



MEMORANDUM

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

State of Alaska

PO BOX 772805
EAGLE RIVER AK 99577
Email: ken.papp@alaska.gov

TO: Robert Swenson
State Geologist and Director

DATE: 1-August, 2011

FROM: Kenneth R. Papp
Curator, Alaska Geologic Materials Center

SUBJECT: Monthly Report – July

AOGCC Materials Received

- ✓ BROOKS RANGE PETROLEUM **Tofkat #1** unwashed cuttings (0'-13,174')
- ✓ BROOKS RANGE PETROLEUM **Tofkat #1A** unwashed cuttings (4000'-11,300')
- ✓ BROOKS RANGE PETROLEUM **Tofkat #1B** unwashed cuttings (4200'-15,570')
- ✓ CONOCO-PHILLIPS ALASKA INC **Char #1** core chips (7450'-7509')
- ✓ CONOCO-PHILLIPS ALASKA INC **Char #1** washed cuttings (0'-7699')
- ✓ CONOCO-PHILLIPS ALASKA INC **Colville River Fiord #CD3-302A** washed cuttings (12,325'-12,425')
- ✓ CONOCO-PHILLIPS ALASKA INC **Spark #DD9** core chips (8091'-8155')
- ✓ CONOCO-PHILLIPS ALASKA INC **Spark #DD9** washed cuttings (270'-8400')
- ✓ CONOCO-PHILLIPS ALASKA INC **Trailblazer A-01** washed cuttings (90'-8,963')
- ✓ CONOCO-PHILLIPS ALASKA INC **Trailblazer A-01** unwashed cuttings (90'-8,963')
- ✓ CONOCO-PHILLIPS ALASKA INC **Trailblazer H-01** washed cuttings (100'-7,850')
- ✓ CONOCO-PHILLIPS ALASKA INC **Trailblazer H-01** unwashed cuttings (100'-7,850')
- ✓ MARATHON **Ninilchik St. #3** washed cuttings (1660'-11,960')
- ✓ SAVANT ALASKA LLC **Kupcake #1** washed cuttings (1000'-10,686')

Processed Materials Received

- ✓ Thin sections (7) **T2** hard-rock borehole, Treadwell Mining Prospect, Juneau Quadrangle
- ✓ US NAVY **Simpson Test #1** thin sections (4, blue impreg.) from core (6356.5'-6,495')
- ✓ HUSKY OIL E. **Simpson Test Well #1** thin section (1, blue impreg.) from core (7,429.5')

Donations Received

- ✓ ARCO ALASKA INC **Clover #A** palynology slides (45: 6,990'-8,570') from cuttings
- ✓ ARCO ALASKA INC **W Sak 28242 #24** palynology slides (28: 6,900'-7,320') from cuttings

- ✓ BP EXPLORATION (ALASKA) INC **Malguk #1** kerogen slides (52: 2,600'-4,880') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Malguk #1** palynology slides (50: 2,600'-4,880') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-08** kerogen slides (38: 15,940'-16,510') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-08** palynology slides (38: 15,940'-16,510') from cuttings



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Donations, cont.

- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-10** kerogen slides (38: 13,130'-13,690') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-10** palynology slides (38: 13,130'-13,690') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-14** kerogen slides (20: 18,200'-18,500') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-14** palynology slides (20: 18,200'-18,500') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-20** kerogen slides (18: 13,740'-14,010') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-20** palynology slides (18: 13,740'-14,010') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-21** kerogen slides (24: 11,450'-11,810') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-21** palynology slides (24: 11,450'-11,810') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-22** kerogen slides (42: 12,900'-13,540') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-22** palynology slides (42: 12,900'-13,540') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-23** kerogen slides (60: 16,600'-17,500') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-23** palynology slides (60: 16,600'-17,500') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-38** kerogen slides (78: 16,200'-17,370') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-38** palynology slides (78: 16,200'-17,370') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-41** kerogen slides (24: 23,150'-23,510') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-41** palynology slides (24: 23,150'-23,510') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-41A** kerogen slides (44: 21,890'-22,770') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC **Prudhoe Bay Unit Niakuk #NK-41A** palynology slides (44: 21,890'-22,770') from cuttings



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Donations, cont.

- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-42* kerogen slides (44: 15,400'-16,070') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-42* palynology slides (44: 15,400'-16,070') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-61* kerogen slides (54: 11,800'-12,337') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-61* palynology slides (54: 11,800'-12,337') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-62* kerogen slides (16: 11,749.5'-11,951') from core
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-62* palynology slides (16: 11,749.5'-11,951') from core
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-65* kerogen slides (16: 12,800'-13,120') from cuttings
- ✓ BP EXPLORATION (ALASKA) INC *Prudhoe Bay Unit Niakuk #NK-65* palynology slides (16: 12,800'-13,120') from cuttings

