

FAULTED DIGEST

Vol. 4 Issue 5 October -
December
2025

AIPG Colorado
Selection Publication

Brought to you by AIPG Colorado
Welcoming Fall in Colorado

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COMPETENCE · INTEGRITY · ETHICS

AIPG COLORADO SECTION



Jessica Cutter



NEWSLETTER EDITOR'S

Vanessa
Magaña



Happy Fall!

Autumn is in full swing, the trees are changing colors and the air is cooling. As we move into the colder months, we pull our attention indoors. In the Faulted Digest for Fall '25 explore some great options for geology and nature-themed events, conferences and publications. Lots of changes come with the turn of the season, thus I must make an important announcement;

After a wonderful year, I'm saddened to announce that this will be the last newsletter I edit for the Faulted Digest of the Colorado Section of the AIPG.

I started this journey during my junior year and now I'm graduating in the spring of 2026. How time flies!

We are looking for a new and creative candidate to continue the newsletter for the upcoming year. So look forward to new perspectives and ideas in the coming year.

If you are interested in applying for newsletter editor, please email me or the Colorado Section AIPG President Jessica Cutter as soon as possible. It was an honor and a joy to be newsletter editor for the Colorado AIPG, and to be part of this amazing executive committee!

Thank you all and I wish everyone a great end to 2025 and a Happy Holidays!

Vanessa Magaña

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2025



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State Representative Kyle Brown - House District 12
Boulder and Broomfield Counties

Representative Kyle Brown's parents were drawn to Boulder County by the quality of life and the promise of new beginnings. He and his wife Kate, and attended high school together in the area, but only met after each moved to Boston years later. They married and returned to Louisville to raise their kids and be close to their families.

Since receiving his PhD in Genetics from Harvard, he has devoted his career to public service, serving as a senior advisor to senior U.S. Senators and two Governors. He has worked to create and implement policies that expand access to quality, affordable health care while serving as a Deputy Commissioner at the Colorado Division of Insurance.

He served as an advisor for both the Colorado Dept. of Public Safety and the Colorado Dept. of Public Health and Environment during the pandemic to expand COVID-19 testing and develop state testing strategy. Finally, He served as a City Council member for the City of Louisville from 2020 until taking office as a state Representative in 2023.



State Senator Larry Liston - Senate District 10
El Paso County

Senator Larry Liston has lived in his Senate District for over 50 years. He retired in 2008 after 33 years as vice-president for the Royal Bank of Canada. He has served twelve years in the Colorado General Assembly as a State Representative for House District 16 and was elected State Senator, District 10 in November 2020.

State Senator Liston has consistently been recognized over the years for his leadership and believes in limited government, strong national defense, and our men and women in law enforcement. He is a strong advocate for free-market businesses that create jobs and a future for the citizens of our communities.

He is a long-standing member of the Downtown Colorado Springs Rotary Club, active member of the First Presbyterian Church of Colorado Springs, enjoys golfing, hiking, and reading books on history.



State Senator Cleave Simpson - Senate District 6
Alamosa, Archuleta, Conejos, Costilla, Dolores, La Plata, Mineral, Montezuma, Montrose, Ouray, Rio Grande, Saguache, San Juan, and San Miguel Counties

Senator Cleave Simpson serves as the general manager of the Rio Grande Water Conservation District and past chairman of the on the Adams State University Board of Trustees. Simpson's primary focus in the senate is rural Colorado relevance, resilience and prosperity.

A fourth-generation San Luis Valley farmer and rancher, Simpson has a deep understanding of the water issues facing Colorado's agriculture and rural communities. He believes leadership through a thoughtful, collaborative approach is necessary to provide solutions to the pressing needs across Senate District 35 and the state of Colorado.

Simpson serves as a representative on the Rio Grande Basin Roundtable and is a Roundtable representative to the statewide Interbasin Compact Committee. He is active in the Colorado Water Congress, and has served on the Farm Service Agency County Committee, Alamosa County Planning Commission, Alamosa Mosquito Control District and Alamosa School District Accountability Committee. He is a member of Action Colorado, and the Colorado Farm Bureau.

