



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

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 February 2008

FILE NO:

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

SUBJECT: Monthly Report – January

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 Kaloa No. 4 washed cuttings (60'-4,431').

2. The Alaska GMC received the following Data Report:

No. 350: Mercury injection capillary pressure data from selected wells in the NPRA, Alaska as follows:
U. S. Navy Ikpikpak No. 1 core (7,369'-7,370'), cuttings (7,430'-7,480') and sidewall core (7,474');
Husky Oil NPR Operations (U. S. G. S.) South Meade No. 1 cuttings (6,700'-6,710');
ARCO Alaska Inc. Brontosaurus No. 1 cuttings (4,340'-4,370') and core (4,397'-4,404');
Husky Oil NPR Operations (U. S. G. S.) Walakpa No. 1 core (2,035'-2,078.2'); and
Husky Oil NPR Operations (U. S. G. S.) Walakpa No. 2 cuttings (2,580'-2,610') and core (2,611'-2,635').

3. GMC had **154** telephone or written contacts during the reporting period. There have been **37** visitations to the GMC since 31 December 2007, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
IRF Group, Inc. (Anchorage)
Petro-Canada (Alaska) Inc. (Calgary, Alberta, CANADA)
State of Alaska Division of Geological and Geophysical Surveys; Dept. of Natural Resources (Fairbanks)
Talisman Energy Inc.; FEX (Anchorage)
University of Alaska Fairbanks, Dept. of Geology and Geophysics
U. S. Geological Survey (Anchorage)

****** 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 191

Public: 11 Industry: 160 Univ.: 9 Fed. Govt: 3 State: 8 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 1,752

Public: 133 Industry: 1,288 Univ.: 151 Fed. Govt: 67 State: 113 Other Govt: 0

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



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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 3 March 2008

FILE NO:

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

SUBJECT: Monthly Report – February

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 Three Mile Creek Unit No. 2 washed cuttings (90’-5,305’), and
ConocoPhillips Kuparuk River Unit West Sak 1Q-101 washed cuttings (120’-5,000’).

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

No. 351: Geochemical analysis of Alaska North Slope NPR-A oil samples at the Alaska GMC from:

Umiat (generic) – Nanushuk Reservoir,
U. S. Navy Simpson Core Test No. 27 – Nanushuk Reservoir, and
North Slope Borough (U. S. Navy) South Barrow No. 12 – Sag River Reservoir.

3. GMC had **159** telephone or written contacts during the reporting period. There have been **34** visitations to the GMC since 31 January 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
IRF Group, Inc. (Anchorage)
NovaGold Resources Inc. (Vancouver, British Columbia, CANADA)
State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
University of Alaska Fairbanks, Dept. of Geology and Geophysics
Wayland Baptist University (Wasilla)

****** NOTICE ******

Curator John W. Reeder will be gone from the Alaska GMC from 28 April 2008 through 16 May 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 28 April 2008.

Contacts for Geologic Materials Center — total 193

Public: 10 Industry: 161 Univ.: 8 Fed. Govt: 5 State: 9 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 1,945

Public: 143 Industry: 1,449 Univ.: 159 Fed. Govt: 72 State: 122 Other Govt: 0

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



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EAGLE RIVER AK 99577
Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 April 2008

FILE NO:

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

SUBJECT: Monthly Report – March

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 Kaloa No. 2 washed cuttings (20'-3,220'),
Aurora Gas LLC Moquawkie No. 3 washed cuttings (90'-2,580'),
Aurora Gas LLC Lone Creek No. 3 washed cuttings (60'-3,030'),
Marathon Oil Company Kenai Beluga Unit 11-7 core chips (5,080'-5,254'),
Teck Cominco Alaska Incorporated NB 01 washed cuttings (86'-2,726'),
Teck Cominco Alaska Incorporated NB 02 washed cuttings (103'-3,110'),
Union Oil Company of California Happy Valley A-2 washed cuttings (3,100'-10,225'), have two sets,
Union Oil Company of California Happy Valley A-4 washed cuttings (950'-10,620'),
Union Oil Company of California Happy Valley A-6 washed cuttings (1,070'-11,798'),
Union Oil Company of California Happy Valley B-12 washed cuttings (120'-10,400'), and
Union Oil Company of California Happy Valley B-13 washed cuttings (1,170'-7,746'),

