

E7.3-11000  
CR-13378/

Application of Skylab Multispectral  
Photography and Scanner Images to Geological  
Investigation of the Basin-and-Range-Colorado  
Plateau Boundary in North Central and Central Arizona

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Principal Investigator

Progress Report 1 June-30 July 1973

31 August 1973

Overall Status

The Red Lake test site was occupied on 3 June during the SL-2 overpass. Some 30 spectra of the central portion of the playa were taken. Unfortunately, S-191 was not aimed at our site during the overpass. However, this data will be valuable in interpreting the S-190A and S-192 data. During the reporting period the PI was on an extended leave. No SL-2 photography was received.

Recommendations

None at this time.

Expected Accomplishments

With receipt of SL-2 images preliminary data reduction will begin. Since the track for SL-2 was 60 miles to the west of the planned track, detailed comparison with our previously acquired ground truth will not be possible. Initially a compilation of the known geologic units in the frame containing Red Lake will be made. Decisions about further processing will be made at that time.

Significant Results

None to report.

Summary

See expected accomplishments.

Travel Summary

One trip by JPL vehicle was made to the Red Lake test site.

Marked for Contract NAS 9-13394

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MULTISPECTRAL PHOTOGRAPHY AND SCANNER  
IMAGES TO GEOLOGICAL INVESTIGATION OF THE  
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