

# Inland Geological Society

April 2026

**Meeting:**

**Tuesday,  
April 7th**

**Time:**

**Social: 6:00pm**

**Dinner 6:15pm**

**Presentation:  
7:00pm**

**Location:**

**3 Iron**

**Brewing Company**

**898 South Via Lata,**

**Suite A**

**Colton, CA 92324**

**Coming to Dinner?**

**Students \$10**

**IGS Members \$12**

**Non-Members \$15**

**Please RSVP by  
April 3rd to:**

**rsvp.igs@gmail.com**

## Newsletter of the Inland Geological Society Volume 38 No. 4

**In this issue:**

- April Speaker: Dylan Terry ..... 1-2
- Announcements / Upcoming Events ..... 2
- IGS Meeting Schedule ..... 2
- Meeting Location & Current IGS Officers ..... 3

*Speaker: Dylan Terry*

### **"Geochemistry of the Inyo Volcanic Chain in Long Valley Caldera, California "**

***Abstract:***

*Abstract: The Inyo Volcanic Chain (IVC) is a series of rhyolitic lava domes straddling the northwest rim of the Long Valley Caldera (LVC), most recently erupting approximately 650 years ago, producing the South Deadman, Obsidian, and Glass Creek Domes. For this study, samples were analyzed for geochemistry and petrography at six of the IVC domes. The three oldest domes (Caldera Wall Dome, Wilson Butte, and North Deadman Dome) each derived from their own sources and there was no evolution of those lavas as they were emplaced. Obsidian Dome showed variability in geochemistry with the lava becoming more evolved as it was emplaced. South Deadman and Glass Creek Domes are both composed of two lavas, coarsely porphyritic (CP) lava, and finely porphyritic (FP) lava while Obsidian Dome is composed of the FP lava. Limited sampling of South Deadman and Glass Creek Domes meant that variation within a lava type on those domes could not be determined. Comparing the lavas of the chain indicated that none of them derive from the same magma source. The CP lava could be related to the lava that formed Deer Mountain which is thought to be the youngest eruption of the LVC. The other lavas of the IVC were not related to any external magma source studied.*

**Speaker Biography:**

Dylan Terry is an adjunct professor in geology, earth science, and astronomy at California State University, San Bernardino (CSUSB), Mt. San Antonio College (Mt. Sac), and Chaffey College. He received his masters degree in 2025 from CSUSB in Environmental Sciences with a Geology focus. His thesis studied the geochemistry of the Inyo Volcanic Chain along with assessing the capabilities of the portable Niton XL3t when measuring the geochemistry of felsic material.

**ANNOUNCEMENTS:**

We ask that anyone that wishes to attend an IGS meeting and would like to have dinner provided, to **PLEASE RSVP**. Those that do **NOT** RSVP will be offered dinner after all those that have RSVP'd have been served, and if any food remains.

The Inland Geological Society will meet the first Tuesday of each month at:

**3 Iron Brewing Company**

898 South Via Lata , Suite A  
Colton, California 92324

(<https://www.3ironbrewingco.com>)

