



# MEMORANDUM

State of Alaska

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

PO BOX 772805  
EAGLE RIVER AK 99577  
Email: [john\\_reeder@dnr.state.ak.us](mailto:john_reeder@dnr.state.ak.us)

**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 February 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – January

1. The Alaska GMC received from industry the following processed oil/gas well materials:

ARCO Alaska Inc. **Alpine No. 3** – 2 petrographic thin sections of cuttings (4,000'-4,120'),  
Husky Oil NPR Operations Inc. (U. S. Navy) **Atigaru Point No. 1** – 3 petrographic thin sections of cuttings (9,420'-9,490'),  
Husky Oil NPR Operations Inc. (U. S. Navy) **East Teshekpuk No. 1** – 2 petrographic thin sections of cuttings (7,200'-8,200'),  
ConocoPhillips Alaska Inc. **Hunter A** – 1 petrographic thin section of cuttings (3,630'-3,640'),  
Husky Oil NPR Operations Inc. (U. S. Geological Survey) **Inigok No. 1** – 8 petrographic thin sections of cuttings (2,220'-13,700'),  
Atlantic Richfield Co. **Itkillik River Unit No. 1** – 4 petrographic thin sections of cuttings (11,400'-11,500'),  
Husky Oil NPR Operations Inc. (U. S. Geological Survey) **Kugrua No. 1** – 8 petrographic thin sections of cuttings (7,220'-8,840'),  
Husky Oil NPR Operations Inc. (U. S. Geological Survey) **Peard No. 1** – 5 petrographic thin sections of cuttings (6,540'-9,560'),  
ConocoPhillips Alaska Inc. **Scout No. 1** – 2 petrographic thin sections of cuttings (7,661'-7,715'),  
Husky Oil NPR Operations (U. S. Navy) **South Harrison Bay No. 1** – 1 petrographic thin section of cuttings (10,170'),  
ConocoPhillips Alaska Inc. **Carbon No. 1** – 8 petrographic thin sections of core (7,810'-7,876'),  
ARCO Alaska Inc. **Fiord No. 1** – 1 petrographic thin section of core (6,908'),  
ConocoPhillips Alaska Inc. **Nanuq No. 3** – 3 petrographic thin sections of core (8,533'-8,539'),  
BP Exploration (Alaska) Inc. **Narvaq No. 1** – 2 petrographic thin sections of core (7,314.5'-7,315.5'),  
Sohio Alaska Petroleum Co. **Nechelik No. 1** – 8 petrographic thin sections of core (9,764'-9,877'),  
ConocoPhillips Alaska Inc. **Placer No. 2** – 2 petrographic thin sections of core (8,211'-8,215'),  
ConocoPhillips Alaska Inc. **Spark No. 4** – 5 petrographic thin sections of core (7,711'-7,744'),  
Texaco Inc. **Wolfbutton 32-7-8** – 3 petrographic thin sections of core (8,364.5'-8,784'), and  
Husky Oil NPR Operations Inc. (U. S. Geological Survey) **Drew Point No. 1** – 7 petrographic thin sections of sidewall core (6,962'-7,032').

2. GMC had 171 telephone or written contacts during the reporting period. There have been **22** visitations to the GMC since 31 December 2006, including representation from:

Aeon Biostratigraphic Services (Anchorage)  
Chevron Corporation (Anchorage)  
Fortuna Exploration, FEX LP (Anchorage)  
IRF Group, Inc. (Anchorage)  
Northern Geotechnical Engineering (Anchorage)  
Talisman Energy Inc. (Calgary, Alberta, Canada)



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**\*\*\*\*\*Notice\*\*\*\*\***

Curator John Reeder will be on leave from the GMC 26 February 2007 through 23 March 2007.  
**Any sampling during this time needs to be approved by 25 February 2007.**

Contacts for Geologic Materials Center — total 193

Public: 6 Industry: 169 Univ.: 5 Fed. Govt: 6 State: 7 Other Govt: 0

FY2007 (7/1/06 – present) cumulative contacts for Geologic Materials Center – total 1,571

Public: 108 Industry: 1,302 Univ.: 41 Fed. Govt: 58 State: 62 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGS,  
GMC Mailing List



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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 March 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – February

1. The Alaska Geologic Materials Center received from industry the following **Data Reports:**

**No. 338:** Core analyses of the **Shell Oil Company OCS Y-0197-1 (Tern Island No. 3)** well (12,977.25'-13,221.35'); which includes permeability and porosity data, mercury injection capillary pressure data, X-ray diffraction data, sample photographs, petrographic thin-section photographs, and SEM photographs.

