

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

MACKAY SCHOOL OF MINES
UNIVERSITY OF NEVADA
RENO, NEVADA

EREP
monthly

E7.3 10561
CR-131860

Progress Report

from

April 1, 1973 to April 30, 1973

Contract NAS 9-13274

(E73-10561) [SPECTRAL REFLECTANCE MEASUREMENTS OF PLAYA LAKES] Progress Report, 1-30 Apr. 1973 (Nevada Univ.) 2 p HC \$3.00	CSSL 08H	N73-23433 Unclas 00561
--	----------	------------------------------

by

Principal Investigator: Jack Quade

Prepared for the

National Aeronautics and Space Administration

Field Work: Field operations were started along the RB-57 and skylab flight tracks. Reflectance measurements are being taken on the larger homogeneous rock units above the playas and below the snowline. The current snow levels begin at 8500 ft. on all the ranges within the test site. Increasing temperatures are melting the snows quickly but some of the higher peaks (11,500⁺) will have snow through May. As a result many of the playas which are a prime target are filled with water, making spectral measurements impossible.

However, it is anticipated that a constant field effort will be maintained from now until all of the reflectance measurements are complete.

A plan to join with Dr. Goetz of JPL to field test and compare spectral data will be implemented sometime in early May at Red Lake Arizona.

Laboratory: Reflectance data and field samples will be returned to the laboratory for processing and as soon thereafter as possible, the results will be sent to the aircraft and skylab offices.

Summary: On April 30th a plan to fly the Great Basin test site with the RB-57 had to be cancelled due to snow conditions and excessive moisture.