MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A
SELECTED GEOLOGIC LITERATURE
LOWER MISSISSIPPI VALLEY DIVISION AREA
INDEX AND ANNOTATED BIBLIOGRAPHY

by
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# Technical Report No. 3-712

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**Supplementary Notes**


**Key Words**

- Geology--Lower Mississippi Valley Division area--Bibliography (LC)
- Lower Mississippi Valley--Bibliography (LC)

**Abstract**

Approximately 310 references to published and unpublished items of geologic literature have been evaluated and annotated since the publication of Supplement 5 in December 1971. The new references have been combined with those in the previous supplement and are presented in this supplement, which supersedes the previous supplements.
Authorization for this study is contained in a letter from the Division Engineer, U. S. Army Engineer Division, Lower Mississippi Valley, to the Director, U. S. Army Engineer Waterways Experiment Station (WES), dated 4 June 1970, subject, "Status of Soils Division Projects for MRC and LMVD for FY 70 and Request for Funds for Projects for FY 71."

Dr. Roger T. Saucier, Environmental Laboratory, WES, selected, compiled, and annotated references contained in Supplements 1-5, and Mr. Richard W. Hunt, Engineering Geology Applications Group (EGAC), Engineering Geology and Rock Mechanics Division (EGRMD), Geotechnical Laboratory (GL), WES, selected, compiled, and annotated the new references presented in Supplement 6.

Mr. Hunt prepared the report under the supervision of Mr. John H. Shamburger, Chief, EGAC, and Dr. Don C. Banks, Chief, EGRMD, and under the general supervision of Dr. William F. Marcuson III, Chief, GL.

Commander and Director of the WES during the conduct of this study and the preparation of this report was COL Tilford C. Creel, CE. Technical Director was Mr. F. R. Brown.
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SUPPLEMENT 6

SELECTED GEOLOGIC LITERATURE
LOWER MISSISSIPPI VALLEY DIVISION AREA
INDEX AND ANNOTATED BIBLIOGRAPHY

Purpose

1. After completion of the basic report in January 1966, a method was developed for updating the bibliography through the publication of supplements. This method was based on the use of magnetic tape and a series of code listings. For this supplement and future supplements the storage of the references was changed from magnetic tape to diskettes. The data storage (a) permits rapid sorting of references and the use of computer output listing for preparation of the supplements; (b) facilitates the incorporation of new references with those already in the basic report when a revised edition is prepared; and (c) enables interested persons to obtain at any time a direct computer listing of all references pertaining to a specific topic or area. This supplement is the sixth in the series to be prepared by this method.

Scope

2. This supplement contains about 310 references that were reviewed between July 1971 (termination date of data collection for Supplement 5) and December 1978 and are considered pertinent to the bibliography. A routine examination of index guides, publication lists, bibliographies, periodical indexes, and abstract journals was the primary data collection technique employed. Annotations were prepared when it was felt that comments regarding the content of the publication would be helpful.

3. All references contained in Supplement 5 have been combined with the 310 new references and are presented herein. Therefore, this supplement completely supersedes previous supplements.
Organization of Report

4. The organization of this supplement follows that of the basic report as closely as possible. References pertaining to the regional and topical studies are listed under each of the 12 categories to facilitate concurrent use of the two reports. Further subdivision by states has also been employed for appropriate categories. References that are indexed on maps are not subdivided by category as was done in the basic report; however, listings have been included for each of the 30 maps for which new references are available.

Availability Code

5. A numerical code designation pertaining to the availability of references is incorporated in this supplement. This code designation is a single numeral in parentheses that follows each reference. The numerical code designations are defined as follows:

(1) This publication is not normally available by request or sale from the issuing agency. However, a copy is available on loan from the Engineering Geology and Rock Mechanics Division, Geotechnical Laboratory, WES.

(2) This publication is still available from the issuing agency.

(3) This publication is out of print and is not available on loan from WES. Interlibrary loan is suggested as the most practical means of obtaining a copy.

(4) This publication is a thesis or dissertation. Copies can be acquired in some cases through University Microfilms, Inc., Ann Arbor, Michigan, and in other cases through the library of the university involved.

(5) This publication is a technical journal article. A reprint of the article can sometimes be obtained by writing to the author. In addition, most large libraries subscribe to nearly all the periodicals that are referenced in this bibliography.

(6) This publication is a Corps of Engineers district design memorandum that is available from the respective district office or on loan from the WES Research Center Library. Non-Corps of Engineers personnel must obtain permission from the issuing district office before a loan from WES can be made.

(0) The availability of this publication has not been determined.
## APPENDIX A: LITERATURE NOT INDEXED ON OR REFERENCED TO MAPS

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GENERAL GEOLOGIC INVESTIGATION REPORTS

1029 COLEMAN, JAMES M., AND GAGLIANO, S. M., SEDIMENTARY STRUCTURES - MISSISSIPPI RIVER DELTAIC PLAIN. SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS, SPECIAL PUBLICATION NO.12(1965). (5)

TWENTY-FIVE SEDIMENTARY STRUCTURE TYPES ARE DESCRIBED AND RELATED TO DEPOSITIONAL PROCESSES. TWELVE DISTINCT DEPOSITIONAL ENVIRONMENTS WERE INVESTIGATED AND THE ASSOCIATED STRUCTURE TYPES FOR EACH ARE LISTED.

1068 COOKE, C. W., EMERGED QUATERNARY SHORE LINES IN THE MISSISSIPPI EMBAYMENT. SMITHSONIAN MISCELLANEOUS COLLECTIONS, VOL 149, NO. 10, PUBLICATION 4677 (1966). (2)

THIS PUBLICATION PRESENTS AN INTERESTING BUT NOT WIDELY ACCEPTED IDEA CONCERNING THE ORIGIN OF QUATERNARY FORMATIONS IN THE LOWER MISSISSIPPI VALLEY.

1174 GAGLIANO, S. M., AND THOM, B. G., DEWEYVILLE TERRACE, GULF AND ATLANTIC COASTS. COASTAL STUDIES INSTITUTE TECHNICAL REPORT NO. 39, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., REPORT (1967). (2)

THE AGE, ORIGIN, AND AREAL DISTRIBUTION OF THE LATE PLEISTOCENE TERRACE ARE DISCUSSED AND ILLUSTRATIONS OF SELECTED LOCATIONS ARE INCLUDED.


ALTHOUGH THERE IS A BRIEF DISCUSSION OF THE ORIGIN OF SALT DOMES, THIS PUBLICATION IS VALUABLE PRINCIPALLY FOR ITS COMPLETE LIST OF DOMES AND STATISTICAL DATA ON EACH. A GOOD BIBLIOGRAPHY IS INCLUDED.

1230 RUSSELL, RICHARD J., RIVER AND DELTA MORPHOLOGY. LOUISIANA STATE UNIVERSITY, COASTAL STUDIES INSTITUTE TECHNICAL REPORT NO. 52. TECH REPORT (1967). (1)

THIS REPORT IS A HIGHLY CONDENSED DISCUSSION OF SUCH TOPICS AS FLOW OF WATER IN CHANNELS, ENTRAINMENT AND TRANSPORT OF SOLID LOAD, FLOODPLAIN DEPOSITION AND CHANNELS, AND DELTAS WITH MOST EXAMPLES CITED FROM THE MISSISSIPPI VALLEY.

THE LITHOLOGIC DISTRIBUTION, MODES OF DEPOSITION, THICKNESS, VARIATIONS, AND STRUCTURE OF THE SPARTA SAND ARE DISCUSSED IN THIS REPORT.


THE COCKFIELD, SPARTA, CANE RIVER, CARRIZO, AND WILcox AQUIFERS ARE DESCRIBED BRIEFLY AND A SERIES OF COLORED MAPS CONTAIN INFORMATION ON THE PIEZOMETRIC SURFACES, OUTCROP AREAS, STRUCTURAL CONTOURS, THICKNESSES, AND PERCENT OF SAND.


STRATIGRAPHIC EVIDENCE FROM SEVERAL GULF COAST BARRIERS IS CITED AS INDICATING ORIGIN THROUGH UPWARD AGGRADATION OF SUBMERGED SHOAL AREAS.

GOULD, H. R., THE MISSISSIPPI DELTA COMPLEX. IN - DELTAIC SEDIMENTATION, MODERN AND ANCIENT. SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS, SPECIAL PUBL. NO. 15, TULSA, OKLA., SPECIAL PUBL. (1970). (2)

A CONCISE SUMMARY OF THE HISTORY AND FACIES DIFFERENTIATION OF THE MODERN DELTAIC PLAIN.

