Cataloging Kentucky Core Materials

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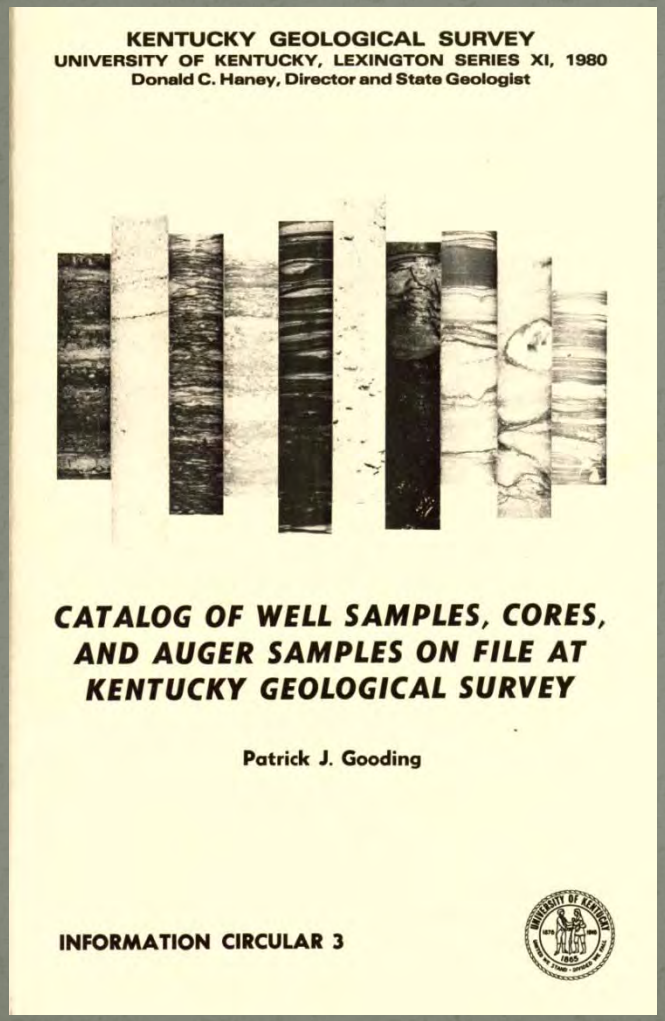
Kentucky Geological Survey

