

OFFICE MEMORANDUM

TO : W. R. Hansen, H-8

DATE: Oct. 3, 1977

FROM : Margaret Anne Rogers, H-8

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SUBJECT : ACTIVITIES FOR SEPTEMBER 1977

SYMBOL : H-8

1378 Report
Field work involved the following areas: Area F vicinity, TA-33 (Area D and Area E), TA-21 (Areas A, B, T, U, and V), Water Canyon, Los Alamos Canyon (Omega Site vicinity), S-Site, vicinity west of the Pajarito Fault Zone near S-Site, Kappa Site (Pajarito, Potrillo, and Fence Canyons), and Cañon de Valle.

A site for a measured section was identified in Los Alamos Canyon and work was begun. This section can be considered to represent the "typical" stratigraphy for Areas A, B, T, U, and V. Tentative sites for sections were identified for Area E and for Area D. A section site for Area F was looked for but not identified.

A joint study was completed near Areas A, T, and U in DP Canyon.

Analytical chemistry reports were received on ten rock samples. Three samples were white fracture fillings taken from various localities on the Pajarito Plateau. These are definitely identified as caliche. The other samples (also from several sites on the plateau) were of red, maroon, and yellow discolorations in the tuff. The determination of the mineralogy based upon the analytical results is in progress.

Work was begun on Appendix H of "History and Environmental Setting of LASL Near-Surface Land Disposal Facilities for Radioactive Wastes (Area A, B, C, D, E, F, G, and T): A Source Document." Appendix H gives the contents of Area C shafts. The work involves checking the accuracy of a previously compiled listing.

The additional excavation in the bottom of Pit 18, Area G was photographed. A previous photographic order of monitoring activities and geology of the Pajarito Plateau and Jemez Mts. was received. Most of the order was returned for color correction of printing.

Roads were located on the new Engineering Department topographic sheets of DOE property.

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