



MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
ALASKA GEOLOGIC MATERIALS CENTER

3651 Penland Pkwy
Anchorage AK 99508
Email: kurt.johnson@alaska.gov
Telephone: (907) 696-0079
Web: <http://dggs.alaska.gov/gmc>

TO: Steve Masterman
State Geologist and Director

DATE: 17 Mar 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – January/February

Processed Samples Received

Conoco Phillips Ravik State #1 palynology slides from cuttings, (12 slides, 3430' - 4840') 1 box
Conoco Phillips Ravik State #1 kerogen slides from cuttings, (12 slides, 3430' - 4840') 1 box

BPXA Red Dog #1 palynology slides from cuttings, (200 slides, 13000' - 19400') 2 boxes
BPXA Prudhoe Bay Unit Nia #NK -16 kerogen slides from core, (6 slides, 12792' - 12936') 1 box
BPXA OCS Y-1650 Liberty #1 palynology slides from cuttings, (42 slides, 14340' -14740') 1 box
BPXA Badami #B1-36 palynology slides from cuttings, (102 slides, 14830' – 14875') 1 box
BPXA Badami #B1-36 kerogen slides from cuttings, (90 slides, 14830' -15546') 1 box
BPXA Prudhoe Bay Unit Nia #NK-41A kerogen slides from cuttings, (6 slides, 22780' - 23090') 1 box

470 processed samples received during January 2016.

0 processed samples received during February 2016.

Cumulative processed samples received in CY2016: 470

AOGCC Samples Received

No AOGCC sample boxes were received during January/February 2016.

Cumulative AOGCC sample boxes received in CY2016: 0

Donations Received

Millrock Resources Bee Creek #15-10 core (105 boxes, 0' - 1125')
Millrock Resources Bee Creek #15-11 core (100 boxes, 0' - 1089')
Millrock Resources Mallard Duck Bay #15-01 core (85 boxes, 0' - 990')
Millrock Resources Mallard Duck Bay #15-02 core (61 boxes, 0' - 710.5')
Millrock Resources Mallard Duck Bay #15-03 core (95 boxes, 0' - 1130')
Millrock Resources Mallard Duck Bay #15-04 core (89 boxes, 0' - 1064.5')
Millrock Resources Mallard Duck Bay #15-05 core (73 boxes, 0' - 950')
Millrock Resources Mallard Duck Bay #15-06 core (93 boxes, 0' – 1130')



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Donations Received (continued)

Apache Corporation Kaldachabuna #2 core (12163' - 12233.9') 41 boxes
Apache Corporation Kaldachabuna #2 washed cuttings (120' - 12246') 35 boxes
Apache Corporation Kaldachabuna #2 unwashed cuttings (110' - 12240') 78 boxes
Apache Corporation Kaldachabuna #2 kerogen slides (8492' - 9086') 1 box

Robert Blodgett, Koniag Chevron #1 Strat Log
Robert Blodgett, Grammer #1 Strat Log
Robert Blodgett, Grammer #1 Final Geological Report - R.L.Hewitt (1940)

Kinross Gold Corporation pulp samples of the Calista Generative Project from Sleetmute C-4, Sleetmute D-4, Russian Mission D-7, Russian Mission D-8, Goodnews B-7, and Iditarod D-2 quads, 36 boxes.

Calista Corporation 5 boxes of show skeleton core. Complete geochemistry from mineral exploration of the Nyac District conducted by Nyac Gold LLC from 2009-2013. This donation supported over 118,000 samples already at the GMC with printed reports and an inventory database.

701 donation sample boxes received during January 2016.
196 donation sample boxes received during February 2016.
Cumulative donation sample boxes received in CY2016: 897

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0

Visits

January GMC client visitors included representation from Robert Blodgett and Associates LLC (consultants), Nordaq Energy, U.S. Geological Survey, and the public.

Industry (oil/gas) 8, Industry (mining) 0, Academia 0, State 1, Federal 2, Public 11

February GMC client visitors included representation from Robert Blodgett and Associates LLC (consultants), Calista Corporation, Alaska Earth Science, U.S. Geological Survey, and the public.

