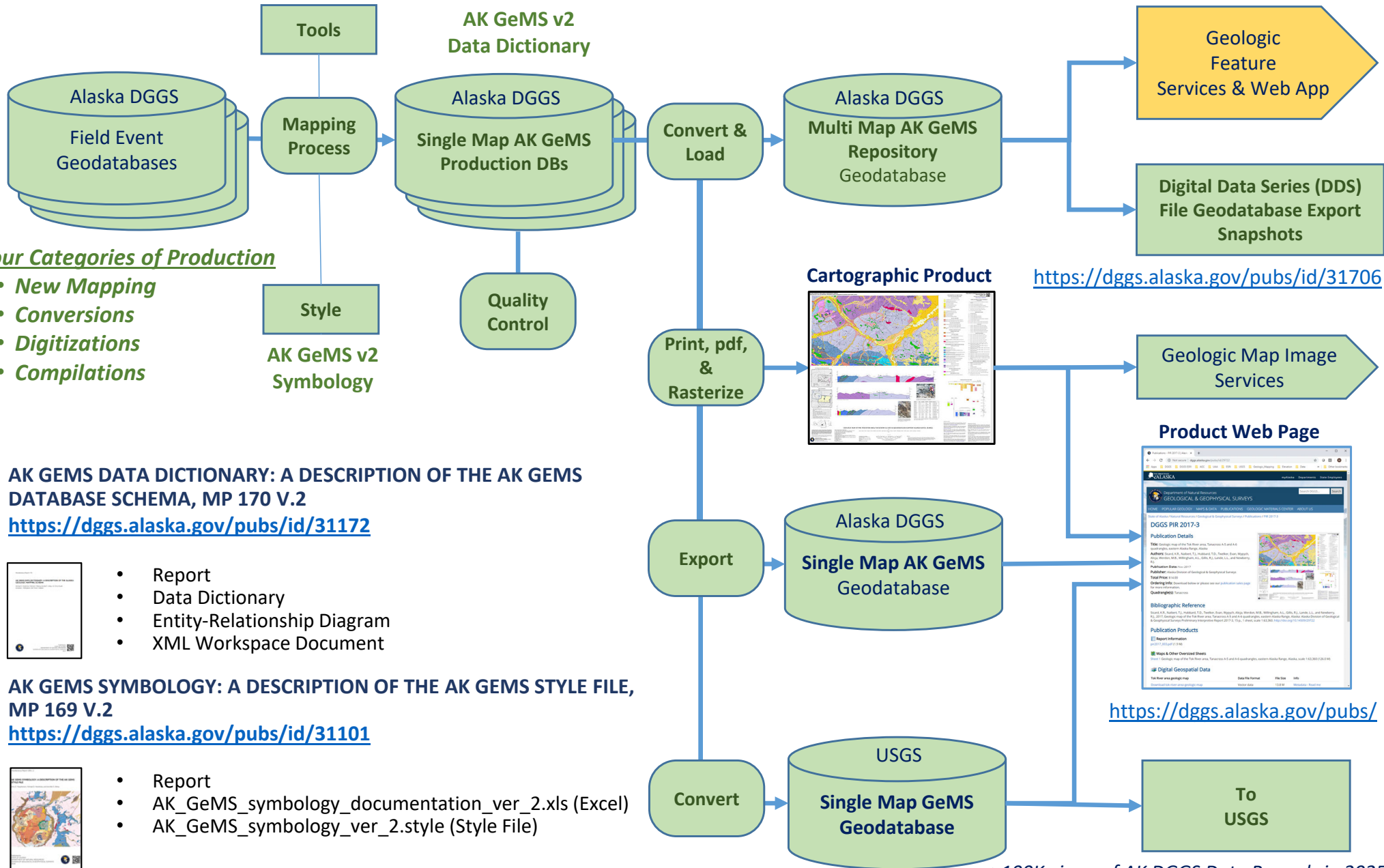
## Integrated Team Is Essential!

- **Dedicated and Embedded IT support** at the Division Level is Absolutely Critical
- **Regularly scheduled coordination meetings:**
  - Weekly GEDI meetings (Geologic Data Inquiry)
  - Bi-weekly Division Publications Meetings
  - Weekly GeMS Multimaps Meetings
  - Individual Product Production Status Meetings
  - Other Spin Off Meetings
- **Emphasis on Training:**
  - Weekly GIS Tips & Tricks
  - Illustrator sessions
  - ESRI Training emphasis
  - One-on-one training and support from IT, GIS, & Publications.



# Alaska DGGs Geologic Mapping System Components

## Organizational Procedures



>100K views of AK DGGs Data Records in 2025

What is the AK GEologic Mapping  
Schema (GeMS)?

