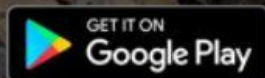


A Mobile Application for Geologists & Enthusiasts

ROCKID

Learn, explore, and document your geologic world



Explore the data

Chris Bonds, PG, CHg

Senior Engineering Geologist (Specialist)

CA-DWR-DRA-Sacramento

2026 CWEMF Annual Conference

April 20, 2026



Opening Thoughts...

- Have you ever come across a super cool geology, GW, or spring site and wanted to learn more about it?
- Do you really have room to carry those poster-sized geology maps on this trip?
- My friends, we don't have to worry about these all-too-common issues anymore...
- **Since, ROCKD puts Geology at your Fingertips in a Mobile World!**

ROCKD Overview

- What: An interactive tool for exploring the rock record, recording personal observations, and contributing new field data
- Who: Conceived & co-developed by Shanan Peters (PI) and collaborators
- When: 2016
- Where: University of Wisconsin-Madison (UW-M)
- Why: This app is aimed at geologists, students, and enthusiasts interested in learning about an area's geology and paleontology and contributing content to the ROCKD database
- How: Development team includes geologists, computer scientists, and social media/UX professionals
- Funding: National Science Foundation, UW-M, and Private Donations
- **Can CWEMF Members benefit from using ROCKD?**

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Mary Ruisi
April 23, 2022
Near Gatlinburg, TN
Round near a river in the Greak Smoky Mo...



 Details

 Zoom to

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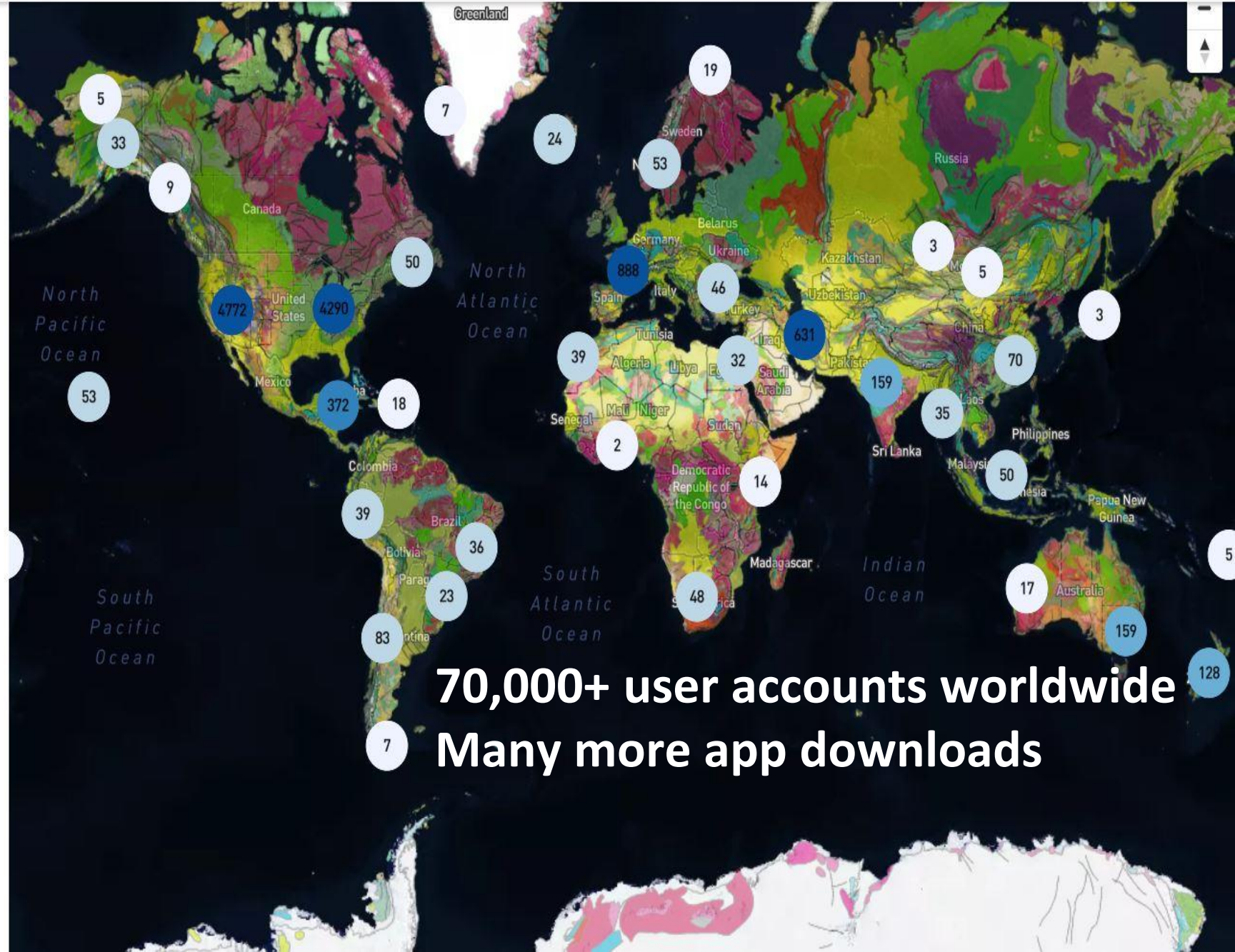


