

# LUNAR AND PLANETARY INSTITUTE

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## LPI Workshop on PRISTINE HIGHLANDS ROCKS AND THE EARLY HISTORY OF THE MOON

October 15-17, 1982, New Orleans, Louisiana

### FIRST ANNOUNCEMENT

The Lunar and Planetary Institute is sponsoring a workshop on Pristine Highlands Rocks and the Early History of the Moon, October 15-17, 1982. The workshop will be held at the Travelodge in New Orleans, Louisiana, and the dates have been chosen such that the workshop will immediately precede the Annual Meeting of the Geological Society of America.

Pristine rocks have been defined as those which have retained their original igneous chemistry, a characteristic generally believed to be evident in their lack of meteoritic contamination. Their textures are rarely igneous; they are breccias, with relict igneous textures decipherable in some cases. Their importance lies in their use for understanding the igneous processes operating during the differentiation and evolution of the Moon in its first few hundred million years of existence, and the products of those processes. This understanding is essential for extracting an ultimate result: the origin of the Moon.

Pristine rocks have been discussed partially in previous LPI workshops, but the concentrated multidisciplinary discussions needed to better understand and to evaluate potential research directions on these igneous rocks is long overdue. The workshop is designed to produce informed discussions among interested scientists of many disciplines. Related fields with directly useful information, such as mare basalt sources, and the pristine components deduced for soils and breccias, will be included. A steering committee has arranged an agenda, with keynote speakers, discussion leaders, and summarizers (enclosed). Each keynote "talk" will review the current state of the field and its problems and directions, and will be followed by a short discussion period. Short informal presentations (less than five minutes) during the main discussion sessions will be encouraged.

Abstracts will be prepared by keynote speakers (up to five pages, plus references) and by others wishing to contribute them (three pages, plus references). These will be distributed at the meeting, may be revised after it, and will be included in an LPI Technical Report of the workshop. Deadline for submission of abstracts is September 1, 1982, and for revision is November 15, 1982. Abstract forms will be mailed to those interested in July. The Technical Report will also include discussion summaries and suggested research directions.

Attendance will be by invitation and will be limited to about 60 persons. There will be a registration fee estimated to be about \$25. If you would like to participate in the workshop, please take the time to respond to this announcement by completing and mailing the attached questionnaire.

Conveners

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