



EBMUD WATERSHED.
Hiking permit required except when hiking on Skyline Trail/Bay Area Ridge Trail. Call (510) 287-0459.

DOGS AND HORSES ARE NOT PERMITTED IN HUCKLEBERRY except passing through on the Skyline National Trail. **DOGS MUST BE UNDER VOICE CONTROL AT ALL TIMES. HORSES MUST STAY ON THE SKYLINE TRAIL.**

AREA IN YELLOW SUBJECT TO CLOSURE
See www.ebparks.org/sibley for status.

BICYCLES ARE NOT PERMITTED IN HUCKLEBERRY REGIONAL BOTANIC PRESERVE.

DOGS ARE NOT PERMITTED in this section of parkland.

SIBLEY VOLCANIC REGIONAL PRESERVE

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HUCKLEBERRY BOTANIC REGIONAL PRESERVE
Separate map available.

FISH RANCH ROAD
.29 miles to Fish Ranch Road.
1.75 miles to Tilden Reg. Park

Old Tunnel Road Staging Area
6 parking spots

Self-guided tour begins here. See descriptions below.

Sibley Back pack Camp

Private Property EBMUD
Round Top 1,763

Wilcox Station Staging Area
10 parking spots

Best access to the staging area is from Canyon Road in Moraga, then turn right on Pinehurst Road.

DOGS MUST BE ON LEASH from park boundary to Sibley staging area on Skyline Bl.

GRIZZLY PEAK OPEN SPACE

Year opened: 1936 **Acres: 928**
Highlights: Hiking, biking, horseback riding, self-guided interpretive tour, backpack camp, panoramic views.
Did you know? This parkland was opened as Round Top in 1936 with the formation of the Park District. It was renamed in 1972 to honor Robert W. Sibley, a Park District founder and director.

Lava from the vent has been dated as old as 10.2 million years. Round Top's basaltic dikes (feeders of the vents), tuff-breccias (ash containing a jumble of blocks and chunks of lava), lava flows, red-baked cinder piles, air-fall tuffs, and the major vent itself can all be seen in an easy hike. The numbered descriptions below correspond to stops along the trail.

- 1** Walk up the paved road to the EBMUD water tank to see a dark basalt dike, a feeder of lava to the crater, that cuts through a sequence of tuff-breccias (grayish brown) and pebbly mudstones (light gray), inside and near the crater bottom.
- 2** This pit was made by quarry operations in which massive basalt lava was removed. The pit exposes the interior of the Round Top volcano. You are standing on bedded tuff-breccias, which filled much of the crater, settling at times into a small lake. The steep wall across the pit consists of lava that capped the crater after it was filled. Eventually the Round Top vent buried itself in basalt flows.
- 3** This roadcut exposes Orinda Formation river gravels, sands, and mudstones. The red (when moist) streaks and layers in these river beds were

Sibley Staging Area
38 parking spots

Huckleberry Staging Area
14 parking spots

caused by oxidation of iron in the sediments. Such varicolored "redbeds" sometimes contain fossils of plants and animals. Elsewhere in the Preserve, bands of more intense red are found at the tops and bottoms of lava flows, where iron was oxidized and reddened by baking and steam action; these bands are called "bake zones."

4 Before you is a wall with basalt on the left and Orinda mudstones on the right. The bedding in the mudstones gives the appearance of drag-folding resulting from relative uplift of the lava occurring during the past 10 million years. Alternatively, the disruption of the mudstones may have occurred earlier, at the time of volcanic activity. This site was close to, or was in, the wall of the volcano, and would have been subject to slumping, sliding, and plowing.

Continued on reverse

A SELF-GUIDED TOUR OF ROUND TOP VOLCANOES

By Stephen W. Edwards
Former Director, Regional Parks Botanic Garden

This Preserve features a complex volcanic center that was the source, 10 million years ago, of most of the lavas that underlie the ridges from Inspiration Point in Tilden Regional Park to Moraga. Round Top stands out today because it was originally surrounded by sedimentary rocks of the Orinda Formation, which have eroded away. Over the years, folding and erosion have exposed a cross section of a volcano.

LEGEND

- Hikers, Horses & Bicycles
- - - Hikers & Horses
- ▲ Symbol denotes Skyline Trail/ Bay Area Ridge Trail
- Hikers Only
- ← .28 → Mileage Between Points
- Paved Road
- P** Parking
- RR** Restrooms
- VC** Visitor Center
- W** Drinking Water
- ?** Information
- ▲** Backpack Camp
- I** Self-Guided Tour Stops
- | Gate, No Vehicle Access

Rev. 1/17

0 1/8 1/4 3/8 Mile

Contour Interval 10 feet

North ↑