FRAZIER, D. E., AND OSANIK, ALEX, RECENT PEAT DEPOSITS, LOUISIANA COASTAL PLAIN. IN - ENVIRONMENTS OF COAL DEPOSITION. GEOLOGICAL SOCIETY OF AMERICA SPECIAL PAPER 114, SPECIAL PAPER 114 (1969). (2)

A GENERAL DISCUSSION OF THE ORIGIN AND COMPOSITION OF INTERDISTRIBUTARY PEATS AND INLAND SWAMP PEATS, INCLUDING SEVERAL CROSS SECTIONS AND A TABLE OF CHEMICAL ANALYSES.
1438 CORDING, HAMMIRE, MACPHERSON, LENZINI, & VONDEROHE, DISPLACEMENTS AROUND TUNNELS IN SOILS. REPORT NO. PB-267 356/45T, ILLINOIS UNIV., DEPT. OF CIVIL ENGINEERING, URBANA - CHAMPAIGN, ILL., REPORT (1976). (2)

   THIS REPORT SUMMARIZES ONE YEAR OF RESEARCH ON GROUND MOVEMENTS AROUND TUNNELS IN SOIL.


   THIS SYSTEMATIC DETERMINATION OF ENGINEERING CRITERIA FOR ROCK WAS DEVELOPED TO PROVIDE A LANGUAGE WHICH PRESENTS THE ENGINEERING CHARACTERISTICS OF A PARTICULAR ROCK IN A BRIEF, CONCISE AND RELEVANT MANNER.

1440 FENIX AND SEISSON, INC., SUMMARY OF RESEARCH ON FORTY-SEVEN SELECTED SALT DOMES IN LOUISIANA AND MISSISSIPPI. REPORT NO. T10-28972, TULSA, OK., REPORT (1977). (2)

1441 DRNEVICH, VINCENT P., AND RAGHU, D., LOCATION OF SOLUTION CHANNELS AND SINKHOLES AT DAM SITES AND BACKWATER AREAS BY SEISMIC METHODS: PART II - CORRELATION OF SEISMIC DATA WITH ENGINEERING PROPERTIES. KENTUCKY WATER RESOURCES INST., REPORT NO. RR-55, LEXINGTON, KY., REPORT (1972). (2)


The 1973 main-stem flood stages were the highest ever observed in the reach of the Mis. extending approx. 370 miles upstream from Cape Girardeau, Mo. New records for consecutive days above flood stage were set for most main-stem gaging stations from southern Iowa to La.


In Arkansas, La., Ms., and part of eastern Texas, the CARRIZO and MERIDIAN sands were deposited as valley and channel fills and as beach sands over an erosional surface. The CARRIZO and MERIDIAN sands are important potential sources of fresh water in Mis. and Texas.


The units of PALEOZOIC and MEGOZOIC age, as represented on the geologic map of the U. S., are explained and described.

Dissolved-solids data from 54 river basins for 1966-69 were used to compute the amount of dissolved material contributed to the oceans from the conterminous U. S.


Establishes the northern Gulf Coastal Region as a sedimentary-stratigraphic entity; a set of Mesozoic units adapted from current usage to best fit the region, with representative sections for each unit.


Information on flow, drainage area, length, source, and mouth of the 28 largest rivers in the U.S. is presented for the base periods 1931-60 and 1941-70.
STATE GEOLOGIC REPORTS

ARKANSAS


THIS ARTICLE CONTAINS A DISCUSSION (AND MAP) OF THE TERRACES, INCLUDING INFORMATION ON MORPHOLOGIC FEATURES AND CLIMATIC CONDITIONS PREVAILING DURING THE TIME OF DEPOSITION.
ILLINOIS


1108 FRYE, JOHN C., AND OTHERS, OUTLINE OF GLACIAL GEOLOGY OF ILLINOIS AND WISCONSIN, IN - THE QUATERNARY OF THE UNITED STATES. PRINCETON UNIVERSITY PRESS, PRINCETON, NEW JERSEY = ALSO AVAILABLE AS ILLINOIS STATE GEOLOGICAL SURVEY REPRINT SERIES, GEOLOGICAL SURVEY (1965). (2)

   THIS REPORT IS AN EXCELLENT CONDENSATION OF KNOWLEDGE REGARDING THE GLACIAL HISTORY OF THE AREA. EMPHASIS IS PLACED UPON CHRONOLOGY.

1255 PISKIN, K., AND BERGSTROM, R. E., GLACIAL DRIFT IN ILLINOIS THICKNESS AND CHARACTER. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 416, URBANA, ILL., CIRCULAR (1967). (2)

   A BRIEF DISCUSSION OF THE GLACIAL GEOLOGY AND CHRONOLOGY OF THE STATE IS FOLLOWED BY DESCRIPTIONS OF THE DRIFT DEPOSITS. THIS REPORT CONTAINS A 1/500,000-SCALE MAP OF DRIFT THICKNESS AND SEVERAL DETAILED CROSS SECTIONS.

1341 FRYE, J. C., DEVELOPMENT OF PLEISTOCENE STRATIGRAPHY IN ILLINOIS. IN - THE QUATERNARY OF ILLINOIS. UNIV. ILLINOIS COLLEGE AGRIC., SPECIAL PUBL. 14, URBANA, ILL., SPECIAL PUBL. 14 (1968). (2)


1460 WILLMAN, H. B., AND OTHERS, HANDBOOK OF ILLINOIS STRATIGRAPHY. ILLINOIS STATE GEOLOGICAL SURVEY, BULLETIN 95, URBANA, ILL., GEOL SURVEY (1975). (2)
1461 LINEBACK, J. A., ILLINOIS GEOLOGY FROM SPACE. ILLINOIS STATE GEOLOGIC SURVEY, ENVIRONMENTAL GEOLOGY NOTE 73, URBANA, IL., GEOL NOTE (1975). (2)


1463 PALMER, JAMES E. AND ATHERTON, ELWOOD, THE MISSISSIPPIAN AND PENNSYLVANIAN SYSTEMS IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, REPRINT 1979-H, URBANA, IL., GEOL SURVEY (1979). (2)

1464 FRYE, J.C., AND OTHERS, GEOLOGY AND PALEONTOLOGY OF LATE PLEISTOCENE LAKE SALINE, SOUTHEASTERN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 471, URBANA, IL., CIRCULAR (1972). (2)

1465 LINEBACK, J. A., LATERAL GRADATION OF THE SALEM AND ST. LOUIS LIMESTONE (MIDDLE MISSISSIPPIAN) IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 474, URBANA, IL., CIRCULAR (1972). (3)

1466 WILLMAN, H. B., GEOLOGY ALONG THE ILLINOIS WATER-A BASIS FOR ENVIRONMENTAL PLANNING. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 478, URBANA, IL., CIRCULAR (1973). (2)

1467 STEVENSON, D. L., THE EFFECT OF BURIED NIAGARAN REEFS ON OVERLYING STRATA IN SOUTHWESTERN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 482, URBANA, IL., CIRCULAR (1973). (2)

1468 FRYE, J. C., AND OTHERS, EALREST WISCONSINIAN SEDIMENTS AND SOILS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 485, URBANA, IL., CIRCULAR (1974). (2)
1469 PISKIN, KEMAL, AND BERGSTROM, R. E., GLACIAL DRIFT IN ILLINOIS: THICKNESS AND CHARACTER. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 490, URBANA, IL., CIRCULAR (1975). (2)

LOUISIANA

1030 DIXON, LOUIS H., CENOZOIC CYCLIC DEPOSITION IN THE SUBSURFACE OF CENTRAL LOUISIANA. DEPARTMENT OF CONSERVATION. LOUISIANA GEOLOGICAL SURVEY BULLETIN NO. 42, BATON ROUGE, LA., GEOL. SURVEY BULLETIN NO. 42 (1965). (2)

THIS BULLETIN CONTAINS NUMEROUS ISOPACH AND STRUCTURE MAPS AND STRATIGRAPHIC SECTIONS PLUS A COMPOSITE LOG AND STRATIGRAPHIC COLUMN.


THIS ARTICLE CONTAINS A DISCUSSION (AND MAP) OF THE TERRACES, INCLUDING INFORMATION ON MORPHOLOGIC FEATURES AND CLIMATIC CONDITIONS PREVAILING DURING THE TIME OF DEPOSITION.

