

## NGGDPP Final Technical Report – 2008/2009

**Name of State Geological Survey:** Kentucky Geological Survey

**Project Title:** National Catalog metadata submissions for Kentucky sites

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The proposed work plan for this project year included the submission of site-level metadata for 10 physical and derived collections of geologic materials and associated data. The strategy for implementing this project was 1) review validate existing databases pertaining to the collections or create new databases, 2) update the databases with any missing information, 3) develop computer programs to extract pertinent data from the databases and generate NGGDPP XML-based metadata files, and 4) submit the records to the NGGDPP database.

Of the 10 collections, all but one was completed. The limestone sample collection turned out to require extensive inventory and cataloging work, and therefore was deferred until the next project year.

The computer programs that generate the XML files were developed in the ASP computer language and are implemented as dynamic Web page functions. The Web page can be accessed at the following address:

<http://kgs.uky.edu/kgsweb/XMLGen/XMLGen.asp>

The following collections have been submitted to the catalog:

### Physical Samples

Core Holdings (P867)

### Indirect or Derived Data

Oil and Gas Wells (P865)  
Water Wells (P866)  
Springs (P874)  
Coal Thickness (P870)  
Coal Quality (P871)  
Geologic Images (P872)  
Outcrop Locations (P873)  
Coal Boreholes (P869)