

CURATORIAL
NEWSLETTER

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Lunar Sample Curator

Curatorial Newsletter: It is our intention to produce a curatorial newsletter at intervals of 6-8 weeks, on a format similar to this one. The purpose of the newsletter will be to inform PIs about activities within the curatorial facility, sample allocation and distribution schedules and to provide information of general interest to the PIs. The newsletter will be issued approximately 2 weeks following each meeting of the Lunar Sample Analysis Planning Team (LSAPT) and will announce the deadline for receipt of sample requests, prior to the following LSAPT meeting.

Sample Allocation and Distribution: Our intention will be to minimize the response time to sample requests. We will review all requests received before the stated deadline at the next LSAPT meeting (the deadline will normally be 7 days prior to the meeting, to allow us to prepare background material for LSAPT). Allocations of samples will be announced 2-3 weeks following the conclusion of the LSAPT meeting and many samples should be distributed within the first month. For samples which require special preparation, a schedule for that preparation should be sent within the first month, following each meeting. We will update the schedule for sample distribution in each newsletter. Our objective will be to reduce the time from request to sample distribution to 3 months or less.

Core Sample Progress: We hope to extrude the first large diameter drive tube this month. You are invited to peruse the display at the Lunar Science Conference to get an idea of the hardware and procedural complexities of this operation. The first drive tube opened will be 60009, the bottom section of a double drive tube, to be followed by 60010, the top section.

Surface Samplers: The sampling pads of the Apollo 16 surface samplers were removed from their boxes in mid-December and are currently stored in a sealed container with a transparent lid, which will allow microscopic observation of the sampler. Colin Pillinger has prepared a paper for the Lunar Science Conference to describe the pads, which contain only a small amount of material, but material collected from the upper few hundred microns of the lunar surface. PIs who want more information on the material should contact the Curator. It will be possible to schedule time for visitors to examine the samplers in their storage containers, for those who expect to propose studies. A small amount of sample, currently of unknown weight (less than 100 mg), was loose in the bottom of the sampler enclosure. This material also comes from the uppermost lunar surface, but no documentation of its orientation is possible.

Consortium Guidelines: LSAPT has been reviewing the concept of consortia and will recommend some general guidelines for future consortium operations. If you have any special ideas that you feel we should know about in regard to consortium operations, do not hesitate to write to the Curator.

PI Management: All contracts, grants and agreements with domestic PIs were negotiated (i.e., notified of budget level, work statement modifications) with the institutions prior to February 1. This is the first time in several years that the work has been accomplished on time and reflects a great deal of effort on the part of the JSC Procurement Branch. Due to budgetary problems that arose during the review stage, the final program approval by the Associate Administrator was delayed by about 6 weeks, giving the procurement people only half the planned time to accomplish their task.

Thin Section Educational Package: Sets of 12 thin sections representing the range of lunar rock and soil samples have been prepared for use in undergraduate and graduate level courses in Earth and Planetary Sciences and Geology/Petrology. Jeff Warner has written an excellent descriptive manual which is both a guide to the sections and a summary of lunar science, from which a series of lecture and laboratory sessions can be derived easily. For information on how to obtain the use of one of these sets for instructional purposes, write to John Harris, in the Curator's Office.

Sample Requests: To be considered at the next meeting of LSAPT, sample requests must be received by the Curator before March 10, 1975. Please transmit requests with enough documentation that the rationale for the experiment and the sample selection can be understood without having to return to you for information.

OUTSTANDING ALLOCATIONS BY PI

(Prior to Allocation of February 1975)

Allegre: 61015(2)
ers: 15455(3); 15465(4); 67455(3); 15382;
15386; 67095(4); 67935; 67975(4); 76255(5);
76275(3)
Bell: 67975(3)
Bogard: 76255(5)
Carter, J.L.: 15418
Chang: 78155; 73215
Clayton: 14047
Eglinton: 15435
Ehmann: 60639
v. Engelhardt: 15465
Epstein: 74220; 77017
Geiss: 15459; 67935; 67975(2)
Gibson: 76255(5)
Hartung: 65315
Kin: 76255(2); 76275(3)
Hintenberger: 15298
Hubbard: 76275(3)
James: 67455
Keil: 62237; 65055; 78505; 78595
Kirsten: 64535; 64536(2) 65055; 65315
Lal: 15418(2); 15459; 15475; 65055(2)
Larson: 73218; 76055
Marti: 64435; 64455; 66095
Mizutani: 15418; 15465
Morrison, D.A.: 15418; 60035*; 62255*;
65035*; 65095*; 60002*
Nava: 61295; 62237; 64536(2); 65055; 67935;
67975(2)
Papike: 64455
Perkins: 15006(11)
Phinney: 64535; 64536(2); 67935; 76235;
76275(3)
Price: 67015; 67455
Ramdohr: 67455
Reed: 15400(15401); 15445; 15465; 63355;
15298
Rhodes: 70255; 78505; 76255(3)
Rose: 15298; 65055, 66075; 67975(2)
Runcorn: 15475
Schaeffer: 62237
Schmitt: 15105; 15116; 15118; 15125; 15308;
15359; 15362; 15370; 15385; 15388; 15607;
15620; 15633; 15643; 15647; 15663; 15665;
15666; 15672; 15676; 15682
Silver: 15400(15401); 15465; 76255
Smith: 67975
Strangway: 76255; 76275
Tatsumoto: 15418; 64536(2)
Taylor, S.R.: 66095
Tilton: 14321⁺(3)
Tsay: 15418; 66095
Turner: 15465; 15466; 76255; 76275(2)
Uhlmann: 67975
Walker: 15459; 61295; 62237; 66095; 76255;
63321; 63341; 79195; 79155
Warren: 15418; 15475
Wasson: 65055
Wexler: 12040

*Inspect at JSC only.

⁺RSPL.

The lists below summarize by PI and by sample number, the backlog of sample allocations that have not yet been prepared from allocations made before February 1975. If you believe that samples allocated to you, but not received, should be on this list, please notify the Curator. The majority of sample allocations on this list will be distributed prior to March 15, 1975.

OUTSTANDING ALLOCATIONS BY SAMPLE NUMBER

(Prior to Allocation of February 1975)

15006	60002*	65095*	70255	12040
15019	60035*	65315	76235	
15026	60639	66075	76255 (Phinney consortium)	14047
15298	61015	66095	76275 (Phinney consortium)	14321 ⁺
15382	61295	67015	76535	
15386	62237	67095	77017	
15418	62255*	67455	78155	
15435	63355	67935	78505	
15445	64435	67975	78517	
15459	64455		78595	
15465	64535	63321 ⁺	79155	
15466	64536	63341 ⁺	79195	
15475	65035*			
15105- 15682 (Walnuts)	65055			

*Inspection at JSC only.

⁺RSPL