



LOS ALAMOS SCIENTIFIC LABORATORY
 UNIVERSITY OF CALIFORNIA
 LOS ALAMOS, NEW MEXICO 87545
 Telephone Ext:

OFFICE MEMORANDUM

DATE: September 7, 1979

TO : File

FROM : Margaret Anne Rogers, LS-6

MAR

SUBJECT : ACTIVITIES FOR AUGUST 1979

SYMBOL : LS6-79-7

MAIL STOP 495

1388 Report
 Eight percent of my time was spent on the update of LAMS-6848-MS, 4% was spent on the trace element study, and 86% was spent on the geologic map. The equivalent of 3% of my time was put in above regular working hours.

For the past two months I have been trying to put together an informal report on the monitoring activities at the waste disposal areas since 1973. I still have not received information from Al Zerwekh, CMB-1 attached to H-7.

Most of my time was spent in the field solving stratigraphic problems in the upper units of the Tshirege Member. There are still some problems with lateral equivalents in Units 5 and 6. The stratigraphic units which will be used on the map are:

NEW	OLD
Unit 1	Unit 1a
Unit 2	Unit 1b and Unit 2a
Unit 3	Unit 2b
Unit 4	Unit 3
Unit 5	Unit 4
Unit 6	Unit 5

I believe all of the new units have recognizable lithologies and/or depositional boundaries which are traceable across the area of the plateau in which any particular unit outcrops. The depositional boundaries between units are not the only ones present. For example, in Unit 5 there is evidence of at least 4 separate ash flows; but the 4 are similar in lithology. Their lithology is different from the rocks above and below and separated from those rocks (above and below) by depositional boundaries.

Old Units 1b and 2a are combined in new Unit 2 because the lower boundary of Unit 1b and the upper boundary of Unit 2a are traceable throughout the plateau



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and because as one moves toward the mountain front Unit 1b can no longer be distinguished from Unit 2a.

MAR:tj

cc: G. Wewerka
J. Steger
W. Abeelee
V. Christie
B. Burton
M. Wheeler