



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

TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 2 February 2004

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 Cook Inlet oil/gas well samples:

ConocoPhillips Alaska Inc. Kuparuk River Unit Meltwater 2P-417 core chips (5,429'-5,547') and washed cuttings (93'-5,993'),
Marathon Oil Company Kenai Unit 21X-06 washed cuttings (3,470'-5,650'),
Phillips Alaska Inc. Kuparuk River Unit Meltwater 2P-415 washed cuttings (300'-11,075'),
Union Oil Company of California Lewis River Unit C-01RD washed cuttings (2,684'-6,469'), and
Union Oil Company of California Pretty Creek Unit No. 4 washed cuttings (200'-9,580').

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

Husky Oil NPR Operations Inc. (U. S. Geological Survey) Kugrua No. 1 – 65 kerogen/TAI glass slides from cuttings (7,000'-10,000') and 132 palynology glass slides from cuttings (7,000'-9,970'), and
Husky Oil NPR Operations Inc. (U. S. Geological Survey) Peard No. 1 – 74 kerogen/TAI glass slides from cuttings (6,500'-8,700') and 148 palynology glass slides from cuttings (6,500'-8,700').

3. The Alaska GMC received from industry the following Data Report:

No. 310: Unconfined compressive strength (UCS) and pentrometer UCS approximations of core (4,309.5'-4,409') from the BP Exploration (Alaska) Inc. Milne Point G-1 well.

4. GMC had 170 telephone or written contacts during the reporting period. There have been 25 visitations to the GMC since 31 December 2003, including representation from:

Aeon Biostratigraphic Services (Anchorage)
ConocoPhillips Alaska Inc. (Anchorage; and Bartlesville, Oklahoma)
Forest Oil Corporation (Anchorage)
IRF Group, Inc. (Anchorage)
State of Alaska, Dept. Nat. Resources, Div. Geological & Geophysical Surveys (Fairbanks)
State of Alaska, Dept. Nat. Resources, Div. Parks & Recreation (Anchorage)
U. S. Bureau of Land Management (Anchorage)
U. S. Geological Survey (Anchorage)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 195

Public: 12 Industry: 164 Univ: 6 Fed. Govt: 8 State: 5 Other Govt: 0

FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 1,479

Public: 112 Industry: 1,182 Univ: 67 Fed. Govt: 79 State: 39 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 March 2004

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 Cook Inlet oil/gas well samples:

Marathon Oil Company Kenai Unit 24-5 RD washed cuttings (3,470'-4,816'), and
Union Oil Company of California Trading Bay Unit (Steelhead) M-12 washed cuttings (470'-10,710').

2. The Alaska GMC received from industry the following Data Report:

No. 311: Seal evaluation of the following NPRA well samples:
Husky Oil NPR Operations (U. S. Geological Survey) Kuyanak T. W. No. 1 cuttings (3,990'-4,010'), and cores (5,045'; 5,072.5'; and 5,073'),
Husky Oil NPR Operations (U. S. Geological Survey) South Meade T. W. No. 1 core (4,950.5'), and cuttings (7,790'-7,800'),
U. S. Navy Simpson T. W. No. 1 core (6,490'),
Husky Oil NPR Operations (U. S. Geological Survey) East Simpson T. W. cores (2,676'; and 5,122'),
Husky Oil NPR Operations (U. S. Geological Survey) South Simpson T. W. cuttings (6,620'-6,640'; and 6,700'-6,740'),
U. S. Navy Topagoruk T. W. No. 1 core (2,096'), and cuttings (9,745'-9,775'),
Husky Oil NPR Operations (U. S. Geological Survey) Tulageak T. W. No. 1 cuttings (2,910'-2,940'), and
Husky Oil NPR Operations (U. S. Geological Survey) Walakpa T. W. No. 1 cuttings (1,710'-1,740'), and cores (2,061'; and 2,062').

3. Curator John Reeder will be on leave from the Alaska GMC from 30 April through 18 May. During this time, no sampling of materials for processing will be allowed unless pre-approved. Jean Riordan will be Acting Curator during this time with assistance from volunteers Dr. Robert Ravn and Edward Reeder.

4. GMC had 175 telephone or written contacts during the reporting period. There have been 26 visitations to the GMC since 31 January 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Anadarko Oil Company (Houston, Texas)
Campfire USA (Anchorage)
ConocoPhillips Alaska Inc. (Anchorage; and Houston, Texas)
IRF Group, Inc. (Anchorage)
Omni Laboratories (Anchorage)
T. Crafford and Associates (Anchorage)
U. S. Bureau of Land Management (Anchorage)
U. S. Minerals Management Services

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 201

Public: 11 Industry: 172 Univ: 5 Fed. Govt: 9 State: 4 Other Govt: 0

FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 1,680

Public: 123 Industry: 1,354 Univ: 72 Fed. Govt: 88 State: 43 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 April 2004

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 well samples:

ConocoPhillips Alaska Inc. Cirque No. 3 washed cuttings (110'-6,660') and core chips (6,123'-6,214'), and Union Oil Company of California Deep Creek NNA No. 1 washed cuttings (67'-10,590').

2. The Alaska GMC received for storage purposes the Anaconda geologic/technical map collection for Alaska that was donated to the University of Alaska Anchorage (UAA) by the Cook Inlet Region Inc. The Alaska GMC will house this map collection for the Alaska Resources Library and Information Services (ARLIS), which is managing this donated collection for UAA. ARLIS has all of the corresponding reports to these maps at their library. For addition information contact ARLIS at 907-272-7547.