Minium

Minium is a bright red to orange lead oxide mineral. The name Minium was derived from the Minho River in Iberia, formally named the Minius River. Upon first glance, it is often confused with cinnabar, a mercury sulfide mineral, especially the specimens with redder coloration.

Formula: Pb_3O_4

Luster: Greasy, Dull

Transparency: Translucent

Color: Red, brownish-red, yellowish tint

Streak: Orange-yellow

Mohl's Hardness Scale: 2.5

Crystal System: Tetragonal

Specific Gravity: 8.9 - 9.2

NATIONAL EVENTS

October

1st: AI, Drones & Satellites: Tech Skills Geoscientists Need (or get left behind) 10am Mountain Time.

4th: AIPG National Executive Committee Quarterly Hybrid Meeting *Chesterfield, Missouri*. 8am Central Time.

AIPG Student and Early Career Professional - Professional Development Day. 8am

Hands-On RockWorks25 Training Class (earn .7 CEUs). 9am.

AIPG Advisory Board Section Hybrid Meetings. 1pm Central Time.

4th – 7th: 2025 AIPG National Conference - St. Louis, Missouri

4th, 11th, 18th, 25th: WMMI Miners' Pumpkin Patch

6th: Professional Ethics for Engineers and Geoscientists

14th: WMMI Lecture – Dr. Dylan Harris

14th & 15th: Rocky Mountain Groundwater Conference

19th – 22nd: GSA Connects - AIPG Discount Code

23rd & 24th: EFG Resources and Reserves Calculation with RecMin: Practical 3D Modelling for Mineral Deposits

For more info on all NATIONAL EVENTS, please visit: https://aipg.org/events/event_list.asp

NATIONAL EVENTS

November

5th – 7th: 5th International Professional Geology Conference

11th: WMMI Lecture–Bob DeWitt: “Gone But Not Forgotten: Some Early Coal Camps of Southern Huerfano County”

Later Down the Road...

JANUARY 2026

27th & 28th: Florida Groundwater Conference

FEBRUARY 2026

17th: California Water Well Workshop

18th & 19th: California Groundwater Conference

For more info on all NATIONAL EVENTS, please visit: https://aipg.org/events/event_list.asp

COLORADO EVENTS

O C T

3rd: Enchanted Mesa Group Hike. 298 Morning Glory Rd. Boulder, Colorado 80302 United States. 9am. Enchanted Mesa Group Hike - The Colorado Chautauqua. FREE!

6th: Colorado Chautauqua History Tour. 298 Morning Glory Rd. Boulder, Colorado 80302 United States. 10am. Colorado Chautauqua History Tour - The Colorado Chautauqua. FREE!

4th, 11th, 18th, 25th: WMMI Miners' Pumpkin Patch
225 North Gate Blvd, Colorado springs, Colorado 80921

25th: Mines Museum Spooktacular. 2pm – 5:30pm. Colorado School of Mines. 1500 Illinois St., Golden, CO 80401
<https://calendar.mines.edu/all/event/10983-mines-museum-spooktacular>.

N O V

14th – 16th: Jeffco Mineral Show. 10am - 5pm daily, last day 10am - 4pm. 15200 W 6th Ave Jefferson County Fairgrounds Golden, CO 80401

15th: Free Mines Museum Mineral ID Day. 1pm – 4pm. Colorado School of Mines. 1500 Illinois St., Golden, CO 80401
<https://calendar.mines.edu/all/event/10982-mineral-id-day>.

D E C

12th – 14th: Rocks & Rails Mineral, Gem, & Model Train Show/Expo. 9595 Nelson Rd Boulder County Fairgrounds Longmont, CO 80501. Rocks & Rails Mineral, Gem, & Model Train Show/Expo.