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

No. 352: Chemostratigraphy of Oligo-Miocene sequences in Cook Inlet, Alaska as based from core samples from the following wells:

ConocoPhillips Alaska Inc. North Cook Inlet Unit A-02 (4,445.5'-5,014.5'),
XTO Energy Inc. (Shell Oil Company) Middle Ground Shoal A13-01 (4,150.0'-8,533.3'),
XTO Energy Inc. (Shell Oil Company) Middle Ground Shoal A33-11 (8,612.5'-9,392.0'),
XTO Energy Inc. (Shell Oil Company) Middle Ground Shoal C31-26 (8,445.0'-9,068.0'),
ARCO Alaska Inc. Swanson River Unit 34-10, which is the Swanson River Unit No. 1 discovery well (4,720.37'-12,276'), and
Standard Oil Company of California Deep Creek Unit No. 1 (1,000.0'-13,773').

3. GMC had **209** telephone or written contacts during the reporting period. There have been **73** visitations to the GMC since 29 February 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Arctic Slope Regional Corporation, ASRC Energy Services (Anchorage)
Benchmark Oil & Gas Company (Houston, Texas)
Hite Consulting (Anchorage)
IRF Group, Inc. (Anchorage)
On-Line Exploration Services (Anchorage)
Petro-Canada (Alaska) Inc. (Calgary, Alberta, CANADA)
State of Alaska Division of Parks and Outdoor Recreation, Dept. of Natural Resources (Anchorage)
Talisman Energy Inc.; FEX (Anchorage; Calgary, Alberta, CANADA)



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Alaska GMC contacts continued:

- University of Alaska Anchorage, Dept. of Geological Sciences
- University of Alaska Fairbanks, Dept. of Geology and Geophysics
- University of Alaska Fairbanks, Dept. of Petroleum Engineering
- University of Alaska Fairbanks, Geophysical Institute
- U. S. Geological Survey (Anchorage)

****** NOTICE ******

Curator John W. Reeder will be gone from the Alaska GMC from 28 April 2008 through 16 May 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 28 April 2008.

Contacts for Geologic Materials Center — total 282

Public:	19	Industry:	215	Univ.:	28	Fed. Govt:	8	State:	12	Other Govt:	0
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FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 2,227

Public:	162	Industry:	1,664	Univ.:	187	Fed. Govt:	80	State:	134	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGS,
GMC Mailing List



Plicatella tricornitata, a fossil fern spore from Albian (mid-Cretaceous) strata, Alaska North Slope (from the GMC palynological collection). Approximately 100 million years old. Magnification 750X. Photograph courtesy Dr. Robert L. Ravn, IRF Group, Anchorage.



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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 May 2008

FILE NO:

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

SUBJECT: Monthly Report – April

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

ConocoPhillips Alaska Inc. Kuparuk River Unit West Sak 3J-101 washed cuttings (90'-6,274'),
Evergreen Resources (Alaska) Kashwitna Lake No. 1 washed cuttings (1,402'-1,770'),
Forest Oil Corporation West Foreland No. 2 washed cuttings (6,240'-10,500'),
Kerr-McGee Oil & Gas Corp. Tuvaq State No. 1 washed cuttings (8,985'-17,630'),
Marathon Oil Co. Kenai Beluga Unit 41-6 core chips (7,760.8'-8,536.2'),
Marathon Oil Co. Ninilchik Unit Grassim Oskolkoff No. 3 washed cuttings (8,580'-13,770') and core chips/plugs (9,794'-9,862', and 12,212'-12,280'),
Marathon Oil Co. Ninilchik Unit Grassim Oskolkoff No. 4 washed cuttings (3,300'-8,175'),
Pioneer Natural Resources Baranof No. 4 washed cuttings (300'-3,750'),
Pioneer Natural Resources Bering No. 3 washed cuttings (400'-3,750'), and
Union Oil Company of California Swanson River Unit 241-16 washed cuttings (1,590'-4,300').