3. The Alaska GMC received from the Div. Geological & Geophysical Surveys the following Data Report:

No. 312: Conventional porosity and permeability data of the following Cook Inlet core samples of the Kenai Group:

Marathon Oil Company Beaver Creek Unit No. 09 (7,992'-7,993'; and 8,085'-8,086'),
ConocoPhillips Alaska Beluga River Unit 212-35 (11,581'-11,599'),
Standard Oil Company of California Deep Creek Unit No. 1 (2,920'-3,000'; 6,100'; and 10,244'),
Mobil Oil Corporation Granite Point No. 1 (8,797'5"-8,799'10"; 9,252'-9,254'; 9,459'-9,475'; 10,866'-10,876'; and 11,246'-11,248.5'),
Halbouty Alaska Oil Halaska King Oil No. 1 (13,368'-13,369'; and 13,435'-13,436'),
Union Oil Company of California Ivan River Unit 44-01 (10,814'-10,817'),
Shell Oil Company MGS/SRS State No. 1 (5,695'-5,697'),
XTO Energy Inc. Middle Ground Shoal A33-11 (8,606'-8,609'),
Shell Western E & P Inc. Middle Ground Shoal A43-11 (7,972'-7,978.2'),
Amoco Production Middle Ground Shoal State 17595 No. 9 (9,614'-9,615'; and 9,608'-9,609'),
Phillips Petroleum Company North Cook Inlet A-02 (4,465'; 4,580'; 4,815'; and 5,013'),
Phillips Petroleum Company North Cook Inlet Unit A-12 (Cherryville A-15) (11,142'),
Union Oil Company of California Soldotna Creek Unit 312-09 (originally Soldotna Creek Unit 12-9) (10,252'-10,262'),
Chevron USA Inc. Swanson River Unit 32-22 (10,991'-10,997'),
ARCO Alaska Inc. Swanson River Unit 34-10 (originally Swanson River Unit 1) (7,782'; 8,755'; 9,230'; and 10,816'),
Union Oil Company of California Swanson River Unit 331-27 (originally Swanson River Unit 2) (4,185'; 4,363'; and 10,875'),
Union Oil Company of California Trading Bay State A-02 (5,990'-5,991'; and 6,374'-6,375'),
Union Oil Company of California Trading Bay State A-04 (2,346'-2,347'; and 3,105'),



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Union Oil Company of California Trading Bay State A-07 (3,850'-3,851'; 4,861'; and 6,382'),
Union Oil Company of California Trading Bay Unit D-02 (Dolly Varden D-2) (11,722.1'; and 12,199'),
Union Oil Company of California Trading Bay Unit D-43 (10,566'; and 10,795'),
Union Oil Company of California Trading Bay Unit G-04 (Grayling G-4) (9,608'; and 10,104'),
BP Alaska Wasilla State No. 1 (2,920'-3,000'; 3,000'-3,010'; 4,140'-4,150'; and 4,848'), and
Pan American West Foreland Unit No. 1 (6,220'-6,230').

4. Curator John Reeder will be on leave from the Alaska GMC from 30 April through 18 May. During this time, no sampling of materials for processing will be allowed unless pre-approved. Jean Riordan will be Acting Curator during this time with assistance from volunteers Dr. Robert Ravn and Edward Reeder.

5. GMC had 194 telephone or written contacts during the reporting period. There have been 70 visitations to the GMC since 29 February 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
 Boehne Resources Development (Chugach)
 Campfire USA (Anchorage)
 Chugach Gem and Mineral Society, Inc. (Anchorage)
 ConocoPhillips Alaska Inc. (Anchorage; and Houston, Texas)
 Department of Geology and Geophysics, University of Alaska Fairbanks
 Kennecott Exploration (Salt Lake City, Utah)
 IRF Group, Inc. (Anchorage)
 State of Alaska, Dept. Nat. Resources, Div. Geological & Geophysical Surveys (Fairbanks)
 U. S. Bureau of Land Management (Anchorage)
 Yulista Management Services (Anchorage)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 264

Public: 35	Industry: 188	Univ: 10	Fed. Govt: 24	State: 7	Other Govt: 0
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FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 1,944

Public: 158	Industry: 1,542	Univ: 82	Fed. Govt: 112	State: 50	Other Govt: 0
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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 3 May 2004

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 well samples:

ConocoPhillips Alaska Inc. Hunter A washed cuttings (0'-9,600'),
Marathon Oil Company Kenai Beluga Unit 44-06 washed cuttings (5,350'-7,440'), and
Marathon Oil Company Kenai Unit 43-06RD washed cuttings (4,174'-5,740').

2. Jean Riordan and John Reeder completed an inventory of the U. S. Geological Survey oil/gas well rock-sample collection at the Alaska Geologic Materials Center. This inventory is now part of the MasterGMC inventory (Microsoft Access) of the facility.

3. GMC had 183 telephone or written contacts during the reporting period. There have been 38 visitations to the GMC since 31 March 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
American/Canadian Stratigraphic Co. (Anchorage)
Anadarko Oil Company (Houston, Texas)
Boehne Resources Development (Chugach)
ConocoPhillips Alaska Inc. (Anchorage)
Eni Petroleum (Houston, Texas)
Evergreen Resources Alaska Inc. (Wasilla)
Forest Oil Corp. (Anchorage)
Kennecott Exploration (Salt Lake City, Utah)
IRF Group, Inc. (Anchorage)
Petrotechnical Resources of Alaska (Anchorage)
Schlumberger Oilfield Services (Anchorage)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 221

Public: 17 Industry: 182 Univ: 5 Fed. Govt: 12 State: 5 Other Govt: 0

FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 2,165

Public: 175 Industry: 1,724 Univ: 87 Fed. Govt: 124 State: 55 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 June 2004

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 well samples:

Anadarko Petroleum Corporation Altamura No. 1 washed cuttings (107'-9,100') and core chips (8,545'-8,722'),
BP Exploration (Alaska) Inc. Prudhoe Bay Unit Z-39 core chips (7,128'-7,280'),
ConocoPhillips Alaska Inc. Grizzly No. 1 washed cuttings (120'-8,509'),
ConocoPhillips Alaska Inc. Nanuq No. 5 washed cuttings (114'-11,726'),
Forest Oil Corporation Redoult Unit No. 4 washed cuttings (7,400'-20,200'), and
Union Oil Company of California Griner No. 1 washed cuttings (440'-6,880').