The October/November/December 2025 Issue of *The Professional Geologist* is available on the AIPG website! Featuring:

7 - The Brinicle Formation: Understanding the Interaction between Salinity, Temperature, and Marine Lifes Alice Chen and Mossbah Kolkas, CPG-10180

12 - Do the proposed changes to NI 43-10 impact you?
Sally Gillies, P.G.

16 - AIPG in Cornwall England: Granite, Schist, Copper, Tin, China Clay, and Pasties
Dr. Kevin Svitana, MEM-1840

48 - GIS as Art: The Need to Develop Engaging Maps
Isaac Pope, SA-9950

Link to the PDF: [October/November/December](#)

FUTURE CAREERS

Broadbent & Associates, Inc. [Staff Geologist / Staff Environmental Scientist](#). Fort Collins, CO, United States (on-site)

Full-time

[Broadbent & Associates, Inc. hiring STAFF GEOLOGIST / STAFF ENVIRONMENTAL SCIENTIST in Fort Collins, CO | LinkedIn](#)

[Terra Guidance, LLC](#) . [Geosteering Geologist](#). CO, United States.

Full-time

[Terra Guidance, LLC hiring Geosteering Geologist in Colorado, United States | LinkedIn](#)

MacKay Spósito. [Geotechnical Engineer – Geohazards/ Infrastructure/ Construction Defects](#). Fort Collins, CO, United States. Full-time

[MacKay Spósito hiring Geotechnical Engineer – Geohazards/ Infrastructure/ Construction Defects in Fort Collins, CO | LinkedIn](#)

[WSP in the U.S.](#) [Early Career Geologist](#). Lakewood, CO, United States. Full-time

[WSP in the U.S. hiring Early Career Geologist in Lakewood, CO | LinkedIn](#)

[Fervo Energy](#). [Geomechanics Engineer/Specialist](#). Golden, CO, United States. Full-time

[Fervo Energy hiring Geomechanics Engineer/Specialist in Golden, CO | LinkedIn](#)

[Burns & McDonnell](#). [Geologist Intern](#) - Environmental Services, Remediation. Denver, CO, United States. Full-time

[Burns & McDonnell hiring Geologist Intern - Environmental Services, Remediation \(Denver\) in Denver, CO | LinkedIn](#)

[TRC Companies, Inc.](#) [Environmental Intern](#). Golden, CO, United States. Part-time.

[TRC Companies, Inc. hiring Environmental Intern in Golden, CO | LinkedIn](#)

AIPG PURPOSE

The purposes of the Institute shall include:

- advance the geological sciences and the profession of geology;
- establish qualifications for professional geologists;
- certify the qualifications of specific individual Member geologists to the public;
- promote high standards of ethical conduct among its Members and Adjuncts, and within the profession of geology; and
- represent, and advocate for, the geological profession before government and the general public.



WHAT WE DO

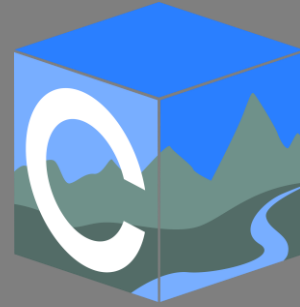
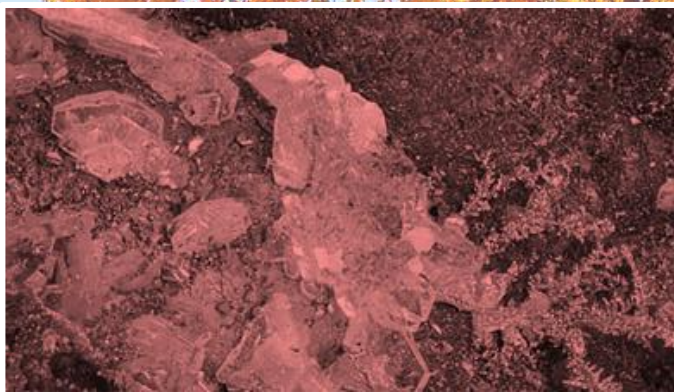
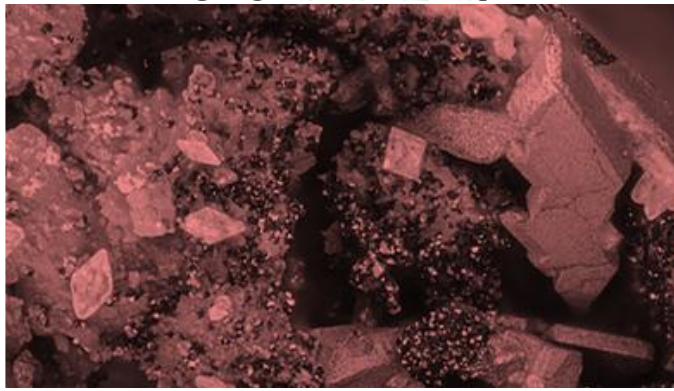
Professional Certification - Certifies geologists based on their Competence, Integrity, and Ethics.

