

ALASKA GEOLOGY

Newsletter of the
Alaska Geological Society



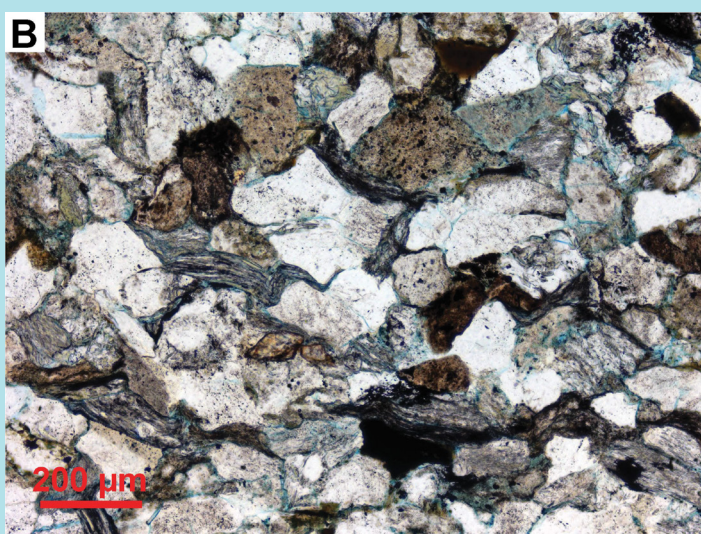
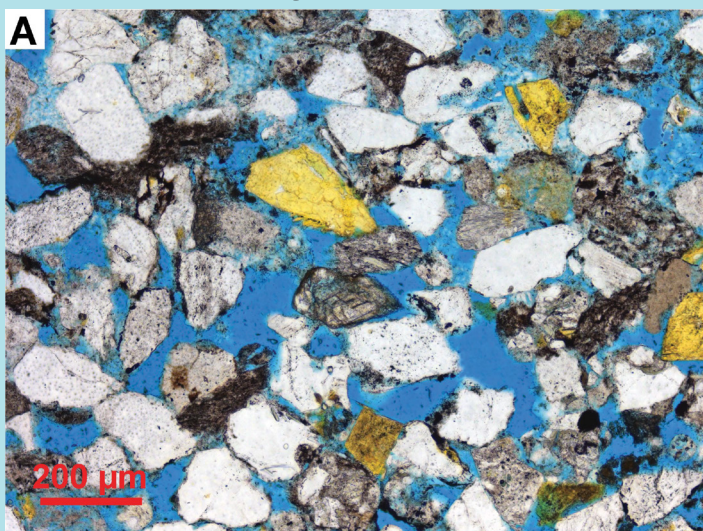
November's Meeting and Presentation Has Been Cancelled

Editor's Note:

Unfortunately, November's AGS meeting and presentation had to be cancelled due to the lack of an available speaker. To prevent this from happening again, the board of directors would like help from the membership in identifying future speakers. If you have any suggestions for presentations, please advise Ben Rickards at rickards.ben@gmail.com

My Pet Rock

Kenneth P. Helmold

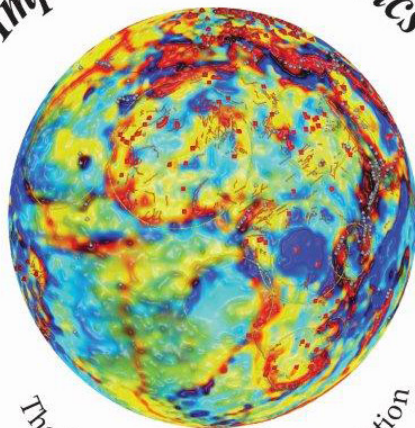


Comparison of reservoir quality in two fine-grained Nanushuk sandstones with different burial histories. (A) Sandstone from Wainwright 1 located along the northern coast of Alaska has a maximum burial depth (D_{max}) of 3424 ft (shallow burial) with 26.0% porosity and 112.0 md permeability. (B) Sandstone from Grandstand 1 located south of NPRA has a D_{max} of 8884 ft (moderately deep burial) with 5.4% porosity and 0.08 md permeability. Ductile deformation of argillaceous lithic fragments (largely mudstone, argillite, phyllite, and schist) resulting from mechanical compaction associated with deep burial is the principal mechanism of reservoir quality (porosity and permeability) destruction.

