

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Addresses, Telephone Numbers, and Brief Descriptions

of Publicly Available, Non-Profit

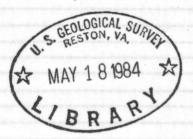
Sample and Core Repositories of the United States

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By James W. Schmoker¹, Thomas C. Michalski¹,

and Patricia B. Worl

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

U.S. Geological Survey, Box 25046, Denver Federal Center, Denver, Colorado 80225

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ADDRESSES, TELEPHONE NUMBERS, AND BRIEF DESCRIPTIONS OF PUBLICLY AVAILABLE, NON-PROFIT SAMPLE AND CORE REPOSITORIES OF THE UNITED STATES

By James W. Schmoker, Thomas C. Michalski, and Patricia B. Worl

INTRODUCTION

This report lists the mailing address (as opposed to the storage location), telephone number, and a very brief description of 95 publicly available, non-profit repositories for samples and cores. Facilities housing specialized oceanographic collections are included. All repositories listed are in the United States. It is hoped that this information will facilitate the utilization of sample and core collections, and will promote the curation and preservation of subsurface material by providing a basis for systematic communication among curators. Data are based on responses to a questionnaire mailed to each repository in late 1983.

A significant effort was made to develop a comprehensive list of United States sample and core repositories that meet the criteria of public availability and non-profit organizational status. The initial list was based on a directory of well-sample and core repositories by Fisher and Krupa (1977), which was an update of a directory by the American Association of Petroleum Geologists (1957). Additions, corrections, and deletions were solicited from each State Geologist, from each state office of the Water Resources Division of the U.S. Geological Survey, from other government agencies including the U.S. Army Corps of Engineers, from colleagues, and, finally, from the repository curators to whom questionnaires were directed.

Samples and cores are stored throughout the United States in facilities that range from office cabinets to large specialized buildings, and selecting repositories from this continuum for inclusion here was difficult in some cases. In general, formal state and federal repositories set up for public use posed little problem in this respect. College and university collections that seemed more than just a teaching tool were also included. Agencies supervising major construction projects frequently retain construction-related samples and cores for five years or more, and the more formal facilities of this type were listed. Still other repositories were selected because their unique collections could be of particular value to those with specialized study objectives.

ALABAMA

Geological Survey of Alabama and State Oil and Gas Board Sample and Core Library P.O. Drawer O University, AL 35486 205-349-2852

Oil and gas wells (85%), water wells (10%), Alabama

ALASKA

U.S. Geological Survey
Branch of Alaskan Geology
Alaska Core Library
4200 University Drive
Anchorage, AK 99508
907-786-7432

Oil and gas wells (100%),
Alaska; might be combined with
proposed Eagle River facility

Alaska Oil and Gas Conservation Commission Well Sample and Core Library 3001 Porcupine Drive Anchorage, AK 99501 907-279-1433

Oil and gas wells (100%),
Alaska

Department of Natural Resources
Division of Geological and
Geophysical Surveys
Pouch 7-208
Anchorage, AK 99510
907-276-2653

Eagle River facility, presently in planning stage

ARIZONA

Arizona Oil and Gas Conservation Commission 1645 West Jefferson, Suite 420 Phoenix, AZ 85007 602-255-5161

Oil and gas wells (67%), stratigraphic tests (19%), water wells (11%), Arizona

Arizona Bureau of Geology and Mineral Technology 845 North Park Avenue Tucson, AZ 85719 602-621-7906

Water wells (70%), oil and gas wells (15%), mining (15%), Arizona

ARKANSAS

Arkansas Geological Commission Well Sample Library 3815 West Roosevelt Road Little Rock, AR 72204 501-371-1488

Oil and gas wells (90%),
Arkansas

U.S. Army Corps of Engineers
Little Rock District
Geotechnical Branch
Core Repository
P.O. Box 867
Little Rock, AR 72203
501-378-5665

Construction projects (100%), Arkansas and Missouri

CALIFORNIA

California Well Sample Repository 9001 Stockdale Highway Bakersfield, CA 93309 805-833-2324

Oil and gas wells (98%), California

Water wells (802

University of California
Department of Geology and Geophysics
Museum of Geology
Berkeley, CA 94720
415-642-4330

Small research and educational facility

Core Repository and Analysis

University of California, San Diego Scripps Institution of Oceanography Deep Sea Drilling Project, A-031 West Coast Repository La Jolla, CA 92093 619-452-3528/3532

Deep-sea drilling samples collected by GLOMAR CHALLENGER

COLORADO

U.S. Geological Survey
Core Library
Box 25046 Mail Stop 975
Denver Federal Center
Denver, CO 80225
303-234-5105

Oil and gas wells (85%), oil shale (10%), Wyoming, Montana, Colorado, North Dakota, western U.S.

