



MEMORANDUM

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
Telephone: (907) 696-0079 Fax: (907) 696-0078

State of Alaska

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TO: Robert Swenson
State Geologist and Acting Director

DATE: 1-August, 2009

FROM: Kenneth R. Papp
Curator, Alaska Geologic Materials Center

FILE NO:

SUBJECT: Monthly Report – July

Many recent changes have occurred at the Geologic Materials Center. Firstly, in June, Dr. John Reeder retired after serving *22 years* as Curator of the GMC. Dr. Reeder's passion for geology, teaching, and sharing his knowledge will be sorely missed. The DGGs and GMC staff would like to thank John for his many years of dedication and hard work. I would also like to thank Jean Riordan for her admirable job as acting curator of the GMC during the transition period. Jean's institutional knowledge was a huge asset and certainly made the transition much smoother for all of those involved.

As the new curator, I am optimistic as the State of Alaska and DGGs move forward with plans for a new GMC facility. In the mean time, I will strive as Dr. Reeder's successor to continue his high level of commitment to those who visit and use the facility and make the GMC experience more efficient and accessible. We are currently working on options to obtain better and more frequent information from those who use the GMC, allowing us to make changes for the better based upon helpful feedback.

Lastly, Kurt Johnson, along with the super-human efforts of the three, college interns, has been arduously sorting, indexing and moving hard-rock mineral core and hand samples in and out of tens of conexes for several months as part of the GMC Database Inventory Integration project. Their efforts will improve the in-house materials, database inventory, allowing staff to help users of the facility find information more quickly and pave the way for a future, web-interface used to query the available materials at the GMC. Kurt and the three interns, Joseph Skutca, Herbert Mansavage, and Josh Stucky have moved an impressive *1.3 million pounds* (453 metric tons) of rock over the course of the summer! Herbie's "*Hard-as-a-rock Core Workout*" will be available exclusively on YouTube soon.



Regards,

Kenneth R. Papp
Curator, Alaska Geologic Materials Center



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AOGCC Materials Received



- ✓ CONOCOPHILLIPS ALASKA INC ***Intrepid #2*** cuttings and chips (90'-3550')
- ✓ STORM CAT ENERGY CORPORATION ***Northern Dancer #1*** cuttings (240'-6233')
- ✓ ARCO ALASKA INC ***Wolf Lake ARCO/CIRI #1*** cuttings and chips (90'-13609')
- ✓ MARATHON OIL CO ***Ninilchik Unit G Oskolkoff #5*** cuttings (2260'-10384')

Processed Oil & Gas Well Materials



- ✓ TEXACO INC ***E. Kurupa Unit #1*** petrographic thin sections from cuttings (7050'-9450')
- ✓ TEXACO INC ***W. Kurupa Unit #1*** petrographic thin sections from cuttings (6960'-7050')
- ✓ HUSKY OIL NPR OPERATIONS INC ***Peard Test Well #1*** petrographic thin sections from cuttings (7830'-7840')
- ✓ HUSKY OIL NPR OPERATIONS INC ***S Meade #1*** petrographic thin sections from cuttings (7860'-7890')
- ✓ HUSKY OIL NPR OPERATIONS INC ***Kugrua #1*** petrographic thin sections from cuttings (8710'-8750')
- ✓ US NAVY ***Topagoruk Test #1*** petrographic thin sections from cuttings (6540'-6590')
- ✓ FOREST OIL CORP ***Lupine Unit #1*** petrographic thin sections from cuttings (6390'-6770')

Shipments Received



No shipments were received during the month of July.

Donations



- ✓ Jim Brown (Alaska Pacific Univ.): PAN AMERICAN ***Middle Ground Shoal State #3*** cuttings (130'-1490', 2720'-3650') and chips (9608'-9624'), PAN AMERICAN ***Middle Ground Shoal State #4*** cuttings (1050'-2060', 2720'-3650', 8240'-8870') and chips (7340'-7361') and HUMBLE OIL & REF. CO. ***Tyonek Reserve #1*** chips (Cores 1-9). Thank you, Mr. Brown.



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Data Reports



- ✓ No. 361: X-ray Diffraction Analysis of **Drew Point #1, East Simpson #1, East Simpson #2, Ikpikpuk #1, Seabee #1, W. Dease #1,**
- ✓ No. 362: QFT (Fluorescence) Characterization for **Inigok #1, MPU A1, Itkillik Unit #1**
- ✓ No. 363: Petrographic Analysis of Samples from 9 NPRA Wells, North Slope, Alaska: **East Simpson #2, West Dease#1, J.W. Dalton #1, East Simpson #1, Seabee #1, Drew Pt. #1, Topogoruk #1, South Meade #1, Ikpikpuk #1**
- ✓ No. 364: Advanced Rock Properties Study on Core samples from 8 wells in Alaska: **Drew Pt #1, East Simpson #1, East Simpson #2, Ikpikpuk #1, J.W. Dalton #1, Seabee #1, Topogoruk #1, and W. Dease #1**
- ✓ No. 365: Hydrocarbon Extracts From Core Chip Samples: **Ivishak#1, Susie #1, Gubik #2, Square Lake #1**
- ✓ No. 366: **Makushin Geothermal Project ST-1 Core** 2009 re-sampling and analysis: Analytical results for anomalous precious and base metals associated with geothermal systems

Visitations



There have been **82 visitations** to the GMC **since 30 June 2009**, including representation from:

- ✓ Aeon Biostratigraphic Services (Anchorage)
- ✓ Alaska Earth Sciences (Anchorage)
- ✓ AMSA
- ✓ Conoco Phillips
- ✓ Div. Mining, Land & Water, State of Alaska, Dept. Natural Resources (Anchorage)
- ✓ Talisman Energy's FEX L.P.
- ✓ Full Metal Minerals LTD (FMM)
- ✓ IRF Group, Inc. (Anchorage)
- ✓ Mainz University, Germany
- ✓ Minerals and Metals Group (MMG)
- ✓ U.S. Minerals Management Service (MMS, Anchorage)
- ✓ Petro-Canada
- ✓ University of Alaska, Fairbanks
- ✓ University of British Columbia
- ✓ WPA

cc: Rodney A. Combellick, Deputy Director of DGGS