# GIS Data and Symbology Standards

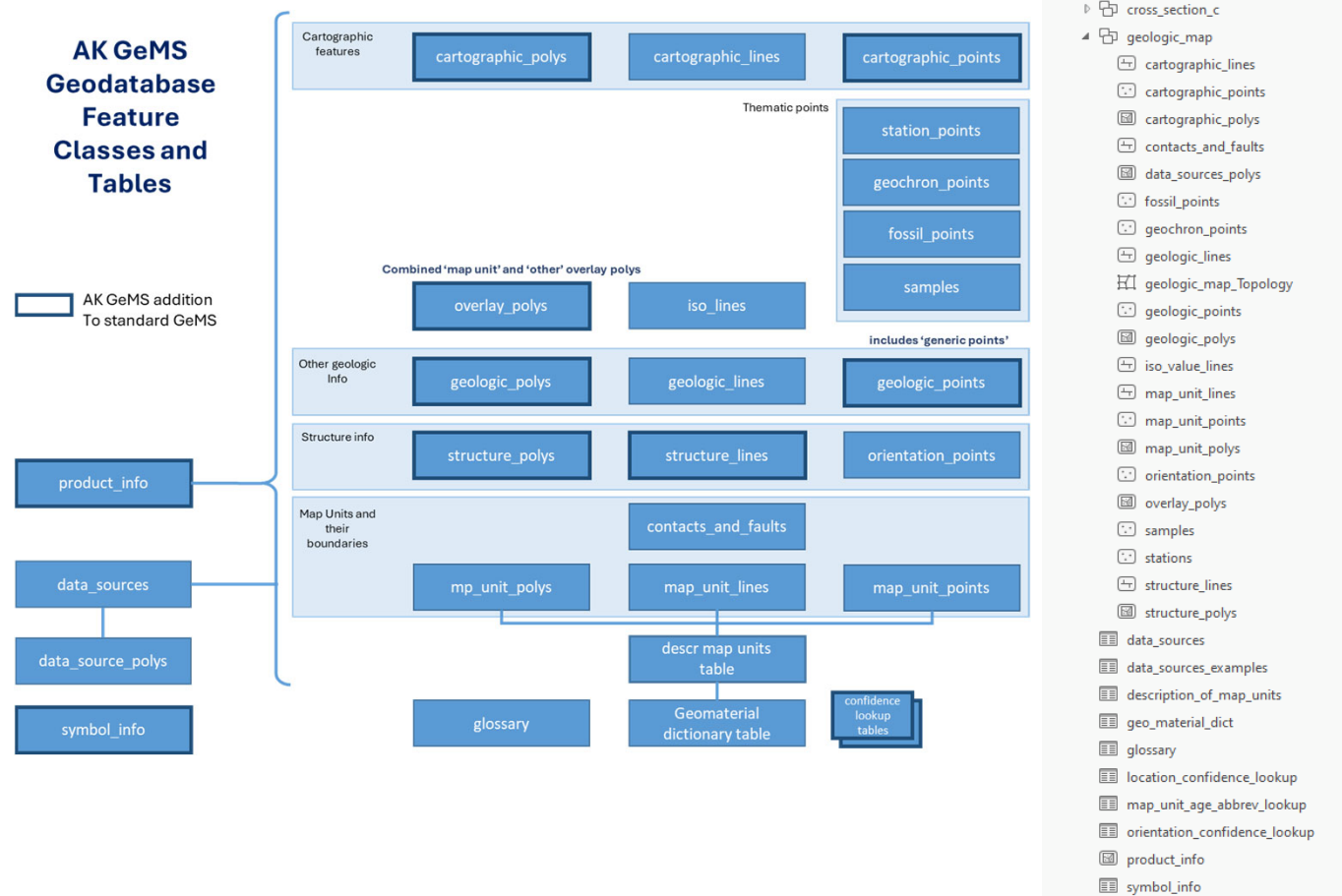
## AK GeMS Data Dictionary

L f z B t q f d u t !

- Increased focus on **modeling geologic features**
- Capable of **exporting to National GeMS**
- Capable of supporting **both single-map** geodatabases as well as the DGGs **multi-map** enterprise geodatabase (PostgreSQL)
- Support **multiple geologic layers** (i.e. bedrock, surficial, others)
- **Formalized pick lists** as attribute domains.
  - Over 75 domains
  - Over 400 controlled & defined values
- **Well documented**

**Version 2.0**

## AK GeMS Schema



AK GeMS Data Dictionary: A description of the AK GeMS database schema, MP 170

<https://dggg.alaska.gov/pubs/id/30669>

# GIS Data and Symbology Standards

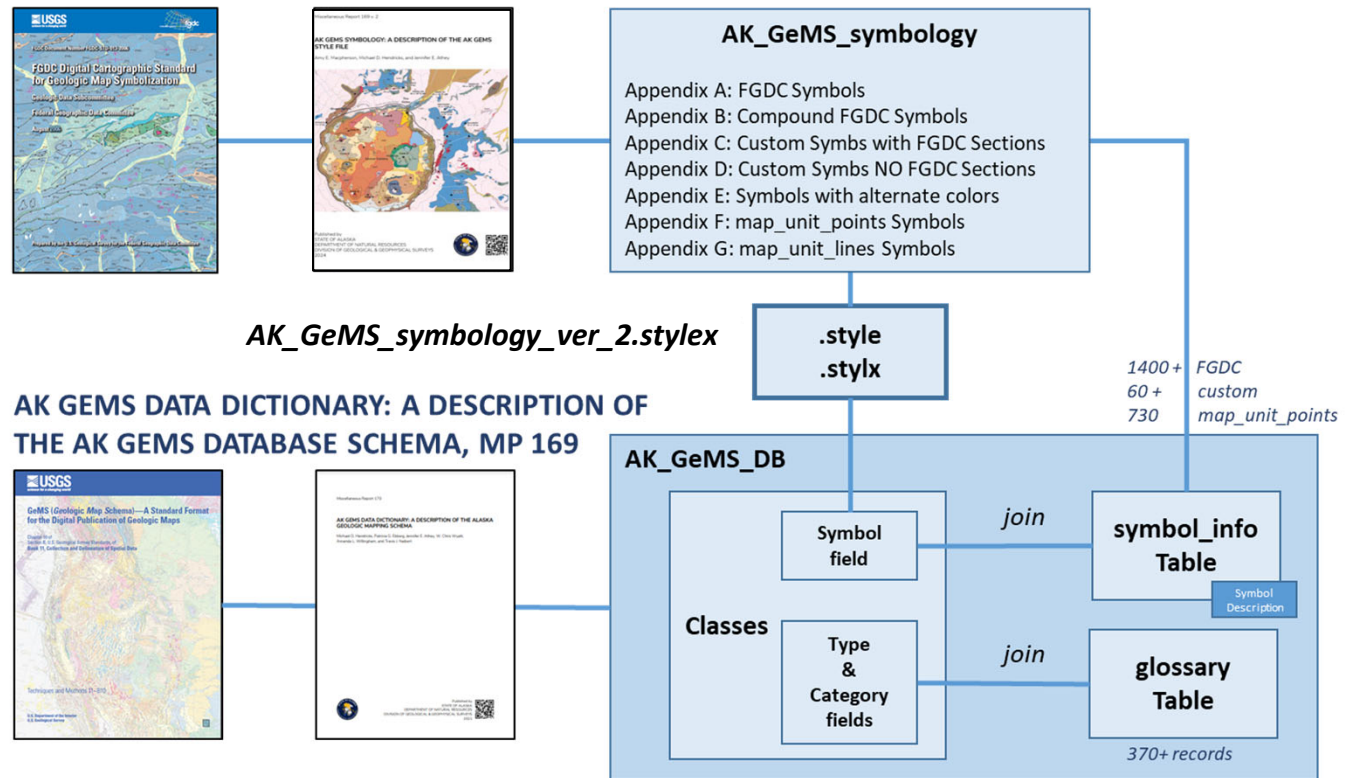
## AK GeMS Symbology

- Alaska DGGs has developed and **published a GeMS symbology standard** and accompanying **style file**
- Describes the organization and content of the style file** used by DGGs for the Alaska GeMS map production system
- Established procedures** for requesting, creating, coding, and documenting **custom symbols** added to our style

## AK GeMS Symbology Architecture

### AK GEMS SYMBOLOGY: A DESCRIPTION OF THE AK GEMS STYLE FILE, MP

- Report
- AK\_GeMS\_symbology\_documentation\_ver\_1.xls (Excel)
- AK\_GeMS\_symbology\_ver\_1.style (Style File)