Industry (oil/gas) 6 Industry (mining) 8, Academia 0, State 3, Federal 2, Public 15

22 client visitors were received during January 2016.
34 client visitors were received during February 2016.
Cumulative visits in CY2016: 56



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Client sample boxes retrieved

26 boxes were retrieved during January 2016.
76 boxes were retrieved during February 2016.
Cumulative client boxes retrieved in CY2016: 102

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: 25 Apr 2016

FROM: Jean Riordan
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – March

Processed Samples Received

No processed samples received during March 2016.
Cumulative processed samples received in CY2016: 470

AOGCC Samples Received

No AOGCC sample boxes were received during March 2016.
Cumulative AOGCC sample boxes received in CY2016: 0

Donations Received

BPXA, 3763 boxes of oil and gas material from North Slope wells.
3763 sample boxes received during March 2016.
Cumulative donation sample boxes received in CY2016: = 4660

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0

Visits

March GMC client visitors included representation from Robert Blodgett and Associates LLC (consultants), Conoco Phillips, U.S. Geological Survey, and the public.

Industry (oil/gas) 12, Industry (mining) 3, Academia 0, State 4, Federal 1, Public 11

31 client visitors were received during March 2016.

Cumulative visits in CY2016: 87



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Client sample boxes retrieved

56 boxes were retrieved during March 2016.
Cumulative client boxes retrieved in CY2016: 158

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: May 11, 2016

FROM: Jean Riordan
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – April

Processed Samples Received

No processed samples received during April 2016.
Cumulative processed samples received in CY2016: 470

AOGCC Samples Received

API	OPERATOR	WELL	TYPE DEPTH	BOXES
50-103-20652-00-00	BROOKS RANGE PETROLEUM	MUSTANG 1	Cuttings 120-9310	16
50-283-20163-00-00	COOK INLET ENERGY, LLC	OTTER 1	Cuttings 160-5680	4
50-283-20171-00-00	COOK INLET ENERGY, LLC	OLSON CREEK 1	Cuttings 270-5700	14
50-283-20171-70-00	COOK INLET ENERGY, LLC	OLSON CREEK 1 PB1	Cuttings 1700-5640	12
50-133-20611-00-00	HILCORP ALASKA LLC	NINILCHIK UNIT S DIONNE 8	Cuttings 2850-12130	7
50-133-20614-00-00	HILCORP ALASKA LLC	NINILCHIK UNIT PAXTON 5	Cuttings 800-2617	3
50-133-20615-00-00	COOK INLET ENERGY, LLC	SWORD 1	Cuttings 800-2617	17
50-733-20616-00-00	FURIE OPERATING ALASKA, LLC	KLU 4	Cuttings 300-9180	5
50-133-20618-00-00	AIX ENERGY LLC	KENAI LOOP 1-4	Cuttings 3060-11396	7
50-133-20619-70-00	HILCORP ALASKA LLC	FRANCES 1 PB1	Cuttings 2638-12875	7
50-133-20619-00-00	HILCORP ALASKA LLC	FRANCES 1	Cuttings 10220-12920	4
50-231-20044-00-00	BUCCANEER ALASKAN OPERATIONS, LLC	WEST EAGLE 1	Cuttings 179-3690	3
50-283-20163-01-00	COOK INLET ENERGY, LLC	OTTER 1A	Cuttings 4530-7021	2
50-089-20033-00-00	EXXONMOBIL ALASKA PRODUCTION INC.	PTU 17	Cuttings 150-16510	4
50-089-20033-00-00	EXXONMOBIL ALASKA PRODUCTION INC.	PTU 17	Core Chips 16450-16593 Cuttings 138-10695	1
50-231-20049-00-00	HILCORP ALASKA LLC	HAPPY VALLEY B-17	Cuttings 6224-23209	13
50-703-20725-00-00	CAELUS NATURAL RESOURCES ALASKA, LLC	OOOGURUK ODSN-07 SOLDOTNA CK UNIT 322C-04	Cuttings 7394-11525	9
50-133-10104-01-00	HILCORP ALASKA LLC	OOOGURUK NUQ ODSN- 01A	Cuttings 11382-18811	3
50-703-20648-01-00	CAELUS NATURAL RESOURCES ALASKA, LLC	SOLDOTNA CK UNIT 31B-04	Cuttings 6514-11755	6



