

October 2020
Volume 3, Number 9

NISQUALLY CHAPTER OF THE
ASSOCIATION OF ENVIRONMENTAL &
ENGINEERING GEOLOGISTS

The Official

AEG Nisqually Chapter Newsletter

October Meeting Details Tuesday, October 6th

Location: Go To Meeting

You must RSVP to

aegniskally@gmail.com

By 3pm Oct 6th

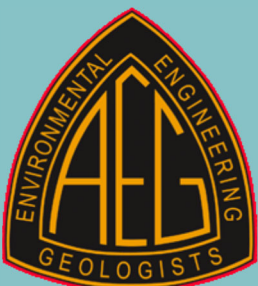
Put RSVP in the subject line

6:00 Presentation

Dinner: At your home

FREE for Member or Non-Member

Upcoming Meetings:

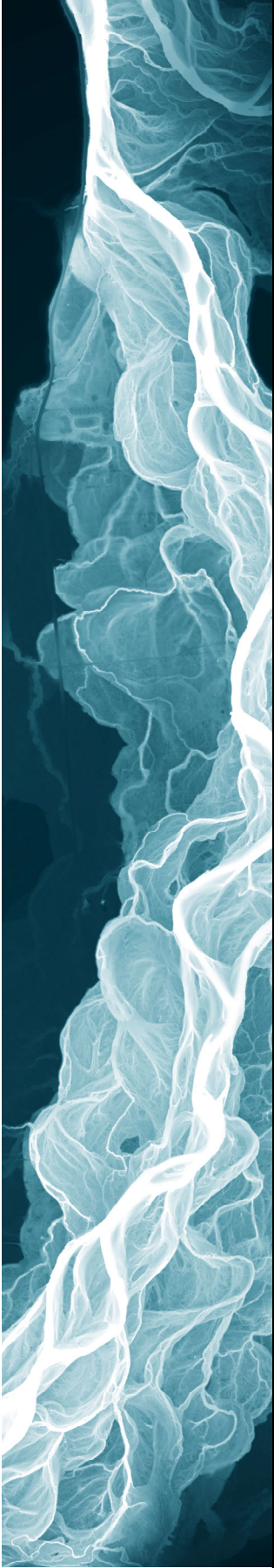


The geologic history and ore forming processes that took place in northern Nevada have resulted in faulted, fractured, and altered rock masses particularly near, or within ore deposits. Many of the gold deposits in northern Nevada are Carlin style, which occurs in replacement carbonate host rocks which is detrimental to the geotechnical qualities of the rock. Ground conditions at many of the underground gold mines in Nevada range from good to very poor, and the ground support required is as complex as the forces acting against them. Most of the instability situations at underground operations in Carlin can be attributed to; corrosion, groundfalls, squeezing ground, and raveling ground.



This presentation will discuss the challenges associated with traditional split sets and inflatable bolts in one Nevada underground operation, and the need to develop a more comprehensive ground control solution for their highly specific ground conditions. What worked and what didn't? What mechanization methods could be used to decrease installation time, and therefore increase productivity?





Bio: Brittany Dayley

Brittany Dayley works as a State Lands Geologist for the Washington State Department of Natural Resources where she works with landslides and their correlation with timber harvesting. Previously, she spent the last 5+ years working as an engineering geologist in both underground and surface gold mine operations in the US. Her background is primarily in ground control, void target drilling of historic underground workings and economic geology.



Message from the Outgoing Chair

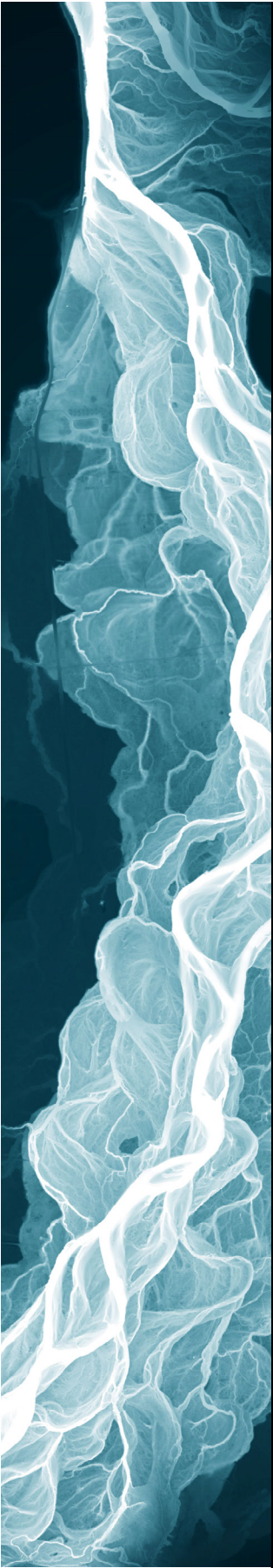
So long and thanks for all the rocks!