**Version 2.0**

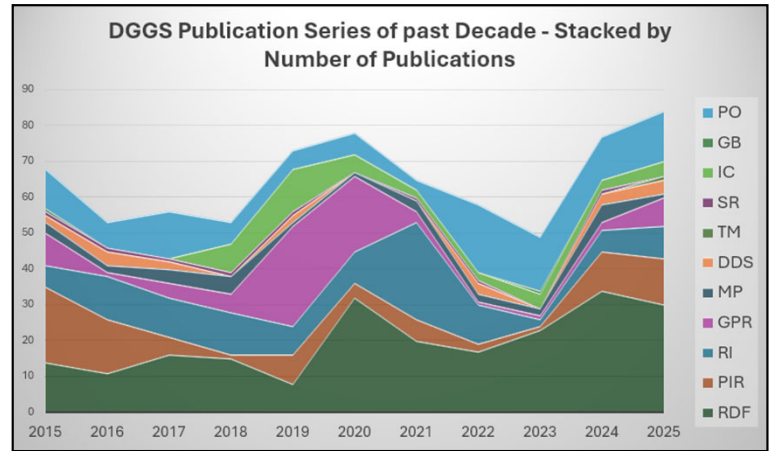
AK GeMS symbology: A description of the AK GeMS style file, MP 169 v. 2

<https://dgg.s.alaska.gov/pubs/id/31101>

How to find, view, and access what is available

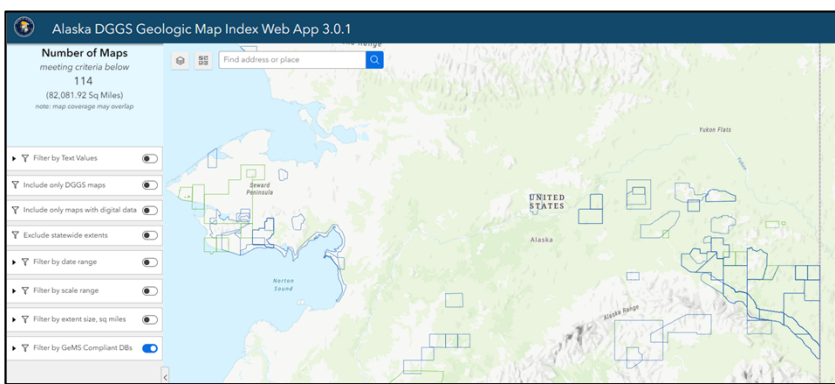
- DGGs Publications Site  
<https://dggg.alaska.gov/pubs>

**DGGs Pubs DB**  
 15,823 records



- Alaska DGGs Geologic Map Index  
<https://maps.dggg.alaska.gov/mapindex>

**DGGs Map Index**  
 4,160 maps  
 114 In modern GeMS Standard





## Publications Search

The keyword search does not find words within a publication. Successful search results based on keywords are dependent upon the publication's associated keywords, which are assigned by the author. [Need HELP?](#)

Title

Author

Publication Number

Keyword(s)



Quadrangle

- All Quadrangles -
- Adak
- Afognak
- Alaska General
- Alaska Statewide

Publishing Agency

Publication Year

Range of Years



[Geospatial Data Only](#)

Exclude Geophysics

### Browse by Publication Series

[DGGs](#) - Alaska Division of Geological & Geophysical Surveys reports, maps, and geospatial datasets

[MIRL](#) - A listing of publications released by the University of Alaska Fairbanks, Mineral Industry Research Laboratory

[USBM](#) - Selected U.S. Bureau of Mines reports. DGGs hosts a nearly comprehensive list of Alaska related reports published by USBM

[USGS](#) - Alaska related U.S. Geological Survey publications. We are actively adding USGS publications to the database

**Outside** - Use the search form to find many Alaska related journal articles, theses and dissertations, BLM reports, and more

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## Publications Search Results

Found **88** publications that matched ALL of the following criteria:

Quadrangle(s): , Keyword: **AK GeMS**, Publishing Agency: **All**.




Sort publication list by:

### PIR 2026-1

Walser, S.L., Gillis, R.J., Bernt, J.D., Salisbury, J.B., Diaz, A.V., and Hubbard, T.D., 2026, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2026-1, 10 p., 2 sheets, scale 1:50,000. <https://doi.org/10.14509/32075>

### PIR 2025-4

Larsen, M.C., Regan, S.P., Bull, K.F., Gillis, R.J., Nicolazzo, J.A., Truskowski, C.M., Walser, S.L., and Darrow, M.M., eds., 2025, Geologic investigation of the Haines-Takshanuk Mountains-Chilkat Peninsula area, Southeast Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2025-4. <https://doi.org/10.14509/31417>







### PIR 2025-5

Herriott, T.M., Wartes, M.A., Gillis, R.J., Willingham, A.L., and Qureshi, K.A., 2025, Geologic map of the Rooftop Ridge area, central North Slope, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2025-5, 1 sheet, scale 1:63,360. <https://doi.org/10.14509/31722>

### PIR 2025-6

Herriott, T.M., Wartes, M.A., Willingham, A.L., Gillis, R.J., and Qureshi, K.A., 2025, Geologic map of the Racetrack Basin area, central North Slope, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2025-6, 1 sheet, scale 1:63,360. <https://doi.org/10.14509/31723>

### Publication Products

-  = Report
-  = DVD/CD
-  = Maps
-  = Geospatial Data
-  = Outside Link
-  = Interactive

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[Geophysics](#)

# Geologic Map Citation Page



## DGGs MP 178

### Alaska's mineral resources

**Authors:** Szumigala, D.J.

**Publication Date:** May 2025

**Publisher:** Alaska Division of Geological & Geophysical Surveys

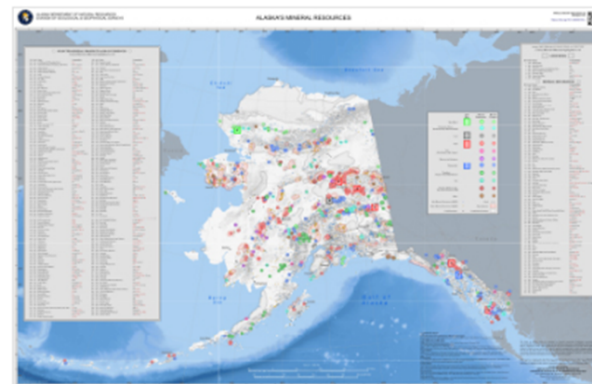
**Print Price:** \$13.00

**Ordering Info:** Download below for free or see our [publication sales page](#) to order a hard copy.

**Quadrangle(s):** Alaska Statewide

**Related project(s):** [Alaska mineral resources map](#)

**Citation ID:** 31614



### Bibliographic Reference

Szumigala, D.J., 2025, Alaska's mineral resources: Alaska Division of Geological & Geophysical Surveys Miscellaneous Publication 178, 1 sheet, scale 1:4,000,000. <https://doi.org/10.14509/31614>