Colorado School of Mines
Department of Geology
Core Library
Golden, CO 80401
303-273-3033

Oil and gas wells (100%), Colorado, North Dakota, Wyoming; primarily a teaching facility

DELAWARE

Delaware Geological Survey University of Delaware Newark, DE 19716 302-451-2833

Water wells (93%), Delaware

217-333-3567/2/

FLORIDA

University of Miami 4600 Rickenbacker Causeway Miami, FL 33149 305-361-4670

Sea-floor sediment cores and dredge samples

Florida State University
Department of Geology
Antarctic Marine Geology
Research Facility and Core Library
Tallahassee, FL 32306
904-644-2407

Material collected by NSF-funded studies, Antarctica and the Southern Ocean

Florida Geological Survey 903 West Tennessee Street Tallahassee, FL 32304 904-488-9380

Rock Island, II 51201

loS. Army Corps of Enginee

Water wells (90%), oil and gas wells (5%), Florida; moving to new facility

U.S. Geological Survey
Water Resources Division
4710 Eisenhower Boulevard, Suite B-5
Tampa, FL 33614
813-228-2124

Small collection of representative cuttings from west-central Florida water wells

GEORGIA

Georgia Geologic Survey
Well Cuttings and Core Library
19 Martin L. King, Jr., Drive, SW
4th Floor
Atlanta, GA 30334
404-656-3214

Water wells (90%), oil and gas wells (10%), Georgia

HAWAII

University of Hawaii
Hawaii Institute of Geophysics
Core Repository and Analysis
Laboratory
2525 Correa Road
Honolulu, HI-96822
808-948-6605

Sea-floor samples

Honolulu Board of Water Supply 630 South Beretania Street Honolulu, HI 96843 808-527-5276

Kansas Geological Survey

Water wells (100%), Hawaii; Research collection in caretaker status

Department of Land
and Natural Resources
Division of Water
and Land Development
P.O. Box 373
Honolulu, HI 96809
808-548-7539

Water wells (100%), Hawaii; small collection of cuttings

IDAHO

Idaho Geological Survey
University of Idaho
Moscow, ID 83843
208-885-7991

Oil and gas wells, Idaho; small collection of cuttings

Oil and gas wells (100%), Louisi

ILLINOIS

Illinois State Geological Survey Geological Samples Library Natural Resources Building 615 East Peabody Drive Champaign, IL 61820 217-333-3567/3664

Oil and gas wells (70%), coal, water, mining, construction (30%), Illinois

U.S. Army Corps of Engineers
Rock Island District
Geotechnical Branch
Clock Tower Building
Rock Island, IL 61201
309-788-6361

Construction projects (100%), Iowa, Illinois, Missouri

INDIANA

Indiana Geological Survey Core Library 611 North Walnut Grove Bloomington, IN 47405 812-335-5412

Oil and gas wells (97%), Indiana

IOWA

Iowa Geological Survey
Oakdale Facility
123 North Capitol
Iowa City, IA 52242
319-353-6235

Water wells (75%), oil and gas wells (10%), mining and coal (10%), Iowa

KANSAS

Kansas Geological Survey 1930 Constant Avenue, Campus West Lawrence, KS 66044 913-864-4991

Oil and gas wells (90%), coal (7%), Kansas; core and core chips only

Kansas Geological Survey
Wichita Well Sample Library
Suite 103, Colorado Derby Building
Wichita, KS 67202
316-943-2343

Oil and gas wells (99%), Kansas; cuttings only

KENTUCKY

Weston, MA 02195

Kentucky Geological Survey
Well Sample and Core Library
311 Breckingridge Hall
University of Kentucky
Lexington, KY 40506
606-257-1677

Oil and gas wells (92%), Kentucky

LOUISIANA

Department of Natural Resources Louisiana Geological Survey Well Sample and Core Repository P.O. Box G, University Station Baton Rouge, LA 70893 504-342-6754

Oil and gas wells (100%), Louisiana; facility inoperable at present time due to remodeling

Louisiana State University Institute for Environmental Studies DOE Salt Dome Core Storage Baton Rouge, LA 70803 504-388-8521

Salt cores from two wells, Louisiana; funded by Department of Energy nuclear-waste program

U.S. Geological Survey Louisiana District Sand Sample Library P.O. Box 66492 Baton Rouge, LA 70896 504-389-0442