nap bingo
April 22, 2022
Near Lugoff, SC
The

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70,000+ user accounts worldwide
Many more app downloads

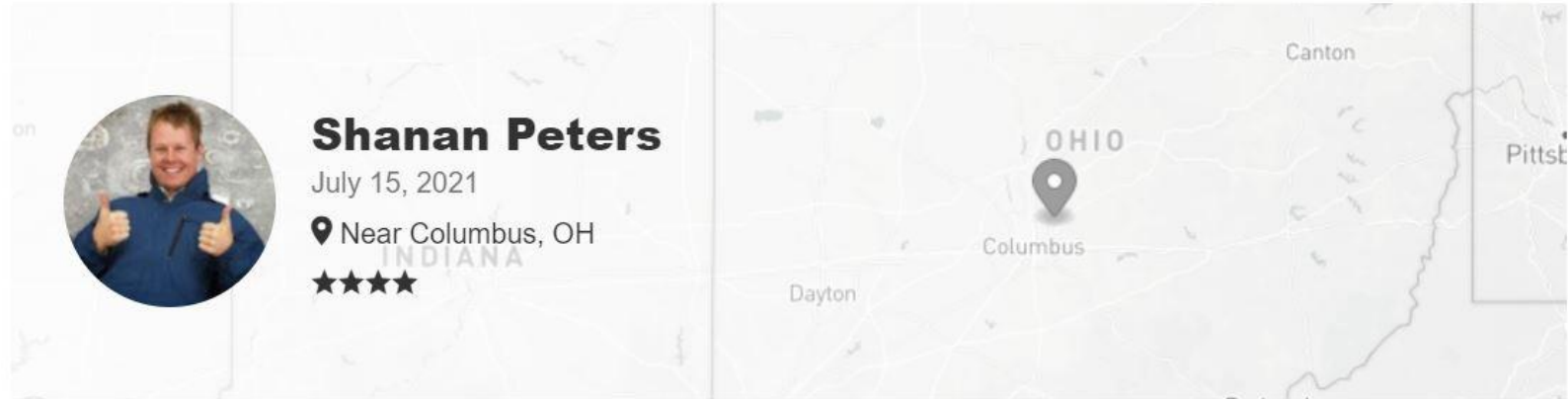
ROCKD

Check-ins

- Check-ins are the foundational unit for your contributed data in ROCKD and contain the following features:
- Outcrop description
- Date observed
- Quality (1-5 stars)
- Visibility (public/private)
- Location
- Likes
- For each new check-in, by default, the location is your current location