### Publication Products

#### Maps & Other Oversized Sheets

Sheet 1, Alaska's mineral resources, scale 1:4,000,000 (9.0 M)

### Keywords

Alaska; Alaska, State of; DGGs; Economic Geology; Exploration; Mineral Assessment; Mineral Deposits; Mineral Development; Mineral Exploration; Mineral Localities; Mineral Prospect; Mineral Resources; Minerals; Mining

[Top of Page](#)



# Geologic Map Citation Page

## Single Map AK GeMS Data

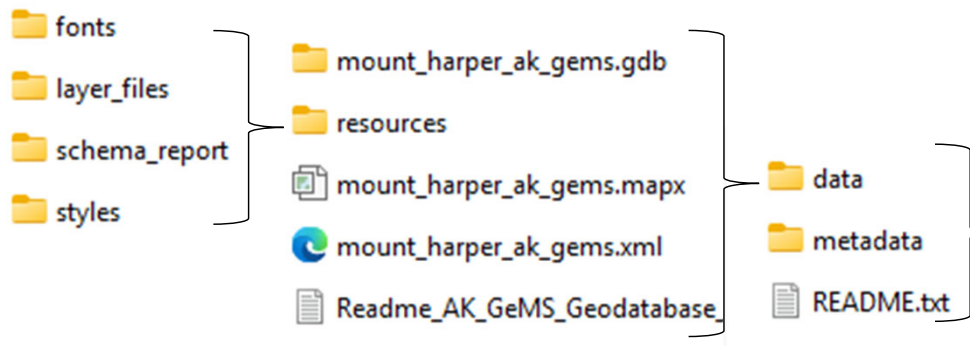
### Report

Additional information relating to the geologic map. Varying level so of detail from simple description of map units to longer geologic descriptions of the mapped region.

### Map(s)

Classic cartographic representation of geologic map data.

### Data



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## DGGs PIR 2026-1

### Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska

**Authors:** Walser, S.L., Gillis, R.J., Bernt, J.D., Salisbury, J.B., Diaz, A.V., and Hubbard, T.D.

**Publication Date:** Mar 2026

**Publisher:** Alaska Division of Geological & Geophysical Surveys

**Ordering Info:** Download below for free or see our [publication sales page](#) to order a hard copy.

**Quadrangle(s):** Tyonek

**Related project(s):** [West Susitna geologic mapping](#)

**Citation ID:** 32075

### Bibliographic Reference

Walser, S.L., Gillis, R.J., Bernt, J.D., Salisbury, J.B., Diaz, A.V., and Hubbard, T.D., 2026, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2026-1, 10 p., 2 sheets, scale 1:50,000. <https://doi.org/10.14509/32075>

### Publication Products

**Report Information**  
pir2026\_001.pdf (1.48 M)

**Maps & Other Oversized Sheets**  
Sheet 1, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Northwest sheet, scale 1:50,000 (93.0 M)  
Sheet 2, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Southeast sheet, scale 1:50,000 (68.0 M)

### Geospatial & Analytical Data

West Susitna STATEMAP geologic map	Data File Format	File Size	Info
<a href="#">Download pir2026_001_west_susitna_ak_gems</a>	Database files	20.2 M	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_db</a>	Database files	19.3 M	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_geopackage</a>	Database files	126.2 K	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_shapefile</a>	Shapefile	4.8 M	<a href="#">Metadata - Read me</a>

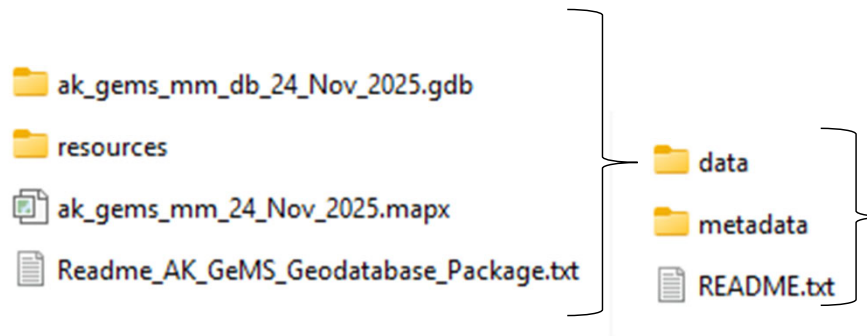
# Geologic Map Citation Page

## Multimap Map AK GeMS Data

### Report

Short description of the multimap database and its differences with the single map schema.

### Date Stamped Data



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## DGGs DDS 24

### Alaska Geologic Mapping Schema (AK GeMS) multi-map repository database

**Authors:** Hendricks, M.D., Rivera, P.G., Steinleitner, A.M., Macpherson, A.E., Montayne, Simone, and Wyatt, W.C.  
**Publication Date:** Sep 2025  
**Publisher:** Alaska Division of Geological & Geophysical Surveys  
**Quadrangle(s):** Alaska Statewide  
**Related project(s):** [GeMS Database & Alaska Geologic Mapping System](#)  
**Citation ID:** 31706

**Bibliographic Reference**  
Hendricks, M.D., Rivera, P.G., Steinleitner, A.M., Macpherson, A.E., Montayne, Simone, and Wyatt, W.C., 2025, Alaska Geologic Mapping Schema (AK GeMS) multi-map repository database: Alaska Division of Geological & Geophysical Surveys Digital Data Series 24, 2 p. <https://doi.org/10.14509/31706>

**Publication Products**

**Report Information**  
[dds024.pdf](#) (257.0 K)

**Geospatial & Analytical Data**

	Data File Format	File Size	Info
Download <a href="#">dds024_ak-gems-multi-map-repository-db_06may2025</a>	Database files	82.0 M	<a href="#">Metadata - Read me</a>
Download <a href="#">dds024_ak-gems-multi-map-repository-db_24nov2025</a>	Database files	144.7 M	<a href="#">Metadata - Read me</a>

**Keywords**  
Alaska Statewide Maps; Alaska, State of; Bedrock; Bedrock Geologic Map; Bedrock Geology; DGGs; Engineering Geologic Map; Engineering Geology; GeMS Documentation; Geodatabase; Geologic; Geologic Communications; Geologic Hazards; Geologic Map; Geologic Mapping Standards; Geologic Materials; Geology; geoscientificInformation; Surficial Geologic Map; Surficial Geology