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AOGCC Samples Received continued

141 AOGCC sample boxes were received during April 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Shipments/Donations Received

DGGS Energy Resources	2007-2011 Field Season	Outcrops	571
DGGS Engineering Geology	1988-1989 Cook Inlet Paleoseismicity Project	Boreholes KA1, KA2, KA3, KA4, KA4B, KA5, KA6, TA1, TA8	62
DGGS Mineral Resources	2006-2013 Field Season	Outcrops/Pulps	242
Ann Pasch	1998-2006 BLM Bering Glacier Invertebrate Fossil Project	Invertebrate Fossils	11

1027 sample boxes received during April 2016.
Cumulative donation sample boxes received in CY2016: = 5687

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0

Visits

April GMC client visitors included representation from the University of Alaska Anchorage, Chugach Gem and Mineral Society, National Association for Interpretation, U.S. Geological Survey, and the public.

Industry (oil/gas) 6, Industry (mining) 4, Academia 9, State 11, Federal 1, Public 42

73 client visitors were received during April 2016.

Cumulative visits in CY2016: = 160

Client sample boxes retrieved

138 boxes were retrieved during April 2016.
Cumulative client boxes retrieved in CY2016: 296

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: Aug 4, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report - May

Processed Samples Received

No processed samples received during May 2016.
Cumulative processed samples received in CY2016: 470

AOGCC Samples Received

No AOGCC samples received during May 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Palynology Collection Curation:

Robert Raven of IRF has volunteered to curate the palynology collection. In his efforts, he discovered one drawer in which 2/3 of the labels were falling off the glass slides. He has begun the very tedious task of gluing each label to its slide.

Tax Credit Release Data Received: Seismic Data and Well Data

Seismic Data: Moquawkie 2D Seismic: PostStack, prestack, and support.

Well Data: Bluebuck 6-7-9, Caribou 26-11-1, Cassin 1, Cassin 6, Grandview, Kokoda 1, Kokoda 5, Lea 1, Muskoxen 36-7-8, Pioneer 1, Scout 1, Shark Tooth 1, Spark 4, and Wolf Creek 4.

1 tax credit release data set (seismic data and well data) was received during May 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

American Copper & Nickel Company Canwell #CAN-004 skeleton core (1 box, 0' - 507')
American Copper & Nickel Company Canwell #CAN-005 skeleton core (1 box, 0' - 518')
American Copper & Nickel Company Alpha complex #FL-004 skeleton core (1 box, 0' - 1261')
American Copper & Nickel Company Alpha complex #FL-005 skeleton core (1 box, 615' - 952')
American Copper & Nickel Company Alpha complex #FL-007 skeleton core (1 box, 22' - 199')



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Donations Received (continued)

American Copper & Nickel Company Alpha Fish Lake complex #FL-08 skeleton core (1 box, 21'-202')
American Copper & Nickel Company Rainy #01 skeleton core (1 box)

Nevada Star Resources Corporation Alpha complex #MAN05-01A core (65 boxes, 57' - 566')
Nevada Star Resources Corporation Alpha complex #MAN-06-01 core (111 box, 1045' - 1922')