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

Atlantic Richfield Co. Susie Unit No. 1 – 133 kerogen/TAI glass slides from cuttings (120'-13,100') and 266 palynology glass slides from cuttings (120'-13,100').

3. The Alaska GMC received Data Report:

No. 313: Porosity and permeability core analysis results (13,064.0'-13,075.0') from the Pan American Redoubt Shoal State (29690) No. 1 well.

4. GMC had 181 telephone or written contacts during the reporting period. There have been 27 visitations to the GMC since 30 April 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
ARLIS, Alaska Resources Library & Information Services (Anchorage)
Boehne Resources Development (Chugach)
iCopy (Anchorage)
IRF Group, Inc. (Anchorage)
Petrotechnical Resources of Alaska (Anchorage)
State of Alaska, Dept. Nat. Resources, Div. Geological & Geophysical Surveys (Fairbanks)
T. Crafford and Associates (Anchorage)
Union Oil Company of California (Anchorage)
U. S. Geological Survey (Anchorage)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 208

Public: 16 Industry: 173 Univ: 3 Fed. Govt: 11 State: 5 Other Govt: 0

FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 2,373

Public: 191 Industry: 1,897 Univ: 90 Fed. Govt: 135 State: 60 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 July 2004

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 U. S. Minerals Management Service the following well samples:

BP Exploration (Alaska) Inc. OCS Y-1650-1 (Liberty No. 1) washed cuttings (100' – 14,830') and unwashed cuttings (100' – 14,830').

2. The Alaska GMC received from the Alaska Oil and Gas Conservation Commission the following well samples:

BP Exploration (Alaska) Inc. Milne Point Unit SB S-15 washed cuttings (110' – 4,758'),
ConocoPhillips Alaska Inc. Heavenly No. 1 washed cuttings (120' – 9,590'),
ConocoPhillips Alaska Inc. Mitre No. 1 washed cuttings (180' – 8,240') and core chips (7,907' – 8,011),
ConocoPhillips Alaska Inc. Lookout No. 1 washed cuttings (120' – 8,350'), and
ConocoPhillips Alaska Inc. Lookout No. 2 washed cuttings (108' – 8,200') and core chips (7,894' – 7,930').

3. The Alaska GMC received from Kinross Gold Corporation continuous core from three holes of their True North property of the Fairbanks Mining District as follows: 96-TN503 hole, 31 boxes of core, 30' – 350'; 96-TN504 hole, 26 boxes of core, 0' – 264'; and 01-TN1474, 42 boxes of core, 0'-350'.

4. The Alaska GMC received Data Report No. 314: Core logs of the Kinross Gold drill holes 96-TN503, 96-TN504, and 01-TN1474 of the True North Gold Mine of the Fairbanks Mining District, Alaska.

5. New open porches have been constructed at the front and back entrances to the main GMC warehouse, which are designed to deflect falling snow and ice from the roof.

6. GMC had 190 telephone or written contacts during the reporting period. There have been 34 visitations to the GMC since 31 May 2004, including representation from:

- Aeon Biostratigraphic Services (Anchorage)
- Anglo-American (Middleburg – Transvaal, South Africa)
- Calista Corporation (Anchorage)
- IRF Group, Inc. (Anchorage)
- Kinross Gold Corporation (Fairbanks)
- State of Alaska, Dept. Nat. Resources, Div. Oil and Gas (Anchorage)
- U. S. Department of Interior, Bureau of Land Management (Anchorage)
- U. S. Department of Interior, Minerals Management Service (Anchorage)
- University of Alberta (Edmonton, Alberta, Canada)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 224

Public: 22	Industry: 174	Univ: 6	Fed. Govt: 10	State: 12	Other Govt: 0
FY2004 (7/1/03 – present) cumulative contacts for Geologic Materials Center – total 2,597					
Public: 213	Industry: 2,071	Univ: 96	Fed. Govt: 145	State: 72	Other Govt: 0



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Email: john_reeder@dnr.state.ak.us

TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 2 August 2004

FILE NO:

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

SUBJECT: Monthly Report – July

1. The Alaska Geologic Materials Center (GMC) received as a donation from ChevronTexaco with transportation and boxing repair by BP Exploration (Alaska) Inc. the following well samples:

BP Exploration (Alaska) Inc. [Conoco-Chevron] Milne Point Unit KR L-01 continuous
Core No. 1 (7,166'-7,221'), Core No. 2 (8,964'-9,022'), and side wall cores (3,528'-4,325.8');
BP Exploration (Alaska) Inc. [Conoco-Chevron] Milne Point Unit KR M-01 continuous
Core No. 1 (8,600'-8,628'), Core No. 2 (8,630'-8,671'), Core No. 3 (8,677'-8,706'), and side wall
cores (8,745' and 8,678'); and
BP Exploration (Alaska) Inc. [Conoco-Chevron] Milne Point Unit KR N-01 continuous
Core No. 1 (3,337'-3,358.3'), Core No. 2 (3,367'-3,397.5'), Core No. 3 (3,397.5'-3,400.5'), Core
No. 4 (3,423'-3,434'), Core No. 5 (3,575'-3,597.2'), Core No. 6 (3,605'-3,626.8'), Core No. 7
(3,727'-3,755.9'), Core No. 8 (3,756.5'-3,765.0'), Core No. 9 (3,781.3'-3,808'), Core No. 10
(3,808'-3,824'), Core No. 11 (7,131'-7,187'), Core No. 12 (7,189'-7,243'), Core No. 13 (7,245'-
7,269'), and Core No. 14 (7,275'-7,324').