1470 FENIX AND SCISSION, INC., GEOLOGIC STUDY: NORTHERN LOUISIANA SALT DOMES. REPORT NO. TID-28973, TULSA, OK., REPORT (1977). (2)

MISSISSIPPI

1370 FREDERIKSEN, N. O., STRATIGRAPHY AND PALYNOL OGY OF THE JACKSON STAGE (UPPER EOCENE) AND ADJACENT STRATA OF MISSISSIPPI AND WESTERN ALABAMA, UNPUBLISHED DISSERTATION, UNIVERSITY OF WISCONSIN, MADISON, WISC., UNPUBLISHED DISSERTATION (1969). (4)

MOST OF THIS DISSERTATION IS CONCERNED WITH THE PALYNOCAL BASES FOR DIFFERENTIATION OF THE STRATA, BUT DATA ON THE ECOLOGIC CONDITIONS OF DEPOSITION ARE INCLUDED. IN ADDITION, DATA ON THE VALIDITY OF LONG-DISTANCE CORRELATION OF FACIES ARE CONTAINED IN THE STUDY.

1472 KEADY, DONALD M., AND LINS, THOMAS W., OUTCROP STUDY OF A COMPLEX SAND AQUIFER TO AID IN THE INTERPRETATION OF SUBSURFACE DATA. MISS. STATE UNIV., MISS. STATE, WATER RESOURCES RESEARCH INST., OFFICE OF WATER RESEARCH AND TECHNOLOGY, WASHINGTON, D. C., STUDY (1979). (2)

1473 CHILDRESS, SARAH CONNER, MISSISSIPPI GEOLOGIC NAMES. MISS. GEOLOGICAL, ECONOMIC AND TOPOGRAPHIC SURVEY BULL. 118, JACKSON, MS., GEOLOGICAL SURVEY (1973). (3)

THIS REPORT CONCERNING STRATIGRAPHIC NOMENCLATURE OF MISS., CONTAINS BACKGROUND MATERIAL ON ORIGINAL REFERENCES, SELECTED REFERENCES, AND COMPLETE REFERENCES ON GEOLOGIC NAMES WHICH HAVE BEEN PUBLISHED BY THE MISS. GEOLOGICAL SURVEY, AND INFORMATION ON WHAT THESE NAMES APPLY TO.

ROBERTSON, F., AND TOLMAN, C. F., EXPOSED PRECAMBRIAN ROCKS IN SOUTHEAST MISSOURI. MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, REPORT OF INVESTIGATION 44, ROLLA, MO., REPORT OF INVESTIGATION (1969). (2)


WHITFIELD, JOHN W., ENGINEERING GEOLOGY CRITERIA APPLICABLE TO SEWAGE TREATMENT LOCATIONS IN MISSOURI. MO. GEOLOGICAL SURVEY, ENGINEERING GEOLOGY SERIES 3, ROLLA, MO., GEOL SURVEY (1971). (3)

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1479 KISUARSANYI, EVA B., DATA ON PRECAMBRIAN IN DRILLHOLES OF MISSOURI INCLUDING ROCK TYPE AND SURFACE CONFIGURATION. MO. GEOLOGICAL SURVEY, REPORT OF INVESTIGATION 56, ROLLA, MO., REPORT OF INVEST. (1975). (2)

1480 HOWE, WALLACE B., AND OTHERS, CORRELATION OF CAMBRIAN STRATA OF THE OZARK AND UPPER MISS. VALLEY REGIONS. MO. GEOLOGICAL SURVEY, REPORT OF INVESTIGATION 52, ROLLA, MO., REPORT OF INVEST. (1972). (2)


1483 MCCracken, Mary H., STRUCTURAL FEATURES OF MISSOURI. MO. GEOLOGICAL SURVEY, REPORT OF INVESTIGATION 49, ROLLA, MO., REPORT OF INVEST (1971). (2)

1484 MISSOURI GEOLOGICAL SURVEY, STUDIES IN STRATIGRAPHY RI-57, ROLLA, MO. MO. GEOLOGICAL SURVEY, GEOL SURVEY (1975). (2)

This publication includes five short related reports that provide new basic information about physical characteristics and age relationships of several different rock formations. This information is needed in research projects and resource inventory and evaluation.
TENNESSEE

1485 MILLER, ROBERT A., AND MAHER, STUART W., GEOLOGIC EVALUATION OF SANITARY LANDFILL SITES IN TENNESSEE. ENVIRONMENTAL GEOLOGY SERIES 1, TENN. DIV. OF GEOLOGY, NASHVILLE, TN., GEOL SERIES 1(1972). (2)
OUTLINES AND DISCUSSES GEOLOGIC CRITERIA FOR THE LOCATING OF LANDFILLS, AND EVALUATES EACH GEOLOGIC FORMATION IN TENNESSEE ON THE BASIS OF THESE CRITERIA.

1486 RUSSELL, ERNEST E., AND PARKS, WILLIAM A., STRATIGRAPHY OF THE OUTCROPPING UPPER CRETACEOUS, PALEOCENE, AND LOWER EOCENE IN WESTERN TENNESSEE. GEOLOGIC BULL. 75, TENN. DIV. OF GEOLOGY, NASHVILLE, TN., GEOL SURVEY (1975). (2)
INCLUDES COLORED GEOLOGIC MAP IN POCKET PREPARED IN COOPERATION WITH THE U. S. GEOLOGICAL SURVEY. A DESCRIPTION OF THE LITHOLOGIC CHARACTER AND STRATIGRAPHIC RELATIONSHIPS OF THE GEOLOGIC UNITS

DESCRIBES THE RELATIONSHIPS OF ROCK UNITS IN TENN. TO MODERN TOPOGRAPHY AND THEIR HISTORICAL RECORD. INCLUDES A DESCRIPTION OF LIFE FORMS THROUGHOUT GEOLOGIC TIME IN TENN., PAST DEPOSITION ENVIRONMENTS, CLIMATE, MOUNTAIN-BUILDING, AND VOL.

TEXAS

STATE GEOLOGIC MAPS

ARKANSAS

1489 Haley, B. R., GEOLOGIC MAP OF ARKANSAS. USGS, WASHINGTON, D. C., GEOL SURVEY (1976). (2)

1490 Arkansas Geological Commission, GEOLOGIC MAP OF ARKANSAS. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., MAP (1976). (2)

1491 Arkansas Geological Commission, ARKANSAS VALLEY WELL LOCATION MAP. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., MAP (NO DATE). (2)

MAP EXTENDS FROM THE OKLAHOMA LINE TO THE MISS. EMBAYMENT AREA; SHOWING THE NAME AND LOCATION OF WILDCAT WELLS DRILLED IN THE AREA AND APPROXIMATE FIELD LOCATIONS

1492 Arkansas Geological Commission, COUNTY WELL LOCATION MAPS, EASTERN ARKANSAS. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., MAP (NO DATE). (2)

MAPS FOR EACH COUNTY SHOWING WELL LOCATION, NAME, TOTAL DEPTH, AND ELEVATION
ILLINOIS

1175 WILLMAN, H. B., AND OTHERS, GEOLOGIC MAP OF ILLINOIS, 1/500,000. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, ILL., MAP (1967). (2)

1493 ILLINOIS STATE GEOLOGICAL SURVEY, QUATERNARY DEPOSITS OF ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, IL., GEOL SURVEY (1979). (2)

MAP SIZE IS 40 X 56 INCHES. PRINTED IN COLOR TO SHOW QUATERNARY DEPOSITS TO LIE AT OR NEAR THE LAND SURFACE. LOESS THICKNESS SHOWN BY PATTERNS AND CONTOUR LINES. INCLUDES DIAGRAMMATIC CROSS SECTIONS SHOWING STRATIGRAPHIC RELATIONSHIPS OF WISCONSINIAN AND ILLINOIAN UNITS.