stream cut

4



stream cut



Bedford Shale

ROCKD

Check-ins

stream cut

↩ 4

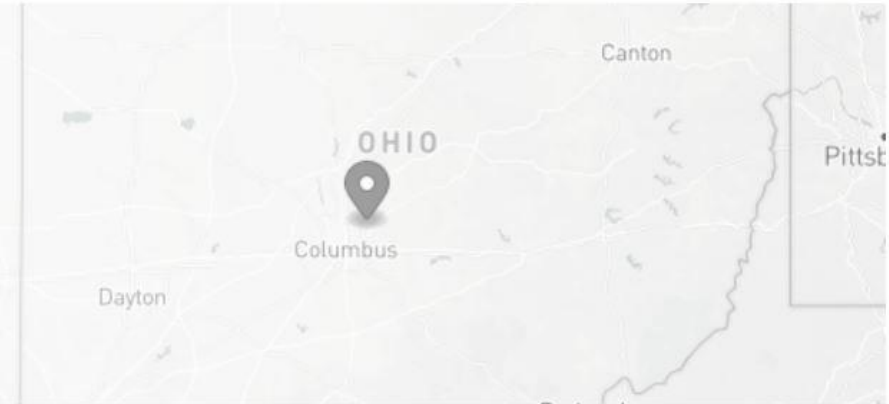


Shanan Peters

July 15, 2021

📍 Near Columbus, OH

★★★★



stream cut

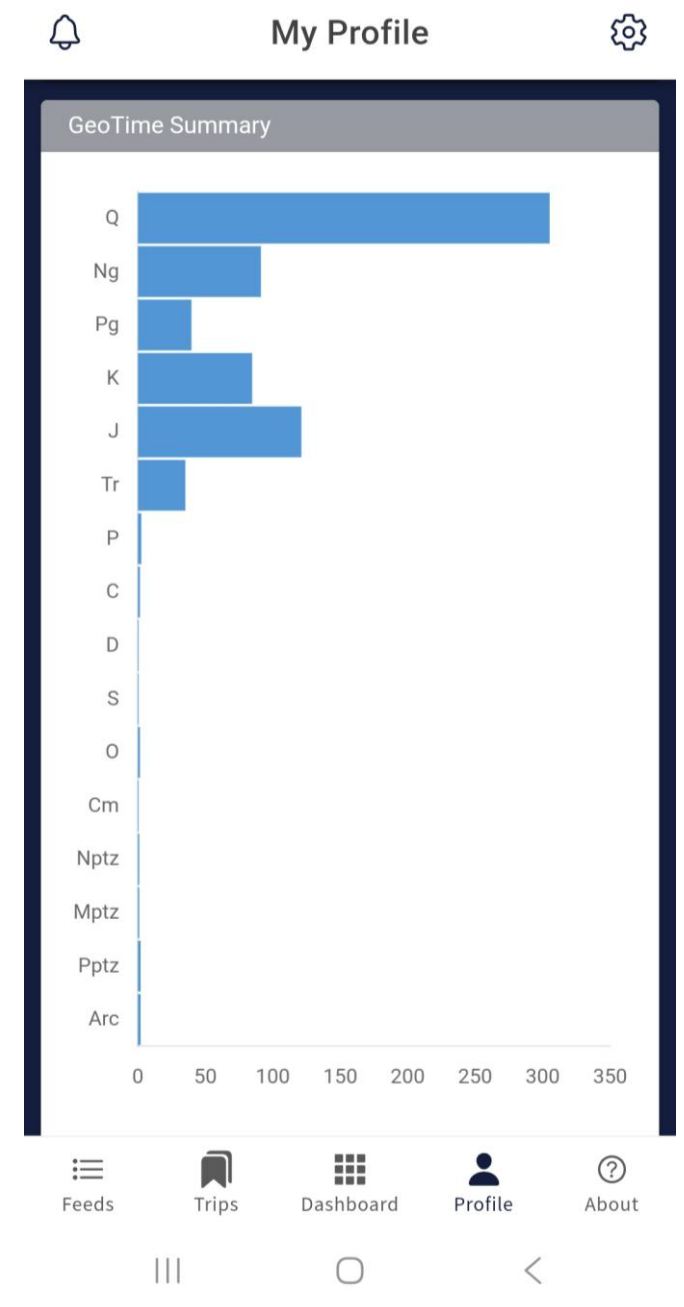
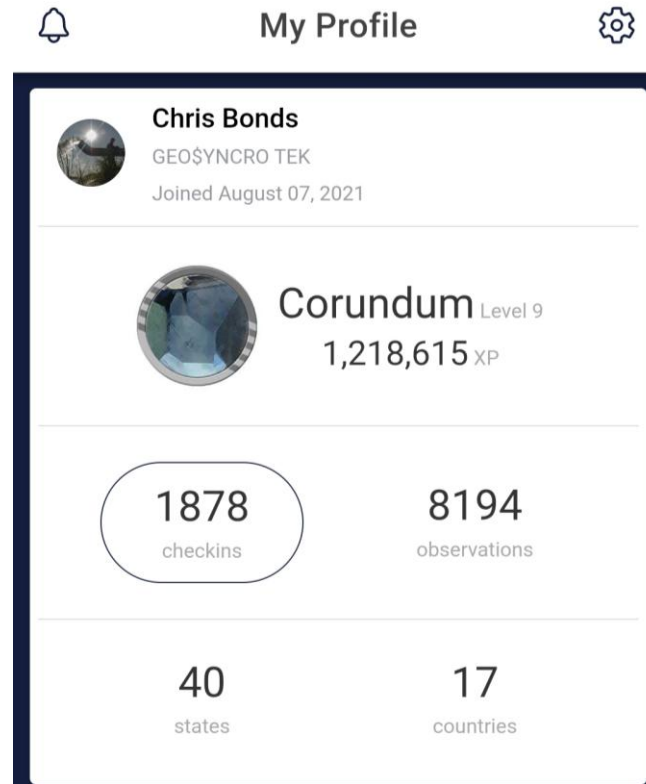