Pure Nickel Inc. Alpha complex #PNI-09-021 skeleton core (1 box, 90' - 359.6')
Pure Nickel Inc. Alpha complex #PNI-09-022 skeleton core (1 box, 48.6' - 440.5')
Pure Nickel Inc. Beta Complex #PNI-09-023 skeleton core (1 box, 30.6' - 579.5')
Pure Nickel Inc. Beta Complex #PNI-09-024 skeleton core (1 box, 46.3' - 694.8')
Pure Nickel Inc. Beta Complex #PNI-09-024 core (208 boxes, 151' - 2072')
Pure Nickel Inc. Beta Complex #PNI-09-025 skeleton core (1 box, 75.9' - 1022.2')
Pure Nickel Inc. Beta Complex #PNI-10-027 skeleton core (2 boxes, 55.3' - 1069.8')
Pure Nickel Inc. Alpha complex #PNI-10-028 skeleton core (1 box, 14.3' - 808.1')
Pure Nickel Inc. Alpha complex #PNI-10-029 skeleton core (1 box, 35.25' - 717.1')
Pure Nickel Inc. Alpha complex #PNI-10-030 skeleton core (1 box, 33.08' - 786.6')
Pure Nickel Inc. Alpha complex #PNI-10-030 core (282 boxes, 0' - 2616')
Pure Nickel Inc. Beta Complex #PNI-10-031 skeleton core (1 box, 5.9' - 588.7')
Pure Nickel Inc. Beta Complex #PNI-10-032 skeleton core (1 box, 53.2' - 161.6')
Pure Nickel Inc. Beta Complex #PNI-10-032B skeleton core (1 box, 64.7' - 79.5')
Pure Nickel Inc. Alpha complex #PNI-10-033 skeleton core (1 box, 38.2' 588.6')
Pure Nickel Inc. Beta Complex #PNI-10-034 skeleton core (1 box, 53.1' - 556.4')
Pure Nickel Inc. Alpha complex #PNI-10-035 skeleton core (1 box, 23.8' - 734.8')
Pure Nickel Inc. Alpha complex #PNI-10-036 skeleton core (1 box, 28' - 545')
Pure Nickel Inc. Alpha complex #PNI-11-037 skeleton core (1 box, 11.32m- 180.78m)
Pure Nickel Inc. Alpha complex #PNI-11-038 skeleton core (1 box, 23.78m- 63.12m)
Pure Nickel Inc. Alpha complex #PNI-11-039 skeleton core (1 box, 11.32m- 180.78m)
Pure Nickel Inc. Alpha complex #PNI-11-042 skeleton core (1 box, 16.3' - 186.6')
Pure Nickel Inc. Alpha complex #PNI-11-043 skeleton core (1 box, 35.11' - 87.57')
Pure Nickel Inc. Alpha complex #PNI-11-044 skeleton core (1 box, 24.34' - 117.91')
Pure Nickel Inc. Alpha complex #PNI-11-058 skeleton core (1 box, 10.25' - 398.23')
Pure Nickel Inc. Alpha complex #PNI-11-059 skeleton core (1 box, 21.72' - 635.47')



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Donations Received (continued)

Pure Nickel Inc. Alpha complex #PNI-12-063 core (88 boxes, 0' - 793')
Pure Nickel Inc. East Rainy #PNI-ER11-001 skeleton core (1 box, 8.55' - 140.91')
Pure Nickel Inc. East Rainy #PNI-ER11-002 skeleton core (1 box, 7.07' - 342.88')

Pure Nickel Inc. East Rainy #PNI-ER11-002 skeleton core (1 box, 0' - 1136')
Pure Nickel Inc. East Rainy #PNI-ER11-002 core (123 boxes, 0' - 1130')

Pure Nickel Inc. Holes to be determined, pulps (75 boxes)

Online Exploration Deadman #DM-1 core (24 boxes, 0' - 265')
Online Exploration Deadman #DM-2 core (9 boxes, 0' - 118')
Online Exploration Estelle #SE11-003 core (128 boxes, 0' - 1187')
Online Exploration Estelle #SE11-004 core (128 boxes, 0' - 1227')

1181 sample boxes were received during May 2016.
Cumulative donation sample boxes received in CY2016: = 6868

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0

Visits

May GMC client visitors included representation from the IRF Group, Robert Blodgett and Associates LLC, University of Alaska Anchorage, and the general public.