2. The Alaska GMC received from the University of Alaska Fairbanks Museum the following surface rock samples and cores:

Resources Associates of Alaska, Inc. (RAA) cores for three 1980 holes of the Powell Prospect of the Mount Hayes A-6 Quadrangle (POW DDH-1, 10'-310.8"TD, 30 boxes; POW DDH-2, 6.3'-202"TD, 19 boxes; and POW DDH-3, 9.8'-32.3"TD, 2 boxes),

RAA cores for one 1977 hole of the Roosevelt Creek Prospect of the Wiseman A-6 Quadrangle (RC-1, 16'-56', 3 boxes),

RAA cores for five 1977 holes of the Glacier Creek Prospect of the Chandalar C-1 Quadrangle (GLAC-1, 8'-178"TD, 17 boxes; GLAC-2, 19'-417"TD, 41 boxes; GLAC-3, 21'-177"TD, 17 boxes; GLAC-4, 13'-265"TD, 26 boxes; and GLAC-5, 21'-394"TD, 37 boxes),

RAA/ Ocean Home Exploration Company cores for two 1977 holes of the Boundary Prospect of the Eagle Quadrangle (BDY-3, 281.5'-501"TD, 19 boxes; and BDY-4, 3'-502"TD, 47 boxes),

RAA cores for eight 1977 holes of the Serpentine Hot Springs Prospect of the Bendeleben D-6 Quadrangle (SERP-1, 37'-288"TD, 25 boxes; SERP-2, 23'-61"TD, 4 boxes; SERP-3, 12'-103"TD, 9 boxes; SERP-4, 41'-115"TD, 6 boxes; SERP-5, 14'-102.5"TD, 9 boxes; SERP-6, 0'-102"TD, 10 boxes; SERP-7, 0'-102"TD, 8 boxes; and SERP-8, 0'-102"TD, 8 boxes), and the

Louisiana Land and Exploration cores for twelve 1975 shallow holes (12-Hole Oriented Core Project, 79 boxes of core) and 40 boxes of surface samples; all of the Kandik Basin of the Porcupine River and adjacent areas.



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3. The Alaska GMC received Data Report No. 315:

Geochemical hydrocarbon data of extracts from the Husky Oil NPR Operations (U. S. Geological Survey) J. W. Dalton Core No. 6 (8,011'), Core No. 7 (8,072.2'), and Core No. 10 (8,148.2'); and from the Husky Oil NPR Operations (U. S. Geological Survey) Drew Point Core No. 7 (6,983.8'), Core No. 10 (7,564.2'), and Core No. 14 (7,806.8').

4. The shelving space on the main floor of the Alaska GMC warehouse has been increased by 10% by increasing the height of some of the shelves from 12 feet up to 18 feet. By increasing the height of all of the shelves on the main warehouse floor within Uniform Building Code (Municipality of Anchorage) requirements, it is possible to increase the total shelving space in the main warehouse by 35%.

5. Water has been reinstalled to the Alaska GMC "green building" warehouse, which means both bathrooms and all water outlets of this building are now fully operational. This warehouse has been used as a receiving area for incoming rock samples, for equipment storage, as well as for the storage of unwashed cuttings (wet cuts) from oil/gas wells.

6. GMC had 215 telephone or written contacts during the reporting period. There have been 47 visitations to the GMC since 30 June 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
Alaska Volcano Observatory (Fairbanks)
BP Exploration (Alaska) Inc. (Anchorage)
Evergreen Resources (Wasilla)
Full Metal Minerals Ltd. (Vancouver, British Columbia, Canada)
IRF Group, Inc. (Anchorage)
Petro-Canada Oil and Gas (Calgary, Alberta, Canada)
State of Alaska, Dept. Nat. Resources, Div. Oil and Gas (Anchorage)
U. S. Department of Interior, Bureau of Land Management (Anchorage)
U. S. Department of Interior, U. S. Geological Survey (Anchorage)
University of Alaska Fairbanks, Dept. Geology and Geophysics

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 262

Public: 31 Industry: 189 Univ: 10 Fed. Govt: 19 State: 13 Other Govt: 0

FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 262

Public: 31 Industry: 189 Univ: 10 Fed. Govt: 19 State: 13 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 September 2004

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 well samples:

Union Oil Company of California Trading Bay Unit G-12RD3 washed cuttings (8,280'-14,071).