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Alaska Division of Geological & Geophysical Surveys  
3354 College Road  
Fairbanks, Alaska 99709  
Phone: (907) 451-5000  
Fax: (907) 451-5050  
Email: [dggspubs@alaska.gov](mailto:dggspubs@alaska.gov)

# Map Index Web App

**Alaska DGGs Geologic Map Index Web App 3.0.1**

**Number of Maps**  
meeting criteria below  
**110**  
(55,678.74 Sq Miles)  
*note: map coverage may overlap*

- Filter by Text Values
- Include only DGGs maps
- Include only maps with digital data
- Exclude statewide extents
- Filter by date range
- Filter by scale range
- Filter by extent size, sq miles
- Filter by GeMS Compliant DBs

**Tools**

**Popup With link to citation page**

**Filters**

**Table view**

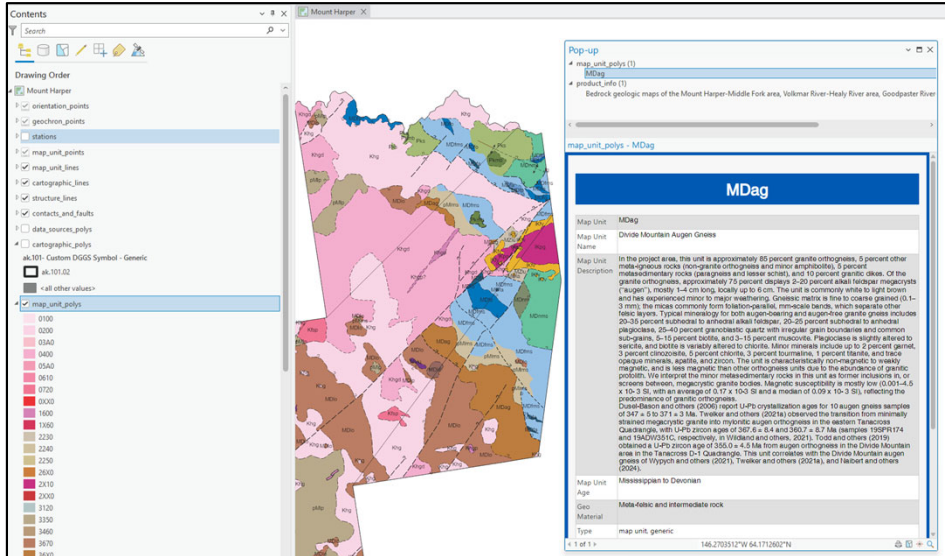
title	author	publication date	agency	url	keyword
Reconnaissance report on ...	Riehle, J.R., Emmel, K.S., a...	12/31/1980		<a href="#">View</a>	Akulik River; Alluvia
Surficial geology of the lo...	Kline, J.T.	12/31/1980		<a href="#">View</a>	Alluvial; Alluvium; A
Geologic map of the Iditar...	Bundtzen, T.K., and Laird, ...	12/31/1981		<a href="#">View</a>	Age Dates; Alluvial
Mineral assessment of the ...	Smith, T.E., Pessel, G.H., an...	12/31/1986	DGGs	<a href="#">View</a>	Actinolite; Alluvial; /

# So I downloaded some AK GeMS Data, now what

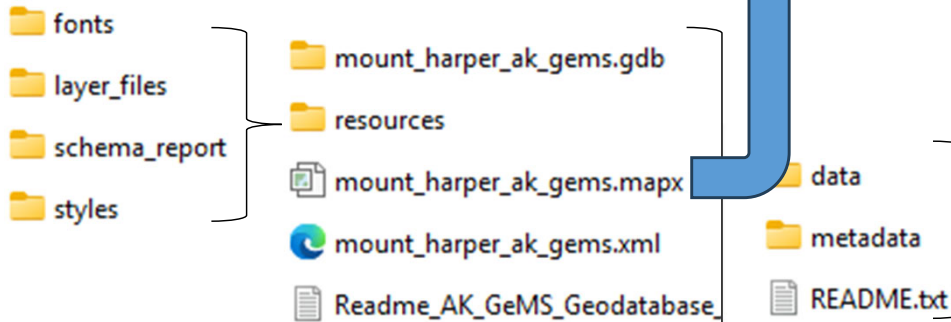
- Best used using ESRI ArcGIS Pro software.
- Data is symbolized according to standards, but is not intended to be an exact representation of the publication's cartographic product
- Single Map Data versus the Multi Map Data

# AK GeMS Data

## ArcGIS Pro Map File



## GeMS Data




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## DGGS PIR 2026-1

### Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska

Authors: Walser, S.L., Gillis, R.J., Bernt, J.D., Salisbury, J.B., Diaz, A.V., and Hubbard, T.D.

Publication Date: Mar 2026

Publisher: Alaska Division of Geological & Geophysical Surveys

Ordering Info: Download below for free or see our [publication sales page](#) to order a hard copy.

Quadrangle(s): Tyonek

Related project(s): [West Susitna geologic mapping](#)

Citation ID: 32075

### Bibliographic Reference

Walser, S.L., Gillis, R.J., Bernt, J.D., Salisbury, J.B., Diaz, A.V., and Hubbard, T.D., 2026, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Alaska Division of Geological & Geophysical Surveys Preliminary Interpretive Report 2026-1, 10 p., 2 sheets, scale 1:50,000. <https://doi.org/10.14509/32075>

### Publication Products

#### Report Information

[pir2026\\_001.pdf](#) (1.48 M)

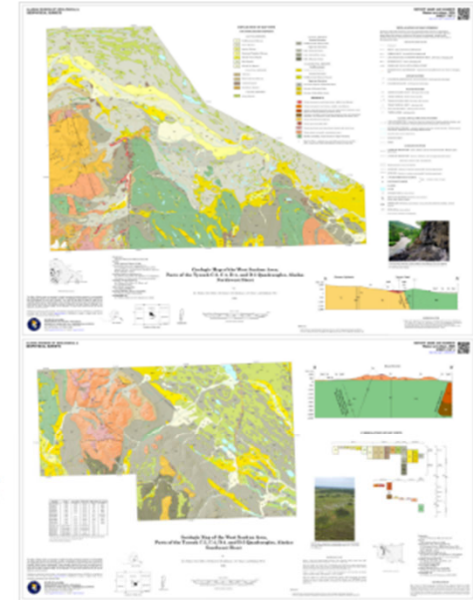
#### Maps & Other Oversized Sheets

Sheet 1, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Northwest sheet, scale 1:50,000 (93.0 M)