Oil and gas wells (95%)

Water wells (100%), Louisiana; primarily an in-house facility with public use at convenience of USGS

MARYLAND

Maryland Geological Survey
The Rotunda, Suite 440
711 West 40th Street
Baltimore, MD 21211
301-338-7105/7147

Water wells (70%), oil and gas wells (30%), Maryland

MASSACHUSETTS

United States Department of Agriculture Soil Conservation Service 451 West Street Amherst, MA 01002 413-256-0441

Rock and soil samples from dam sites, Massachusetts

Metropolitan District Commission Water Division - Quabbin Section 485 Ware Road Belchertown, MA 01007 413-323-7883

Cores from water-construction projects, Massachusetts; stored at various locations

Massachusetts Department
of Public Works
Research and Materials Division
99 Worcester Street
Wellesley Hills, MA 02181
617-235-6100

Soil and rock samples from highway and bridge construction, Massachusetts

Weston Observatory 381 Concord Road Weston, MA 02193 617-899-0950

Geology Department

Mount Pleasant, MI 48859

Coal (100%), Massachusetts; storage for Narragansett basin project

U.S. Geological Survey
Branch of Atlantic Marine
Geology
Sample Repository
Gosnold Building, Quissett Campus
Woods Hole, MA 02543
617-548-8700

Sea-floor sediment cores

MASSACHUSETTS (Cont.)

Woods Hole Oceanographic Institute Sea Floor Samples Laboratory McLean Building Woods Hole, MA 02543 617-548-1400

Sea-floor sediment cores;
new facility

MICHIGAN

University of Michigan
Department of Geological Sciences
Subsurface Laboratory
1506 C. C. Little Bldg.
Ann Arbor, MI 48109
313-764-2434

Oil and gas wells (95%), Michigan

51. Paul, MR 55101

1435 USPC and Custom House

Wayne State University
Geology Department
Subsurface Sample Library
201 Old Main
Detroit, MI 48202
313-577-2510

Oil and gas wells (100%), Michigan

Michigan State University
Department of Geological Sciences
Sample Library
206 Natural Science Bldg.
East Lansing, MI 48824
517-355-4626/4631

Oil and gas wells (95%), coal (5%), Michigan

MICHIGAN (Cont.)

Western Michigan University
Department of Geology
Kalamazoo, MI 49008
616-383-0063

construction

Oil and gas wells (100%), Michigan; small collection begun in 1983--would like to expand

Department of Natural Resources
Michigan Geological Survey
Box 30028
Lansing, MI 48909
517-373-8220

Oil and gas wells (95%), industrial disposal (5%), Michigan; stored in State Record Center

Oil and gas wells (100%), Montana

Department of Natural Resources
Michigan Geological Survey
1990 U.S. #41 South
Marquette, MI 49855
906-226-7505

Mining (50%), water wells (47%), Michigan

expanding into larger building

Central Michigan University Geology Department Mount Pleasant, MI 48859 517-774-3179

Oil and gas wells (100%), Michigan; primarily a storage facility

MINNESOTA

Oil and gas wells (70%),

Minnesota Department of Natural Resources Minerals Division Drill Core Library 1525 East Third Avenue, Box 567 Hibbing, MN 55746 218-262-6767

Iron mining (75%), non-ferrous mineral exploration (25%), Minnesota

MINNESOTA (Cont.)

U.S. Bureau of Mines Twin Cities Core Storage Library 5629 Minnehaha Avenue South Minneapolis, MN 55417 612-725-4535

Mining (95%), construction (5%), from 27 states; includes collection formerly housed at Denver facility

Minnesota Geological Survey 2642 University Avenue St. Paul, MN 55114 612-373-3372

Water wells (95%), mining and construction (5%), Minnesota; primarily for in-house studies

U.S. Army Corps of Engineers St. Paul District 1135 USPO and Custom House St. Paul, MN 55101 612-725-7595

Construction projects (100%), Minnesota, Wisconsin, North Dakota

MISSISSIPPI

Department of Natural Resources Bureau of Geology P. O. Box 5348 Jackson, MS 39216 601-354-6228

Oil and gas wells (97%), Mississippi

MISSOURI

Missouri Geological Survey
Core and Sample Library
111 Fairground Road
P.O. Box 250
Rolla, MO 65401
314-364-1752

Mining (85%), oil and gas wells (5%), coal (5%), construction (5%), Missouri

MONTANA

Board of Oil and Gas Conservation 2535 St. Johns Avenue Billings, MT 59102 406-656-0040

