



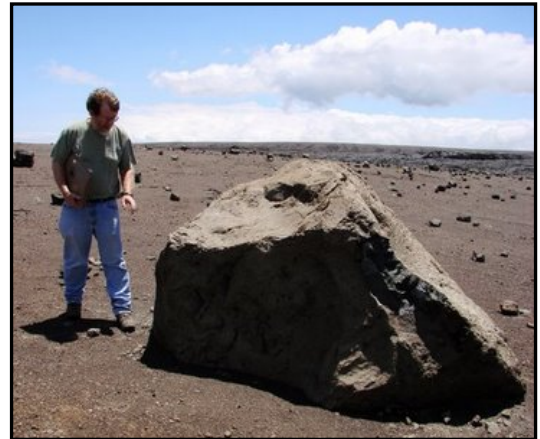
Kīlauea's Explosive Eruptions: Past, Present, and Future

A hands-on study of explosive deposits,
in the laboratory and out in the field

Saturday, August 9th, 2008
8 am – 1:30 pm

Join the ***Friends of Hawai'i Volcanoes National Park*** for our 6th annual Kīlauea Seminar and Kīlauea Lodge Luncheon, featuring wine from the Volcano Winery and fresh island cuisine.

Don Swanson, HVO geologist and story-teller, will present on the explosive activity of our famous volcano. He will lead us in hands-on opportunities examining rock and ash debris from the past and present.



The short morning lecture will introduce explosive eruptions, explaining why they are important geologic and cultural elements in Kīlauea's history. Afterwards we will look at deposits from a surprising variety of explosive activity that took place between AD 1500 and 1800 making Kīlauea the most deadly volcano in the U.S. Learn how geologists recognize the different eruptions, then compare debris. We will go into the HVO laboratory where explosive deposits are dissected, learning several techniques used for study, including sieving, grain counting, and microscopic examination. Among the deposits examined will be those erupted from Halema'uma'u in March and April 2008, as well as the ash that has been coming out since.

After the field portion of the seminar, the group reconvenes at Volcano's famed Kilauea Lodge, where our seminar leader will join us for lunch and continuing informal discussion of the morning's expedition.

Cost: \$55 for Friends members, \$65 for non-members, a portion is tax deductible



Reservations are required; there is a 30 person limit.
Call the Friends office at **985-7373** or email **ainahou2@aol.com**
Your reservation is confirmed once we receive your check.