

Division of Geological & Geophysical Surveys

Geologic Mapping Advisory Board – Winter Meeting

February 5, 2020, 8:45 am–3:45 pm

3354 College Road, Fairbanks, Alaska – Basement Conference Room

3651 Penland Parkway – GMC Large Conference Room

CONVENE morning session (Chair)

8:46 am

- Call to order, logistics, roll call J. Jones calls meeting to order, Present - J. Jones, S. Adamzac, C. Freeman, P. McCarthy, T. Homeza, R. Rutherford, G. Wilson. M. Darrow excused, H. Hansen no longer on the Board.
- Review and approve agenda –Freeman, motion to approve, Rutherford seconds, all in favor.
- Approval of minutes from last meeting – Freeman, motion to approve, Rutherford seconds, all in favor.

New Business

8:48 am

- Status of FY20 STATEMAP Proposal and Implications of StateMap Funding Increase and DGGGS news (Masterman) Presents information about current and future work, publications, interest by private companies and general public, funding for positions. Has requested funding to restart the geothermal program. Details additional information regarding funding and programs/projects, and staffing, Op budget details and FY21 Capital budget details. PowerPoint presentation illustrates. Discussion and comments.
- DGGGS Program Overview of non-STATEMAP projects
 - Introduction and DGGGS news (Papp) Outreach and contact with the public has increase both through programs/service and at the GMC.
 - Geologic Materials Center (Johnson) Slides accompany presentation with introduction of staff and areas covered by each. Details changes coming up for the GMC, trends for services and inventory (compares present to past), and numbers of visitors (public, students, private industry, and government). Presentation continues with current work on current and future projects, and how increase research capabilities, offset costs, data integration. Questions, comments, and discussion.
 - Engineering Geology (Stevens) B. Salisbury presenting for D. Stevens – presentation (with slides) of major programs, overview of work for the last year, and highlights of projects from each of the programs, including the areas, agencies, and data use. Questions, comments, and discussion.
 - Geologic Information Center (Papp) Brief overview of who/what of GIC. Introduces staff and their roles. Presentation includes future and trends, statistics, size of the data collection. Number publications, information requests, and focus for education of public (includes publications and social media/news feeds), and programs and projects.

BREAK

10:03 am

- Energy Resources (LePain) 10:20 am
PowerPoint presentation, overview details staff, programs, recent accomplishments and projects, objectives and funding. Q/A regarding Cook Inlet work, with details for future plans in Cook Inlet. Continues with in-state gas and rural energy details. Additional comments and discussion.
- Mineral Resources (Werdon) 10:57 am
Presentation with staff introduction, mission and goals. Overview of projects, current and outreach. Details on Alaska mineral industry report. Mapping – Alaska highway corridor bedrock geo maps, NE Tanacross. Projects/publishing details for NE Tanacross, Wrangellia PGE assessment. Radon project update, data preservation project (FY19 NNGDPP) details. Question/answer, discussion follows.
- Airborne Geophysics (Emond) 11:15am

Slides with three data sets, three-year comparison. Data management, archiving, and publication. Upcoming surveys; Earth MRI and SOA, comments, discussion, and additional details.

- Volcanology (Schaefer) 11:30 am
Slides illustrate objectives (monitor & report), funding, current work under grants, mapping Cook Inlet to Aleutian Arc. Details volcano hazards, field work and data management, new for 2020. Question/answer and discussion.

LUNCH BREAK (lunch brought in at both locations)

11:46 am

CONVENE afternoon session:

1:00 pm

“Maps on the table” – Geologic review of FY19 STATEMAP project

North Slope, Big Bend (Herriott) Project updates with slide presentation, Outpost Mountain with details, current and future work plans with details on proposal, funding & field studies summary, and Schrader Bluff. Discussion. Additional slide with FY 2019 & 2020 schedule.

EarthMRI Project Update and Mapping Priorities (Twelker and Werdon)

1:39 pm

Werdon gives update and overview of Federal and State funding 2019-2021 with slides illustrating EM Geologic Mapping Program – coverage details, existing mapping, scale, and land status.

Twelker slide presentation overview of 2019. Project location and nearby deposits. Additional slides with details of future plans, and publishing. Questions/answers and discussion.

NCGMP/STATEMAP (Masterman)

2:05 pm

Slides detailing funding with quoted language from appropriation bill.

(GEMS) details regarding Draft Plan, Phase III, comments from Jones. Information for funding, seven options for additional funds. Masterman requests feedback from the Board regarding the options. Discussion of options.

Masterman recaps 2020 budget (for EarthMRI), and funding for 2020 & 2021. Discussion of funding, various aspects of the project, existing maps, and approaches. Slide with geochemistry funding, and work being done with samples from Yukon-Tanana Uplands. Additional discussion and comments.

Public comments or questions – None.

3:01 pm

Board public comments

3:02 pm

Comments include accolades, new and future projects, availability and usability of information, changes with DGGs, and remarks on earlier presentations.

Board discussion (closed to the public) – No closed discussion.

3:15 pm

ADJOURN

3:22 pm

Freeman motions to adjourn, Homza seconds.