Oil and gas wells (100%), Montana

Montana Bureau of Mines and Geology Core Repository Montana College of Mineral Science and Technology Butte, MT 59701 406-496-4169

Mining (90%), coal (10%), Montana; expanding into larger building

University of Montana Geology Department Missoula, MT 59812 406-243-5261

Oil and gas wells (70%), mining (30%), Montana

NEBRASKA

Nebraska Geological Survey
Room 113, Nebraska Hall
University of Nebraska, Lincoln
Lincoln, NE 68588
402-472-3471

Oil and gas wells (75%), water wells (23%), Nebraska

NEVADA

U.S. Geological Survey Geologic Data Center P.O. Box 327 Mercury, NV 89023 702-986-9260

Material from Nevada Test Site; individuals should apply to Department of Energy for access

Nevada Bureau of Mines and Geology University of Nevada Reno, NV 89557 702-784-6691

Mining (60%), oil and gas wells (40%), Nevada

NEW MEXICO

U.S. Department of Energy Waste Isolation Pilot Preject P.O. Box 2078 Carlsbad, NM 88221 505-887-0586

Archived material from WIPP Site, southeast New Mexico

New Mexico Bureau of Mines and Mineral Resources
Campus Station
Socorro, NM 87801
505-835-5402

University of Toledo

Oil and gas wells, mineral exploration, coal, and water wells, New Mexico

Oregon State University

Mineral Industries

OHIO

New York State Geological Survey Room 3140, CEC-ESP Albany, NY 12230 518-474-5816

Oil and gas wells (60%), mining (30%), New York; cuttings collection is available for study; core collection is palleted awaiting move in June, 1984, to permanent storage

Lamont-Doherty Geological Observatory
of Columbia University
Deep Sea Drilling Project
East Coast Repository
Palisades, NY 10964
914-359-2900

Deep-sea drilling samples collected by GLOMAR CHALLENGER

NORTH CAROLINA

North Carolina Geological Survey 4100 Reedy Creek Road Raleigh, NC 27607 919-733-7353

Water wells (50%), oil and gas wells (20%), mining (20%), research (10%), North Carolina

PENNSYLVANIA

NORTH DAKOTA

North Dakota Geological Survey Wilson M. Laird Core and Sample Library University Station Grand Forks, ND 58202 701-777-2231

Oil and gas wells (99%), North Dakota

Battelle Memorial Institute Office of Nuclear Waste Isolation 505 King Avenue Columbus, OH 43201 614-424-4406

Salt cores from Louisiana; funded by Department of Energy nuclear-waste program

Ohio Department of Natural Resources Division of Geological Survey Subsurface Geology Section Fountain Square, Building B Columbus, OH 43224 614-265-7054

Oil and gas wells (99%), Ohio

fire, and landslide areas,

east-central states

Ohio Department of Natural Resources Division of Geological Survey Regional Geology Section Fountain Square, Building B Columbus, OH 43224 614-265-6596

Coal (80%), water wells (15%), mining (5%), Ohio; consolidation with preceding collection is planned

Pennsylvania and West Virginia

University of Toledo
Department of Geology
Subsurface Data Center
Toledo, OH 43606
419-537-2398

Oil and gas wells (95%), construction (5%), Ohio and Indiana; also sediment cores from Lake Erie

OKLAHOMA

Oklahoma Geological Survey
Core and Sample Library
2725 Jenkins Avenue
Norman, OK 73019
405-325-4386

Oil and gas wells (85%), mining (10%), coal (4%), Oklahoma

OREGON

Oregon State University
College of Oceanography
Marine Geological Sample Collection
Corvallis, OR 97331
503-754-2296

Sea-floor samples; refrigerated and sealed

Oregon Department of Geology and Mineral Industries State of Oregon Well Sample Collection 1005 State Office Building Portland, OR 97201 503-229-5580

Oil and gas wells (80%), geothermal wells (20%), Oregon

PENNSYLVANIA

Academy of Natural Sciences of Philadelphia 19th and The Parkway Philadelphia, PA 19103 215-299-1137

Archived collection of material from New Jersey, North Carolina, Virginia, Maryland, and South Carolina, with minor amounts from other states

PENNSYLVANIA (Cont.)

