

Time activity



I.

Geologic map (Mojave River from Earthrise - House of Heaven)

A. Map fault and joint orientations (collect data for fracture density and orientation study)

1) Consider post Oligocene structures

2) Consider Paleozoic structures + effects

B. Map subsurface + surface orientations

1) sample for rock side + trace elements

(run on cuttings)

2) map the section in which

coarser + permeable alluvial + vit. lenses in the pits (1500')

3) map alluvial, also scarp

and other features

(run for trace elements)

1-2 hrs

see notes on sampling

II.

Date alteration and lithology

A. alteration, The tuffs and intermediate volcanics exposed on scarp front (1-1.5 mi. long)

B. alteration, The middle, other intermediate tuffs, and diatomite in GWA and other sites

III.

Determine alteration mineralogy and zonation (including zonation and hydrothermal features)

A. field mapping of alteration + surface sampling

B. laboratory work

IV

Fluid inclusion study of hydrothermal environment

lab time?

- A. sample SiO_2 + carbonate in cuttings
- B " " " " " " " " surface

V

Soil Surveys

lab time 7 days
318 samples

- A. Hg & other trace elements
- 1. Maj. Pil. + subsidiary faults
- 2. NW + NE trending normal faults under extension
- B. Radon cap survey over buried normal faults

VI

Water samples - geothermally from geyser wells, hot springs, & cold springs (20 samples)

lab time 1-2 days

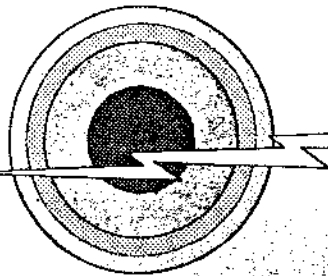
VII

Grain's section to fill in Winnemucca about data

- A. Humboldt R. valley N. of Reno
River crossing
- B. Humboldt R. valley at Browns
Sta. 5 mi
- C. Whitehead V. --- fill in Lake
valley. 5 mi

VIII

Geology of ... (text is very faint and partially cut off)



GEOHERMAL RESOURCES COUNCIL

(916) 758-2360 • P.O. Box 98 • Davis, California 95616

August 1, 1979

DAVID N. ANDERSON
Executive Director

BEVERLY A. HALL
Assistant Executive Director

Christian Smith
Earth Science Laboratory, UURI
420 Chipeta Way, Suite 120
Salt Lake City, UT 84108

RE: Your submitted paper, "STRUCTURAL INFERENCES FROM GEOLOGIC AND GEOPHYSICAL DATA AT THE BEOWAVE KGRA, NORTH-CENTRAL NEVADA"

Dear Mr. Smith:

The Technical Program Committee for the Geothermal Resources Council's 1979 Annual Meeting has carefully reviewed the papers submitted. In the opinion of the committee, your paper is well suited for presentation at the Poster Session on Tuesday, September 25, from 2:00 to 5:00 p.m.

Enclosed please find a general article on "POSTER SESSIONS" which gives suggestions for an effective poster session presentation and a POSTER SESSION INFORMATION sheet which describes the specific set-up at the MGM Grand. At the bottom of this latter sheet is a form which should be returned to the Council office by 23 August 1979.

There will be approximately 50 poster sessions held during the afternoon. Each speaker is assigned to a specific poster-booth area; yours will be No. P-3. Please note that you are asked to be present in your area for a minimum of a one-hour period during the afternoon, as indicated on the form. The times that you will be present will be printed in the Final Program as well as posted in the assigned booth area so that the meeting attendees can be sure of hearing your presentation.

The paper submitted by you will be printed in the Transactions volume that will be distributed to participants at the meeting, unless you specifically requested that we do not do so on the Author's Submittal form which accompanied your paper.

Thank you for your contribution to the 1979 Annual Meeting technical program. If you have any questions concerning your poster session, please don't hesitate to call or write.

Sincerely yours,

Beverly A. Hall
Meeting Coordinator
for

Robert O. Fournier, U.S. Geological Survey
Gary W. Crosby, Phillips Petroleum Co.
Annual Meeting Technical Program Co-Chairmen

Bob Greider, *President*

C. W. Berge, *Vice President*

John Lund *Vice President*

Ronald C. Barr, *Vice President*

Leo Parchman, *Vice President*

Phil LaMori, *Secretary-Treasurer*