2009 Geoscience Data Preservation Techniques Workshop
Bloomington, IN July 14th and 15th, 2009

Cores

Samples

1980 Core and Sample Inventory

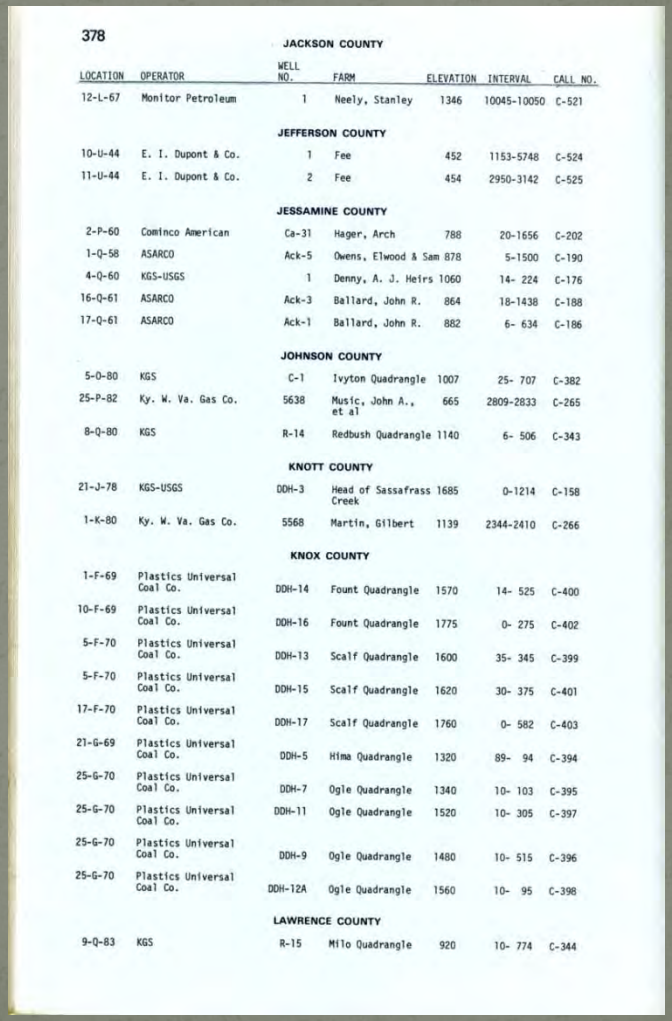


KENTUCKY GEOLOGICAL SURVEY
UNIVERSITY OF KENTUCKY, LEXINGTON SERIES XI, 1980
Donald C. Haney, Director and State Geologist

CATALOG OF WELL SAMPLES, CORES, AND AUGER SAMPLES ON FILE AT KENTUCKY GEOLOGICAL SURVEY

Patrick J. Gooding

INFORMATION CIRCULAR 3



378

LOCATION	OPERATOR	WELL NO.	FARM	ELEVATION	INTERVAL	CALL NO.
			JACKSON COUNTY			
12-L-67	Monitor Petroleum	1	Neely, Stanley	1346	10045-10050	C-521
			JEFFERSON COUNTY			
10-U-44	E. I. Dupont & Co.	1	Fee	452	1153-5748	C-524
11-U-44	E. I. Dupont & Co.	2	Fee	454	2950-3142	C-525
			JESSAMINE COUNTY			
2-P-60	Cominco American	Ca-31	Hager, Arch	788	20-1656	C-202
1-Q-58	ASARCO	Ack-5	Owens, Elwood & Sam	878	5-1500	C-190
4-Q-60	KGS-USGS	1	Denny, A. J. Heirs	1060	14- 224	C-176
16-Q-61	ASARCO	Ack-3	Ballard, John R.	864	18-1438	C-188
17-Q-61	ASARCO	Ack-1	Ballard, John R.	882	6- 634	C-186
			JOHNSON COUNTY			
5-O-80	KGS	C-1	Ivyton Quadrangle	1007	25- 707	C-382
25-P-82	Ky. W. Va. Gas Co.	5638	Music, John A., et al	665	2809-2833	C-265
8-Q-80	KGS	R-14	Redbush Quadrangle	1140	6- 506	C-343
			KNOTT COUNTY			
21-J-78	KGS-USGS	DDH-3	Head of Sassafrass Creek	1685	0-1214	C-158
1-K-80	Ky. W. Va. Gas Co.	5568	Martin, Gilbert	1139	2344-2410	C-266
			KNOX COUNTY			
1-F-69	Plastics Universal Coal Co.	DDH-14	Fount Quadrangle	1570	14- 525	C-400
10-F-69	Plastics Universal Coal Co.	DDH-16	Fount Quadrangle	1775	0- 275	C-402
5-F-70	Plastics Universal Coal Co.	DDH-13	Scalf Quadrangle	1600	35- 345	C-399
5-F-70	Plastics Universal Coal Co.	DDH-15	Scalf Quadrangle	1620	30- 375	C-401
17-F-70	Plastics Universal Coal Co.	DDH-17	Scalf Quadrangle	1760	0- 582	C-403
21-G-69	Plastics Universal Coal Co.	DDH-5	Hima Quadrangle	1320	89- 94	C-394
25-G-70	Plastics Universal Coal Co.	DDH-7	Ogle Quadrangle	1340	10- 103	C-395
25-G-70	Plastics Universal Coal Co.	DDH-11	Ogle Quadrangle	1520	10- 305	C-397
25-G-70	Plastics Universal Coal Co.	DDH-9	Ogle Quadrangle	1480	10- 515	C-396
25-G-70	Plastics Universal Coal Co.	DDH-12A	Ogle Quadrangle	1560	10- 95	C-398
			LAWRENCE COUNTY			
9-Q-83	KGS	R-15	Milo Quadrangle	920	10- 774	C-344