It's been fun working with you and serving as your chair this past year. We have a great community of geologists here in the south sound and I'm so happy to see the great talent serving on the board going forward. After three years on the board, I think that I'm termed out for now, but will look for ways to stay involved. The board is always looking for people to lead field trips, help with a social media page or giving talks, we should all look for ways to support the organization.

Stay well and rock on,

Trevor

trevor.contreas@dnr.wa.gov



Message from the Chair

A Peaceful Transition

Greetings, AEG Nisqually! Here's the latest news from the Board: Ex-Chair extraordinaire, Trevor Contreras, passed the keys to me over a Zoom Meeting a few weeks ago. Though it was pretty non-controversial, I'd like to thank him for the peaceful transition. Brittany Dayley is our Vice-Chair this year. We are excited to have her on the Board and she will be able to introduce herself again to AEG Nisqually members at our upcoming meeting. Ashley Cabibbo and Sam Denham will be continuing on in their service to AEG Nisqually as Secretary and Treasurer this year. My thanks to both of them for that! Also, we have Kara Jacobacci acting as 'remote meeting czar' and Kate Mickelson continuing to bring you this newsletter.

With the help of current and past Board Members, we are going to keep the wheels on this cart for the next 12 months and do our best to maintain a semblance of normalcy in the midst of all of the current turmoil. Yeesh. In the meantime, we can take some solace in the knowledge that a little catastrophism peppered into the otherwise uniform record is pretty typical.

What remains of 2020...

Our new Board will be meeting in December to work on our plans for 2021. We will be considering the new opportunities presented by remote meetings, such as having a broader (and larger) AEG audience and recording our presentations. We will also be grappling with a few topics that are closely related to the times we are living through, including "What does a Geology field trip look like in the age of COVID?" and "Social Media and AEG Nisqually – are we going there?"

We hope to bring the membership a mix of informative technical talks and local industry updates, to act as a binding agent for our community, as well as a catalyst for those of us looking for work or workers.

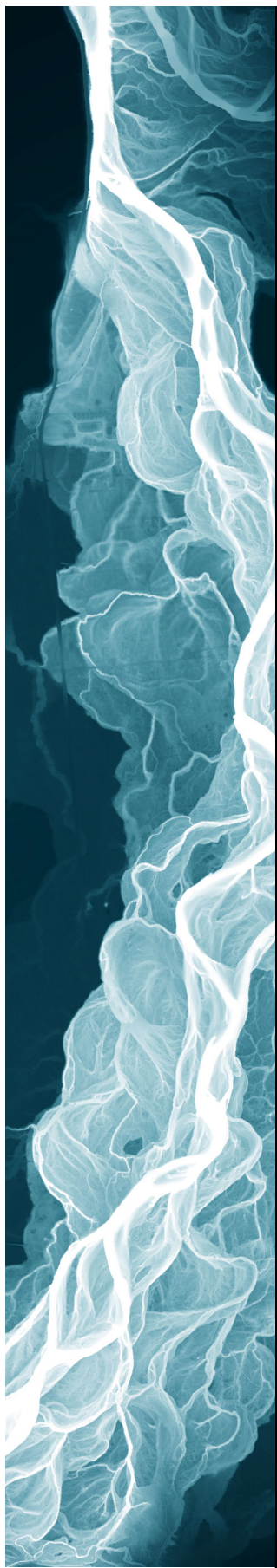
On November 3, we are very pleased to have John Rose present a talk on Water Rights in Washington State. We will have more to share on this in our next newsletter.

In December, we would like to have a community 2020 retrospective, of sorts. We'll be asking AEG Nisqually members to share a brief snippet of their work this year and share a few photos. We hope that this will be a fun evening and that it will help keep us in touch. We will reach out to you via email in the future to facilitate this idea.

Hang in there, AEG Nisqually! I look forward to seeing you all soon.

Gabe Taylor

taylorg@wsdot.wa.gov



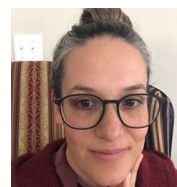
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Chair:
Gabriel Taylor
WSDOT



Vice Chair:
Brittany Dayley
Washington Department of Natural
Resources
Brittany.Dayley@dnr.wa.gov



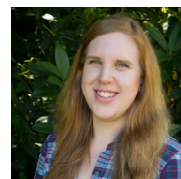
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<http://aegweb.org>

The AEG Nisqually Chapter Newsletter

The Association of Engineering Geologists (AEG) contributes to its members' professional success and the public welfare by providing leadership, advocacy, and applied research in environmental and engineering geology. AEG's values are based on the belief that its members have a responsibility to assume stewardship over their fields of expertise. AEG is the acknowledged international leader in environmental and engineering geology, and is greatly respected for its stewardship of the profession.

AEG NISQUALLY CHAPTER NEWSLETTER is published monthly from September through April. Subscriptions are for members of AEG affiliated with the Nisqually Chapter or other Chapters, and other interested people. E-mail subscriptions are free.

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