

DRAFT
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

Geological Mapping Advisory Board Minutes
May 08, 2019

The Alaska Geological Mapping Advisory Board held its meeting on Wednesday, May 08, 2019 from 1:00 p.m. until 4:24 p.m. This meeting was held in Fairbanks, Alaska in the DGGs Conference Room, lower floor at 3354 College Road, and Atwood Building, DNR Commissioner's Office Conference Room.

1:02 pm CONVENE Meeting is called to order and roll is called.

Board members present:

Curt Freeman, Steve Adamczak, Paul McCarthy, Jamey Jones, and Heidi Hansen (expected, joined at 1:06 pm).

Board members Tom Homza and Greg Wilson were unavailable, and Margaret Darrow was excused.

DGGs Staff: DGGs staff in Fairbanks attended.

Review and approval of current agenda and minutes from January 2019 meeting temporarily tabled.

1:04 pm Old Business S. Masterman gave presentation on STATEMAP program funding with ten years (historical) depicted.

1:06 pm H. Hansen called in.

P. McCarthy moved and J. Jones seconded to approved the meeting agenda and minutes from January 2019 meeting without change.

New board member Heidi Hansen (CIRI) was introduced and welcomed.

1:09 pm S. Masterman continued with STATEMAP presentation, noting that funding is down. Panel feedback detailing strengths and concerns with program plans. With that in mind S. Masterman is reaching out to expand the board.

1:11 pm DGGs Budgets – S. Masterman spoke about 2020 Operating and Capital budgets, personnel, details on Earth MRI (formerly 3DEEP) funding, and some of the larger summer field projects, noting that it is a full summer and there are many smaller projects.

Q. C. Freeman asked if the funding for MRI is for 2019 or 2020. A. S. Masterman, funding is for 2019, cut off September 2019.

Additional discussion.

1:29 pm “Maps on the Table”, A. Wypych presented 2018 STATEMAP project, map of Tanacross project, details presented and discussed at length.

1:49 pm T. Herriott presenting update on 2019 STATEMAP. Big Bend project this summer, central North Slope region. Gave project overview, noting that Chandalar River had been mapped in the past, but project will map in finer detail, continued with explanation of area and additional project details.

Q. C. Freeman asked about funding/budget. A. T. Herriott answered with requested amount (\$300K), awarded amount (\$162K+), so adjusted budgets and work.

T. Herriott continued with presentation, detailing area to be studied, and work to be done. Also noted that most of the existing data was collected prior to modern methods.

2:02 pm T. Herriott continues with presentation noting dates and personnel.

2:12 pm Q. J. Jones asks if there is a Phase II. A. T. Herriott answers that maybe because there is strong justification for expanding in different direction.

Discussion.

BREAK

2:26 pm Reconvene

New Business

J. Athey presented update on NGMDB and GEMS. Presentation explained historical db and current (GEMS), the advantages of GEMS (standardized, feature based, user friendly for non-Geos . . .). Two versions, single GEMS and Multi-map GEMS.

Q. S. Masterman asks if single use is what state wants. A. Yes.

Q. Follow up question (same topic) from C. Freeman. A. Slides. (Both questions are answered in detail with series of slides.)

2:34 pm Presentation continues with historical on need and progression, USGS GEMS Initiatives, used/utilized by core science systems, Strategic Plan 2018-2030, timeline of USGS and DGGS work.

2:45 pm Details on plans going forward.

2:48 Comment that STATEMAP 2022 states will be required to be fully compliant with GEMS; states that are not (fully compliant) will not be eligible for funding. Answer and follow up Q. from J. Jones prompts discussion regarding various groups using/phasing in GEMS.

2:54 pm Q. C. Freeman regarding how a submittal is picked/judged. A. J. Athey, state chooses, discussion follows regarding funding/publishing.

2:57 pm M. Hendricks presented DGGG GEMS Compliance and Goals. M. Hendricks spoke about work on getting more up to date db/multi map design (Standards Development Efforts). Detailed db design & content cartography & data visualization, procedures, workflow, and delivery methods.

3:05 Present GEMS DGGG multi maps db will (in future) be available on website and demonstrated how the various maps work together.

3:08 pm J. Jones commented that it appears quite a lot of data will be imbedded in the maps.

3:10 pm M. Hendricks demonstrated and explained various features of the map. Discussion.

3:20 pm S. Masterman presented update on Earth MRI, detailed size, funds, and methods of areas to be mapped, and desired work areas for the coming year. Discussion.

3:30 pm M. Werdon presented process for prioritizing Earth MRI commodities, deposit types, and target areas. Discussion followed regarding what various groups would like to see from the work, and how to solicit comments and suggestions from those groups.

3:48 pm E. Twelker presented 2019 Rare Earth update. Presentation included information regarding 2019 Plan of Operation, crews, funding, companies working in the area, and element(s) located/possibly located in project area. Discussion.

3:59 pm C. Freeman calls for public comment – none.

4:00 pm Closed Room Board Session began. Motion to elect J. Jones to Chair by P. McCarthy, S. Adamczak seconds, all in favor, none opposed. Motion passes.

4:24 pm C. Freeman made a motion to adjourn the meeting. P. McCarthy seconded the motion. The motion to adjourn the meeting passed.