Sheet 2, Geologic map of the West Susitna area, parts of the Tyonek C-3, C-4, D-4, and D-5 quadrangles, Alaska: Southeast sheet, scale 1:50,000 (68.0 M)

#### Geospatial & Analytical Data

West Susitna STATEMAP geologic map	Data File Format	File Size	Info
<a href="#">Download pir2026_001_west_susitna_ak_gems</a>	Database files	20.2 M	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_db</a>	Database files	19.3 M	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_geopackage</a>	Database files	126.2 K	<a href="#">Metadata - Read me</a>
<a href="#">Download pir2026_001_west_susitna_gems_shapefile</a>	Shapefile	4.8 M	<a href="#">Metadata - Read me</a>



# AK GeMS Data

## ArcGIS Pro Map File for a Single Map

The screenshot displays the ArcGIS Pro interface with a geologic map of the Mount Harper area. The map is color-coded by map unit, with various units labeled with codes like Khgd, MDlo, MDms, MDag, and Kfsp. A legend on the left lists map units with their corresponding colors. A pop-up window is open over the MDAg unit, providing detailed information about it.

**Contents**

Mount Harper

- orientation\_points
- geochron\_points
- stations
- map\_unit\_points
- map\_unit\_lines
- cartographic\_lines
- structure\_lines
- contacts\_and\_faults
- data\_sources\_polys
- cartographic\_polys
- ak.101- Custom DGGS Symbol - Generic
  - ak.101.02
  - <all other values>
- map\_unit\_polys

**Pop-up**

- map\_unit\_polys (1)
  - MDAg
- product\_info (1)
  - Bedrock geologic maps of the Mount Harper-Middle Fork area, Volkmar River-Healy River area, Goodpaster River