Bedford Shale

- **Observations:** a set of attributes and notes that describe a single feature and may contain the following:
- **Photo**
- **Sublocation**
- **Rocks**
- **Fossils**
- **Minerals**
- **Structure**

Profile

- Summary of User Info
 - User ID
 - Date joined
 - Experience Level
 - XPs
 - # of check-ins
 - # of observations
 - # of states visited
 - # of countries visited
 - GeoTime Summary



Feed

Feed

All

Nearby

Mine

Unsynced



Carters Limestone

Near Nashville-Davidson metropolitan gove...

Nathan Fields



1

2

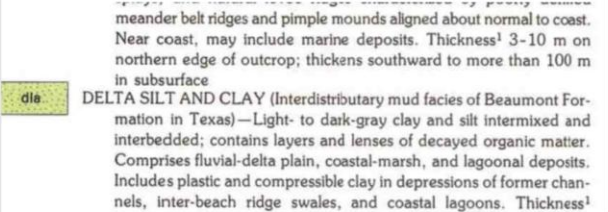
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Delta sand, silt, clay

Near Pasadena, TX

Eugenia Rolater



1

1

0



Z

Near Anza-Borrego Desert State Park, CA

James Higbee



Feed

All

Nearby

Mine

Unsynced



Residential Rockery Retaining W...

Near California Coastal National Monumen...

Chris Bonds



36

37

2



Amos P. Catlin Park, Mehrten Fo...

Near California Coastal National Monumen...

Chris Bonds



18

19

3



Grover Roadcut

Near California Coastal National Monumen...

Chris Bonds



Feed

All

Nearby

Mine

Unsynced



Chagan Nuclear Test

Near Semey, East Kazakhstan, Kazakhstan

Chris Bonds



5

6

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Zanja Madre - The Mother Ditch ...