**No. 339: BP Exploration (Alaska) Inc. Kuparuk Uplands Ekvik No. 1** petrography from petrographic thin sections of core (4,759'-4,894').

2. GMC had 158 telephone or written contacts during the reporting period. There have been **23** visitations to the GMC since 31 January 2007, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- Arctic Slope Regional Corporation (Anchorage)
- IRF Group, Inc. (Anchorage)
- Petro-Canada (Alaska) Inc. (Calgary, Alberta, Canada)
- Pioneer Natural Resources Alaska Inc. (Anchorage)

**\*\*\*\*\*Notice\*\*\*\*\***

Curator John Reeder will be on leave from the GMC 14 May 2007 through 21 May 2007.  
**Any sampling during this time needs to be approved before.**

Contacts for Geologic Materials Center — total 181

Public:	11	Industry:	149	Univ.:	4	Fed. Govt:	5	State:	12	Other Govt:	0
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FY2007 (7/1/06 – present) cumulative contacts for Geologic Materials Center – total 1,752

Public:	119	Industry:	1,451	Univ.:	45	Fed. Govt:	63	State:	74	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGS,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 April 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – March

1. The Alaska Geologic Materials Center received from industry the following **apatite fission track** glass slides:

**Union Oil Company of California Amethyst No. 1** – 5 glass slide mounts (510'-10,750'),  
**Amoco Production Aufeis No. 1** – 4 glass slide mounts (510'-7,200'),  
**Husky Oil NPR Operations Inc. (U. S. Geological Survey) Awuna No. 1** – 4 glass slide mounts (1,800'-8,900'),  
**U. S. Navy Oumalik Test No. 1** – 4 glass slide mounts (500'-9,350'),  
**Atlantic Richfield Susie Unit No. 1** – 5 glass slide mounts (1,300'-9,600'), and  
**Texaco Inc. West Kurupa No. 1** – 5 glass slide mounts (500'-10,750').

2. GMC had 155 telephone or written contacts during the reporting period. There have been **22** visitations to the GMC since 28 February 2007, including representation from:

Aeon Biostratigraphic Services (Anchorage)  
Chevron Corporation (Anchorage)  
IRF Group, Inc. (Anchorage)  
Shell Oil Company (Anchorage)

**\*\*\*\*\*Notice\*\*\*\*\***

Curator John Reeder will be on leave from the GMC 14 May 2007 through 21 May 2007.  
**Any sampling during this time needs to be approved before.**

Contacts for Geologic Materials Center — total 177

Public: 13 Industry: 141 Univ.: 6 Fed. Govt: 3 State: 14 Other Govt: 0

FY2007 (7/1/06 – present) cumulative contacts for Geologic Materials Center – total 1,929

Public: 132 Industry: 1,592 Univ.: 51 Fed. Govt: 66 State: 88 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 June 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – May

1. The Alaska Geologic Materials Center (GMC) received from the **Alaska Oil and Gas Conservation Commission** the following oil/gas well samples:

**Aurora Gas LLC Nicolai Creek Unit 1B** washed cuttings (2,190'-3,672'),  
**ConocoPhillips Alaska Inc. Colville River Unit CD1-07** washed cuttings (3,060'-15,350'),  
**Marathon Oil Co. Beaver Creek Unit No. 13** washed cuttings (2,303'-10,500'; two sets), and  
**Marathon Oil Co. Cannery Loop Unit No. 7** washed cuttings (5,900'-10,864').

2. The GMC received from industry the following petrographic thin sections:

**Phillips Petroleum Co. Cook Inlet State 18740 No. 1** – 5 petrographic thin sections of cuttings (3,730'-4,690'), and  
**Union Texas Petroleum Pure Kahiltna Unit No. 1** – 5 petrographic thin sections of cuttings (4,010'-4,510').

3. On 10 May 2007, John Reeder gave a talk about rocks and minerals to about 40 students at the **Teeland Middle School** in Wasilla, Alaska.