1494 ILLINOIS STATE GEOLOGICAL SURVEY, GLACIAL MAP OF ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, IL., GEOL SURVEY (1970). (2)

1495 ILLINOIS STATE GEOLOGICAL SURVEY, LOESS THICKNESS IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, IL., GEOL SURVEY (1970). (2)

1496 MEENTS, WAYNE, OIL AND GAS INDUSTRY IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, IL., GEOL SURVEY (1977). (2)

PRINTED IN FOUR COLORS. SHOWS LOCATIONS OF AND LISTS NAMES OF OIL AND GAS-FIELDS, PIPELINES, REFINERIES, PUMPING STATIONS, AND UNDERGROUND STORAGE.
LOUISIANA

1497 STOVER, C. W., REAGOR, B. G., AND ALGERMISSEN, S. T., SEISMICITY MAP OF THE STATE OF LOUISIANA. USGS MISCELLANEOUS FIELD STUDIES MAP NO. 1081, WASHINGTON, D. C., GEOL SURVEY (1979). (2)

1498 LOUISIANA GEOLOGICAL SURVEY, OIL AND GAS MAP OF LOUISIANA. LOUISIANA GEOLOGICAL SURVEY, BATON ROUGE, LA., GEOL SURVEY (1973). (2)

1499 LOUISIANA GEOLOGICAL SURVEY, LOUISIANA SALT DOMES. LOUISIANA GEOLOGICAL SURVEY, BATON ROUGE, LA., GEOL SURVEY (1975). (2)

MISSISSIPPI

1321 BICKER, A. R., JR., GEOLOGIC MAP OF MISSISSIPPI, 1/500,000. JACKSON, MISS., MAP (1969). (2)

1500 STOVER, C. W., REAGOR, B. G., AND ALGERMISSEN, S. T., SEISMICITY MAP OF THE STATE OF MISSISSIPPI. USGS MISCELLANEOUS FIELD STUDIES MAP NO. 1058, WASHINGTON, D. C., GEOL SURVEY (1979). (2)
MISSOURI

1054 THE MINERAL RESOURCES AND INDUSTRY MAP OF MISSOURI. 1/500,000. ROLLA, MO. MISSOURI GEOLOGICAL SURVEY, MAP (1965). (2)

1501 KISUARSANYI, EVA B., GEOLOGIC MAP OF THE PRECAMBRIAN OF MISSOURI. MO. GEOLOGICAL SURVEY, ROLLA, MO., GEOL SURVEY (1975). (2)

   AT A SCALE OF 1:1,000,000, THIS MAP SHOWS THE GENERALIZED PRECAMBRIAN SURFACE OF MISSOURI, AS DETERMINED FROM DRILLHOLE RECORDS, ROCK SAMPLES, AND MAGNETIC DATA. AN INSET MAP SHOWS INFERRED GRANITIC RING COMPLEXES IN THE ST. FRANCOIS TERRANE OF SOUTHEAST MO.

1502 MISSOURI GEOLOGICAL SURVEY, GEOLOGIC MAP OF MISSOURI, 1:500,000. MISSOURI GEOLOGICAL SURVEY, ROLLA, MO., GEOL SURVEY (1979). (2)

1503 MCCracken, Mary H., STRUCTURAL FEATURES MAP OF MISSOURI. MO. GEOLOGICAL SURVEY, ROLLA, MO., GEOL SURVEY (1971). (2)

TENNESSEE

1103 HARDeman, William D., GEOLOGIC MAP OF TENNESSEE, WEST SHEET. TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, MAP (1966). (2)

1504 PARKS, W.S., AND RUSSELL, E.E., GEOLOGIC MAP SHOWING UPPER CRETACEOUS, PALEOCENE, AND LOWER AND MIDDLE EOCENE UNITS AND DISTRIBUTION OF YOUNGER DEPOSITS IN WESTERN TENNESSEE. USGS MISCELLANEOUS INVESTIGATIONS SERIES NO. I-916, WASHINGTON, D. C., GEOL SURVEY (1975). (2)
STATE SOILS REPORTS AND SOILS MAPS

ARKANSAS

1227 SOIL CONSERVATION SERVICE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF ARKANSAS, LOUISIANA, AND MISSOURI. SOIL SURVEY INVESTIGATIONS REPORT NO. 6, WASHINGTON, D. C., REPORT NO. 6 (1966). (2) THE SOIL PROFILE IS DESCRIBED IN DETAIL AT THE TYPE LOCALITY AND PHYSICAL PROPERTY DATA SUCH AS GRAIN SIZE, ORGANIC CONTENT, AND WATER CONTENT ARE PRESENTED FOR EACH SOIL TYPE.

KENTUCKY

1212 SOIL CONSERVATION SERVICE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF KENTUCKY. SOIL SURVEY INVESTIGATIONS REPORT NO. 14, WASHINGTON, D. C., REPORT (1967). (2) THE SOIL PROFILE IS DESCRIBED IN DETAIL AT THE TYPE LOCALITY AND PHYSICAL PROPERTY DATA SUCH AS GRAIN SIZE, ORGANIC CONTENT, AND WATER CONTENT ARE PRESENTED FOR EACH SOIL TYPE.

LOUISIANA

1315 U. S. DEPT. OF AGRICULTURE, SOIL CONSERV. SER., ENGINEERING AND OTHER SELECTED USE INTERPRETATIONS, SOILS OF LOUISIANA. USDA, SOIL CONSERVATION SERVICE, INTERPRETATIONS (1968). (2) REPORT CONTAINS A TEXTURAL CLASSIFICATION OF EACH SOIL TYPE TO A DEPTH OF 48 INCHES. EACH TYPE IS RATED ACCORDING TO ITS SUITABILITY FOR SUCH PURPOSES AS HIGHWAY LOCATION, POND DEVELOPMENT, HOMESITES, AND PLAYGROUNDS.
MISSISSIPPI

1228 SOIL CONSERVATION SERVICE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF MISSISSIPPI. USDA, SOIL SURVEY INVESTIGATIONS REPORT NO. 13, WASHINGTON, D.C., REPORT (1967). (2)

THE SOIL PROFILE IS DESCRIBED IN DETAIL AT THE TYPE LOCALITY AND PHYSICAL PROPERTY DATA SUCH AS GRAIN SIZE, ORGANIC CONTENT, AND WATER CONTENT ARE PRESENTED FOR EACH SOIL TYPE.

MISSOURI

1227 SOIL CONSERVATION SERVICE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF ARKANSAS, LOUISIANA, AND MISSOURI. SOIL SURVEY INVESTIGATIONS REPORT NO. 6, WASHINGTON, D.C., REPORT NO. 6 (1966). (2)

THE SOIL PROFILE IS DESCRIBED IN DETAIL AT THE TYPE LOCALITY AND PHYSICAL PROPERTY DATA SUCH AS GRAIN SIZE, ORGANIC CONTENT, AND WATER CONTENT ARE PRESENTED FOR EACH SOIL TYPE.

TENNESSEE

1207 SOIL CONSERVATION SERVICE, USDA, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF TENNESSEE. SOIL SURVEY INVESTIGATIONS REPORT NO. 15, WASHINGTON, D.C., REPORT (1967). (2)

THE SOIL PROFILE IS DESCRIBED IN DETAIL AT THE TYPE LOCALITY AND PHYSICAL PROPERTY DATA SUCH AS GRAIN SIZE, ORGANIC CONTENT, AND WATER CONTENT ARE PRESENTED FOR EACH SOIL TYPE.
STATE WATER RESOURCES REPORTS

ARKANSAS


BLOCK DIAGRAMS SHOW THE DISTRIBUTION OF AQUIFERS AND THE QUALITY OF THE WATER IN THEM. DATA ON AQUIFER AND PUMPING TEST RESULTS ARE TABULATED AND THERE IS A BRIEF EXPLANATORY TEXT.


1507 HALBERG, H. N., USE OF WATER IN ARKANSAS. USGS OPEN FILE REPORT NO. 76-791, WASHINGTON, D. C., GEOL SURVEY (1975). (2)
1091 CARTWRIGHT, KEROS, GROUND-WATER SUPPLIES ALONG THE INTERSTATE HIGHWAY SYSTEM IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY ENVIRONMENTAL GEOLOGY NOTES 11, URBANA, ILL. NOTES (1966). (2)

THE MOST IMPORTANT PART OF THIS REPORT IS A TABLE SUMMARIZING THE WATER-YIELDING CHARACTERISTICS OF VARIOUS ROCK UNITS.

1343 BERGSTROM, R. E., AND OTHERS, GROUND-WATER RESOURCES OF THE QUATERNARY DEPOSITS OF ILLINOIS, IN - QUATERNARY OF ILLINOIS, UNIV. ILLINOIS COLLEGE AGR. SPECIAL PUBL. 14, URBANA, ILL., SPECIAL PUBL. 14 (1968). (2)

1508 OGATA, K. M., DRAINAGE AREAS FOR ILLINOIS STREAMS. USGS WATER-RESOURCES INVESTIGATION NO. 13-75, WASHINGTON, D. C., INVEST. NO. 13-75 (1975). (2)

1509 WINGER, D. E., INDEX TO WATER-RESOURCES DATA FOR ILLINOIS. USGS WATER-RESOURCE INVESTIGATION NO. 76-87, WASHINGTON, D. C., INVEST. NO. 76-87 (1976). (2)


MISSISSIPPI

1066 WASSON, B. E., SOURCE AND DEVELOPMENT OF PUBLIC AND INDUSTRIAL WATER SUPPLIES IN NORTHWESTERN MISSISSIPPI. MISSISSIPPI BOARD OF WATER COMMISSIONERS BULLETIN 65-2, JACKSON, MISS., BULLETIN (1965). (2)

A GEOLOGIC MAP, GENERALIZED GEOLOGIC SECTION, AND A WELL LOCATION MAP ARE AMONG THE MORE USEFUL INFORMATION CONTAINED IN THIS BULLETIN. LOGS OF WELLS ARE NOT PRESENTED.