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

Amoco Production Co. No. Name Island No. 1 – 6 petrographic thin sections of core (13,674'-13,705'),
ARCO Alaska Inc. Oliktok Point No. 1 – 3 petrographic thin sections of cuttings (8,490'-8,550'),
BP Exploration (Alaska) Inc. Milne Point Unit KRA-01 – 1 petrographic thin section of core (8,855') and 2
petrographic thin sections of cuttings (8,870'-8,900'),
Chevron USA Inc. Simpson Lagoon 32-14 – 1 petrographic thin section of cuttings (9040'-9060'),
ConocoPhillips Alaska Inc. Gull Island State No. 1- 3 petrographic thin sections of cuttings (12,410'-
12,460'),
Sohio Alaska Petroleum Co. Long Island No. 1 – 3 petrographic thin sections of cuttings (11,130'-11,180'),
Sohio Alaska Petroleum Co. Reindeer Island Stratigraphic Test State No. 1 – 5 petrographic thin sections
of core (11,997'-12,049'),
Tenneco OCS Y-0338-1 (Phoenix No. 1) – 14 petrographic thin sections of core (7,674'-7,787'),
Texaco Inc. Colville Delta No. 1 – 4 petrographic thin sections of core (7,656'-7,668'),
Union Oil Co. of California East Harrison Bay State No. 1 – 7 petrographic thin sections of core (8,039.3'-
8,072'), and
Union Oil Co. of California Kalubik Creek No. 1 – 3 petrographic thin sections of core (7,734'-7,757').

3. GMC had 193 telephone or written contacts during the reporting period. There have been 29 visitations to the GMC since 31 July 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
BP Exploration (Alaska) Inc. (Anchorage)
ConocoPhillips Alaska Inc. (Anchorage)
Document Storage Inc., DSI (Anchorage)
Evergreen Resources (Wasilla)
IRF Group, Inc. (Anchorage)
OMNI Laboratories, Inc. (Anchorage)
Petrotechnical Resources of Alaska LLC (Anchorage)
University of Baja California Sur (La Paz, Mexico)
Wood Family Trust (Grass Valley, California)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 222

Public: 21 Industry: 179 Univ: 5 Fed. Govt: 11 State: 6 Other Govt: 0

FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 484

Public: 52 Industry: 368 Univ: 15 Fed. Govt: 30 State: 19 Other Govt: 0



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

TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 October 2004

FILE NO:

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

SUBJECT: Monthly Report – September

1. The Alaska Geologic Materials Center (GMC) received as a donation from BP Exploration (Alaska) Inc. the following cores:

Milne Point Unit Ter B-01 continuous core between 7,440' – 7,447' and continuous core between 9,274'-9,281'.

This supplements materials already donated by BP in 2002.

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

Union Oil Company of California Trading Bay Unit M-28 (Steelhead Platform of the upper Cook Inlet) – 17 Foraminifera glass slides from cuttings (12,510'-13,000').

3. The Alaska GMC received from industry the following Data Report:

No. 316: Location information for the six holes (NAP-1 through NAP-6) of the Kennecott Exploration Napoleon gold prospect near Chicken, Alaska.

4. GMC had 211 telephone or written contacts during the reporting period. There have been 47 visitations to the GMC since 31 August 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
Alaska Miners Association (Anchorage)
Anglo-American (Vancouver, British Columbia, Canada)
Core Mongers (Eagle River)
Evergreen Resources (Wasilla)
IRF Group, Inc. (Anchorage)
State Div. of Oil and Gas, Dept. Natural Resources
U. S. Geological Survey (Anchorage)
U. S. Minerals Management Service (Anchorage)

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 258

Public: 28 Industry: 202 Univ: 4 Fed. Govt: 14 State: 10 Other Govt: 0

FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 742

Public: 80 Industry: 570 Univ: 19 Fed. Govt: 44 State: 29 Other Govt: 0



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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 November 2004

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. Dept. of Interior Minerals Management Service their microfossil collection (principally picked Foraminifera slides) for Alaska. Land-surface and ocean-bottom samples, one State well, and 39 Alaska Outer Continental Shelf wells are represented. This collection contains 3,074 microfossil glass slides, and complements the MMS palynology glass slide collection that was received in December 1994.

With respect to wells, the collection consists of the following:

****Beaufort Sea and North Slope****

Reindeer Island Stratigraphic Test No. 1 – 45 Foraminifera slides from cuttings (110'-9,150'),

OCS Y-0334-1 (Mukluk) – 67 Foraminifera slides from cuttings (90'-9,330'),

OCS Y-0849-1 (Hammerhead) – 136 Foraminifera slides from cuttings (360'-7,956'),

****Chukchi Basin****

OCS Y-1275-1 (Popcorn) – 1 Foraminifera slide from cuttings (6,400'-6,410'),

OCS Y-1320-1 (Crackerjack) – 2 Foraminifera slides from cuttings (8,170'-8,210'),

****Lower Cook Inlet****

Lower Cook Inlet COST-1 – 60 Foraminifera slides from cuttings (1,356'-12,387'),

OCS Y-0086-1 (Puffin) – 153 Foraminifera slides from cuttings (700'-13,240'),

OCS Y-0097-1 (Raven) – 77 Foraminifera slides from cuttings (510'-7,480'),

OCS Y-0113-1 (Ibis) – 130 Foraminifera slides from cuttings (820'-6,850'), and 3 Foraminifera slides from core (7,000'-7,025'),

OCS Y-0124-1A (South Arc) – 123 Foraminifera slides from cuttings (4,710'-11,240'),

OCS Y-0136-1 (Bede) – 92 Foraminifera slides from cuttings (3,000'-10,310'),

OCS Y-0152-1 (Bowhead) – 146 Foraminifera slides from cuttings (750'-13,130'),

OCS Y-0161-1 (Hawk) – 176 Foraminifera slides from cuttings (411'-14,975'),

OCS Y-0168-2 – 87 Foraminifera slides from cuttings (1,400'-8,900'),

OCS Y-0243-1 (Falcon Prospect) – 40 Foraminifera slides from cuttings (820'-5,575'),