AGS Meeting

Date & Time:	Thursday, November 17 (meeting has been cancelled)
Program:	Cancelled
Speaker:	Cancelled
Place:	Hybrid online & live presentation at BP Energy Center; 1014 Energy Court, Anchorage, AK
Reservations:	Reservations are not required

Impact Crater Tectonics

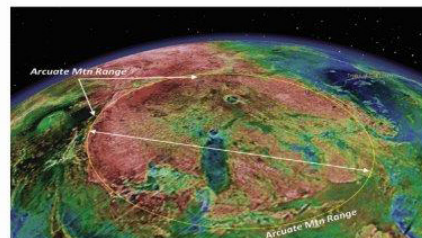


The Future of Resource Exploration

David Buthman

Impact Crater Tectonics provides a universal geologic framework for the prediction of Earth's mineral resources. Based on sound scientific, mathematic, and geologic principles, the demonstrated relationships between impact craters and mineral resources consecrates an imminent paradigm shift for interpreting the tectonic evolution of Earth, particularly for Alaska.

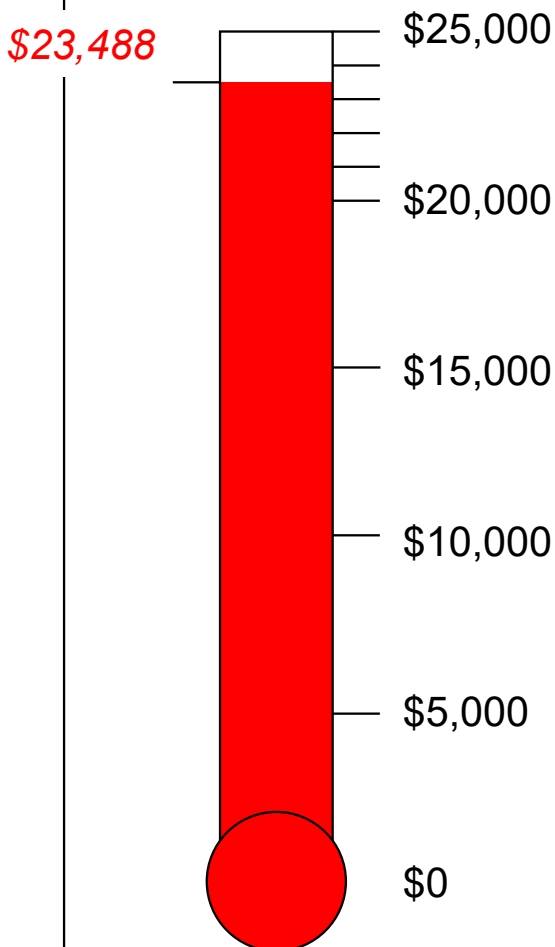
Full-color, 297-page, 8.5" x 11" perfect-bound book, with over 200 photos, graphs, and illustrations. Available on Amazon, or signed copy from author at ImpactCraterStudies.org.



Gil Mull Scholarship

PLEASE HELP!

We're nearly there!



In memory of Gil Mull (1935-2021), family and friends are raising funds for the *Charles Gilbert Mull Field Camp Scholarship* for geology students at the University of Alaska Fairbanks. The scholarship will allow students to attend a geology field course of their choice.

GOAL: Build a minimum endowment of \$25,000, which will provide a UAF scholarship in perpetuity

DONATIONS:

You may contribute online here:

<https://engage.alaska.edu/>

Select designation "Other", and write in: *Charles Gilbert Mull Field Camp Scholarship* and complete the form.

For contribution by mail, please note the *Charles Gilbert Mull Field Camp Scholarship* in your correspondence, and address to:

University of Alaska Foundation
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Please contact Prof. Michael Whalen with any questions (mtwhalen@alaska.edu)



Alaska Geological Society



SEEKING DONATIONS FOR AGS SCHOLARSHIP FUNDS

This is a challenging year for students at all levels, and geoscience students in the universities need our support more than ever. When you pay your membership dues this year, please consider a contribution to an AGS scholarship fund. You can also contribute to AGS scholarships through Pick, Click, Give when you apply for your Alaska Permanent Fund Dividend. **AGS is a 501c3 nonprofit organization and all contributions are tax deductible.**

The Alaska Geological Society offers scholarship awards
to graduate and undergraduate students
who are conducting geoscience research projects in Alaska

including

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The Don Richter Memorial Scholarship



Scholarship information and applications are available online at
www.alaskageology.org

The Alaska Geological Society, Inc.