1382 SHOWS, THAD N., WATER RESOURCES OF MISSISSIPPI. MISSISSIPPI GEOLOGICAL SURVEY BULLETIN 113, JACKSON, MISS., BULLETIN (1970). (2)

A STRATIGRAPHIC COLUMN, BRIEF DESCRIPTIONS OF AQUIFERS, AND RECORDS OF SELECTED WELLS (NO LOGS) ARE PRESENTED FOR EACH OF SIX AREAS OF THE STATE. WATER QUALITY DATA FOR BOTH GROUND WATER AND SURFACE WATER ARE GIVEN.

1513 WASSON, B. E., WATER RESOURCES OF THE BIG BLACK RIVER BASIN, MISSISSIPPI. USGS WATER SUPPLY PAPER 1899-F, WASHINGTON, D. C., WATER SUPPLY PAPER (1971). (2)

1514 NEWCOME, ROY JR., FORMATION FACTORS AND THEIR USE IN ESTIMATING WATER QUALITY IN MISSISSIPPI AQUIFERS. USGS WATER-RESOURCES INVESTIGATIONS NO. 2-75, WASHINGTON, D.C., INVEST. NO. 2-75 (1975). (2)

1515 NEWCOME, ROY JR., THE MIocene AQUIFER SYSTEM IN MISSISSIPPI. USGS WATER-RESOURCES INVESTIGATION NO. 46-75, WASHINGTON, D. C., GEOL SURVEY (1975). (2)

1516 CALLAHAM, J. A., WATER USE IN MISSISSIPPI. USGS WATER-RESOURCES INVESTIGATIONS NO. 76-125, WASHINGTON, D. C., GEOL SURVEY (1975). (2)
1517 SPIERS, C. A., THE COCKFIELD AQUIFER IN MISSISSIPPI. USGS WATER-RESOURCES INVESTIGATIONS NO. 77-17, WASHINGTON, D.C., INVEST. NO. 77-17 (1977). (2)

1518 BOSWELL, E. H., THE EUTAW-MCSHAN AQUIFER IN MISSISSIPPI. USGS WATER-RESOURCES INVESTIGATIONS NO. 76-134, WASHINGTON, D.C., INVEST. NO. 76-134 (1976). (2)


1520 BOSWELL, E. H., THE LOWER WILCOX AQUIFER IN MISSISSIPPI. USGS WATER-RESOURCE INVESTIGATION NO. 60-75, WASHINGTON, D.C., INVEST. NO. 60-75 (1975). (2)

1521 NEWCOME, ROY, JR., THE SPARTA AQUIFER SYSTEM IN MISSISSIPPI. USGS WATER-RESOURCE INVESTIGATION NO. 76-7, WASHINGTON, D.C., INVEST. NO. 76-7 (1976). (2)


MISSOURI


THIS ATLAS, CONSISTING OF FOUR SHEETS, DESCRIBES THE AVAILABILITY, DISTRIBUTION, AND QUALITY OF BOTH GROUND WATER AND SURFACE WATER FOR A 21-COUNTY AREA.

1528 SKELTON, JOHN. FLOOD VOLUME DESIGN DATA FOR MISSOURI STREAMS. MO. GEOLOGICAL SURVEY, WATER RESOURCE REPORT 28, ROLLA, MO., REPORT (1973). (2)


1530 BARKS, JAMES H., WATER-QUALITY CHARACTERISTICS OF SIX SMALL LAKES IN MISSOURI. MO. GEOLOGICAL SURVEY, WR-33, ROLLA, MO., GEOL SURVEY (1976). (2)

APPROXIMATELY 3,000 LAKES (WITH SURFACE AREA OF FROM 5 TO 1,000 ACRES) HAVE ALREADY BEEN CONSTRUCTED IN MISSOURI AND ABOUT 150 NEW ONES ARE BEING BUILT EACH YEAR. THIS REPORT PRESENTS RESULTS OF WATER-QUALITY STUDIES OF SIX SMALL LAKES IN MO. AND DISCUSSES THE ENVIRONMENTAL FACTORS THAT DETERMINED THEIR CHARACTERISTICS.

1531 SKELTON, JOHN, MISSOURI STREAM AND SPRINGFLOW CHARACTERISTICS: LOW FLOW FREQUENCY AND FLOW DURATION. MO. GEOLOGICAL SURVEY, WR-32, ROLLA, MO., GEOL SURVEY (1976). (2)

THIS REPORT UPDATES AVAILABLE LOW-FREQUENCY AND FLOW-DURATION INFORMATION, PROVIDES ADDITIONAL DATA, AND MAKES A FREQUENCY ANALYSIS OF SEEPAGE-RUN DATA FOR USE BY WATER MANAGERS, PLANNERS, AND OTHERS.

1532 HARRIS, BARBARA. WATER IN MISSOURI. MO. GEOLOGICAL SURVEY, ES-5, ROLLA, MO., GEOL SURVEY (1979). (2)

TENNESSEE


STATE MINERAL RESOURCES REPORTS

ARKANSAS


ITEMS DISCUSSED INCLUDE ENGINEERING, GEOLOGICAL, AND ECONOMIC FEATURES (BY COUNTIES); MINERAL RESERVES AND RESOURCES; USES AND MARKETS; AND THE CURRENT STATUS AND FUTURE POTENTIAL OF MINERAL COMMODITIES.

1537 CLARDY, BENJAMIN F., ARKANSAS LIGNITE INVESTIGATIONS, (PRELIMINARY REPORT). ARKANSAS GEOLOGIC COMMISSION, REPORT (1978). (2)

LOUISIANA

1367 DIXON, L. H., AND TYRRELL, M. E., OCCURRENCE, TEST DATA, AND EVALUATION OF CLAY FOR MAKING LIGHTWEIGHT AGGREGATE. LOUISIANA GEOLOGICAL SURVEY, CLAY RESOURCES BULLETIN 2, BATON ROUGE, LA., CLAY RESOURCES BULLETIN 2 (1969). (2)

1538 ROLAND, H. L., JR., AND OTHERS, LIGNITE-EVALUATION OF NEAR SURFACE DEPOSITS IN NORTHWEST LOUISIANA. LA. GEOLOGICAL SURVEY MINERAL RESOURCE BULLETIN 2, BATON ROUGE, LA., BULLETIN (1976). (2)

1539 DIXON, L. H., AND TYRRELL, M. E., OCCURRENCE, TEST DATA AND EVALUATION OF CLAY FOR MAKING STRUCTURAL CLAY PRODUCTS. LA. GEOLOGICAL SURVEY CLAY RESOURCES BULLETIN 3, BATON ROUGE, LA., BULLETIN (1972). (2)

1540 LOUISIANA GEOLOGICAL SURVEY, A LIST OF LA. OIL AND GAS FIELDS AND SALT DOMES INCLUDING OFFSHORE AREAS SHOWING OFFICIAL ABBREVIATIONS FOR RESERVOIR WIDE UNITS, BATON ROUGE, LA. LOUISIANA GEOLOGICAL SURVEY, GEOL SURVEY (1976). (2)
MISSISSIPPI


PRODUCTION DATA AND GEOGRAPHIC AND GEOLOGIC DISTRIBUTIONS ARE INCLUDED FOR 28 MINERALS. A COLORED NORTH-SOUTH CROSS SECTION AND STRATIGRAPHIC COLUMN ARE INCLUDED.

1541 BICKER, ALVIN R., JR., AND MAY, JAMES H., AGRICULTURAL LIME IN CENTRAL MISSISSIPPI. MISS. GEOLOGICAL SURVEY, INFORMATION SERIES MGS-77-1, JACKSON, MS., GEOL SURVEY (1977). (2)

A REPORT ON THE STRATIGRAPHY, AREAL EXTENT, LIMESTONE THICKNESS, OVERBURDEN THICKNESS, AND QUALITY OF LIMESTONE ALONG THE OLIGOCENE OUTCROP IN MISSISSIPPI.

1542 WILLIAMSON, DAVID RAY, AN INVESTIGATION OF THE TERTIARY LIGNITES OF MISSISSIPPI. MISS. STATE GEOLOGICAL SURVEY, INFORMATION SERIES MGS-74-1, JACKSON, MS., GEOL SURVEY (1976). (2)

A REPORT ON STRATIGRAPHY, DEPOSITIONAL ENVIRONMENTS, NATURE OF DEPOSITS DESCRIBED FOR LIGNITES IN THE TERTIARY SYSTEM IN MISS. TABULATIONS OF LIGNITE OUTCROPS, DRILL HOLES INTERCEPTING SEAMS, ANALYSIS OF SAMPLES, DESCRIPTIONS OF 98 TEST AND CORE HOLES DRILLED IN 19 COUNTIES.