2. The GMC received the following processed materials:

Husky Oil NPR Operations (U. S. Geological Survey) Inigok Test Well No. 1 – 1 kerogen/TAI glass slide from core (20,091') and **1 palynology** glass slide from core (20,091'), and

U. S. Navy Topagoruk Test Well No. 1 – 3 kerogen/TAI glass slides from core (10,440', 10,442', and 10,449') and 3 palynology glass slides from core (10,440', 10,442', and 10,449').

3. GMC had **160** telephone or written contacts during the reporting period. There have been **20** visitations to the GMC since 31 March 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Calista Corporation (Anchorage)
IRF Group, Inc. (Anchorage)
Petro-Canada (Alaska) Inc. (Calgary, Alberta, CANADA)
Restoration Science and Engineering (Anchorage)
University of Alaska Anchorage
U. S. Geological Survey (Anchorage)

Contacts for Geologic Materials Center — total 180

Public: 17 Industry: 135 Univ.: 12 Fed. Govt: 6 State: 10 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 2,407

Public: 179 Industry: 1,799 Univ.: 199 Fed. Govt: 86 State: 144 Other Govt: 0

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



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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 2 June 2008

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 exploratory well sample materials:

Conoco-Phillips Alaska Inc. Antigua No. 1 washed cuttings (0'-6,850'),
Kerr-McGee Oil Corp Nikaitchuq No. 2 core chips (10,390'-10,480'),
Kerr-McGee Oil Corp Kigun No. 1 washed cuttings (1,948'-9,098'),
Marathon Oil Company Ninilchik State No. 1 washed cuttings (1,745'-10,340'),
Marathon Oil Company Ninilchik Unit Susan Dionne No. 4 core chips (8,256'-8,341', & 10,940'-11,032'),
Pioneer Natural Resources Hailstorm No. 1 washed cuttings (60'-9,840'),
Pioneer Natural Resources Cronus No. 1 washed cuttings (0'-7,940'), and
Union Oil Company of California Happy Valley A-3 washed cuttings (1,010'-7,430').

2. The Alaska GMC received the following processed materials from the **U. S. Minerals Management Service**:

Exxon OCS Y-0080-1 (Raccoon No. 1) – 6 calcareous nannofossil glass slides from cuttings (8,220'-13,500') and 6 palynology glass slides from cuttings (8,220'-13,500'), and

Marathon Oil Co. OCS Y-0086-1 (Puffin No. 1) – 1 kerogen/TAI glass slide from core (9,416'-9,430'), 1 palynology glass slide from core (9,416'-9,430') and 1 vitrinite reflectance plug from core (9,416'-9,430').

3. The GMC had **171** telephone or written contacts during the reporting period. There have been **25** visitations to the GMC since 30 April 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
IRF Group, Inc. (Anchorage)
State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
U. S. Geological Survey (Anchorage)

Contacts for Geologic Materials Center — total 196

Public: 29 Industry: 133 Univ.: 11 Fed. Govt: 10 State: 13 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 2,603

Public: 208 Industry: 1,932 Univ.: 210 Fed. Govt: 96 State: 157 Other Govt: 0

cc: Rodney A. Combellick, Deputy Director of DGGs,
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PO BOX 772805
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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 July 2008

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 exploratory well sample materials:

Union Oil Company of California Happy Valley A-10 unwashed cuttings (60'-8,420'), and **Union Oil Company of California Happy Valley A-11** washed cuttings (1,000-10,082').

2. The GMC received the following processed materials from the **Minerals Management Service:**

Texaco OCS Y-0032-1 (Rachel No. 1) – 68 siliceous microfossil slides from cuttings (475'-15,280').

3. The GMC received **diamond drill core** from geologist Milt Wiltse for four holes of the 1972 Wallace MacGregor and Louisiana Land and Exploration Co. **Ruo Cove** massive sulfide prospect of Prince William Sound. These cores are as follows: RC-1, 10'-125', not complete, 5 boxes; RC-2, 81.6'-182.1', not complete, 5 boxes; RC-3, 141.3'-155', not complete, 1 box; and RC-4, 8.5'-66.9', complete, 3 boxes.