****North Aleutian Basin****

North Aleutian Shelf COST No. 1 – 147 Foraminifera slides from cuttings (1,590'-13,120') and 14 ostracode slides from cuttings (1,620'-10,170'),

****Gulf of Alaska****

Gulf of Alaska COST No. 1 – 3 Foraminifera slides from cuttings (1,560'-2,130'),

OCS Y-0007-1 (Salome No. 72-1) – 113 Foraminifera slides from cuttings (1,420'-17,905'),

OCS Y-0011-1 (Maria) – 30 Foraminifera slides from cuttings (1,650'-2,940' & 11,940'-13,470'),

OCS Y-0014-1 (Yvonne No. 1) – 81 Foraminifera slides from cuttings (2,220'-8,920'),

OCS Y-0014-2 (Yvonne No. 2) – 96 Foraminifera slides from cuttings (8,990'-15,370'),

OCS Y-0032-1 (Rachel) – 75 Foraminifera slides from cuttings (475'-15,638'),

OCS Y-0035-1 (Grizzly) – 2 Foraminifera slides from cuttings (11,330'-11,710'),

OCS Y-0046-1 (Cape Suckling) – 4 Foraminifera slides from cuttings (4,170'-15,013'),

OCS Y-0080-1 (Racoon) – 197 Foraminifera slides from cuttings (2,090'-13,817'),

OCS Y-0211-1 (Yakutat) – 77 Foraminifera slides from cuttings (1,580'-17,450'), 1 Foraminifera slide from core (7,605'), and 4 ostracode slides from cuttings (1,580'-6,620'),

OCS Y-0248-1A (Cardinal) – 100 Foraminifera slides from cuttings (7668'-10,130'),

****Kodiak Shelf****

KSSD-1 (OCS-77-1) – 2 Foraminifera slides from cuttings (2,570'-2,630'),

KSSD-2 (OCS-77-1) – 7 Foraminifera slides from cuttings (10,260'-10,460'),



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KSSD-3 (OCS-77-1) – 6 Foraminifera slides from cuttings (4,100'-9,080'),
KSST-1 (OCS-76-35) – 43 Foraminifera slides from cuttings (327'-4,225'),
KSST-2 (OCS-76-35) – 55 Foraminifera slides from cuttings (450'-4,307'),
KSST-4A (OCS-76-35) – 13 Foraminifera slides from cuttings (500'-1,400'),
Saint George Basin
Saint George COST-1 – 25 Foraminifera slides from cuttings (860'-10,380'),
Saint George COST-2 – 75 Foraminifera slides from cuttings (1,460'-13,120'),
Navarin Basin
Navarin COST-1 – 107 Foraminifera slides from cuttings (1,536'-12,840'),
OCS Y-0560-1 (George) – 16 Foraminifera slides from cuttings (3,510'-9,086'),
OCS Y-0583-1 (Redwood No. 2) – 1 Foraminifera slide from cuttings (3,950'-3,980'),
OCS Y-0707-1 (Nicole) – 1 Foraminifera slide from cuttings (10,780'-10,800'),
Norton Sound Basin
Norton Sound COST-1 (OCS Y-0197-1) – 101 Foraminifera slides from cuttings (420'-12,120'), and
Norton Sound COST-2 (OCS Y-0273-1) – 75 Foraminifera slides from cuttings (430'-8,870').

2. The Alaska GMC received from industry the following processed oil/gas well materials:
Texaco Inc. Wolfbuton 32-7-8 – two petrographic thin sections from core (3,536').
3. The Alaska GMC received from the Alaska Oil and Gas Conservation Commission the following well samples:
Forest Oil Redoubt Corp. Unit No. 5 washed cuttings (5,000'-15,438'), and
Union Oil Company of California Trading Bay State A-29RD washed cuttings (1,800'-13,300').
4. GMC had 209 telephone or written contacts during the reporting period. There have been 50 visitations to the GMC since 30 September 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
Anadarko Petroleum Corp. (Houston)
Anglo-American (Vancouver, British Columbia, Canada)
Core Mongers (Eagle River)
Fugro Robertson Limited (Llandudno, North Wales, United Kingdom)
IRF Group, Inc. (Anchorage)
Phelps Dodge Corp. of Canada, Lmd. (Vancouver, British Columbia, Canada)
Pioneer Natural Resources Alaska (Wasilla)
State Dept Natural Resources, Div. of Mining, Land and Water (Anchorage)
Tom Crafford & Associates (Anchorage)
U. S. Dept. of Interior Minerals Management Service (Anchorage)

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

IF YOU WOULD LIKE TO RECEIVE THE ALASKA GEOLOGIC MATERIALS CENTER MONTHLY REPORTS BY EMAIL, PLEASE GIVE US YOUR EMAIL ADDRESS.

cc: GMC Mailing List

Contacts for Geologic Materials Center — total 259

Public: 24 Industry: 210 Univ: 5 Fed. Govt: 11 State: 9 Other Govt: 0

FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 1001

Public: 104 Industry: 780 Univ: 24 Fed. Govt: 55 State: 38 Other Govt: 0



MEMORANDUM

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EAGLE RIVER AK 99577
Email: john_reeder@dnr.state.ak.us

TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 1 December 2004

FILE NO:

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

SUBJECT: Monthly Report – November

1. The Alaska GMC received from the Alaska Oil and Gas Conservation Commission the following well samples:

Marathon Oil Company Kenai Beluga Unit 42-07 cuttings (5,590'-7,570'),
Union Oil Company of California Trading Bay State A-15 cuttings (1,070'-12,428'),
Union Oil Company of California Trading Bay State TBU A-15RD2 cuttings (10,430'-13,620'),
Union Oil Company of California Trading Bay State TBU A-15RD2L1 cuttings (12,700'-13,730'),
Union Oil Company of California Trading Bay State TBU A-15RD2L2 cuttings (13,510'-15,042'),
Union Oil Company of California Trading Bay Unit K-13RD2 cuttings (8,740'-15,490'),
Union Oil Company of California Trading Bay Unit K-18RD cuttings (6,785'-12,550'), and
Union Oil Company of California Trading Bay Unit K-24RD2 cuttings (10,830'-14,200').