- Categories of Membership - Certified Professional Geologist, Professional, Early Career Professional, Associate, and Student.
- Ombudsman - Intervenes with regulatory boards and agencies on behalf of individual geologists, at the geologist's request. Information also is disseminated in cooperation with the Association of State Boards of Geologists.
- Lobbying - Presents testimony and position papers to Federal and State legislators and agencies on matters affecting geologists and geologists' employment opportunities. Exhibits at the National Conference of State Legislators.
- Liability Insurance - Provides access to insurance for errors and omissions, designed specifically for geologists.
- Continuing Education - Through online learning, publications, seminars, short courses, and field trips, provides educational opportunities for geologists, other scientists, engineers, and the general public.
- Supplemental, Life, and Accident Insurance - Provides access to a full line of supplemental, life, and accident insurance.
- International Comity - Through agreements with professional societies in other countries, provides access for its Members to professional registration, certification, or chartered status in those countries.
- State and Section Activities - State and regional sections work on local political issues and the professional status of geologists in their geographic areas. The Institute's sections around the country hold regular meetings, featuring educational programs covering important subjects of interest to professional geologists. One of the most worthwhile benefits of AIPG Membership is the opportunity to make personal contact at the local and State level; to meet fellow geologists; and to learn from them.

S P O N S O R S

C O P P E R

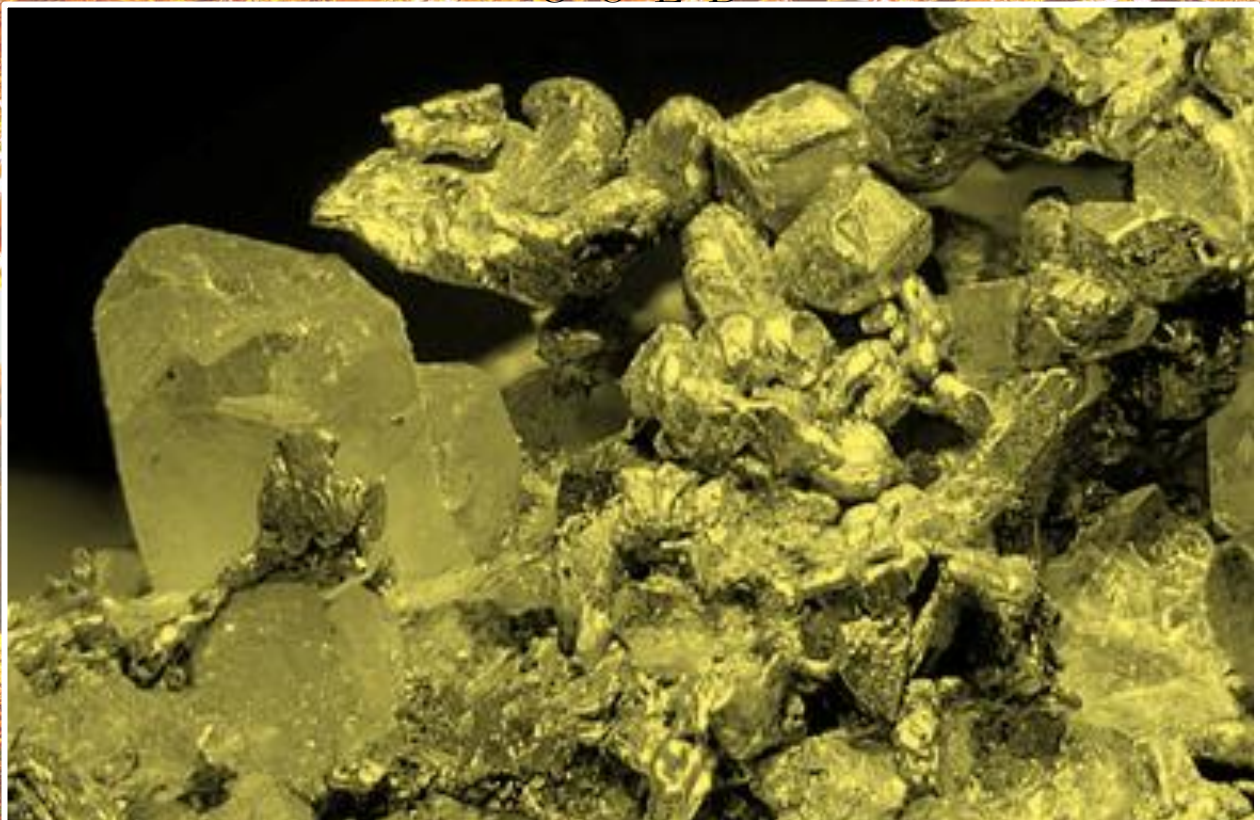
S I L V E R



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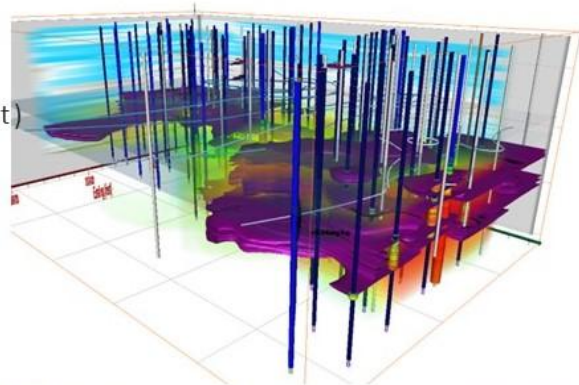
G O L D



DIAMOND

SITE CHARACTERIZATION

Membrane Interface Probe (MIP, MiHpt)
Optical Image Profiler (OIP-UV, OIP-G, OiHpt)
Hydraulic Profile Tool (HPT)
3D Data Visualization & Modeling
Ground Water Profiler (HPT-GWP)



REMEDIATION

Clean-Inject In-Situ Injection Systems
Unique Top-Down Lateral Injection Tooling
Hydraulic Emplacement of Sand/ZVI
Permeability Enhancement for AS/SVE
ISCO, ISCR, ISBR



GEOTECHNICAL & ENVIRONMENTAL

DRILLING

Direct-Push & Auger
Geoprobe Dual Technology Rigs
Dual-Tube Coring Systems
Discrete Ground Water Sampling
Monitor Wells, Piezometers



SOIL GAS - VAPOR INTRUSION

Active & Passive Soil Gas, Sub-Slab
Soil Gas Sampling/Monitoring
Tier-2 Landfill NMOC Surveys
Stray Gas Migration



Vista GeoScience

*Advanced Site Characterization &
Optimized In Situ Remediation*

130 Capital Dr. STE A, Golden, CO 80401

303-277-1694

Request for Proposal Contact:

RFP@vistageoscience.com

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