**Our next meeting is scheduled for Tuesday, May 5, 2026.**

**Visit our:**

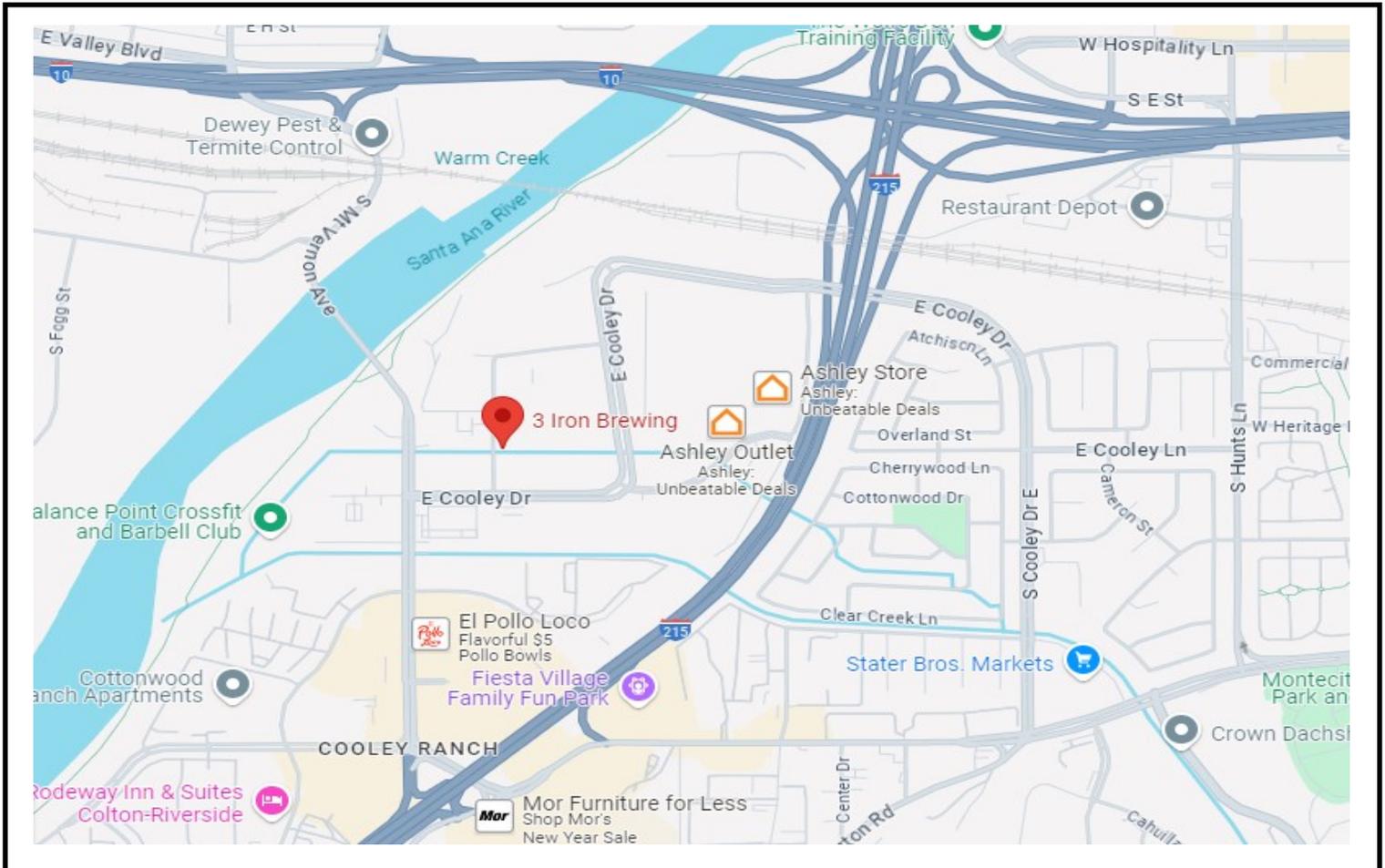
- Webpage at <https://www.inlandgeo.org>.
- Facebook Page at <https://www.facebook.com/groups/InlandGeo/>.

IGS coffee mugs are available at the monthly meetings for \$10. Get yours at the upcoming meeting!



### 3 Iron Brewing Company

898 South Via Lata , Suite A  
Colton, California 92324



### IGS OFFICERS

#### **President**

Jessie Del Mastro  
Colorado River Basin RWQCB  
jessie.p.bagby@gmail.com  
951.551.7804

#### **Vice President (Acting)**

Shanna Delgado  
Project Analyst  
geoshanna16@gmail.com

#### **Web Master**

Lance Pompe  
lpome@llu.edu

#### **Treasurer**

Margaret Gooding  
mgooding@roadrunner.com  
909.434.5377

#### **Secretary**

Shanna Delgado  
Project Analyst  
geoshanna16@gmail.com

#### **Membership Chair**

Silvia Flores  
flores.silvia.spf@gamail.com  
909.904.0785

#### **Newsletter Editor**

Jeff Fitzsimmons  
Colorado River Basin RWQCB  
geojeff08@att.net  
951.212.5018