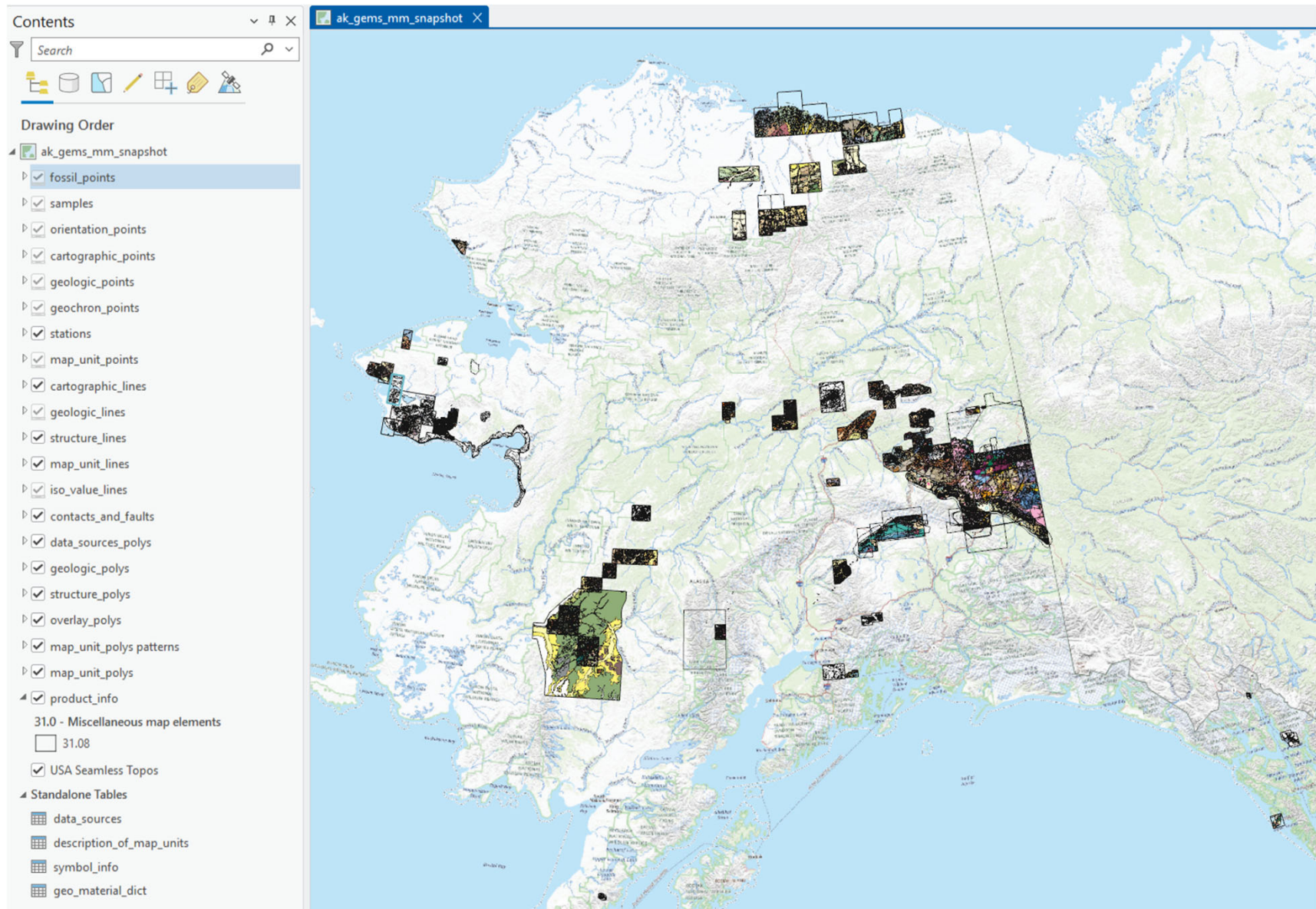
**map\_unit\_polys - MDAg**

Map Unit	MDAg
Map Unit Name	Divide Mountain Augen Gneiss
Map Unit Description	<p>In the project area, this unit is approximately 85 percent granite orthogneiss, 5 percent other meta-igneous rocks (non-granite orthogneiss and minor amphibolite), 5 percent metasedimentary rocks (paragneiss and lesser schist), and 10 percent granitic dikes. Of the granite orthogneiss, approximately 75 percent displays 2–20 percent alkali feldspar megacrysts ("augen"), mostly 1–4 cm long, locally up to 6 cm. The unit is commonly white to light brown and has experienced minor to major weathering. Gneissic matrix is fine to coarse grained (0.1–3 mm), the micas commonly form foliation-parallel, mm-scale bands, which separate other felsic layers. Typical mineralogy for both augen-bearing and augen-free granite gneiss includes 20–35 percent subhedral to anhedral alkali feldspar, 20–25 percent subhedral to anhedral plagioclase, 25–40 percent granoblastic quartz with irregular grain boundaries and common sub-grains, 5–15 percent biotite, and 3–15 percent muscovite. Plagioclase is slightly altered to sericite, and biotite is variably altered to chlorite. Minor minerals include up to 2 percent garnet, 3 percent clinzoisite, 5 percent chlorite, 3 percent tourmaline, 1 percent titanite, and trace opaque minerals, apatite, and zircon. The unit is characteristically non-magnetic to weakly magnetic, and is less magnetic than other orthogneiss units due to the abundance of granitic protolith. We interpret the minor metasedimentary rocks in this unit as former inclusions in, or screens between, megacrystic granite bodies. Magnetic susceptibility is mostly low (0.001–4.5 x 10<sup>-3</sup> SI, with an average of 0.17 x 10<sup>-3</sup> SI and a median of 0.09 x 10<sup>-3</sup> SI), reflecting the predominance of granitic orthogneiss.</p> <p>Dusel-Bason and others (2006) report U-Pb crystallization ages for 10 augen gneiss samples of 347 ± 5 to 371 ± 3 Ma. Tewelker and others (2021a) observed the transition from minimally strained megacrystic granite into mylonitic augen orthogneiss in the eastern Tanacross Quadrangle, with U-Pb zircon ages of 367.6 ± 8.4 and 360.7 ± 8.7 Ma (samples 19SFR174 and 19ADW351C, respectively, in Wildland and others, 2021). Todd and others (2019) obtained a U-Pb zircon age of 355.0 ± 4.5 Ma from augen orthogneiss in the Divide Mountain area in the Tanacross D-1 Quadrangle. This unit correlates with the Divide Mountain augen gneiss of Wypych and others (2021), Tewelker and others (2021a), and Naibert and others (2024).</p>
Map Unit Age	Mississippian to Devonian
Geo Material	Meta-felsic and intermediate rock
Type	map unit_generic

1 of 1 | 146.2703512°W 64.1712602°N

# AK GeMS Data

## ArcGIS Pro Map File for a Multi Map (DDS 24)



# AK GeMS Data

## Product\_Info attribute table for a Multi Map (DDS 24)

product\_info - Untitled - ArcGIS Pro

product\_info

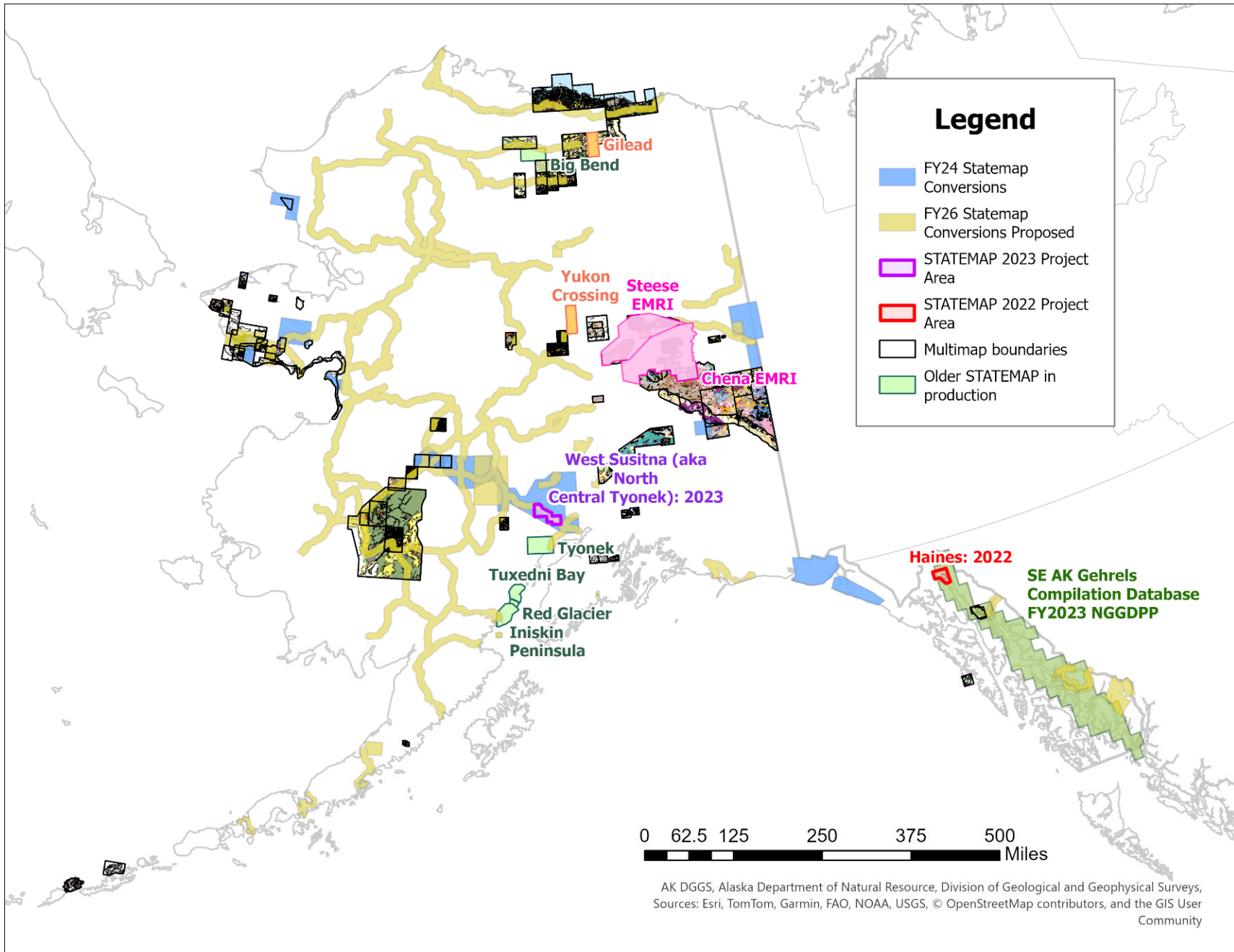
Field: Add Calculate Selection: Select By Attributes Zoom To Switch Clear Delete Copy

