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INSTITUTO GEOFISICO DEL PERU

OBSERVATORIO DE ANCON
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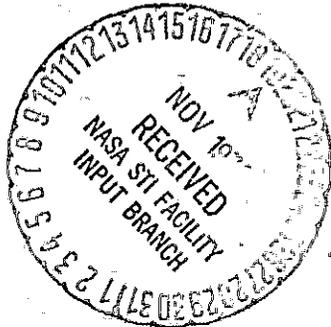TELEFONO ANCON, 81
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PROGRESS REPORT - 1975

APPLICATION OF REMOTE SENSING TECHNIQUES

FOR THE STUDY AND EVALUATION OF

NATURAL RESOURSES   IN PERU

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INTRODUCTION

The period convered during this year was dominated by two main occurrences: a) Project PERCEP seemed to enter in its final stage and prospects are good for a start in January 1976. Through this project, under the auspices of the Canadian Agency for Inter national Development, our Remote Sensing Program in Perú, will re ceive the necessary injection of resources.- b) A visit to EROS - Data Center produced the expected results and Data from LANDSAT I and II started to flow. IGP and ONERN started making plans for the study of areas of prioritary interest in the Northern Jungle, the region of Cajamarca and the region of Bayovar.

1.- PROJECT "PERCEP"

Through this project a number of peruvian specialists will be trained and Remote Sensing Equipment will be acquired for the Peruvian Remote Sensing Program, This will permit to accomplish all the proposed goals.

In its first phase LANDSAT Imagery will be the source of imformation and during the second phase airborne remote sensors - will be used.

Peruvian officials from IGP and ONERN traveled to Ottawa for the last round of deliberations.

PERCEP was considered to start in January 1976 with the flight

of a plane from the Canadian Center for Remote Sensing over Bayo-
var, port of the Western end of the Peruvian Pipeline.

2.- LANDSAT IMAGERY

Dr. José Pomalaza visited EROS Data Center on November, in
its way back from Canada and through direct contact with Mr. Leo-
Braconnier it was possible to start the flow of information deter
mined by the present Contract No. 28180.

3.- EXPERIMENTS

In this stage of planning three areas were considered:

-Northern Jungle Areas - Marañon River,

   This region is important since the oil pipelie runs ap-
   proximately parallel to Marañon River.

-Cajamarca for their Agricultural resources and pastures
   is considered priority for the National Institute of
   Planning.

-Bayovar is the port for the pipeline and is an important
   area for phosphate mining. A Canadian Plane equipped with
   remote sensors was programmed to fly during January and ob
   tained multiespectral data that would be correlated with
   Satellite Imagery.

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