Industry (oil/gas) 10, Industry (mining) 2, Academia 3, State 4, Federal 2, Public 23

59 client visitors were received during May 2016.
Cumulative visits in CY2016: = 219

Client sample boxes retrieved

194 boxes were retrieved during May 2016.
Cumulative client boxes retrieved in CY2016: 463

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: Aug 4, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – June

Processed Samples Received

No processed samples received during June 2016.
Cumulative processed samples received in CY2016: 470

AOGCC Samples Received

No AOGCC samples received during June 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

No Tax Credit Release Data was received during June 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

No donations received during June 2016.
Cumulative donation sample boxes received in CY2016: 6868

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0

Visits

June GMC client visitors included representation from the IRF Group, Robert Blodgett and Associates LLC, State of Alaska Division of Oil & Gas, Conoco Phillips and the general public.

Industry (oil/gas) 19, Industry (mining) 1, Academia 0, State 15, Federal 2, Public 24



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Visits continued

61 client visitors were received during June 2016.
Cumulative visits in CY2016: 280

Client sample boxes retrieved

655 boxes were retrieved during June 2016.
Cumulative client boxes retrieved in CY2016: 1118

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TO: Steve Masterman
State Geologist and Director

DATE: Aug 24, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – July

Processed Samples Received

Mike Belowich Jarvis Creek thin sections from outcrop, (55 slides)
Mike Belowich Jarvis Creek palynology slides from outcrop, (55 slides)

110 processed samples received during July 2016.
Cumulative processed samples received in CY2016: 580

AOGCC Samples Received

No AOGCC samples received during July 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

No Tax Credit Release Data was received during July 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

Mike Belowich Northern Dancer #1 unwashed cuttings (1 box, 900' - 6195')
1 donation sample box received during July 2016.
Cumulative donation sample boxes received in CY2016: 6870

Data Reports Published

No Data Reports were published.
Cumulative data reports published in CY2016: 0



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Visits

July GMC client visitors included representation from the IRF Group, Robert Blodgett and Associates LLC, State of Alaska Division of Oil & Gas, Hillcorp, Conoco Phillips, Bureau of Energy Management, US Geological Survey and the general public.

Industry (oil/gas) 13, Industry (mining) 1, Academia 0, State 1, Federal 32, Public 9

56 client visitors were received during July 2016.

Cumulative visits in CY2016: 336

Client sample boxes retrieved

474 boxes were retrieved during July 2016.

Cumulative client boxes retrieved in CY2016: 1592

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TO: Steve Masterman
State Geologist and Director

DATE: Sep 14, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – August

Processed Samples Received

Conoco Phillips Trailblazer #H-01 palynology slides from cuttings & sidewall core (306 slides, 100' – 7850')
Conoco Phillips Trailblazer #H-01 kerogen slides from cuttings & sidewall core (154 slides, 100' – 7850')

460 processed samples received during August 2016.
Cumulative processed samples received in CY2016: 1040

AOGCC Samples Received

No AOGCC samples received during August 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

No Tax Credit Release Data was received during August 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

Alaska Energy Authority Susitna hydrological project (Watana) #DH12-1 core (22 boxes, 5.4' - 300.4')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-2 core (14 boxes, 12' - 197.5')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-3 core (29 boxes, 8.5' - 399.5')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-4 core (24 boxes, 17.9' - 346.1')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-5 core (18 boxes, 0' - 237.8')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-6 core (24 boxes, 0' - 337.5')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-7 core (11 boxes, 7.1' - 149.6')
Alaska Energy Authority Susitna hydrological project (Watana) #DH12-8 core (25 boxes, 0' - 354.2')
Alaska Energy Authority Susitna hydrological project (Watana) #DH14-10 core (49 boxes, 0' - 692')
Alaska Energy Authority Susitna hydrological project (Watana) #DH14-11 core (15 boxes, 0' - 196.8')
Alaska Energy Authority Susitna hydrological project (Watana) #DH14-12 core (13 boxes, 2.4' - 175')
Alaska Energy Authority Susitna hydrological project (Watana) #DH14-9a core (2 boxes, 0' - 93.8')
Alaska Energy Authority Susitna hydrological project (Watana) #DH14-9b core (43 boxes, 84.7' - 683.6')
Alaska Energy Authority Susitna hydrological project (Watana) #G11-DH01 core (19 boxes, 0' - 202')
Alaska Energy Authority Susitna hydrological project (Watana) #G11-DH02 core (20 boxes, 1.5' - 202.2')



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Donations Received (continued)

Alaska Energy Authority Susitna hydrological project (Watana) #G11-DH03 core (19 boxes, 0' - 202')

347 donation sample boxes were received during August 2016.