OBJECTID *	symbol	nickname	label	name	project_id_dggs	pub_date	product_id_dggs	citation_id_dggs	citation_link	product_map_link	map_scale_denominator	notes	db_creator	cartography_lead	geologis
1	31.08	nome_c2_quad	Nome C2 Quad	Reconnaissance ge...	<Null>	1/1/1972	<Null>	10960	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Arneson, L. A.	<Null>	Sainsbury
2	31.08	ak_hwy_bedrock_s...	AK Hwy Seg1 Bedr...	Bedrock-geologic...	1177	7/1/2019	31920	30036	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	63360	database in NAD1...	Macpherson, A. E.	Gallagher, P. E.	Solie, D. M
3	31.08	ak_hwy_bedrock_s...	AK Hwy Seg3 Bedr...	Bedrock-geologic...	1177	7/1/2019	31922	30038	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	database is in NA...	Macpherson, A. E.	Gallagher, P. E.	Werdon, I
4	31.08	eastern_tanacross	Eastern Tanacross	Bedrock geologic...	1588	8/1/2021	<Null>	30735	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	100000	<Null>	Wildland, A. D.	Macpherson, A. E.	Twelker, E
5	31.08	chiginagak	Chiginagak	Geologic map of...	190	12/1/2017	<Null>	29769	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	25000	<Null>	Macpherson, A. E.	Gallagher, P. E.	Schaefer,
6	31.08	caribou_creek	Caribou Creek	Geology of the Ca...	<Null>	1/1/2006	<Null>	30866	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<Null>	25000	<Null>	Wildland, A. D.	Lessard, R. R.	Lessard, F
7	31.08	big_delta_b2_quad	Big Delta B2	Geologic map of t...	<Null>	1/1/2003	<Null>	13143	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	<Null>	Donatich, A. J.	Warren, C
8	31.08	kavik	Kavik	Geologic map of t...	<Null>	6/1/2011	<Null>	22602	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wildland, A. D.	Loveland, A. M.	Wartes, N
9	31.08	richardson	Richardson	Preliminary bedroc...	<Null>	6/1/2021	32839	30676	<a href="https://doi.org/10.14">https://doi.org/10.14</a>	<Null>	63360	<Null>	Wildland, A. D.	<Null>	Twelker, E
10	31.08	steese_white_mou...	Steese White Mou...	Mineral assessmen...	426	1/1/1987	<Null>	731	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Arneson, L. A.	Smith, T. E.	Smith, T.
11	31.08	eagle_a1_surficial...	Eagle A1 Surficial	Surficial-geologic...	<Null>	1/1/2010	<Null>	22081	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	63360	PIR 2002-1B	Wyatt, W. C.	Smith, R. L.	Stevens, I
12	31.08	atigun_to_slope	Dalton Highway	Geologic map of t...	<Null>	7/1/2002	<Null>	2867	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wildland, A. D.	Montayne, Simone	Harris, E.
13	31.08	ne_tanacross	NE Tanacross	Northeast Tanacro...	1537	8/1/2020	<Null>	30539	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Naibert, T. J.	Wypych, Alicja	Wypych, .
14	31.08	teller_b4_c4_quads	Teller B4 C4 Quads	Geologic map of t...	<Null>	1/1/1969	<Null>	12885	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Arneson, L. A.	Sainsbury, C. L.	Sainsbury
15	31.08	tanana_b1_quad_b...	Tanana B1 Bedrock	Interpretive geolo...	<Null>	1/1/1997	<Null>	2552	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wildland, A. D.	Sturmann, A. G.	Reifenstu
16	31.08	livengood_geologi...	Livengood	Geologic map of p...	706	9/1/2016	<Null>	29665	<a href="https://doi.org/10.14">https://doi.org/10.14</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	50000	<Null>	Hendricks, M. D.	Gallagher, P. E.	Twelker, E
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18	31.08	eagle_a2_surficial...	Eagle A2 Surficial	Surficial-geologic...	<Null>	1/1/2001	<Null>	2671	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	63360	PIR 2001-3C	Wyatt, W. C.	Werdon M. B.	Werdon M
19	31.08	ak_hwy_bedrock_s...	AK Hwy Seg2 Bedr...	Bedrock-geologic...	1177	7/1/2019	31921	30037	<a href="https://doi.org/10.14">https://doi.org/10.14</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	database is in NA...	Macpherson, A. E.	Gallagher, P. E.	Werdon, I
20	31.08	nome_mining_dist...	Nome Mining Dist...	Preliminary geolog...	<Null>	1/1/1994	<Null>	1665	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Arneson, L. A.	Cruse, G. R.	Bundtzen
21	31.08	tanana_b1_quad_s...	Tanana B1 Surficial	Surficial geologic...	<Null>	1/1/1997	<Null>	2553	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wildland, A. D.	Sturmann, A. G.	Pinney, D
22	31.08	central_york_mou...	Central York Mou...	Geology and ore d...	<Null>	1/1/1969	<Null>	3665	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Arneson, L. A.	Sainsbury, C. L.	Sainsbury
23	31.08	eagle_a2_bedrock...	Eagle A2 Bedrock	Bedrock geologic...	<Null>	1/1/2001	<Null>	2670	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	63360	PIR 2001-3B	Wyatt, W. C.	Werdon, M. B.	Werdon, I
24	31.08	tok_river	Tok River	Geologic map of t...	<Null>	11/1/2017	<Null>	29722	<a href="https://doi.org/10.14">https://doi.org/10.14</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Hendricks, M. D.	Gallagher, P. E.	Sicard, K.
25	31.08	upper_chena_river	Upper Chena River	Geologic map of t...	85	1/1/1994	<Null>	2315	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	Larger map area a...	Wyatt, W. C.	Sturmann, A. G.	Smith, T.
26	31.08	fairbanks_mining...	Fairbanks Mining...	Preliminary geolog...	<Null>	1/1/1996	<Null>	1740	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	This project and re...	Wildland, A. D.	Graham, G. R. C.	Newberry
27	31.08	circle_mining_distri...	Circle Mining Distr...	Bedrock Geologic...	496	1/1/1995	<Null>	2515	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wyatt, W. C.	Queen, L. K.	Wiltse, M
28	31.08	eagle_a1_bedrock...	Eagle A1 Bedrock	Bedrock geologic...	<Null>	1/1/2002	<Null>	2864	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	<a href="http://dggs.alaska.gc">http://dggs.alaska.gc</a>	63360	PIR 2002-1B	Wyatt, W. C.	Athey, J. E.	Szumigal
29	31.08	umiat	Umiat	Geologic Map of t...	868	10/1/2018	<Null>	30099	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	63360	<Null>	Wildland, A. D.	Herriott, T. M.	Herriott, C
30	31.08	big_delta_b1	Big Delta B1	Geologic map of t...	<Null>	1/1/2007	<Null>	23531	<a href="https://dggs.alaska.g">https://dggs.alaska.g</a>	<a href="https://pubs.usgs.go">https://pubs.usgs.go</a>	63360	<Null>	<Null>	Day, W. C.	Day, W. C

0 of 95 selected

Filters: 80%

# Some Recent and Future Mapping



DGGS Geophysics Grids

Survey Name(s)  
0 selected

Survey Type  
magnetic  
*filtered by selected Survey Names above*

Survey Product  
calculated1vd  
*filtered by selected Survey Type above*

