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SKYLAB

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- B. Number of investigation: #357
- C. Period covered: Monthly progress report for December, 1973
- D. Contract number: 9-13274
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INVESTIGATION Monthly Progress Report,
Dec. 1973 (Nevada Univ.) 2 p HC \$3.00

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Unclas

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I. Overall Status:

1. The last half of December was spent on annual leave which worked out to the projects advantage since no SL-3 data arrived during this period.
2. Work on the third and fourth generation color enlargements from S-190A, SL-2 data, produced very poor results. We did not receive the 70 mm color strips from SL-2, but I strongly suspect that they are of better quality (resolution) than the 4X enlargements we now have. The resolution and contrast of the black and white 70 mm strips from the same overflight were good quality, particularly the pan X with the 25 red filter. The 4 X enlargements however of this same strip is very poor for reasons I can't explain. We are continuing our efforts with the scale changes but we are going to stop work on all color reproductions until all of the color products are delivered from SL-2 and SL-3.
3. Mr. Ed Leibhart of aircraft operations is having the color ektachrome #2445 film from mission 249, redone. He reported the original negatives should have produced much better quality imagery than that which we received.
4. All of the existing geology along the proposed flight tracks has now been reproduced on mylar at 1:250,000 scale.

J. Expected accomplishments for the next reporting period.

1. As the S-190A and S-190B imagery becomes available our principal efforts will be directed at changing the scales and reproducing the proper color balance.
2. We plan to make black and white negatives from both of the 70 mm film strips of the pan X using the 57 filter and the pan X using a 25 filter. From these we will attempt 12 X enlargement to 1:250,000.