- ✓ CONOCO-PHILLIPS ALASKA INC *Kuparuk Riv Unit #3S-16* palynology slides (10: 7,750'-7,900') from cuttings
- ✓ CONOCO-PHILLIPS ALASKA INC *Kuparuk Riv Unit #3S-16* palynology slides (12: 7,764'-7,918') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #1* kerogen slides (23: 2,430'-6,000') from cuttings
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #1* kerogen slides (11: 5,607.6'-5,757.5') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #1* palynology slides (22: 5,607.6'-5,757.5') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #2* kerogen slides (6: 5,430'-6,050') from cuttings
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #2* kerogen slides (12: 5,730'-5,888.3') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #2* palynology slides (24: 5,730'-5,888.3') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Meltwater North #2A* kerogen slides (12: 6,390'-7,190') from cuttings
- ✓ CONOCO-PHILLIPS ALASKA INC *Nanuk #2* kerogen slides (9: 7,072'-7,191.2') from core
- ✓ CONOCO-PHILLIPS ALASKA INC *Nanuk #2* palynology slides (18: 7,072'-7,191.2') from core



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- ✓ CONOCO-PHILLIPS ALASKA INC **Nanuk #2** kerogen slides (51: 4,690'-9,100') from cuttings
- ✓ CONOCO-PHILLIPS ALASKA INC **Nanuk #2** palynology slides (100: 4,690'-8,980') from cuttings

- ✓ MOBIL OIL CORP **Kuparuk St #7-11-12** palynology slides (24: 6,740'-6,960') from cuttings
- ✓ MOBIL OIL CORP **N Kuparuk St #26-12-12** palynology slides (26: 6,720'-7,110') from cuttings

- ✓ TEXACO INC **Wolfbutton #32-7-8** kerogen slides (72: 90'-3,360') from cuttings
- ✓ TEXACO INC **Wolfbutton #32-7-8** palynology slides (64: 180'-3,360') from cuttings
- ✓ TEXACO INC **Wolfbutton #32-7-8** kerogen slides (66: 6,630'-9,550') from cuttings
- ✓ TEXACO INC **Wolfbutton #32-7-8** palynology slides (67: 6,570'-9,550') from cuttings

- ✓ FEX L.P. **Aklaq #2** core (4" 1/3 slabbed, 6 boxes, 7629'-7677')
- ✓ FEX L.P. **Aklaq #2** core (4" 2/3 slabbed, 14 boxes, 7629'-7677')
- ✓ FEX L.P. **Aklaq #6** core (4" 1/3 slabbed, 6 boxes, 7125'-7161')
- ✓ FEX L.P. **Aklaq #6** core (4" 2/3 slabbed, 12 boxes, 7125'-7161')
- ✓ FEX L.P. **Aklaqyaak #1** core (4" 1/3 slabbed, 3 boxes, 9905'-9923')
- ✓ FEX L.P. **Aklaqyaak #1** core (4" 2/3 slabbed, 7 boxes, 9905'-9923')

- ✓ USGS **Wainwright Landfill #9** unwashed cuttings (2 boxes, 80'-1,300')
- ✓ USGS **Wainwright Landfill #9** core (2.5" whole, 1161'-1283')

Data Reports Published

No. 384: Boyer, D. (BPXA) 2011, Thin Section Photomicrographs and descriptions for **Mikkelsen Bay St #13-09-19**, **W Mikkelsen St #1**, and **Sag River St #1**, Lisburne to total depth

No. 385: Shimer, G. (UAF) 2011, Porosity, permeability, and capillary pressure core analysis results (2,124'-2,193') from the U.S. Navy **Umiat Test #11** well

No. 386: Talisman Energy Inc. 2011, Porosity, permeability, and grain density core analysis results from the FEX Limited Partnership **Aklaq #6** well and white light and ultra-violet photography of the FEX Limited Partnership **Aklaq #2**, **Aklaq #6**, and **Aklaqyaak #1** wells

No. 387: Millrock Resources 2011, Core descriptions and assay results from the Cominco DDH-1 through DDH-5 boreholes, **NAP Cu-Zn Prospect** and Humble Oil H-02 through H-17 boreholes, **Kemuk Mountain Prospect**, Dillingham Quadrangle, Alaska

No. 388: Millrock Resources 2011, Core photographs of the Cominco DDH-1 through DDH-4 boreholes, **NAP Cu-Zn Prospect**, Dillingham Quadrangle, Alaska



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Data Reports, cont.

No. 389: Millrock Resources and ALS USA Inc. 2011, Core photographs, assay results, and 1988 drill logs from the Cominco DDH-1 through DDH-4 boreholes, **Shadow Prospect**, Tyonek Quadrangle, Alaska

No. 390: Millrock Resources 2011, Drill logs (1987) from the Cominco Upper Discovery DDH-1 and Lower Discovery DDH-1 through DDH-5 boreholes, **Mt. Estelle Prospect**, Tyonek Quadrangle, Alaska

No. 391: Pacific Rim Geological Consulting, Inc. 2011, Core descriptions, photographs and thin section photomicro-graphs from the Humble Oil DDH-04, 07, 08, 09, 10, 11, 12, 14, 15, 16, and 17 boreholes, **Kemuk Mountain Prospect**, Dillingham Quadrangle, Alaska

No. 392: Thompson, P.R. (IRF Group, Inc.) 2011, Foraminiferal analyses from 17 Alaska DGGs outcrop samples, 2010

Visits

There were **43 visits** to the GMC for **July 2011**, including representation from:

- ✓ Aeon Biostratigraphic Services (Anchorage)
- ✓ Golder Associates
- ✓ Millrock Resources
- ✓ MWH Alaska
- ✓ Teck Resources, Inc.
- ✓ University of Alaska, Fairbanks
- ✓ and the general public

cc: Rodney A. Combellick, Deputy Director of DGGs