4. GMC had 188 telephone or written contacts during the reporting period. There have been **31** visitations to the GMC since 30 April 2007, including representation from:

Aeon Biostratigraphic Services (Anchorage)  
Core Mongers (Seldotna)  
IRF Group, Inc. (Anchorage)  
NovaGold Resources Inc. (Round Mountain, Nevada)  
Petro-Canada (Calgary, Alberta, Canada)  
State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)  
U. S. Geological Survey (Anchorage)  
University of Alaska Fairbanks, Dept. of Geology and Geophysics

Contacts for Geologic Materials Center — total 219

Public: 20 Industry: 170 Univ.: 7 Fed. Govt: 6 State: 16 Other Govt: 0

FY2007 (7/1/06 – present) cumulative contacts for Geologic Materials Center – total 2,398

Public: 173 Industry: 1,947 Univ.: 68 Fed. Govt: 81 State: 129 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 July 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – June

1. The Alaska Geologic Materials Center (GMC) received from the **Alaska Oil and Gas Conservation Commission** the following oil/gas well samples:

**Aurora Gas LLC Three Mile Creek Unit No. 1** washed cuttings (90'-8,160'),  
**ConocoPhillips Alaska Inc. Colville River Fiord CD3-108** washed cuttings (870'-18,915'),  
**ConocoPhillips Alaska Inc. Iapetus No. 2** washed cuttings (120'-9,300'),  
**ConocoPhillips Alaska Inc. Kokoda No. 1** washed cuttings (90'-8,045') and core chips (6,837'-6,870'),  
**Kerr-McGee Oil & Gas Corporation Nikaitchuq No. 3** washed cuttings (1,200'-12,066'),  
**Kerr-McGee Oil & Gas Corporation Nikaitchuq No. 4** washed cuttings (1,510'-4,300', and then 2,900'-5,600'),  
**Marathon Oil Co. Paxton No. 1** washed cuttings (1,905'-10,115'),  
**Pioneer Natural Resources Alaska (Evergreen Resources) Lowell No. 2** washed cuttings (450'-3,750'),  
**Union Oil Company of California Happy Valley A-9** washed cutting in glass vials (3,300'-8,460'), and  
**Union Oil Company of California Pearl No. 1** washed cuttings (300'-8,000').

2. The Alaska GMC received from industry the following petrographic thin sections:

**ARCO Alaska Inc. Brontosaurus No. 1** – 1 petrographic thin sections of cuttings (4,370'-4,390') and 4 petrographic thin sections of core (4,397'-4,404'), and  
**Husky Oil NPR Operations (U. S. Geological Survey) Walakpa Test Well No. 1** – 5 petrographic thin sections of core (2,038'-2,078.2').

3. The Alaska GMC received the following **Data Report**:

**No. 340:** Routine permeability core analysis of the Husky NPR Operations Inc. (U. S. Geological Survey) **Peard Test Well No. 1** (7,839.3'-7,867.4') and of the Husky NPR Operations Inc. (U. S. Geological Survey) **Tulageak Test Well No. 1** (2948.8').

4. On 19 June 2007, John Reeder gave a talk about Alaskan Volcanoes to the **Alaska Prospectors Society** in Anchorage.

5. GMC had **281** telephone or written contacts during the reporting period. There have been **60** visitations to the GMC since 31 May 2007, including representation from:



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- Aeon Biostratigraphic Services (Anchorage)
- Alaska Earth Sciences (Anchorage)
- Calista Corporation (Anchorage)
- City of Unalaska (Unalaska)
- GeothermEx Inc. (Richmond, California)
- IRF Group, Inc. (Anchorage)
- Kettle Drilling Inc. (Wasilla)
- Petro-Canada (Calgary, Alberta, Canada)
- State of Alaska Division of Mining, Land, and Water; Dept. of Natural Resources (Anchorage and Juneau)
- U. S. Geological Survey (Anchorage)
- University of Alaska Anchorage, Dept. of Geological Sciences

Contacts for Geologic Materials Center — total 341

Public:	38	Industry:	232	Univ.:	28	Fed. Govt:	12	State:	19	Other Govt:	12
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FY2007 (7/1/06 – present) cumulative contacts for Geologic Materials Center – total 2,739

Public:	211	Industry:	2,179	Univ.:	96	Fed. Govt:	93	State:	148	Other Govt:	12
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cc: Rodney A. Combellick, Deputy Director of DGGS,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 August 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – July

1. The Alaska Geologic Materials Center (GMC) received from the **Alaska Oil and Gas Conservation Commission** the following oil/gas well samples:

**ConocoPhillips Alaska Inc. Kokoda No. 5** washed cuttings (108'-11,122').

2. The Alaska GMC received from industry the following processed materials:

**Shell Oil Company OCS Y-0197-1 (Tern No. 3)** – 18 petrographic thin sections from core (12,977.25'-13,221.35'; and 15,064.00'-15,105.60').

