



# MEMORANDUM

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS  
ALASKA GEOLOGIC MATERIALS CENTER  
Telephone: (907) 696-0079 / Fax: (907) 696-0078

# State of Alaska

PO BOX 772805  
EAGLE RIVER AK 99577  
Email: [ken.papp@alaska.gov](mailto:ken.papp@alaska.gov)  
Web: <http://dggg.alaska.gov/gmc>

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

**DATE:** 1 May 2013

**FROM:** Kenneth R. Papp  
Curator, Alaska GMC

**SUBJECT:** GMC Monthly Report – April

## Processed Samples Received

### Palynology slides

Evergreen Resources **SHEEP CREEK #1** (51 slides from core, +10 $\mu$ m, 972.5' – 1214')  
Evergreen Resources **KASHWITNA LAKE #1** (50 slides from core, +15 $\mu$ m, 524' – 1402')  
Evergreen Resources **KASHWITNA LAKE #1** (12 slides from cuttings, +15 $\mu$ m, 1402' – 1770')

Exxon **OCS Y-0280 ANTARES #1** (14 slides from core, 7558' – 7807')

### Kerogen slides

Evergreen Resources **KASHWITNA LAKE #1** (50 slides from core, 524' – 1402')  
Evergreen Resources **KASHWITNA LAKE #1** (12 slides from cuttings, 1402' – 1770')

189 processed slides received  
Cumulative processed samples received in CY2013: 570

## AOGCC Samples Received

BPXA **MILNE PT UNIT SB #B-50** washed cuttings (6 boxes, 90' – 11370')  
BPXA **PRUDHOE BAY UN BORE #V-111** core plugs and chips (5 boxes, 4042' – 4725')  
BPXA **PRUDHOE BAY UN ORIN #L-205 PB1** core plugs (6 boxes, 4476.5' – 4964.5')

Chevron **TRADING BAY UNIT #M-21** washed cuttings (2 boxes, 1240' – 4161')

ConocoPhillips **COLVILLE RIV UNIT #CD4-213A** core chips (4 boxes, 7417' – 7768')

ENI **NIKAITCHUQ #OP03-P05** washed cuttings (5 boxes, 4360' – 12385')  
ENI **NIKAITCHUQ #SD37-DSP1** washed cuttings (7 boxes, 160' – 6958')  
ENI **NIKAITCHUQ #SP33-W03** washed cuttings (5 boxes, 3134' – 19544')

Hilcorp **GRANITE PT ST 18742 #32RD2** washed cuttings (5 boxes, 9090' – 15381')  
Hilcorp **HAPPY VALLEY #B-16** washed cuttings (6 boxes, 90' – 4840')  
Hilcorp **TRADING BAY UNIT #M-29A** washed cuttings (3 boxes, 8460' – 11720')



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## AOGCC Samples Received (cont.)

Pioneer **OOOGURUK KUP #ODSK-41** washed cuttings (3 boxes, 1250' – 13170')  
Pioneer **OOOGURUK NUQ #ODSN-24, PB2** washed cuttings (9 boxes, 5080' – 19668')  
Pioneer **OOOGURUK NUQ #ODSN-25, PB1, PB3, PB4** washed cuttings (9 boxes, 5600' – 17168')  
Pioneer **OOOGURUK NUQ #ODSN-26** washed cuttings (5 boxes, 4600' – 16308')  
Pioneer **OOOGURUK NUQ #ODSN-29, PB1, PB2** washed cuttings (9 boxes, 4145' – 15716')  
Pioneer **OOOGURUK NUQ #ODSN-36** washed cuttings (2 boxes, 6850' – 10635')  
Pioneer **OOOGURUK TOR #ODST-46, PB1** washed cuttings (5 boxes, 11045' – 16900')  
Pioneer **OOOGURUK TOR #ODST-47** washed cuttings (4 boxes, 5409' – 17245')

UNOCAL **SWANSON RIVER #KGSF 3** washed cuttings (3 boxes, 240' – 7920')

103 boxes received

Cumulative sample boxes received in CY2013: 271

## Data Reports Published

[Data Report #416](#) Baseline Resolution Inc. Analytical Laboratories, 2013, Total organic carbon and rock-eval pyrolysis of core and core chips from the OCS Y-0280 Anteres #1, Badami #1, Fiord #1, and W Kuparuk St. #3-11-11 wells, 1 p.

[Data Report #417](#) ALS Minerals, 2013, Multi-element ICP analyses of core (boreholes 12 and 22) from the Sun Prospect, Ambler Mining District, Survey Pass Quadrangle, Alaska, 1 p.

[Data Report #418](#) Weatherford Laboratories, 2013, Porosity, permeability, grain density core analysis (CT scans), and core photos from the ConocoPhillips N. Cook Inlet Unit #A-12, Shell Oil Co. SRS St. #1 and SRS St. #2 wells, 1 p., 1 DVD.

## Donations Received

The GMC received a significant mineral core sample donation from Kinross Gold Corporation. Nearly one and three-quarter miles (approximately 9,000 ft) of "hard-rock" mineral core, originating near the company's Fort Knox mine, arrived by truck (22 pallets) on Friday, April 12, 2013. The samples donated to the GMC are from boreholes drilled as part of the mine's 1995/1996 Chatanika, Frederic, and Diorite projects.

Thank you to Kinross and geologist David Szumigala for this impressive addition to our priceless, public sample archive.



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## Visits

There were **20 visits** to the GMC for **April 2013**, including representation from:

AEON and IRF, MMG Limited, DNR Division of Oil and Gas, and the general public.

Industry (oil/gas) 5, Industry (mining) 6, Public 2, Academia 0, State 7, Federal 0: Total 20  
Cumulative 2013 visits: 70

cc: Rodney A. Combellick, Deputy Director of DGGS