

Policies and Procedures: Sampling at EARL

Updated June 2019

POLICIES:

The primary purpose of EARL is for research and examination of physical geological specimens such as rock core and well cuttings from Kentucky.

All activities at EARL will be conducted with the safety and security of employees and visitors in mind, and with attention given to the security and integrity of our library collection of solid samples and the facility itself.

Use of EARL facilities and access to the library collection is free of charge for appropriate events and activities, in return for copies of data and information associated with the event.

The University of Kentucky, including EARL and the surrounding area, is a tobacco-free campus.

PROCEDURES AND GUIDELINES:

EXAMINING CORE AND WELL CUTTINGS

The Library does not lend out cores or well samples. The examination of our holdings must be done in person or online.

Available core and well cuttings can be searched for on the KGS web site:

<https://kgs.uky.edu/kygeode/services/cslib/>. For further assistance with our online services please contact Doug Curl doug@uky.edu

After selecting material for further examination, please contact EARL staff by phone 859-389-8810 or email Ryan Pinkston at ryan.pinkston@uky.edu or Ray Daniel at rdaniel@uky.edu to setup an appointment.

Cores and cuttings will be pulled from the repository by EARL staff and placed in the core viewing room for examination.

Due to space limitations only two cores can be pulled at a time.

On occasion, visitors will be asked to assist with the restacking of their requested material on to pallets. They will be expected to follow current EARL procedures as instructed by facility staff.

REQUESTING SAMPLES FOR DESTRUCTIVE ANALYSIS

The sampling of cuttings and cores is permitted under the following KGS guidelines:

We will not sample beyond the EARL's ability to maintain a minimum archive sample. At this point, the archive sample will only be available for examination and non-destructive testing. Exceptions to this rule must be signed off by the Director of the Kentucky Geological Survey.

A copy of the defended thesis or final report for which the sample is required must be submitted to the EARL staff within 60 days of their completion.

All requested material not destroyed must be returned to the EARL, including thin sections, polished slabs, and plugs.

The returned material will be made public via the EARL and KGS physical and online resources. If requested, returned data sets and reports may be held for a one year confidentiality period.

SAMPLING REQUEST FORM

Upon arrival, visitors should submit a partially completed “Request to Sample Materials” form signed by two of the following:

- Department Chair
- Thesis Committee Chair
- Immediate supervisor
- Project manager
- Survey Director

Once the intervals for requested sampling have been picked, a completed “Request to Sample Materials” form should be submitted to EARL staff for review.

EARL staff will review the form and determine if a large enough sample of the core or well cuttings exists to accommodate the request. This determination is final.

The application is then submitted to the facility manager for final approval.

Sampling of the materials then occurs under the direct supervision of the Research Analyst. Samples are properly identified and labeled. At the conclusion of the sampling process the Research Analyst signs and dates the Request Form and the samples are sent out.

CONDITIONS

By signing the “Request to Sample Materials” form you are agree to the following conditions.

A bound copy of the defended thesis or final report with original photos of all thin sections, polished slabs, acetate peels, descriptions, testing, and geochemistry must be provided to EARL staff within 60 days of their completion.

All samples not destroyed (thin sections, polished slabs, plugs, etc.) must be returned to KGS.

In addition, a duplicate set of thin sections, if any thin sections are made for the study, must be made for KGS. All these materials must be returned to EARL in person or by mail:

Kentucky Geological Survey
Earth Analysis Research Library
2500 Research Park Dr.



Lexington, KY 40511-0879
Phone: (859) 389-8810

COMPLIANCE

If the data and material is not submitted to EARL staff within 60 days of the agreed upon date, the associated department/organization will be placed on probation and no additional samples can be requested until the contract obligations are met.