

CURATORIAL
NEWSLETTER

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No. 2



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Successful Sixth: From our point of view, the Sixth Lunar Science Conference appeared to be an outstanding success. All participants are congratulated for their contribution to the success of the Conference.

Sample Requests: We anticipate that many PIs will want to update their sample requests, based on what they learned at the Conference. We urge that you submit requests before May 10, for their review at the next meeting of the Lunar Sample Analysis Planning Team. The work load in the Curatorial Facility is now quite low and we are able to work with samples from all missions. We have found that a rapid review of sample requests is possible when requests are precisely formulated, showing the rationale for the request and demonstrating that previous work has been considered. On request, we will provide information on the past allocation and current distribution of samples. We can also help you in formulating your sample request, so call if you have questions.

Drive Tube 60009: Just before the Conference we opened core 60009. It shows some spectacular stratigraphy and poses some interesting problems. A preliminary report has been distributed and requests for samples are being solicited. As usual, sample requests should contain a suitable justification. We encourage PIs to get together to formulate collaborative or cooperative research on the cores.

Drill Stem 70009: The section at the top of the Apollo 17 deep drill string has been opened and will be dissected according to standard procedures. A preliminary report will be circulated in about 3 weeks.

Consortia: Operations of several consortia have demonstrated the potential power of the approach. We have reconsidered the guidelines for initiating and terminating consortium efforts, which have traditionally carried guarantees of special treatment, and will be circulating a new set of guidelines in the near future. The intent is to encourage consortium efforts, where there are special problems or samples that require coordinated interdisciplinary study. A list of active consortium studies will be included in a future newsletter.

Thin Section Educational Package: The program of providing a suite of sections for use in petrographically oriented, university-level courses is off to a running start. Ten sets were prepared; all have been committed at least once and the backlog of requests is growing. Information may be obtained from John Harris.

Lunar Sample Data Base: We have continued to compile the Lunar Sample Data Base which consists of (1) a bibliography and author index that contains over 5000 papers and is current through Lunar Science VI, and (2) a table of chemical, age, isotopic, and modal analyses of bulk samples and identifiable lithic clasts. The data is available in several forms:

1. Microfilm. One roll of 16 mm microfilm contains the bibliography, author index, and the chemical table output in two forms.

2. Magnetic tape. IBM style magnetic tape. 7 track, 800 bpi.

a. Version 1.-binary data. You must be able to understand UNIVAC FIELD DATA.

b. Version 2.-BCD data. You must be able to understand BCD, even parity.

3. Printouts. We will supply printouts in response to specific questions. You may ask about sample numbers, elements, or other indexed parameters. We will not supply printouts of the complete data base since that requires too much paper. The bibliography alone runs about 700 pages. However, you can make your own printouts by borrowing a magnetic tape.

To request data, contact Jeff Warner, Code TN7, NASA-JSC, Houston, Texas 77058, 713-483-2781.

Sample Requests: The next cut-off date for receiving sample requests for immediate review is May 10.