1236 USGS AND OTHERS. MINERAL AND WATER RESOURCES OF MISSOURI. MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, VOL 43, GEOLOGICAL SURVEY (1967). (2) THIS IS A COMPREHENSIVE SURVEY OF THE RESOURCES OF THE STATE WITH NUMEROUS MAPS AND CHARTS.

1544 ROBERTSON, CHARLES E., EVALUATION OF MISSOURI'S COAL RESOURCES. MO. GEOLOGICAL SURVEY, REPORT OF INVESTIGATION 48, ROLLA, MO., GEOL SURVEY (1971). (2)

1545 ROBERTSON, CHARLES E., MINEABLE COAL RESERVES MISSOURI. MO. GEOLOGICAL SURVEY, REPORT OF INVESTIGATION 54, ROLLA, MO., GEOL SURVEY (1973). (2)

TEXAS


1548 MILLER, ROBERT A., GEOLOGIC HAZARDS MAP OF TENNESSEE. ENVIRONMENTAL GEOLOGY SERIES 5, TENN. DIV. OF GEOLOGY, NASHVILLE, TN., GEOL SERIES 5(1978). (2) SHOWS MAJOR GEOLOGIC HAZARDS KNOWN TO EXIST IN TENNESSEE. FLOOD-PRONE AREAS ARE NOT SHOWN BUT ARE DISCUSSES IN THE LEGEND. EARTHQUAKE RISK ZONES ARE NOTED AND AREAS OF POTENTIAL LANDSLIDES ARE OUTLINED, AS WELL AS SINKHOLE COLLAPSE AND SETTING.

Discusses the history of earthquakes in and near Tennessee, their causes, the geologic setting, measurement, and predictability of future events, and planning process as it relates to seismic risks and safety features.


1551 STEARNS, R. G., AND WILSON, C. W., JR., RELATIONSHIPS OF EARTHQUAKES AND GEOLOGY IN WEST TENNESSEE AND ADJACENT AREAS. TENNESSEE VALLEY AUTHORITY, KNOXVILLE, TN., GEOL REPORT (1972). (0)

1552 STAUDER, WILLIAM AND OTHERS, SEISMIC CHARACTERISTICS OF SOUTHEAST MISSOURI AS INDICATED BY A REGIONAL TELEMETERED MICROEARTHQUAKE ARRAY. SEISMOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 66, NO. 6, BULLETIN (1964). (5)

1553 NUTTLI, OTTO, W., MAGNITUDE-RECURRENCE RELATION FOR CENTRAL MISS. VALLEY EARTHQUAKES. SEISMOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 64, NO. 4, BULLETIN (1974). (0)


1557 RUSS, DAVID P., LATE HOLOCENE FAULTING AND EARTHQUAKE RECURRENCE IN THE REELFOOT LAKE AREA, NORTHWESTERN, TN. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, PART 1, VOL 90, BULLETIN (1979). (5)
ALSO SHOWN ON PLATE B10.

1558 RUSS, D. P., AND OTHERS, MAP OF EXPLORATORY TRENCH ACROSS REELFOOT SCARF, NORTHWESTERN TN. USGS, MISCELLANEOUS FIELD STUDIES MAP, MF-905, GEOL SURVEY (1978). (2)
ALSO SHOWN ON PLATE B10.

1559 ZOBACK, MARK D., RECURRENT FAULTING IN THE VICINITY OF REELFOOT LAKE, NORTHWESTERN, TN. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, PART 1, VOL 90, BULLETIN (1979). (5)
ALSO SHOWN ON PLATE B10.

THIS REPORT SUMMARIZES PROGRESS ON A STUDY OF THE EARTHQUAKE RISK IN CRITTENDEN COUNTY, AR, DESOTO COUNTY, MS, AND SHELBY COUNTY, TN. ALSO SHOWN ON PLATES B11, B12, B14 AND B15.


THIS ISSUE CONTAINS A SUMMARY OF THE STRONG-MOTION RECORDS RECOVERED DURING THE PERIOD APRIL 1 TO JUNE 30, 1976.


1572 HEYL, A. V., AND MCKEOWN, F. A., PRELIMINARY SEISMOTECTONIC MAP OF THE CENTRAL MISS. VALLEY AND ENVIRONS. USGS MISCELLANEOUS FIELD STUDIES MAPS NO. 1011, WASHINGTON, D.C., FIELD STUDIES MAPS (1978). (0)

1573 HAMILTON, R. M., EARTHQUAKE HAZARDS REDUCTION PROGRAM—FISCAL YEAR 1978 STUDIES—. SUPPORTED BY THE USGS, USGS CIRCULAR NO. 780, WASHINGTON, D.C., CIRCULAR (1978). (0)

THE FY 1978 EARTHQUAKE HAZARDS REDUCTION PROGRAM IS GREATLY EXPANDED OWING TO PASSAGE OF THE EARTHQUAKE HAZARDS REDUCTION ACT OF 1977 IN RESPONSE TO INCREASED CONCERN ABOUT EARTHQUAKE HAZARDS. PROGRAM BALANCE, SCOPE, AND ACTIVITIES ARE DESCRIBED.
LOESS


Of the several sections, those concerned with thickness and areal distribution and stratigraphy are of most interest to the engineer.


This is a comprehensive treatment of the subject which includes data on stratigraphy, mineralogy, cementation, ground-moisture regime, and particularly physical properties and engineering considerations.

1246 Daniels, R. B., and Young, K. K., Loess in southcentral Louisiana. Southeastern Geology, Vol 9, No. 1, Southeastern Geol., Vol 9 (1968). (5)

Silt deposits overlying Pleistocene terrace deposits along the western side of the Mississippi alluvial valley are described and reasons for designating them loess are presented.

GLASS, H. D., AND OTHERS, CLAY MINERAL COMPOSITION, A SOURCE INDICATOR OF MIDWEST LOESS. UNIV. ILLINOIS COLLEGE AGRI. SPECIAL PUBL. 14, URBANA, ILL., SPECIAL PUBL. 14 (1968). (2)
MINERALOGY AND PETROLOGY


Of the several sections, those concerned with thickness and areal distribution and stratigraphy are of most interest to the engineer.


Although this article is mainly concerned with mineralogy, descriptions of soil profiles and selected geologic sections are of value to the engineer or geologist.


Two cores from the damsite were selected for a megascopic and microscopic study of structures, grain size, sorting, and mineral composition to determine the source area and the environment of deposition.

1177 Ainsworth, B.D., Mineralogical and Grain-Size Data on Selected Samples from the Forest Hill Formation in Western Mississippi. U.S. Army Engineer Waterways Experiment Station, Miscellaneous Paper No. 6-916, Vicksburg, Ms., Miscellaneous Paper No.6-916(1967). (2)

This study includes the results of mineralogy, particle-size distribution, Atterberg limits, hydrometer analysis, and other tests performed on selected samples from the Forest Hill Formation.

HUNTER, RALPH E., HEAVY MINERALS OF THE CRETACEOUS AND TERTIARY SANDS OF EXTREME SOUTHERN ILLINOIS. ILLINOIS GEOLOGICAL SURVEY CIRCULAR 428, URBANA, IL., SURVEY CIRCULR 428(1968). (2)

THE PRINCIPAL SAND UNITS OF THE AREA ARE DESCRIBED BRIEFLY; HOWEVER, MOST OF THEREPORT IS CONCERNED WITH THE MINERALOGIC COMPOSITION OF SPECIFIC SAMPLES.


PETROGRAPHIC, GEOCHEMICAL, X-RAY, AND ELECTRON-MICROSCOPIC TECHNIQUES WERE USED TO INVESTIGATE THE ORIGIN OF THE NOVACULITE. BRIEF DESCRIPTIONS OF THE FORMATIONS ARE INCLUDED IN THE ARTICLE.


X-RADIOGRAPHIC EXAMINATIONS OF SAMPLES OF ALLUVIAL SOILS SUCH AS PRODELTA AND BACKSWAMP DEPOSITS WERE MADE TO CORRELATE VARIATIONS IN STRENGTH PROPERTIES WITH GEOLOGIC FEATURES SUCH AS FRACTURES, BEDDING, AND ROOT DISTURBANCE.