Cumulative donation sample boxes received in CY2016: 7217

Data Reports Published

GMC 431 - Calista Nyac Gold LLC 2009-2014 Sampling Program

GMC 432 - Palynology Photos from Selected North Slope Wells

GMC 433 - Geochemical Evaluation of: Altamura 1, Caribou 26-11-1, Inigok 1, North Inigok 1, Qugruk 4, Tofkat 1, & West Fish Creek 1, Whole Oil Gas Chromatography, Soxlet Extractions, Biomarker Analysis

GMC 434 - 2011 Mount Estelle Log Sheets for the Shadow SE11-003 and the Discovery SE11-004

4 Data Reports were published during August 2016.

Cumulative data reports published in CY2016: 4

Visits

August GMC client visitors included representation from the IRF Group, Robert Blodgett and Associates LLC, Conoco Phillips, NANA WorleyParsons, Alaska Earth Sciences and the general public.

Industry (oil/gas) 8, Industry (mining) 1, Academia 0, State 0, Federal 0, Public 9

18 client visitors were received during August 2016.

Cumulative visits in CY2016: 354

Client sample boxes retrieved

83 boxes were retrieved during August 2016.

Cumulative client boxes retrieved in CY2016: 1675

cc: Ken Papp, Division Operations Manager



MEMORANDUM

State of Alaska

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS
ALASKA GEOLOGIC MATERIALS CENTER

3651 Penland Pkwy
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Email: kurt.johnson@alaska.gov
Telephone: (907) 696-0079
Web: <http://dggg.alaska.gov/gmc>

TO: Steve Masterman
State Geologist and Director

DATE: Oct 11, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – September

Processed Samples Received

No processed samples received during September 2016.
Cumulative processed samples received in CY2016: 1040

AOGCC Samples Received

No AOGCC samples received during September 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

No Tax Credit Release Data received during September 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

Mike Belowich Jonesville Coal mine 2004, Knoll Acres #KA-1 core (84 boxes, 105' – 917')
Mike Belowich Jonesville Coal mine 2004, Knoll Acres crushed samples (30 bags)

Four pallets of boxes and maps from DGGG that include exploration records from private companies, informally referred to as the Illinois Creek collection, and original full set of NURE (National Uranium Resource Evaluation program) paper reports of data.

114 donation sample boxes received during September 2016.
Cumulative donation sample boxes received in CY2016: 7217+114

Data Reports Published

GMC 431 Report Disk - Calista Corporation, 2016, Calista Nyac Gold LLC 2009-2014 sampling program, 4 p., 6 DVDs. <http://doi.org/10.14509/29676>



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Data Reports Published (continued)

GMC 432 Report - Ravn, R.L., 2016, Palynology photos from selected North Slope wells, 11 p.
<http://doi.org/10.14509/29677>

GMC 433 Report - ConocoPhillips, 2016, Geochemical evaluation of: Altamura 1, Caribou 26-11-1, Inigok 1, North Inigok 1, Qugruk 4, Tofkat 1, and West Fish Creek 1 wells for whole-oil gas chromatography, soxhlet extractions, and biomarker analysis, 1 p. <http://doi.org/10.14509/29678>

GMC 434 Report - On-line Exploration Services, Inc., 2016, Mount Estelle, 2011 drill logs for the Shadow SE11-003 and the Discovery SE11-004, 1 p. <http://doi.org/10.14509/29679>

4 Data Reports published during September 2016.
Cumulative data reports published in CY2016: 4

Visits

September GMC client visitors included representation from the IRF Group, Glacier Oil & Gas, Hilcorp and the general public.