3. The Alaska GMC received the following **Data Reports:**

**No. 341:** Notes on the petrography of the Kugrua Sandstone in the Husky NPR Operations Inc. (U. S. Geological Survey) Peard Test Well No. 1.

**No. 342:** Chemostrat analysis of cuttings from the Pennzoil Co. Starichkof State No. 1 (6,350'-7,500') and the Starichkof State Unit No. 1 (6,900'-7,370').

4. GMC had **239** telephone or written contacts during the reporting period. There have been **53** visitations to the GMC since 30 June 2007, including representation from:

Aeon Biostratigraphic Services (Anchorage)  
Alaska Earth Sciences (Anchorage)  
BP Exploration (Alaska) Inc. (Anchorage)  
ConocoPhillips Alaska Inc. (Anchorage)  
D. A. Hedderly-Smith & Associates (Park City, Utah)  
IRF Group, Inc. (Anchorage)  
Pennsylvania State University, Dept. of Earth & Environmental Sciences (University Park, Pennsylvania)  
University of Alaska Anchorage, Dept. of Geological Sciences

Contacts for Geologic Materials Center — total 292

Public: 30 Industry: 229 Univ.: 11 Fed. Govt: 10 State: 12 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 292

Public: 30 Industry: 229 Univ.: 11 Fed. Govt: 10 State: 12 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 3 September 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – August

1. The Alaska GMC received from industry the following processed materials:

**AMOCO Aufeis No. 1** - 263 picked Foraminifera glass slides from cuttings (75'-7,954'),

**U.S. Navy Fish Creek Test Well No. 1** – 22 picked Foraminifera glass slides from cuttings (6,800'-7,020') and 77 picked Foraminifera glass slides from core (225'-7,020'; Core 1 through Core 75),

**ARCO Alaska Inc. Kalubik No. 1** – 2 petrographic thin sections from cuttings (5,040'-5,190') and 9 petrographic thin sections from core (5,190'-6,100'),

**ConocoPhillips Alaska Inc. Nanuk No. 2** – 1 petrographic thin section from cuttings (7,030'-7,070') and 24 petrographic thin sections from core (7,073'-7,191'), and

**U. S. Navy Sentinel Hill Core Test No. 1** – 14 picked Foraminifera glass slides from core (819'-1,180'; Cores 72 through 108).

2. The Alaska GMC received the following **Data Reports:**

**No. 343:** Geochemical data (HC-show evaluation) for the following samples:

U. S. Navy Meade No. 1 core (2,959'),  
U. S. Navy South Simpson No. 1 cuttings (3,000'-3,030'),  
U. S. Navy East Topagoruk No. 1 core (2,240' & 2,249'),  
U. S. Navy Oumalik No. 1 core (989', 997.25; and 1,625');

as well as

Geochemical data (source-rock evaluation for the following samples:

U. S. Navy Oumalik No. 1 cuttings (10,880'-10,890', 10,920'-10,930', 10,960'-10,970', 11,000'-11,010'), and  
U. S. Navy Oumalik No. 1 core (10,992').

**No. 344:** Investigations of some mineralogical, petrological, geochemical, and geological relationships at the Arctic Chief (West) locality, Whitehorse Copper Belt, Yukon Territory, Canada.



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3. GMC had **255** telephone or written contacts during the reporting period. There have been **58** visitations to the GMC since 31 July 2007, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- Alaska Oil and Gas Conservation Commission (Anchorage)
- Bradley Ashton & Associates (Winleby, United Kingdom)
- BP (Sunbury, United Kingdom)
- BP Exploration (Alaska) Inc. (Anchorage)
- IRF Group, Inc. (Anchorage)
- Renaissance Alaska, LLC (Houston, Texas)
- State of Alaska Division of Geological and Geophysical Surveys (Fairbanks)
- State of Alaska Division of Oil and Gas; Dept. of Natural Resources (Anchorage)
- University of Alaska Anchorage, Dept. of Geological Sciences
- University of Alaska Fairbanks, Dept of Geology and Geophysics
- U. S. Minerals Management Service (Anchorage)

Contacts for Geologic Materials Center — total 313

Public:	29	Industry:	220	Univ.:	33	Fed. Govt:	15	State:	16	Other Govt:	0
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FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 605

Public:	59	Industry:	449	Univ.:	44	Fed. Govt:	25	State:	28	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGS,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 October 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – September