Near Los Angeles, CA

Chris Bonds



2

3

1



Los Angeles Reservoir, 1860

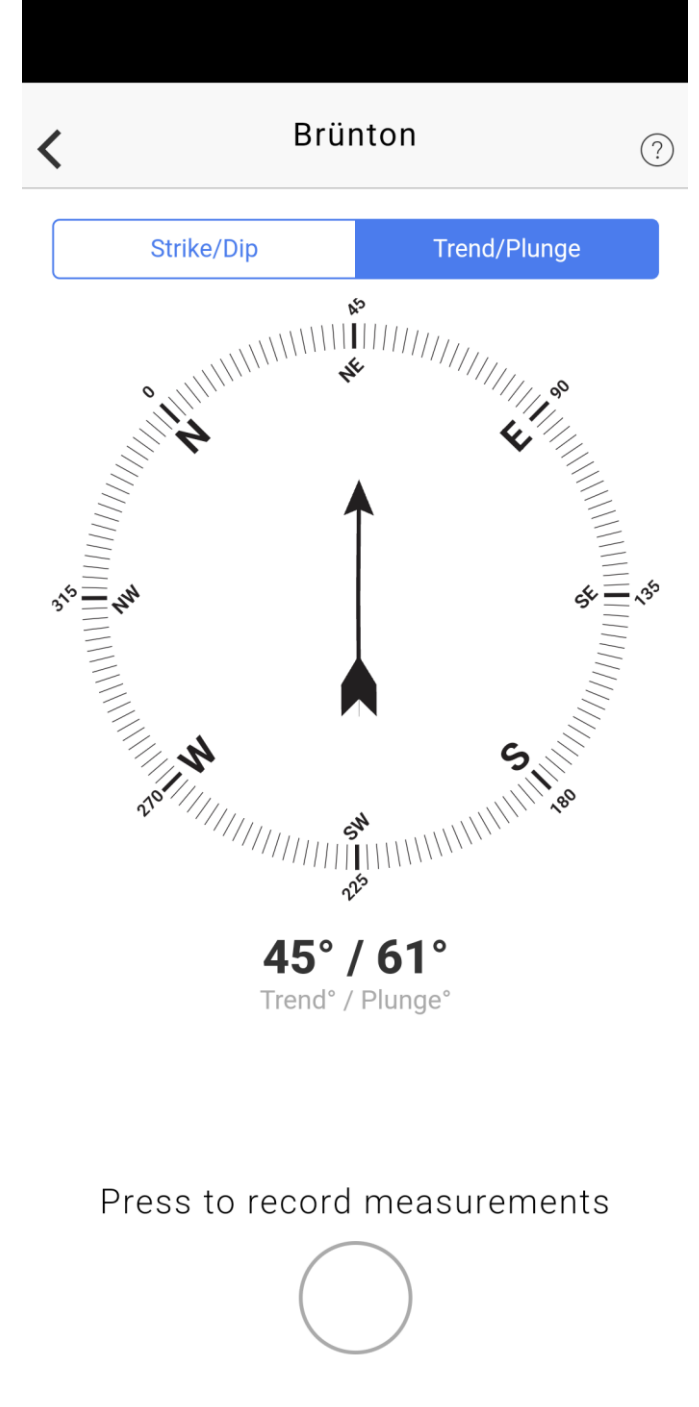
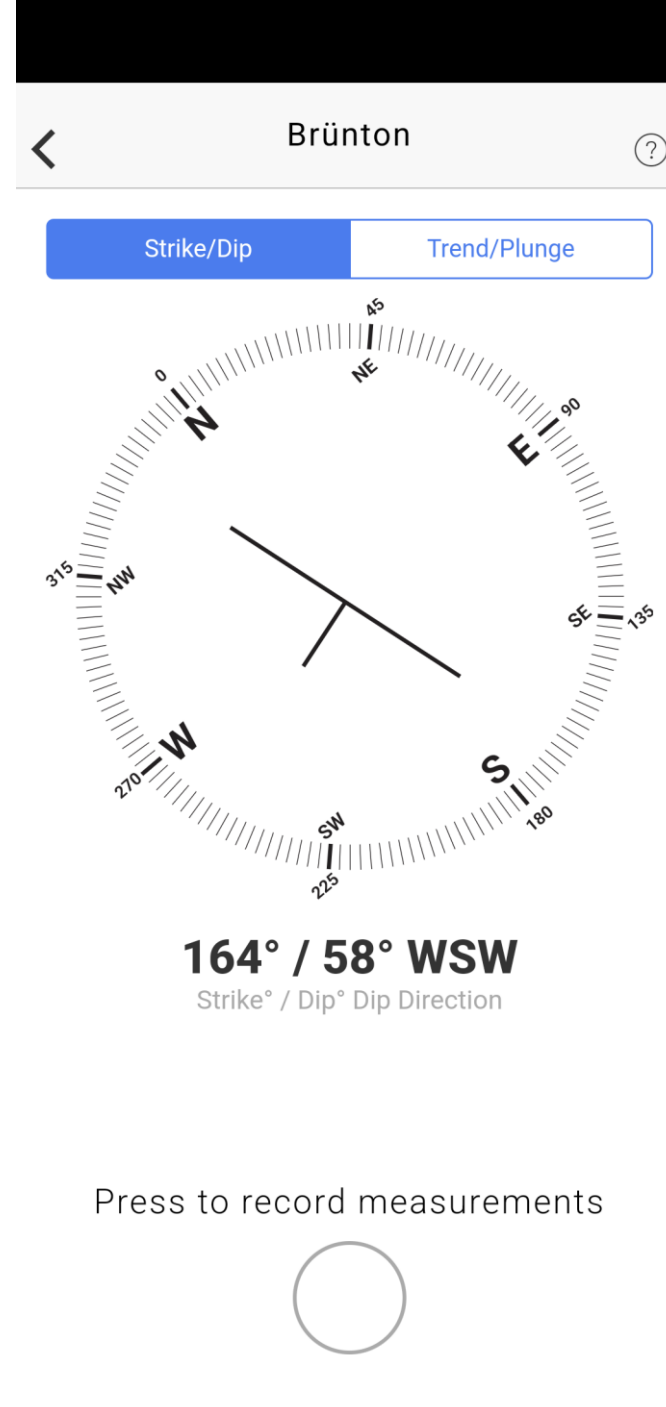
Near Los Angeles, CA