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

Husky Oil NPR Operations Inc. (U. S. Geological Survey) West Dease No. 1 – 48 palynology slides from cuttings (2,390'-4,050') and 6 palynology glass slides from core (2,948', 2,963, and 2,972').

3. The Alaska GMC received from industry the following Data Report:

No. 317: Brief petrographic and permeability/porosity analysis of the Kuparuk "C" Unit core (8,741') from the Texaco Inc. Wolfbutton 32-7-8 well.

4. GMC had 195 telephone or written contacts during the reporting period. There have been 23 visitations to the GMC since 31 October 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Aurora Gas (Houston, Texas)
Bujak Research International (Blackpool, England)
IRF Group, Inc. (Anchorage)
Pioneer Natural Resources Alaska (Wasilla)
Saltmarsh Consulting Services (Eagle River)
U. S. Dept. of Interior Bureau Land Management (Anchorage)

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*******SECOND NOTICE*******

JOHN REEDER WILL BE ON LEAVE FROM THE ALASKA GMC FROM 31 JANUARY 2005 TO 17 FEBRUARY 2005. THE GMC WILL BE OPEN DURING THIS TIME, BUT SAMPLING NEEDS DURING THIS TIME NEED TO BE PREARRANGED.



MEMORANDUM

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cc: GMC Mailing List

Contacts for Geologic Materials Center — total 218

Public:	14	Industry:	182	Univ:	5	Fed. Govt:	10	State:	7	Other Govt:	0
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FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 1219

Public:	118	Industry:	962	Univ:	29	Fed. Govt:	65	State:	45	Other Govt:	0
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TO: Rodney A. Combellick
Acting Director & Acting State Geologist

DATE: 3 January 2005

FILE NO:

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

SUBJECT: Monthly Report – December

1. The Alaska Geologic Materials Center (GMC) received from Chevron USA Inc. through the U. S. Geological Survey in Menlo Park 8,160 Alaska microfossil slides (4,230 slides from surface samples and from shallow seismic shothole samples, and 3,930 slides from wells). This supplements materials received from Chevron USA through the U. S. Geological Survey in February 2001. The microfossil slides (mostly Foraminifera) from wells are as follows:

Amoco Production Co. Aufeis No. 1 – 25 slides from cuttings (90'-2,090'),
ARCO Alaska Inc. Brontosaurus No. 1 – 1 slide from cuttings (4,970'),
ARCO Alaska Inc. Brontosaurus No. 1A – 6 slides from cuttings (6,610'-6,660'),
ARCO Alaska Inc. (Pan Am) Kavik No. 1 – 32 slides from cuttings (260'-4,320'),
ARCO Alaska Inc. Lower Cook Inlet COST No. 1 – 28 slides from cuttings (1,600'-5,800'),
ARCO Alaska Inc. Swanson River Unit 34-10 (the original Richfield Swanson River No. 1 discovery well) – 3 slides from core (12,106'-12,154'),
ARCO Alaska Inc. West Sak No. 25 – 4 slides from cuttings (4,050'-4,320'),
Atlantic Richfield Company Ikillik River Unit No. 1 – 127 slides from cuttings (100'-10,600'),
Atlantic Richfield Co. Susie Unit No. 1 – 2 Foraminifera slides from core (13,500'-13,513'),
BP Alaska Inc (British Petroleum) Wasilla State No. 1 – 45 slides (radiolaria noted) from cuttings (3,000'-4,820') and 1 slide from core (4,837'-4,849'),
BP Exploration (Alaska) Inc (Forest) Kemik Unit No. 1- 156 slides from cuttings (890'-10,850'),
Chevron USA Inc. Akulik No. 1 – 113 slides from cuttings (80'-15,730'),
Chevron USA Inc. Eagle Creek No. 1 – 122 slides from cuttings (100'-12,020'), 3 slides from core (10,496'-12,030'), and 2 slides from sidewall core (577'-874'),
Chevron USA Inc. Jeanette Island No. 1 – 173 slides from cuttings (150'-12,340'), and 40 slides from sidewall core (11,287'-11,796'),
Chevron USA Inc. Karluk No. 1 – 102 slides from cuttings (3,000'-11,190'), and 5 slides from sidewall cores (8,570'-11,026'),
Chevron USA Inc. Kavearak Point 32-25 – 200 slides from cuttings (530'-9,800'), 1 slide from core (9,254'), and 13 slides from sidewall core (3,058'-9,374'),
Chevron USA Inc. Simpson Lagoon 32-14 – 2 slides from cuttings (10,420'-10,490'),
Chevron USA Inc. SOCAL 31-25 – 158 slides from cuttings (1,950'-9,300'),
Exxon Corp. Alaska State C-1 – 12 slides from cuttings (9,990'-13,230'),
Exxon Corp. Point Thomson Unit No. 1 – 142 slides from cuttings (1,450'-13,138'), and 8 slides from core (10,720.5'-13,037'),
Exxon Corp. Point Thomson Unit No. 2 – 28 slides from cuttings (10,590'-13,230'),
Exxon Corp. Point Thomson Unit No. 3 – 82 slides from cuttings (8,000'-14,125'),
Exxon Corp. Point Thomson Unit No. 4 – 26 slides from cuttings (11,920'-15,086'),
Great Basins Petroleum Co. Ugashik No. 1 – 5 slides from cuttings (1,100'-4,000'),
Gulf Oil Corp Beauford Sea Blk 54 (Cross Island No. 1) – 40 slides from cuttings (11,750'-13,100'), and 38 slides from sidewall core (9,474'-14,040'),
McCulloch Oil Co. Fin Creek Unit No. 1 – 211 slides from cuttings (280'-16,012'), and 3 slides from core (14,410'-14,430'),
Mobil Oil Corp. Beli Unit No. 1 – 91 slides from cuttings (4,600'-12,420'),
Mobil Oil Corp. Gwydyr Bay State No. 1 – 90 slides from cuttings (780'-11,250'),
Mobil Oil Corp. Kadler State 15-09-16 – 33 slides from cuttings (360'-7,500'),