1. The Alaska GMC received from industry the following processed materials:

**ARCO Alaska Inc. Brontosaurus No. 1** – 5 petrographic thin sections from core (4,405’-4,412’),

**Husky Oil NPR Operations Inc. (U. S. Navy) East Teshekpuk T. W. No. 1** – 5 petrographic thin sections from cuttings (7,100’-7,150’),

**ConocoPhillips Alaska Inc. Kokoda No. 1** – 1 petrographic thin section from cuttings (6,810’-6,840’) and 11 petrographic thin sections from core (6,839’-6,867’),

**Husky Oil NPR Operations Inc. (U. S. Geological Survey) South Meade No. 1** – 10 petrographic thin section from cuttings (6,320’-6,470’, and 6,710’-6,750’), and

**U. S. Navy (Husky Oil NPR Operations Inc.) W. T. Foran No. 1** – 1 petrographic thin sections from cuttings (7,510’-7,550’).

2. The Alaska GMC received the following **Data Report:**

No. 345: Permeability to Air, Porosity, and Grain Density determinations of core plugs from the Shell Oil Company Middle Ground Shoal No. C31-26 well.

3. GMC had **196** telephone or written contacts during the reporting period. There have been **35** visitations to the GMC since 31 August 2007, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- ConocoPhillips Alaska, Inc. (Anchorage)
- IRF Group, Inc. (Anchorage)
- OMNI Laboratories, Inc. (Houston, Texas)
- State of Alaska Division of Mining, Land, and Water, Dept. of Natural Resources (Anchorage)
- Talisman Energy Inc.; FEX (Anchorage)
- University of Alaska Fairbanks, Dept. of Geology and Geophysics
- University of Alaska Fairbanks, Dept. of Petroleum Engineering

Contacts for Geologic Materials Center — total 231

Public: 19	Industry: 171	Univ.: 20	Fed. Govt: 9	State: 12	Other Govt: 0
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FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 836

Public: 78	Industry: 620	Univ.: 64	Fed. Govt: 34	State: 40	Other Govt: 0
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cc: Rodney A. Combellick, Deputy Director of DGGs,  
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**TO:** Robert Swenson  
Acting Director & State Geologist

**DATE:** 1 November 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – October

1. The Alaska Geologic Materials Center (GMC) received from the **U. S. Bureau of Land Management** nickel-copper-cobalt mineral core for the original **U. S. Bureau of Mines Funter Bay Hole No. 1** (44 boxes of core, 0' to 443' T.D.) of the Juneau Quadrangle.
2. The Alaska GMC received from industry the following processed materials:  
  
**Texaco East Kurupa No. 1** – 414 picked Foraminifera glass slides from cuttings (260' – 12,696'), and  
  
**Texaco West Kurupa No. 1** – 361 picked Foraminifera glass slides from cuttings (257'-11,060').
3. The Alaska GMC received the following **Data Report:**  
  
**No. 346:** Palynological data package for cored Ugnu reservoirs (3,979.2' – 4,357.7') in Milne Point Unit MPD-02 well.
4. GMC **225** had telephone or written contacts during the reporting period. There have been **45** visitations to the GMC since 30 September 2007, including representation from:  
  
Aeon Biostratigraphic Services (Anchorage)  
BP Exploration (Alaska) Inc. (Anchorage; and Sparks, Nevada)  
Calista Corporation (Anchorage)  
ConocoPhillips Alaska Inc. (Anchorage)  
IRF Group, Inc. (Anchorage)  
State of Alaska Division of Oil and Gas; Dept. of Natural Resources (Anchorage)  
Talisman Energy Inc.; FEX (Anchorage)  
University of Alaska Fairbanks, Dept. of Geology and Geophysics  
U. S. Bureau of Land Management (Anchorage)

**\*\*\*\* NOTICE \*\*\*\***

Curator John W. Reeder will be gone from the Alaska GMC from 26 December 2007 through 22 January 2008. During this time, **Susan Browne will be acting curator**. It is recommended that if you have any sampling needs during this time that you make arrangements with the GMC before 26 December 2007.

Contacts for Geologic Materials Center — total 270

Public: 21 Industry: 184 Univ.: 17 Fed. Govt: 16 State: 32 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 1,106

Public: 99 Industry: 804 Univ.: 81 Fed. Govt: 50 State: 72 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
GMC Mailing List



# MEMORANDUM

# State of Alaska

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

PO BOX 772805  
EAGLE RIVER AK 99577  
Email: [john.reeder@alaska.gov](mailto:john.reeder@alaska.gov)

**TO:** Robert Swenson  
State Geologist and Acting Director

**DATE:** 1 December 2007

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – November

1. The Alaska GMC received from industry the following processed materials:

**Union Oil Company of California Trading Bay No. 2** - 2 petrographic thin sections from side wall cores (9,438' and 9,550').