Industry (oil/gas) 7, Industry (mining) 0, Academia 0, State 0, Federal 0, Public 5

12 client visitors received during September 2016.
Cumulative visits in CY2016: 366

Client sample boxes retrieved

58 boxes retrieved during September 2016.
Cumulative client boxes retrieved in CY2016: 1733

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: Nov 9, 2016

FROM: Kurt Johnson
Acting Curator, Alaska GMC

SUBJECT: GMC Monthly Report – October

Processed Samples Received

No processed samples received during October 2016.
Cumulative processed samples received in CY2016: 1040

AOGCC Samples Received

No AOGCC samples received during October 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

No Tax Credit Release Data received during October 2016.
Cumulative tax credit release data sets received in CY2016: 1

Donations Received

41 Alaska Division of Oil & Gas surface samples collected in CY 2000 (5 boxes)

Robert Blodgett – over 400 electronic scans of paleostratigraphic literature related to the Yukon-Charley region of eastern Alaska.

5 donation sample boxes received during October 2016.
Cumulative donation sample boxes received in CY2016: 7336

Data Reports Published

GMC 435 Core Laboratories, 2016, Redoubt Unit 2 KCL salinity & core sensitivity testing results:
Alaska Division of Geological & Geophysical Surveys Geologic Materials Center Data Report 435, 1 p.
<http://doi.org/10.14509/29686>

1 Data Report published during October 2016.
Cumulative data reports published in CY2016: 5



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Visits

October GMC client visitors included representation from the IRF Group, Hilcorp, US Geological Survey, University of Alaska-Anchorage, Alaska Department of Geological & Geophysical Survey, Alaska Department of Oil & Gas, and the general public.

Industry (oil/gas) 3, Industry (mining) 2, Academia 1, State 4, Federal 3, Public 9

22 client visitors received during October 2016.

Cumulative visits in CY2016: 388

Client sample boxes retrieved

198 boxes retrieved during October 2016.

Cumulative client boxes retrieved in CY2016: 1931

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: Dec 12, 2016

FROM: Kurt Johnson
Curator, Alaska GMC

SUBJECT: GMC Monthly Report – November

Processed Samples Received

No processed samples received during November 2016.
Cumulative processed samples received in CY2016: 1040

AOGCC Samples Received

No AOGCC samples received during November 2016.
Cumulative AOGCC sample boxes received in CY2016: 141

Tax Credit Release Data Received: Seismic Data and Well Data

Storms3D seismic Tax Credit Release Data received during November 2016.
Cumulative seismic tax credit release datasets received in CY2016: 2

Donations Received

Drill logs for the Riversdale Chickaloon core received from Bill Ellis of Alaska Earth Sciences.
1 donation box received during November 2016.
Cumulative donation sample boxes received in CY2016: 7337

Data Reports Published

No Data Reports published during November 2016.
Cumulative data reports published in CY2016: 5



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Visits

November GMC client visitors included representation from the University of Alaska-Anchorage, IRF Group, Great Bear Petroleum, Hilcorp, Bureau of Ocean Energy Management, Alaska Division of Geological & Geophysical Surveys, Alaska Division of Oil & Gas, and the general public.

Industry (oil/gas) 8, Industry (mining) 1, Academia 60, State 4, Federal 6, Public 21

100 client visitors received during November 2016.
Cumulative visits in CY2016: 488

Client sample boxes retrieved

249 boxes retrieved during November 2016.
Cumulative client boxes retrieved in CY2016: 2180

cc: Ken Papp, Division Operations Manager



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TO: Steve Masterman
State Geologist and Director

DATE: Jan 04, 2017

FROM: Kurt Johnson
Curator, Alaska GMC

SUBJECT: GMC Monthly Report – December

Processed Samples Received

No processed samples received during December 2016.
Cumulative processed samples received in CY2016: 1040

