

# WEBELOS GEOLOGY

BLACK DIAMOND MINES REGIONAL PRESERVE



## What is the program?

This program is intended to help Webelos earn their geology pins in an ideal setting—an area that was the largest coalfield in California and a source of silica sand for making glass. During the program, participants will have unique views of the area's geology—both on the surface and underground!

Five of the requirements for the pin are covered:

- ◆ *geologic specimens*
- ◆ *geologic materials used in houses*
- ◆ *mountain formation*
- ◆ *fossils*
- ◆ *field trip to a geologic site*



Nick Cavagnaro

## What will we do?

After meeting at the Hazel-Atlas Portal, we'll walk about 1000 feet into the Hazel-Atlas Mine. We'll look at rock and fossil samples, discuss uses of geologic materials and the mining techniques used to get them.

## How long does it take?

The program takes 1.5 hours. Please be sure to arrive at the Hazel-Atlas Portal at least 5 minutes before the program time. The walk from the parking lot takes about 5-10 minutes.

## How much does it cost?

\$5 per participant. On weekends and holidays, there is also a \$5 parking fee at the entrance kiosk. Payment by cash or check (made out to EBRPD) can be given to staff at the start of the program. Payment by cash, check, or credit card can also be made at the Greathouse Visitor Center.

## How many people can I bring?

We need a minimum of 10 people (including parents and siblings) and a maximum of 15. All participants must be over age 7. Wear comfortable shoes and bring a light jacket for underground temperatures around 58 degrees F.

## How do I get to Black Diamond?

From Highway 4 in Antioch, take the Somersville Road exit and head south into the hills. Somersville Road ends at the parking lot.

## How do I book a program?

Call Bob Kanagaki at 510-544-2751 or email [rkanagaki@ebparks.org](mailto:rkanagaki@ebparks.org). Bookings are limited by staff availability. This program cannot be reserved through the EBRPD Reservations Department.

**BLACK DIAMOND MINES  
REGIONAL PRESERVE**  
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East Bay   
Regional Park District