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Mobil Oil Corp. Kuparuk State No. 1 – 47 slides from cuttings (1,530'-11,095'),
Mobil Oil Corp. Kuparuk State 7-11-12 – 18 slides from cuttings (7,120'-9,320'),
Mobil Oil Kuparuk State 24-11-12 – 7 slides from cuttings (12,120'-13,300'),
Mobil Oil Corp. North Kuparuk State 26-12-12 – 171 slides from cuttings (60'-10,290'),
Mobil Oil Corp. Mikkelsen Bay State 13-09-19 – 74 slides from cuttings (3,350'-16,596'),
Mobil Oil Corp. West Kuparuk State 3-11-11 – 75 slides from cuttings (330'-11,080'),
Mobil Oil Corp. West Staines 18-09-23 – 17 slides from cuttings (12,700'-13,090'),
Pan American David River USA No. 1-A – 4 slides from cuttings (13,440'-13,768'),
Shell Oil Co. West Mikkelsen No. 3 – 10 slides from cuttings (13,100'-14,400'),
Sinclair Oil & Gas Swan Lake Unit No. 2 – 3 slides from cuttings (5,600'-5,780'),
Sohio Alaska Petroleum Co. Challenge Island No. 1 – 10 slides from cuttings (10,000'-13,580'),
Sohio Alaska Petroleum Co. OCS Y-0334-1 (Mukluk No. 1) – 52 slides from cuttings (3,120'-7,360'),
Sohio Alaska Petroleum Co. Reindeer Island Stratigraphic Test No. 1 – 124 slides from cuttings (3,900'-14,260'),
Standard Oil Co. of California Riou Bay No. 1 – 42 slides from cuttings (200'-4,160'), and 2 slides from core (3,993'-3,998'),
Texaco Inc East Kurupa Unit No. 1 – 19 slides from cuttings (5,040'-12,150'),
Texaco Inc Prudhoe No. 1 – 2 slides from core (3,742'-4,327'),
Texaco Inc Tulugak No. 1 – 207 slides from cuttings (90'-16455'), 5 slides from core (15,927'-15,954'), and 11 slides from sidewall core (4,629'-10,423'),
Texaco Inc West Kavik Unit No. 1 – 56 Foraminifera slides from cuttings (2,640'-12,780'),
Texaco Inc West Kurupa Unit No. 1 – 11 slides from cuttings (3,850'-3,980'; and 8,120'-10,980'), and
Union Oil Co. of California Tungak Creek No. 1 – 19 slides from cuttings (2,730'-8,212').

2. The Alaska GMC received from the Alaska Oil and Gas Conservation Commission the following well samples:

Marathon Oil Company Wolf Lake 1RD washed cuttings (4,517' – 8,770'; two sets).

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

Amoco Production Company OCS Y-0865-1 (Kuvlum No. 2) – 21 kerogen/TAI glass slides from cuttings (1,110'-11,0120'), and 336 palynology glass slides from cuttings (1,110'-11,010'),

Husky Oil NPR Operations Inc. (U. S. Geological Survey) Tulageak Test Well No. 1 – 44 palynology glass slides from cuttings (2,400'-3,720').

4. The Alaska GMC shelving space on the main warehouse floor has been increased by 20% this year by increasing the height of some of the shelves from 12 feet up to 18 feet. By increasing the height of all of the shelves on the main warehouse floor within Uniform Building Code (Municipality of Anchorage) requirements, it will be possible to increase the total shelving space in the main warehouse by 33%. This is planned for next year.

5. GMC had 203 telephone or written contacts during the reporting period. There have been 37 visitations to the GMC since 30 November 2004, including representation from:

Aeon Biostratigraphic Services (Anchorage)
Alaska Earth Sciences (Anchorage)
Bujak Research International (Blackpool, England)



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Core Mongers (Eagle River)
IRF Group, Inc. (Anchorage)
Pioneer Natural Resources Alaska (Wasilla)
Sisphus Consulting (Anchorage)
U. S. Geological Survey (Anchorage)
State of Alaska, Dept. Nat. Resources, Div. of Oil and Gas

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cc: GMC Mailing List

Contacts for Geologic Materials Center — total 240

Public: 12 Industry: 193 Univ: 7 Fed. Govt: 12 State: 16 Other Govt: 0

FY2005 (7/1/04 – present) cumulative contacts for Geologic Materials Center – total 1459

Public: 130 Industry: 1155 Univ: 36 Fed. Govt: 77 State: 61 Other Govt: 0