Chris Bonds



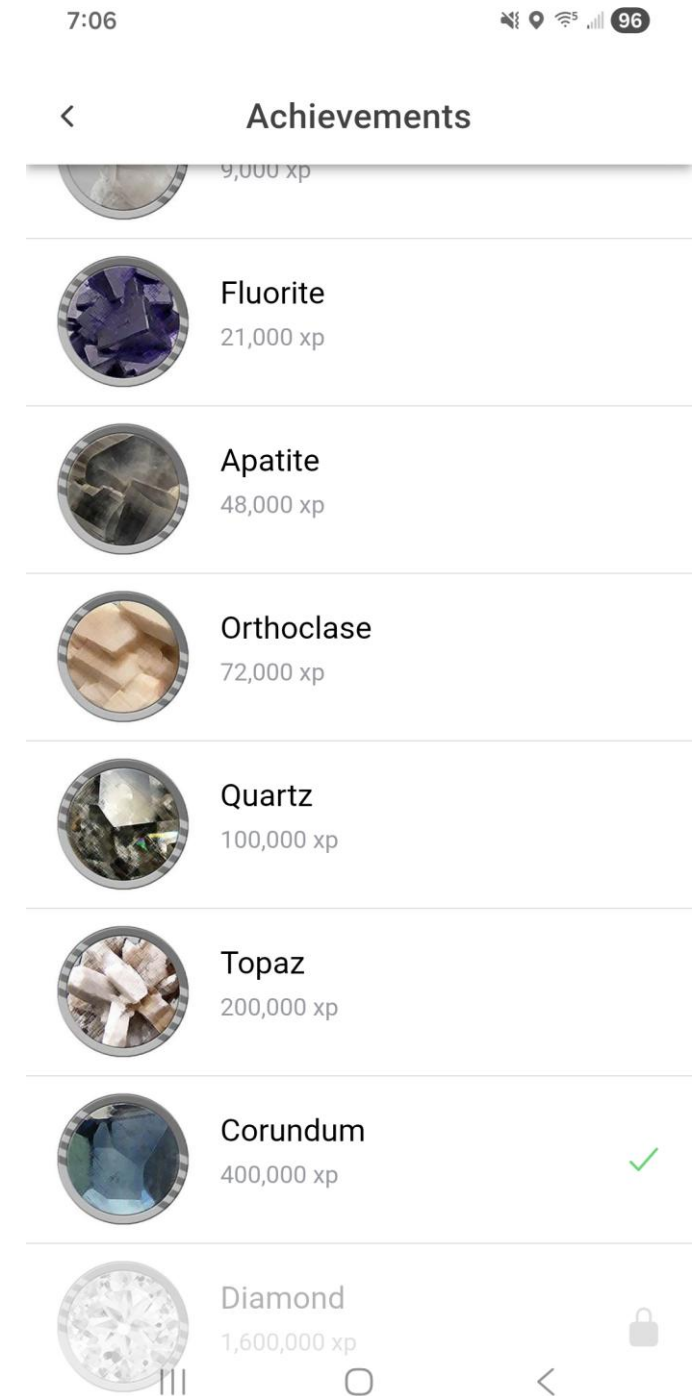
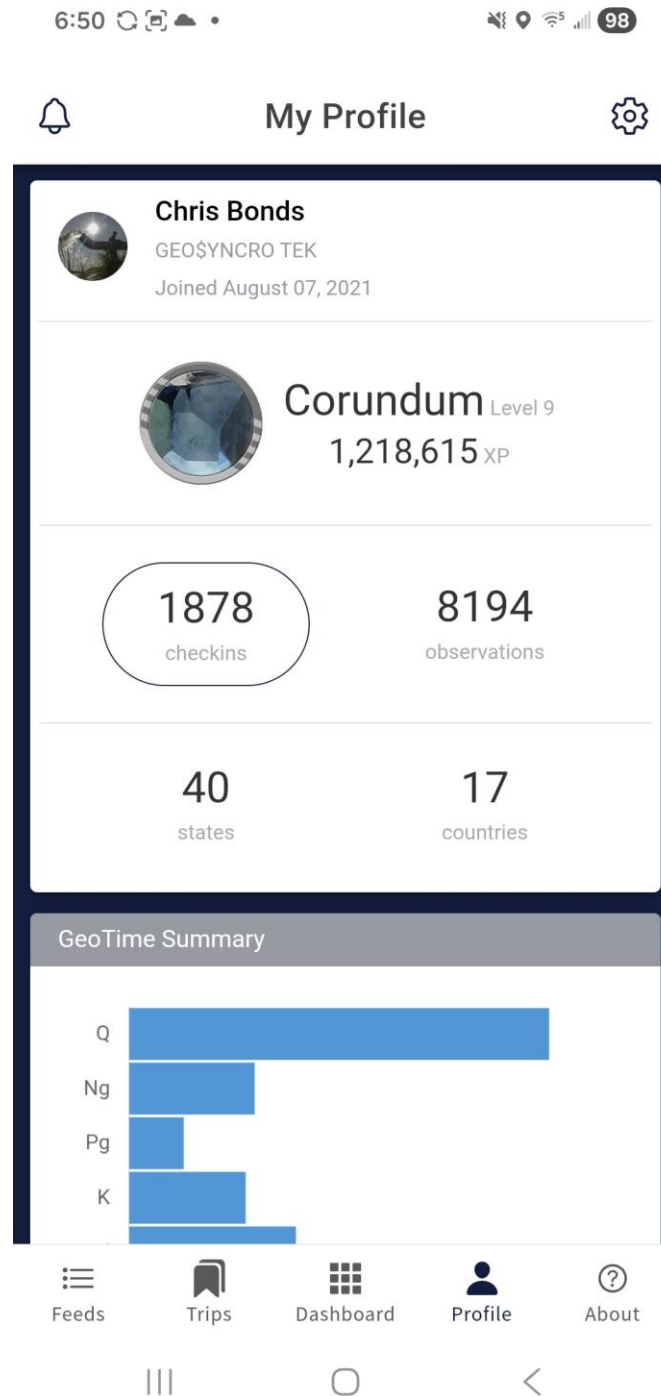
Brunton Compass

- ROCKD uses your device's gyroscope and magnetometer to take strike/dip and plunge/trend measurements in the field