Enhanced Inventory Questions

- What geologic age rocks are represented?
- What geologic units are represented?
- What was the purpose of cutting the core?
- What is the geologic context of the core?
- What is the size of the core?
- Is it slabbed?
- Does it belong to a group of similar cores?
- Are there associated data and documents?

… then we persuaded our core facility staff to collect this information

Edit Core Holdings

Back to Index Page Welcome, **Weisenfluh, Jerry**, if you are not *Weisenfluh, Jerry*, please click here to Sign in.

Call Number	153	Available	☑
Operator	KGS-USGS	Farm Name	TOM BIGGS BR.
	Or	Hole Number	DDH-6
General Location	Eastern Coalfield	Location ID	257442
Shelf Number	94	Core Series	USGS DDH
Core Top	0.00	*Enter these values only if there is no Location ID assigned.*	
Core Bottom	965.00	Surface Elevation	2240
Number Boxes	10	County Name	Letcher
Skips	☐	Quadrangle	Jenkins West
Date Received	mm/dd/yyyy	Carter Section	15
Date Processed	mm/dd/yyyy	Carter Letter	I
Purpose	Coal Exploration	Carter Number	83
	Or	NS_feet	1500
Core Diameter	2 inches(number only)	From	N ○ S ◉
Azimuth		EW_feet	1600
Oil/ Gas Rec. No.		From	E ◉ W ○
Coal Borehole ID	JNKNSWS	Inclination	
Comments		Slabbed	☐
		Water Site ID	

Assign Keywords

Keywords

Basal sand section	☐	PostKnox(Middle/Upper Ordovician)	☐
Basement	☐	Silurian	☐
Igneous samples	☐	Devonian	☐
Knox(lower Ordovician)	☐	Mississippian	☐
Pre-Cambrian Sedimentary	☐	Pennsylvanian	☑
Rome Trough section	☐	Post Pennsylvanian	☐
Rough Creek Graben section	☐	Core Description	☑
Structure	☐	Core Analysis	☐

List of Existing Core Interval for Call_Number: 1187

interval_id	Interval_top	Interval_bottom	Upper_fmcode	Core_Diameter	Interval_name	slabbed	interval_comments		
3060	1153	5748		3.5	master	0		Edit	
3176	1156	1176	365HGBG		unit	0		Edit	Del
3177	1677	1704	365WLCK		unit	0		Edit	Del
3178	1704	1713	365STPR		unit	0		Edit	Del
3179	1713	1805	368BKMN		unit	0		Edit	Del
3180	2499	2529	372CPRG		unit	0		Edit	Del
3181	2700	2830	372CPRG		unit	0		Edit	Del
3182	4410	4456	375CNSG		unit	0		Edit	Del
3183	5335	5340	375MTSM		unit	0		Edit	Del

Add Core Interval to Call_Number 1187

Call Number	1187	
Footage_From	5500	
Footage_To	5600	
FMCode		nelson [Search by Name] Quaternary [Search by Age]
Core_Diameter	3	
Slabbed	☑	**Only enter information if it differs from the Master record.**
Comments		

Submit

Add Core Boxes to Call_Number 1187

Call Number	1187
How Many Boxes?	
Beginning Serial Number:	
Beginning Top Footage	
Beginning Box Number	
What's the Box Length	

Submit

Search Core Holdings

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Call Number
(Enter the number only, for example: 122)