AOGCC Samples Received

Repsol Qugruk #5 washed cuttings (8 boxes, 100' - 7430')
Repsol Qugruk #5 core chips (3 boxes, 6896' - 7102')
Repsol Qugruk #5A washed cuttings (1 box, 2320' - 8015')
Repsol Tuttu #1 washed cuttings (6 boxes, 100' - 6338')
Repsol Tuttu #1 core chips (2 boxes, 3583' - 3725')
Repsol Tuttu #1 washed cuttings PB 1 (3 boxes, 2530' - 4470')
Repsol Tuttu #1 core chips PB 1 (1 box, 3519' - 3572')
Linc Energy Umiat #23H wet cuts (5 boxes, 130' - 4100')
*Linc Energy Umiat #18 wet cuts (3 boxes, ?' - ?')
Hilcorp Milne Pt Unit KR #C15A washed cuttings (4 boxes, 7658' - 9928')
Hilcorp Trading Bay Unit #K10RD2 washed cuttings (7 boxes, 8445' - 13233')
Hilcorp Trading Bay St #A31 washed cuttings (6 boxes, 360' - 7784')
Hilcorp Trading Bay St #A27RD2 washed cuttings PB 1 (3 boxes, 10820' - 13275')
Hilcorp Trading Bay St #A27RD2 washed cuttings PB 2 (4 boxes, 10890' - 13796')
Hilcorp Trading Bay St #A27RD2 washed cuttings ST 3 (8 boxes, 10480' - 14400')
Furie Kitchen Lights Unit #5 washed cuttings (7 boxes, 330' - 11827')
Cook Inlet Energy Olson Creek #2 washed cuttings (8 boxes, 150' - 11589')
ConocoPhillips Colville Riv Unit #CD521 washed cuttings (4 boxes, 2220' - 7707')
ConocoPhillips Flap Top #1 washed cuttings (6 boxes, 120' - 8700')
ConocoPhillips Flap Top #1 core chips (1 box, 8004' - 8155')
Usibelli Coal Mine Healy Creek #1 washed cuttings (1 box, 138' - 1278')
Usibelli Coal Mine Healy Creek #1 core chips (1 box, 722' - 1216')

*ambiguous labels and may not reflect true sample data

92 AOGCC sample boxes received during December 2016.
Cumulative AOGCC sample boxes received in CY2016: 233



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Tax Credit Release Data Received: Seismic Data and Well Data

No seismic Tax Credit Release Data received during December 2016.
Cumulative seismic tax credit release datasets received in CY2016: 2

Donations Received

Riversdale RCC #1001 core (99 boxes, 0 - 254.34 meters)
Riversdale RCC #1002 core (72 boxes, 8.79 - 189.85 meters)
Riversdale RCC #1003 core (11 boxes, 8.23 - 11.50 meters)
Riversdale RCC #1004 core (64 boxes, 3.89 - 178.35 meters)
Riversdale RCC #1004A core (7 boxes, 84.70 - 154.68 meters)
Riversdale RCC #1004B core (1 box, 121.00 - 126.64 meters)
Riversdale RCC #1005 core (67 boxes, 0 - 185.32 meters)
Riversdale RCC #1006 core (9 boxes, 8.53 - 10.94 meters)
Riversdale RCC #1007 core (11 boxes, 10.06 - 37.54 meters)
Riversdale RCC #1007A core (75 boxes, 34.75 - 229.24 meters)
Riversdale RCC #1008 core (7 boxes, 47.24 - 74.82 meters)

423 donation boxes received during December 2016.
Cumulative donation sample boxes received in CY2016: 7760

Data Reports Published

No Data Reports published during December 2016.
Cumulative data reports published in CY2016: 5

Visits

The Third Annual UAA Core Workshop took place on December 13th with 73 students, professionals, and public in attendance. Core on display this year included Wainwright 1, Badami 5, J.W. Dalton 1, and Redoubt 2.

Visits continued



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December GMC client visitors included representation from the University of Alaska-Anchorage, Arctic Slope Regional Corporation, Otto Energy, Brooks Range Petroleum, 88 Energy, Accumulate Energy, IRF Group, Alaska Division of Geological & Geophysical Surveys, Alaska Division of Oil & Gas, and the general public.

Industry (oil/gas) 6, Industry (mining) 0, Academia 36, State 12, Federal 6, Public 78

138 client visitors received during December 2016.
Cumulative visits in CY2016: 626

Client sample boxes retrieved

6 boxes retrieved during December 2016.
Cumulative client boxes retrieved in CY2016: 2186

cc: Ken Papp, Division Operations Manager