Track Your Achievements

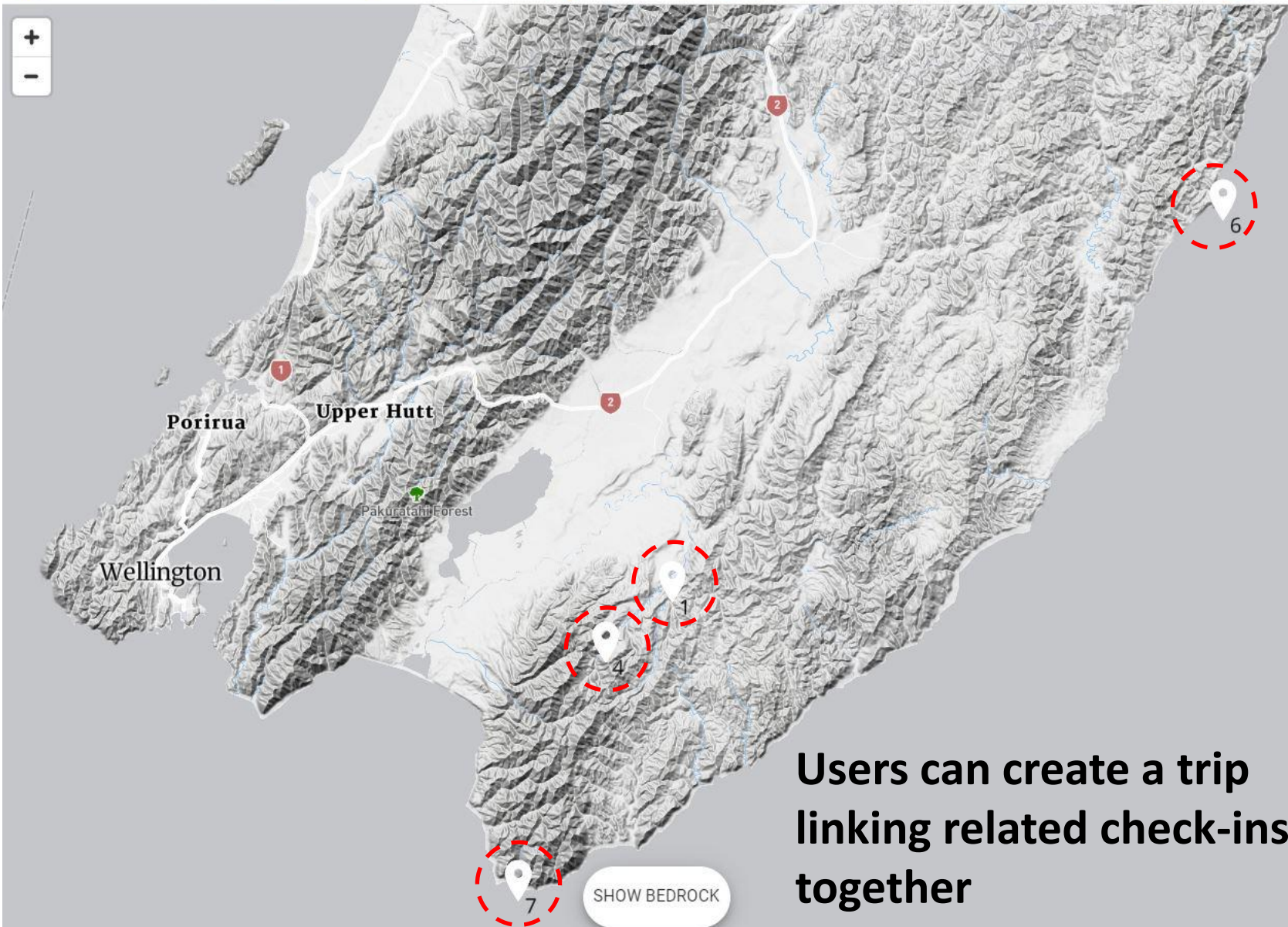
- Gain ROCKD experience points (XP) by making check-ins and adding data to observations
- Everything you add increases your XP and helps move you up the Moh's hardness scale



Trips

rockd.org/trip/177

Yahoo DWR Blue GSA Google Maps Folsom Weather AirNow Interactive... Amazon Anthem BC Chase Safeway State Farm tMobile Imported From IE



Users can create a trip linking related check-ins together



Shanan Peters

Edited February 06, 2020

Top of the prism GeoTour

James Crampton, Victoria Univ, leads a great trip

DOWNLOAD KMZ

1. Banana Bridge

Puckenui



Late Pliocene limestone (Onoke Group and Eketahuna Group)
Masterton, Wellington, New Zealand
Shanan Peters



2. Mankara River 3

Limestone B-C interbed

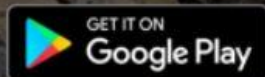


Late Pliocene limestone (Onoke Group and Eketahuna Group)...

A Mobile Application for Geologists & Enthusiasts

ROCKID

Learn, explore, and document your geologic world



Explore the data

Want to Learn More?

Visit my Poster Session tomorrow evening

April 21, 2026