Submit

Operator ASHLAND EXPLORATION
Or

Submit

Purpose Oil and Gas Exploration
Or

Submit

Core Series

Submit

Call Number	Operator	Hole Number	Farm Name	County	Quad	Location	Lat	Lon	Elevation	Core Interval	Core Purpose	General Location
C-153	KGS-USGS	DDH-6	TOM BIGGS BR.	Letcher	Jenkins West	15-I-83 1500S 1600E	37.209956	-82.655509	2240	0-965	Coal Exploration	Eastern Coalfield
C-154	KGS-USGS	DDH-8	BUFFA & MARE CK	Pike	Broad Bottom	5-M-84 1050S 1900W	37.569602	-82.576778	1625	1-1109	Coal Exploration	Eastern Coalfield
C-155	KGS-USGS	DDH-11	DIXON KNOB	Perry	Vicco	--	37.158285	-83.051225	2170	0-1700	Coal Exploration	Eastern Coalfield
C-156	KGS-USGS	DDH-2	LOWER POMPEY	Pike	Millard	--	37.451864	-82.434709	1780	0-1089	Coal Exploration	Eastern Coalfield

Edit	Add Core Intervals	Add Core Box	Add Publication	Geologic Map		Coal Borehole Records
Edit	Add Core Intervals	Add Core Box	Add Publication	Geologic Map		Coal Borehole Records
Edit	Add Core Intervals	Add Core Box	Add Publication	Geologic Map		Coal Borehole Records
Edit	Add Core Intervals	Add Core Box	Add Publication	Geologic Map		Coal Borehole Records

Kentucky Geologic Map Information Service
Kentucky Geological Survey

Note: please disable popup blocking software for full functionality.

KGS Home > Maps, Pubs, & Data > Geologic Map Service

KGS Home > Data, Maps, & Pubs > Search Well Sample & Core Database

Search the Well Sample & Core Library Database

send us feedback

Primary search method:
- ADVANCED: Radius Search (decimal degree coordinates)
- Search by Core or Sample Call Number
- Search by KGS Oil and Gas Record Number
- Search by Oil and Gas Plat/Permit Number (well samples only)
- Search by KGS Coal Borehole ID (core only)

Enter a decimal degree LATITUDE and LONGITUDE, and a RADIUS LENGTH to perform a radius search:

LATITUDE:	LONGITUDE:
37.5	- 83.0
(format: 37.000000)	(format: 86.000000)

**Use North American Datum 1983 (NAD83): convert coordinates

SELECT A SEARCH RADIUS LENGTH (miles or feet): 3.0 miles

HELP! RADIUS SEARCH BY DECIMAL DEGREES

Search limits for both Core Holdings and Well Samples:

⊟ **Limit by farm and/or operator name:**
(enter either whole or partial names for search criteria)

FARM NAME:

tip: use a * (asterix) as a wildcard character

AND ◉ OR ○

OPERATOR NAME: Texaco

tip: use a * (asterix) as a wildcard character

Search limits for Core Holdings only:

Limit by Core Purpose: Oil and Gas Exploration

NGGDPP XML Metadata Record


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  - <alternateTitle>
      <title>113 boxes of core stored as Call Number C-519</title>
    </alternateTitle>
  - <abstract>
      <![CDATA[ Rock core in Hima quadrangle, Clay County, Kentucky penetrating Pennsylvanian strata. This core
      is part of the USGS Redbird series.  Continuous cores drilled under a cooperative USGS/KGS program in 1981 and 1982
    </abstract>
    <dataType>Rock Core</dataType>
  - <supplementalInformation>
    - <info>
        <![CDATA[ Cores may be viewed at the Kentucky Geological Survey Well Sample and Core Library by
        appointment.  Call 859-389-8810.  Get directions at http://www.uky.edu/KGS/about/contact.htm  ]]>
      </info>
    </supplementalInformation>
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      <![CDATA[ Coordinates stored as NAD27 geographic locations and converted to NAD83 using KYGeoTools
      (http://ngs.ky.gov/Pages/kyGeoTools.html)  ]]>
    </alternateGeometry>
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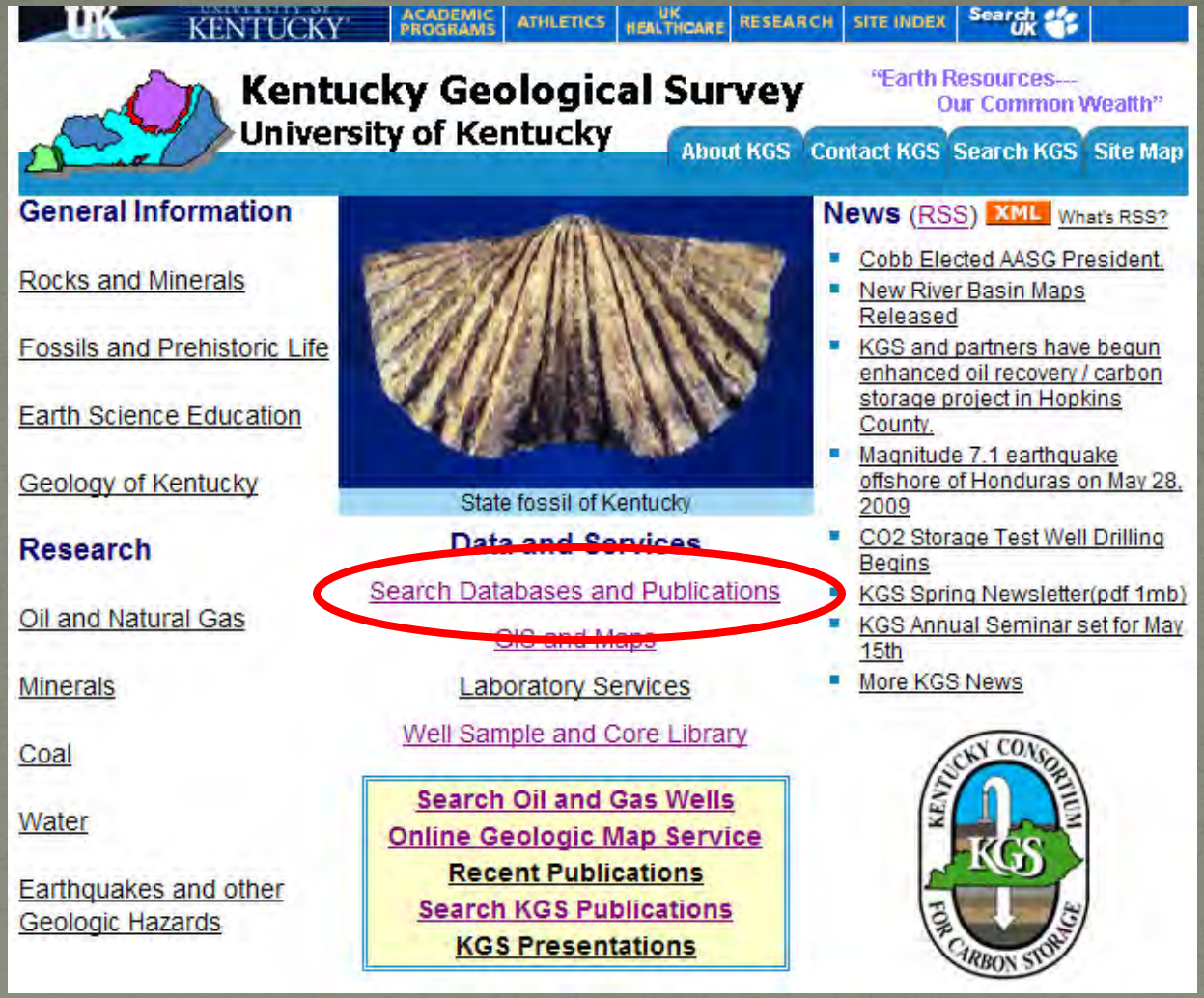

www.uky.edu/KGS/