4. The GMC received 6 pallets of **Alaska Div. Geological & Geophysical Surveys** surface rock samples.

5. The GMC received from the **Bureau of Land Management** 9 pallets of Alaska surface rock samples.

6. The GMC had **229** telephone or written contacts during the reporting period. There have been **51** visitations to the GMC since 31 May 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Oil and Gas Conservation Commission (Anchorage)
Carnegie Minerals Plc. (Melbourne, Australia)
Cathedral Rock Enterprises Llc. (Kimberly, Oregon)
IRF Group, Inc. (Anchorage)
Petro-Canada (Calgary, Alberta, Canada)
State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
State of Alaska Division of Parks and Outdoor Recreation, Office of History and Archeology (Anchorage)
U. S. Geological Survey (Anchorage; and Reston, Virginia)
University of Calgary, Dept. of Geology (Calgary, Alberta, Canada)
University of Nevada, MacKay School of Mines (Reno, Nevada)

Contacts for Geologic Materials Center — total 280

Public: 33 Industry: 171 Univ.: 22 Fed. Govt: 25 State: 29 Other Govt: 0

FY2008 (7/1/07 – present) cumulative contacts for Geologic Materials Center – total 2,883

Public: 241 Industry: 2,103 Univ.: 232 Fed. Govt: 121 State: 186 Other Govt: 0

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



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PO BOX 772805
EAGLE RIVER AK 99577
Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 August 2008

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 sample materials:

BP Exploration ALASKA Inc. West Gwydyr No. 1 unwashed cuttings (600'-11,030'; the washed cuttings were received March 2002 and again directly from BP Exploration (Alaska) Inc. as a donation),

ConocoPhillips Endeavor No. 1 washed cuttings (60'-8,420'),

Kerr McGee Ataruq No. 2 washed cuttings (110'-7,400'),

Kerr McGee Ataruq No. 2A washed cuttings (3,360'-11,242'),

Union Oil Company of California Happy Valley A-1 washed cuttings (1,050'-10,870'),

Union Oil Company of California Happy Valley A-3 washed cuttings (7,430'-11,344'; shallower cuttings were received in May 2008),

Union Oil Company of California Pearl No. 1 washed cuttings (5,060'-7,480', which completes cuttings received in June 2007),

Union Oil Company of California Red No. 1 washed cuttings (70'-12,458'), and

Union Oil Company of California Red No. 2 washed cuttings (1,530'-10,180').

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

ARCO Alaska Inc. Meltwater North No. 2 – 10 petrographic thin sections of core (5,731'-5,866'),

ARCO Alaska Inc. Meltwater South No. 1 – 14 petrographic thin sections of core (7,278'-7,407'),

ARCO Alaska Inc. Tarn No. 2 – 27 petrographic thin sections of core (5,517'-5,642'),

ARCO Alaska Inc. Tarn No. 3 – 20 petrographic thin sections of core (5,217'-5,306'),

ARCO Alaska Inc. Tarn No. 4 – 19 petrographic thin sections of core (5,460'-5,539'),

ConocoPhillips Alaska Inc. Kuparuk River Unit Palm 3S-16 – 16 petrographic thin sections of core (5,913'-5,928'),

ConocoPhillips Alaska Inc. Kuparuk River Unit Tarn 2N-313 – 28 petrographic thin sections of core (8,576'-8,818'), and

Sinclair Oil and Gas Little Twist Unit No. 1 – 5 petrographic thin sections of core (1,508'-1,516'; and 2,505'-2,509').

3. The GMC received **11 pallets** of rock reject and pulp from core and soil samples of the **Calista Corporation Nyac** (a name derived from New York Alaska Company) gold property of **Tuluksak River** in Southwestern Alaska. The **Calista Corporation** also kindly **donated one 40' metal container**, which has already been positioned at the GMC facility. The GMC now has a total of 58 metal containers.

4. The GMC received the following Data Report:

No. 353: Viscosity and Gravity of Historical Oil Samples from U. S. Navy Umiat (Blend, unknown well number) and from **U. S. Navy Umiat Ruby No. 1** (renamed **Umiat Test Well No. 4**); both from the Irv Tailleux U. S. Geological Survey collection at the Alaska GMC.