GUIDEBOOKS

ARKANSAS

1213 ARKANSAS GEOLOGICAL COMMISSION, FIELD TRIP GUIDE BOOK, CENTRAL ARKANSAS. ECONOMIC GEOLOGY AND PETROLOGY, LITTLE ROCK, ARK., GUIDE BOOK (1967). (2)
    THIS GUIDEBOOK IS CONCERNED WITH THE AREA BETWEEN LITTLE ROCK AND HOT SPRINGS AND CONTAINS DESCRIPTIONS OF MINES AND MINERALS.

    INCLUDES 13 PAPERS ON THE STRATIGRAPHY, SEDIMENTOLOGY, PETROGRAPHY, TECTONICS, AND PALEONTOLOGY OF THE AREA.

1576 BUSH, WILLIAM V., AND OTHERS, A GUIDEBOOK TO THE ATOKA FORMATION IN AMERICA. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., BOOK (1978). (2)

1577 HEADRICK, KATHERIN, AND WISE, ORVILLE, A., CONTRIBUTIONS TO THE GEOLOGY OF THE OZARKS. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., BOOK (1975). (2)


1580 GEOL SOCIETY OF AMERICA FIELD TRIP GUIDEBOOK, A GUIDEBOOK TO LOWER AND MIDDLE ORDOVICIAN STRATA OF NORTHEASTERN ARKANSAS AND GENERALIZED LOG OF ROUTE FROM LITTLE ROCK TO BATESVILLE, ARK. GEOLOGICAL SOCIETY OF AMERICA FIELD TRIP GUIDEBOOK, BOOK (1973). (2)
1581 HALEY, BOYD R., AND OTHERS, GEOLOGICAL FIELD TRIP EXCURSION ON LAKE OUACHITA. GEOLOGICAL FIELD TRIP EXCURSION, BOOK (1973). (2)

ILLINOIS


DESCRIPTIONS OF EXPOSURES FORM THE BASIC PART OF THIS REPORT. A GEOLOGIC MAP, CROSS SECTIONS, AND A COLUMNAR SECTION ARE ALSO INCLUDED.


LOUISIANA


* This brief guidebook contains geologic sections at several of the larger construction sites in the city.

MISSOURI


* This is a well-prepared and detailed guidebook containing geologic descriptions of quarries and several short articles.

1584 MISSOURI GEOLOGICAL SURVEY, STUDIES IN PRECAMBRIAN GEOLOGY WITH A GUIDE TO SELECTED PARTS OF THE ST. FRANCOIS MOUNTAINS. MISSOURI GEOLOGICAL SURVEY, BOOK (1976). (2)

* Prepared for use during the 23rd annual meeting and field trip of the assoc. of Missouri geologists, this publication emphasizes results of recent investigations of Missouri's ancient igneous rocks and the variety of approaches and methods being used.


* This guidebook has numerous illus. and is designed for use by the nongeologist as well as the professional geologist. Brief accounts of historic areas along I-55 are included also.

A45
TENNESSEE

158b TENNESSEE DIVISION OF GEOLOGY, FIELD TRIPS IN WEST TENNESSEE. REPORTS OF INVESTIGATIONS 36, TENN. DIV. OF GEOLOGY, NASHVILLE, TN., BOOK (1975). (2)
A GUIDE TO SOUTHEASTERN GSA FIELD TRIPS FOR 1975.
WELL LOG COMPILATIONS

1085 MILHOUS, H. C., WELL LOGS IN TENNESSEE. TENNESSEE DEPARTMENT OF CONSERVATION AND COMMERCE BULLETIN 62, NASHVILLE, TENN., BULLETIN (1959). (2)

1088 MOREY, PHILIP S., INDEX TO WELL SAMPLES AND CORES, REVISED THROUGH 1962. THE UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, AUSTIN, TX, INDEX (1963). (2)


1324 MAY, J. R., WATER-RESOURCES DATA FOR ARKANSAS, GROUND-WATER RECORDS FOR ARKANSAS COUNTY. ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., RECORDS (1968). (2)


This report does not contain drillers' logs of wells; however, such information as elevations of sands, sieve analyses, etc. are included.

1412 DIAL, DON C., WATER SUPPLIES IN LOUISIANA. BASIC RECORDS REPORT 3, LOUISIANA DEPARTMENT OF PUBLIC WORKS, BATON ROUGE, LA., RECORDS REPORT 3 (1970). (2)

Among other information, contains well logs, mechanical analyses of sand samples, and aquifer-test results.
A LISTING OF ALL TENNESSEE WELLS THROUGH 1974 THAT ARE ON FILE WITH THE DIVISION OF GEOLOGY.

1588 MCGREGOR, MICHAEL E., AND OTHERS, ELECTRICAL LOGS OF WATER WELLS AND TEST HOLES ON FILE OF THE MISS. GEOLOGICAL SURVEY. MISS. GEOLOGICAL SURVEY, INFORMATIONS SERIES MGS-71-1, JACKSON, MS., INFORMATION SERIES (1971). (2)
THIS REPORT CONTAINS A MAP OF EACH COUNTY IN THE STATE SHOWING LOCATIONS WELLS IN EACH COUNTY FOR WHICH THE SURVEY HAS ELECTRICAL LOGS.

1589 BICKER, ALVIN R., JR., SALT WATER DISPOSAL WELLS IN MISSISSIPPI. MISS. GEOLOGICAL SURVEY, INFORMATION SERIES MGS-72-4, JACKSON, MS., INFORMATION SERIES (1972). (2)
A REPORT ON THE HISTORY, COMPLETION OF DISPOSAL WELLS AND THE GEOLOGY OF THE MAJOR DISPOSAL ZONES.


1591 TEXAS BUREAU OF ECONOMIC GEOLOGY, CATALOG OF ALL WELLS IN WELL DATA FILE (CORE AND CORE CHIPS ONLY). A COMPUTER PRINTOUT TO BE UPDATED MONTHLY, INDEX SERIES, AUSTIN, TX., INDEX SERIES. (1979). (0)
BIBLIOGRAPHIES AND INDEXES

GENERAL


1416 U. S. GEOLOGICAL SURVEY, BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY, 1968. GEOLOGICAL SURVEY BULLETIN 1268, WASHINGTON, D. C., SURVEY BULLETIN (1971). (2)

ARKANSAS

1313 FINGER, CHARLES, BIBLIOGRAPHY, WATER AND LAND RESOURCES OF ARKANSAS. ARKANSAS SOIL AND WATER CONSERVATION COMMISSION, LITTLE ROCK, ARK., REFERENCE LIST (1967). (1)

A FEW BASIC REFERENCES ARE LISTED FOR CATEGORIES SUCH AS GEOCHEMISTRY, GEOLOGY, GROUND WATER, HYDROLOGY, RUNOFF, AND SEDIMENTATION.

ILLINOIS

1069 LAMAR, J. E., ANNOTATED SELECTED LIST OF INDUSTRIAL MINERALS PUBLICATIONS. ILLINOIS STATE GEOLOGICAL SURVEY INDUSTRIAL MINERALS NOTES NO. 25, URBANA, ILL., NOTES (1966). (2)

1281 WILLMAN, H. B., AND OTHERS, BIBLIOGRAPHY AND INDEX OF ILLINOIS GEOLOGY THROUGH 1965. ILLINOIS STATE GEOLOGICAL SURVEY BULLETIN 92, URBANA, ILL., SURVEY BULLETIN (1968). (2)

1605 LAMAR, J. E., SELECTED AND ANNOTATED LIST OF INDUSTRIAL MINERALS PUBLICATIONS OF THE ILLINOIS STATE GEOLOGICAL SURVEY. ILLINOIS STATE GEOLOGICAL SURVEY, INDUSTRIAL MINERAL NOTES 45, URBANA, IL., NOTES (1972). (2)
KENTUCKY

1107 JILLSON, WILLARD R., A BIBLIOGRAPHY OF THE MINERAL RESOURCES OF KENTUCKY. ROBERTS PRINTING CO., FRANKFORT, KY., ROBERTS PRINTING CO. (1966). (2)

1606 KENTUCKY GEOLOGICAL SURVEY, STATUS OF TOPOGRAPHIC MAPPING REVISION PROGRAM IN KENTUCKY. KENTUCKY GEOLOGICAL SURVEY, GEO SURVEY (1979). (0)

1607 KENTUCKY, INDEX TO FLOOD-PRONE AREA MAPS FOR KENTUCKY AND INDEX TO HYDROLOGIC ATLASES FOR KENTUCKY. KENTUCKY GEOLOGICAL SURVEY, INDEX (1979). (2)

1608 KENTUCKY GEOLOGICAL SURVEY, INDEX TO GEOLOGIC MAPS FOR KENTUCKY. KENTUCKY GEOLOGICAL SURVEY, INDEX (1980). (2)

GEOLOGIC MAPS ARE ON 7.5-MINUTE QUADRANGLES WITH SCALE OF 1:24,000. THE KENTUCKY GEOLOGIC MAPPING PROGRAM WAS COMPLETED IN 1978.