Pennsylvania Geological Survey 6th Floor, Highland Building 121 South Highland Avenue Pittsburgh, PA 15206 412-565-5030

Oil and gas wells (99%), Pennsylvania; samples and cores in separate facilities

Office of Surface Mining
Technical Services Division
Lake Lynn Core Library
10 Parkway Center
Pittsburgh, PA 15220
412-937-2868

Cores from coal-related subsidence, fire, and landslide areas, east-central states

U.S. Army Corps of Engineers Pittsburgh District Geotechnical Branch 1928 Federal Building 1000 Liberty Avenue Pittsburgh, PA 15222 412-644-4124

Construction projects (100%), Pennsylvania and West Virginia

RHODE ISLAND

University of Rhode Island Graduate School of Oceanography Core Laboratory Building D-180 Quonset, RI 02852 401-294-2863

Sea-floor sediment cores and dredge samples; refrigerated

SOUTH CAROLINA

South Carolina Geological Survey Harbison Forest Road Columbia, SC 29210 803-758-6431

Water wells (60%), mining (20%), construction (20%), South Carolina

SOUTH DAKOTA

South Dakota Geological Survey Science Center University Campus Vermillion, SD 57069 605-624-4471

Oil and gas wells (80%), water wells (20%), South Dakota

TENNESSEE

Tennessee Division of Geology 701 Broadway Nashville, TN 37203 615-742-6703

Oil and gas wells (95%), Tennessee; stored at several locations

Geotechnical Engineering Section

U.S. Army Corps of Engineers Nashville District Geology Section P.O. Box 1070 Nashville, TN 37202 615-251-5686

Construction projects (100%), Kentucky, Tennessee, and Mississippi

TEXAS

Bureau of Economic Geology Well Sample Library 10,100 Burnet Road Austin, TX 78758 512-835-3042

Oil and gas wells (83%), mining (11%), water wells (5%), Texas; new facility to be ready in late 1984

Texas A & M University
Department of Geology
College Station, TX 77843
409-845-2451

Oil and gas wells (95%), coal (5%), mostly Texas; primarily a teaching and research facility for faculty and students

University of Texas at Austin Institute for Geophysics Marine Geophysics Laboratory 4920 North Interstate 35 Austin, TX 78751 512-458-4238

Sea-floor samples; storage is in Galveston

HATU

University of Utah Research Institute Earth Science Laboratory 420 Chipeta Way, Suite 120 Salt Lake City, UT 84108 801-581-5283

Geothermal wells (90%), mining (10%), Nevada, Utah, California, Idaho, and Oregon

UTAH (Cont.)

Utah Geological and Mineral Survey 606 Blackhawk Way Salt Lake City, UT 84108 801-581-6831

Oil and gas wells (99%), primarily Utah

VIRGINIA

Virginia Polytechnic Institute Department of Geological Sciences 4044 Derring Hall Blacksburg, VA 24061 703-961-6521

Heat-flow cores, mining, coal, southeastern states

Virginia Division of Mineral Resources P.O. Box 3667 Charlottesville, VA 22903 804-293-5121

Water wells (88%), oil and gas wells (9%), Virginia

U.S. Army Corps of Engineers
Norfolk District
Geotechnical Engineering Section
Great Bridge Reservation
803 Front Street
Norfolk, VA 23510
804-441-3669

Construction projects (100%), Virginia

WASHINGTON

Washington Department of
Natural Resources
Geology and Earth Resources Division
Olympia, WA 98501
206-459-6372

Oil and gas wells (100%), Washington

Rockwell Hanford Operations Basalt Waste Isolation Project P.O. Box 800 Richland, WA 99352 509-376-6265

Collection located in a secured area; formal clearance through the Department of Energy is required

University of Washington, WB-10 School of Oceanography Seattle, WA 98195 206-543-5060

Sea-floor samples, Pacific and Arctic Oceans

WEST VIRGINIA

West Virginia Geological Survey Sample Library P.O. Box 879 Morgantown, WV 26507 304-594-2331

Oil and gas wells (100%), West Virginia

WISCONSIN

University of Wisconsin Geology Repository 1215 West Dayton Madison, WI 53706 608-262-8960

Sea-floor samples, central Arctic Ocean

Wisconsin Geological and Natural History Survey Sample Repository 1815 University Avenue Madison, WI 53705 608-262-1705

Water wells (52%), mining (45%), Wisconsin; storage is in Milwaukee

REFERENCES

American Association of Petroleum Geologists, 1957, Sample and core repositories of the United States, Alaska, and Canada: American Association of Petroleum Geologists, Committee on Preservation of Samples and Cores, 29 p. (Reproduced and distributed through the courtesy of Core Laboratories, Inc.).

Fisher, C. K., and Krupa, M. P., 1977, Well-sample and core repositories of the United States and Canada: U.S. Geological Survey Open-File Report 77-567, 73 p.