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Email: john.reeder@alaska.gov

5. The GMC had **243** telephone or written contacts during the reporting period. There have been **49** visitations to the GMC since 30 June 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Green Energy, LLC (Palmer)
ConocoPhillips Alaska, Inc. (Anchorage)
Chevron North America Exploration & Production (Anchorage)
FEX L.P., Talisman Energy Inc. (Anchorage)
IRF Group, Inc. (Anchorage)
Kiiguusi Suuluta Land Company, LLC (Grass Valley, California)
State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
U. S. Bureau of Land Management (Anchorage)
U. S. Geological Survey (Anchorage)

****** NOTICE ******

Curator John W. Reeder will be gone from the Alaska GMC from 27 October 2008 through 25 November 2008. During this time, **Jean Riordan 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 27 October 2008.

Contacts for Geologic Materials Center — total 292

Public: 29 Industry: 186 Univ.: 22 Fed. Govt: 24 State: 33 Other Govt: 0

FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 292

Public: 29 Industry: 186 Univ.: 20 Fed. Govt: 24 State: 33 Other Govt: 0

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



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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 September 2008

FILE NO:

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

SUBJECT: Monthly Report – August

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

ARCO Alaska Inc. Stinson No. 1 washed cuttings (300'-16,156') and core chips for Cores 1 through 5 (12,716'-16,106').
2. The GMC received 6 crates of core from **Amchitka Island** (the rough equivalent of 22 pallets of core, 24,000 pounds) from the **Civil Engineering Department** of the **University of Alaska Fairbanks**. The cores relate to the Amchitka nuclear tests and are not all of the cores taken by the U. S. Government.
3. The GMC received 8 pallets of unfrozen (previously frozen) continuous core (107'-2,300'TD) for the **Anadarko Petroleum Corporation Hot Ice No. 1**, which was from their methane-hydrate exploratory project in northern Alaska. These materials were received from the **Petroleum Engineering Department** of the **University of Alaska Fairbanks**.
4. The GMC had **259** telephone or written contacts during the reporting period. There have been **27** visitations to the GMC since 31 July 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
 Cathedral Rock Enterprises LLC (Kimberly, Oregon)
 ConocoPhillips Alaska, Inc. (Anchorage)
 IRF Group, Inc. (Anchorage)
 OMNI Labs (Anchorage; and Lakewood, Colorado)
 Talisman Energy Inc. (Calgary, Alberta, CANADA)
 State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
 U core Uranium (Kimberly, Oregon)
 U. S. Geological Survey (Anchorage)

****** NOTICE ******

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Contacts for Geologic Materials Center — total 286

Public:	33	Industry:	171	Univ.:	22	Fed. Govt:	26	State:	30	Other Govt:	0
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FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 578

Public:	55	Industry:	357	Univ.:	53	Fed. Govt:	50	State:	63	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGs,
GMC Mailing List



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Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 October 2008

FILE NO:

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

SUBJECT: Monthly Report – September

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

Teck Cominco Alaska Incorporated NB-03 cuttings (106'-3,502'),
ConocoPhillips Alaska Inc. Kuparuk River Unit 1H-South cuttings (100'-7,550'),
ConocoPhillips Alaska Inc. Kuparuk River Unit 1H-North cuttings (60'-4,631'),
ConocoPhillips Alaska Inc. Kuparuk River Unit 1R-East cuttings (60'-8,075'), and
Union Oil Company of California Soldotna Creek Unit 42-05X cuttings (2,650'-8,155').

2. The GMC received the following processed materials from the U. S. **Minerals Management Service**:

ARCO Alaska Inc. OCS Y-0161-1 (Hawk No. 1) – 19 petrographic thin sections of core (2,076'-2,090'; and 8,345'-8,373'),

ARCO Alaska Inc. OCS-0211-1 (Yakutat No. 1) – 34 petrographic thin sections of core (7,576'-17,802'),
Chevron USA, Inc. OCS Y-0243-1 (Falcon Prospect No. 1) – 10 petrographic thin sections of Core No. 5 (4,616'-4,628'),

Phillips Petroleum Company OCS Y-0124-1A (South Arch No. 1) – 2 petrographic thin sections of core (7,091' & 7,093'), and

Phillips Petroleum company OCS Y-0152-1 (Bowhead) – 21 petrographic thin sections of core (9,766'-9,775'; 11,486'-11,496'; and 11,870'-11,880').