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The Alaska Geological Society, Inc.
P.O. Box 101288
Anchorage AK 99510
<http://www.alaskageology.org>

The Alaska Geological Society is an organization which seeks to promote interest in and understanding of Geology and the related Earth Sciences, and to provide a common organization for those individuals interested in geology and the related earth sciences.

This newsletter is the monthly (September-May) publication of the Alaska Geological Society, Inc. 300± newsletters delivered electronically per month.

Kenneth P. Helmold (Editor)
Alaska Geological Society, Inc.
P. O. Box 101288
Anchorage, AK 99510
e-mail: helmold@alaskan.com
mobile: 907-297-8883

MEMBERSHIP INFORMATION

AGS annual memberships expire November 1. The annual membership fee is \$25/year (\$5 for students). Lifetime membership is \$250. You may download a membership application from the AGS website and return it at a luncheon meeting, or mail it to the address above.

Contact membership coordinator Kirk Sherwood with changes or updates (e-mail: membership@alaskageology.org; phone: 907-240-2546)

All AGS publications are now available for on-line purchase on our website. Complete catalogue at: <http://www.alaskageology.org/publications1.html>

ADVERTISING RATES

Advertisements may be purchased at the following rate: \$200 for 9 monthly issues (September - May) of AGS newsletter (any size up to full page) and companion ad on AGS website for full year (beginning each September).

Contact Jennifer Crews at jennifer.r.crews@conocophillips.com to place ad.

Pick.Click.Give.

It's PFD Application Time!

Did you know that you can support the society through Pick.Click.Give? When you fill out your PFD application, just select Alaska Geological Society, Inc. in the list of non-profits and you can help AGS to promote the uniqueness of Alaskan Geology and provide for education, geologic research, and networking to all who are interested as well as provide scholarships to students across a wide range of geologic topics.

<https://www.pickclickgive.org/index.cfm/pfdorgs.info/Alaska-Geological-Society-Inc>

- From the PFD home page <http://pfd.alaska.gov/Application>, select the green "Add or Change Your Pick.Click.Give. Donation" button
- You can change/add your donation at any time throughout 2021



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Alaska Geological Calendar of Events



Date	Time	Organization	Event	Location
Oct 27, 2022	11:45 am	AGS	Chris Smith, Advanced Hydrocarbon Stratigraphy, "Evaluating Oil Quality and Microbial Activity Across Fault Blocks and Subunits of the Ugnu (N. Slope, Alaska) by Volatiles Analysis of Cuttings and Produced Crude - Implications for Completions and Production "	Hybrid: Google Meet & BP Energy Center
Nov 17, 2022	11:45 am	AGS	November's meeting and presentation has been cancelled	
Dec. 15 2022	11:45 am	AGS	Speaker and topic to be announced	Hybrid: Google Meet & BP Energy Center

AMA: Alaska Miners Association; **AGS:** Alaska Geological Society; **GSA:** Geophysical Society of Alaska

AAEP: Alaska Association of Environmental Professionals; **SPE** Society of Petroleum Engineers;

UAA University of Alaska Anchorage.

Membership Note

Membership renewal is November 1; annual dues are:

Full member - \$25

Student member - \$5

Lifetime membership - \$250



2022 - 2023 Alaska Geological Society Board, Committees and Delegates

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Director 2021-2023	Tom Homza	907-301-2851	thomas.homza@shell.com	Shell
Director 2022-2024	Kirk Sherwood	907-240-2546	membership@alaskageology.org	
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AAPG Delegate	Ken Helmold	907-297-8883	helmold@alaskan.com	
PSAAPG AGS Representative	Ken Helmold	907-297-8883	helmold@alaskan.com	
Advertising	Jennifer Crews		jennifer.r.crews@conocophillips.com	CononcoPhillips
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Memberships	Kirk Sherwood	907-240-2546	membership@alaskageology.org	
Newsletter Editor	Ken Helmold	907-297-8883	helmold@alaskan.com	
Publications	Kirk Sherwood	907-240-2546	publications@alaskageology.org	
Scholarship	Sue Karl	907-441-8010	smkarl107@gmail.com	USGS
Website	Heather Beat	907-443-3842	heather.beat@alaska.gov	AK DOG
Fundraising	Jennifer Crews		jennifer.r.crews@conocophillips.com	CononcoPhillips