2. The Alaska GMC received the following **Data Reports:**

**No. 347:** Rock strength test on cores (4464'4", 4464.5', 4553'0", 4560.0', and 4570'0") from the Phillips Petroleum Company North Cook Inlet Unit A-02 well, and

**No. 348:** Skarns and ore deposits of the Whitehorse Copper Belt, Yukon Territory, Canada: Some aspects of petrogenesis and mineralization at the Arctic Chief, Little Chief, and Black Cub South localities.

3. GMC had **218** telephone or written contacts during the reporting period. There have been **39** visitations to the GMC since 31 October 2007, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- BP Exploration (Alaska) Inc. (Anchorage)
- Frontera Resources (Houston, Texas)
- IRF Group, Inc. (Anchorage)
- Newmont Mining Corporation (Denver, Colorado)
- OMNI Laboratories, Inc. (Anchorage)
- Petrotechnical Resources of Alaska, PRA Inc. (Anchorage)
- Shell Exploration and Production Co. (Anchorage)
- State of Alaska Division of Oil and Gas; Dept. of Natural Resources (Anchorage)
- Talisman Energy Inc., FEX (Anchorage)
- University of Alaska Fairbanks, Dept. of Geology and Geophysics
- University of Cambridge (Cambridge, United Kingdom)

**\*\*\*\* NOTICE \*\*\*\***

Curator John W. Reeder will be gone from the Alaska GMC from 26 December 2007 through 22 January 2008, and again 18 February through 19 March 2008. During these times, **Susan Browne will be acting curator**. It is recommended that if you have any sampling needs during these times that you make arrangements with the GMC before these dates.

Contacts for Geologic Materials Center — total 257

Public: 13 Industry: 181 Univ.: 35 Fed. Govt: 8 State: 20 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 1,363

Public: 112 Industry: 985 Univ.: 116 Fed. Govt: 58 State: 92 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
GMC Mailing List



# MEMORANDUM

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Email: [john.reeder@alaska.gov](mailto:john.reeder@alaska.gov)

**TO:** Robert Swenson  
State Geologist and Acting Director

**DATE:** 2 January 2008

**FILE NO:**

**FROM:** John W. Reeder  
Curator, Alaska Geologic Materials Center

**SUBJECT:** Monthly Report – December

1. The Alaska Geologic Materials Center (GMC) received from the Alaska Oil and Gas Conservation Commission the following oil/gas exploratory well sample materials:

**Aurora Gas LLC Aspen No. 1** washed cuttings (90'-4,485').

2. The Alaska GMC received from industry the following processed materials:

**Sohio Alaska Petroleum Company OCS Y-0334-1 (Mukluk No. 1)** – 6 kerogen/TAI slides of core (7,377'-7,404') and 6 palynology glass slides from core (7,377'-7,404').

3. The Alaska GMC received the following **Data Report:**

**No. 349:** Geochemical analyses performed on two cutting samples (4,650'-4,710') from the Tenneco OCS Y-0338-1 (Phoenix No. 1) well.

4. GMC **171** had telephone or written contacts during the reporting period. There have been **27** visitations to the GMC since 30 November 2007, including representation from:

Aeon Biostratigraphic Services (Anchorage)  
BP Exploration (Alaska) Inc. (Anchorage)  
IRF Group, Inc. (Anchorage)  
State of Alaska Division of Oil and Gas; Dept. of Natural Resources (Anchorage)  
Talisman Energy Inc.; FEX (Anchorage)  
University of Alaska Anchorage, Matanuska Susitna College  
University of Alaska Fairbanks, Dept. of Geology and Geophysics  
University of Cambridge (Cambridge, United Kingdom)

**\*\*\*\* NOTICE \*\*\*\***

Curator John W. Reeder will be gone from the Alaska GMC from 18 February 2008 through 7 March 2008. During this time, **Susan Browne will be acting curator**. It is recommended that if you have any sampling needs during this time that you make arrangements with the GMC before 18 February 2008.

Contacts for Geologic Materials Center — total 198

Public: 10 Industry: 143 Univ.: 26 Fed. Govt: 6 State: 13 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 1,561

Public: 122 Industry: 1,128 Univ.: 142 Fed. Govt: 64 State: 105 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,  
GMC Mailing List