3. The GMC received 6 pallets of iron-titanium-platinum core from the **Bristol Bay Native Corporation Kemuk Mountain Prospect**, Nushagax Basin, Southwest Alaska; representing 8,338 feet of core from 14 holes.

4. The GMC received the following **Data Report**:

No. 354: XRF Analyses of Husky Oil NPR Operations Inc. (U. S. Geological Survey) Walakpa Test Well No. 1, Core No. 5 (2,037.3', and 2,038.3').

5. The GMC received on 16 September from the U. S. **Bureau of Land Management** two 40' metal containers. Shortly later, the GMC also received from **BLM** enough metal shelving to shelf these two containers and the earlier container donated by the **Calista Corporation**. This donation helps add critical back-up storage space to the facility that had been used just over the summer. Such donations are critical for the never ending growth needs of the facility! THANKS!!!

6. The GMC had **289** telephone or written contacts during the reporting period. There have been **55** visitations to the GMC since August 31 2008, including representation from:



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

- Aeon Biostratigraphic Services (Anchorage)
- Alaska Earth Sciences (Anchorage)
- Applied Reservoir Petroleum, LLC (Dallas, Texas)
- BP Corporation (Sunbury-on-Thames, United Kingdom)
- Calista Corporation (Anchorage)
- ConocoPhillips Alaska Inc. (Anchorage)
- Donlin Creek LLC (Anchorage)
- FEX, Talisman (Anchorage)
- IRF Group, Inc. (Anchorage)
- OMNI Labs (Anchorage; Lakewood, Colorado; and Houston, Texas)
- State of Alaska Division of Oil and Gas, Dept. Natural Resources (Anchorage)
- State of Alaska Division of Geological & Geophysical Surveys, Dept. Natural Resources (Fairbanks)
- U. S. Geological Survey (Anchorage)
- University of Alaska Anchorage
- University of Alaska Fairbanks

****** NOTICE ******

Curator John W. Reeder will be gone from the Alaska GMC from 5 January 2009 through 13 January 2009. During this time, **Jean Riordan 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 5 January 2009.

Contacts for Geologic Materials Center — total 344

Public:	35	Industry:	205	Univ.:	35	Fed. Govt:	41	State:	28	Other Govt:	0
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FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 922

Public:	90	Industry:	562	Univ.:	88	Fed. Govt:	91	State:	91	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGS,
GMC Mailing List



MEMORANDUM

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PO BOX 772805
EAGLE RIVER AK 99577
Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 3 November 2008

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 **Alaska Oil and Gas Conservation Commission** the following oil/gas exploratory well samples:

Teak Comico Alaska NB-04 cuttings (107'-2,403').

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

BP Exploration (Alaska) Inc. Milne Point Unit KR C-01 – 4 petrographic thin sections of core (8,902.5' - 8,955'),

ConocoPhillips Alaska Inc. Cirque No. 3 – 7 petrographic thin sections of core (6,126' - 6,205'),

ConocoPhillips Alaska Inc. Meltwater North No. 1 – 11 petrographic thin sections of core (5,615' - 5,704'),

Gulf Oil Corporation Colville Delta State No. 1 – 2 petrographic thin sections of core (7,659' - 7,668'),

Husky Oil NPR Operations Inc. (U. S. Geological Survey) Drew Point – 1 petrographic thin section of core (6,983.5'), and

Husky Oil NPR Operations Inc. (U. S. Geological Survey) East Simpson No. 1 – 2 petrographic thin sections of core (6,710' - 6,728').

3. Alaska GMC received the following Data Report:

No. 355: Bristol Bay Native Corp iron, titanium, platinum Kemuk Mountain Prospect; data on 8,338' of core from 14 holes, Nushagax Basin in Southwest Alaska, Dillingham District, Alaska.

4. The GMC had **291** telephone or written contacts during the reporting period. There have been **54** visitations to the GMC since 30 September 2008, including representation from:

 Aeon Biostratigraphic Services (Anchorage)

 Anadarko Petroleum Corporation (Houston, Texas)

 Calista Corporation (Anchorage)

 ConocoPhillips Alaska Inc. (Anchorage)

 IRF Group, Inc. (Anchorage)

 Shell Exploration & Production Company (Houston, Texas)

 State of Alaska Division of Oil and Gas, Dept. Natural Resources (Anchorage)

 State of Alaska Division of Geological & Geophysical Surveys, Dept. Nat. Resources (Fairbanks)

 U. S. Bureau of Land Management (Anchorage)

 U. S. Geological Survey (Anchorage; and Menlo Park, California)

 University of Alaska Anchorage



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**** NOTICE ****

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Contacts for Geologic Materials Center — total 345

Public:	37	Industry:	201	Univ.:	51	Fed. Govt:	22	State:	34	Other Govt:	0
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FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 1,267

Public:	127	Industry:	763	Univ.:	139	Fed. Govt:	113	State:	125	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGS,
GMC Mailing List



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PO BOX 772805
EAGLE RIVER AK 99577
Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 December 2008

FILE NO:

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

SUBJECT: Monthly Report – November

1. The Alaska GMC received from the U. S. Geological Survey for AOGCC the following samples:

U. S. Dept of Interior Franklin Bluffs No. 1, 71 boxes of core and cuttings (500'-1,825').

2. The Alaska GMC received the following Data Report:

No. 356: Anadarko Petroleum Corporation Hot Ice No. 1 well log along with corresponding report entitled: Coring for Methane-Hydrate in shallow sands of the Sagavanirkick and Canning Formations, North Slope Alaska – Phase II Geologic Description along with Phase I Progress and Geologic Description.

3. The GMC had **136** telephone or written contacts during the reporting period. There have been **15** visitations to the GMC since 31 October 2008, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- Coble Geophysical Services (Homer)
- IRF Group, Inc. (Anchorage)
- State of Alaska Division of Oil and Gas, Dept. of Natural Resources (Anchorage)
- U. S. Park Service, Denali National Park (Anchorage)

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Contacts for Geologic Materials Center — total 151

Public:	26	Industry:	98	Univ.:	7	Fed. Govt:	8	State:	12	Other Govt:	0
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FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 1,418

Public:	153	Industry:	861	Univ.:	146	Fed. Govt:	121	State:	137	Other Govt:	0
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cc: Rodney A. Combellick, Deputy Director of DGGs,
GMC Mailing List



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PO BOX 772805
EAGLE RIVER AK 99577
Email: john.reeder@alaska.gov

TO: Robert Swenson
State Geologist and Acting Director

DATE: 1 January 2009

FILE NO:

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

SUBJECT: Monthly Report – December

1. The Alaska GMC received from **BP International Limited** (Mitcheldean, Gloucestershire, UK) the following supplemental samples:

BP Alaska Inc. Milne Point Unit KR N-01 core chips (3,337.1’-3,374.2’ and 3,424.1’-3,433.6’).

2. The Alaska GMC received the following Data Report:

No. 357: Thin Section and Scanning Electron Microscopy summary photographs from plugs taken from core of the Union Oil Company of California Trading Bay Unit M-29 (11,481.1’-11,511.0’), along with photographs of the original core (Marathon Collection at the Alaska GMC) before and after plugging.

3. The GMC had **141** telephone or written contacts during the reporting period. There have been **30** visitations to the GMC since 30 November 2008, including representation from:

Aeon Biostratigraphic Services (Anchorage)
ConocoPhillips Alaska Inc. (Anchorage)
IRF Group, Inc. (Anchorage)
Petro-Canada (Calgary, Alberta, Canada)
Simmon Frazer University (Vancouver, B.C., CANADA)
Traditional Archers of Alaska (Anchorage)

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Contacts for Geologic Materials Center — total 171

Public: 21 Industry: 117 Univ.: 18 Fed. Govt: 8 State: 7 Other Govt: 0

FY2009 (7/1/08 – present) cumulative contacts for Geologic Materials Center – total 1,589

Public: 174 Industry: 978 Univ.: 164 Fed. Govt: 129 State: 144 Other Govt: 0

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