MISSISSIPPI


GENERAL.


GENERAL (SEPARATE LISTING).


1378 STOUT, L. N., INDEX TO MISSOURI AREAL GEOLOGIC MAPS, 1890-1969. MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, INFORMATION CIRCULAR 22, ROLLA, MO., INFORMATION CIRCULAR 22 (1969). (2)

PUBLISHED AND UNPUBLISHED GEOLOGIC, RECONNAISSANCE GEOLOGIC, AND OUTCROP MAPS ARE Indexed BY 1 DEG BY 2 DEG REGIONS


1417 STOUT, L. N., INDEX TO MISSOURI AREAL GEOLOGIC MAPS, 1890-1969. MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, INFORMATION CIRCULAR 22, INFORMATION CIRCULAR 22 (1969). (2)
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<td>Wilson, C. W., JR.</td>
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<td>INDEX (1972). (0)</td>
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TEXAS


1611 FISHER, W. L., AND BROWN, L. F., JR., CLASTIC DEPOSITIONAL SYSTEMS-A GENETIC APPROACH TO FACIES ANALYSIS, AN ANNOTATED OUTLINE AND BIBLIOGRAPHY. TEXAS BUREAU OF ECONOMIC GEOLOGY, EDUCATIONAL MATERIALS, AUSTIN, TX., 1972, ANNOTATED OUTLINE (1975). (2)


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PLATE B1 - PEORIA


PLATE B2 - MORERLY

1244 GENTILE, RICHARD J., MINERAL COMMODITIES OF MACON AND RANDOLPH COUNTIES. MISSOURI GEOLOGICAL SURVEY REPORT OF INVESTIGATIONS NO. 40, ROLLA, MO., REPORT OF INVESTIGATIONS (1967). (2)

1072 HOWARD, R. H., OIL AND GAS IN THE ADAMS-BROWN-SCHUYLER COUNTY AREA, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 325, URBANA, IL., SURVEY CIRCULAR 325 (1961). (2)

THIS CIRCULAR IS OF VALUE PRINCIPALLY BECAUSE OF THE INCLUDED GENERALIZED COLUMNAR SECTION AND STRUCTURE MAP.


1222 AARONSON, DONALD B., A GEOLOGIC MAP OF A PART OF MARION COUNTY, MISSOURI. UNPUBLISHED THESIS, UNIVERSITY OF IOWA, IOWA CITY, IOWA, UNPUBLISHED THESIS (1966). (4)

1248 FEHRENBACKER, J. B., AND DOWNEY, C. E., SOIL SURVEY JERSEY COUNTY, ILLINOIS. UNIVERSITY OF ILLINOIS AGRICULTURAL EXPERIMENT STATION, SOIL REPORT 84, URBANA, ILL., SOIL REPORT 84 (1966). (2)

1256 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE WESTERN ILLINOIS REGION. ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 19, URBANA, ILL., ECONOMICS BRIEF 19 (1967). (2)

PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRISE THE GREATER PART OF THIS REPORT.

1300 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, MCGEE CREEK DRAINAGE AND LEVEE DISTRICT, ILLINOIS RIVER, LOCAL FLOOD PROTECTION. DESIGN MEMORANDUM NO. 1, GENERAL DESIGN, ST. LOUIS, MO., DESIGN MEMORANDUM NO. 1 (1968). (6)


This report contains formational descriptions, chemical analyses, outcrop descriptions, and a bedrock geologic map.


I-1204 MAJOR, ROBERT L., MINERAL RESOURCES AND MINING INDUSTRIES OF THE EAST-CENTRAL ILLINOIS REGION. ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 15, URBANA, ILL., ECONOMICS BRIEF 15 (1967). (2) PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRIS THE GREATER PART OF THIS REPORT.

1253 CARTWRIGHT, E. AND KRAATZ, P., HYDROGEOLOGY AT SHELBYVILLE, ILLINOIS--A BASIS FOR WATER RESOURCES PLANNING. ILLINOIS STATE GEOLOGICAL SURVEY, ENVIRONMENTAL GEOLOGY NOTES EGN 15, URBANA, ILL., ENVIRON. GEOLOGY NOTES EGN 15 (1967). (2)


1262 SANDERSON, E. W., GROUNDWATER AVAILABILITY IN SHELBY COUNTY.. ILLINOIS STATE WATER SURVEY, CIRCULAR 92, URBANA, ILL., CIRCULAR 92 (1967). (2) THE GEOLOGY OF THE COUNTY AREA IS DESCRIBED BRIEFLY BUT MOST OF THE REPORT IS DEVOTED TO A DISCUSSION OF WELL CONSTRUCTION. NO GEOLOGIC MAP OR LOGS OF WELLS ARE INCLUDED.


1619 HESTER, N. C., SAND AND GRAVEL RESOURCES OF SANGAMON COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 452, URBANA, ILL., CIRCULAR (1970). (2)
1620  CLEGG, R. E., SUBSURFACE GEOLOGY AND COAL RESOURCES OF THE PENNSYLVANIANA SYSTEM IN DEWITT, MCLEAN, AND PIATT COUNTIES, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 477, URBANA, IL., CIRCULAR (1972). (2)

1621  WICKHAM, JERRY P., GLACIAL GEOLOGY OF NORTH-CENTRAL AND WESTERN CHAMPAIGN COUNTY, ILLINOIS. ILLINOIS GEOLOGICAL SURVEY, CIRCULAR 506, URBANA, IL., CIRCULAR (1979). (2)

IN ADDITION TO DETAILED DISCUSSIONS OF THE GEOMORPHOLOGY AND STRATIGRAPHY OF THE AREA, THE STUDY CONTAINS LOGS OF BORINGS, CROSS SECTIONS, A BEDROCK CONTOUR MAP, AND A GEOLOGIC MAP.

BAXTER, JAMES W., LIMESTONE RESOURCES OF MADISON COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 390, URBANA, IL., SURVEY CIRCULAR 390 (1965). (2)

THIS SHORT CIRCULAR CONTAINS A GEOLOGIC COLUMN, A BEDROCK GEOLOGY MAP, DESCRIPTIONS OF FORMATIONS AND SAMPLE LOCALITIES, CROSS SECTIONS, AND STRATIGRAPHIC DESCRIPTIONS.

MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE EAST ST. LOUIS REGION, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY MINERAL ECONOMICS BRIEF NO. 12, URBANA, IL., ECONOMICS BRIEF NO. 12 (1966). (2)

PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRISE THE GREATER PART OF THIS REPORT.

LAUNDRUM, J. D., A FOUNDATION INVESTIGATION OF CHEROKEE CAVE UNDER ROUTE I-55, CITY OF ST. LOUIS. PROCEEDINGS 15TH ANNUAL HIGHWAY GEOLOGY SYMPOSIUM, MISSOURI DIVISION OF GEOLOGICAL SURVEY AND WATER RESOURCES, ROLLA, MO., 15TH ANN. HIGHWAY GEOL SYMP. (1964). (2)

THIS REPORT CONTAINS AN INTERESTING DISCUSSION OF METHODS USED TO LOCATE THE CAVE AND POSSIBLE REMEDIAL MEASURES.


1138 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, PRAIRIE DU PONT LEVEE AND SANITARY DISTRICT, INCLUDING FISH LAKE DRAINAGE AND LEVEE DISTRICT, MONROE AND ST. CLAIR COUNTIES, ILL. DESIGN MEMORANDUM NO. 1, GEN. DESIGN MEMORANDUM NO. 1(1966). (6)


1196 MISSOURI SPELEOLOGICAL SURVEY, INC., ST. LOUIS COUNTY CAVES. MISSOURI SPELEOLOGY, VOL. 8, NO. 1. MISSOURI SPELEOLOGY, VOL. 8(1966). (5) TWENTY-ONE CAVES IN THE COUNTY ARE LOCATED, ILLUSTRATED WITH SKETCHES, AND BRIEFLY DESCRIBED. SOME GEOLOGICAL DATA ARE INCLUDED.

THE STRATIGRAPHY, STRUCTURE, AND PHYSIOGRAPHY OF THE AREA ARE DESCRIBED AND ILLUSTRATED IN DETAIL.


1248. FEHRENBACKER, J. R., AND DOYNE, C. E., SOIL SURVEY JERSEY COUNTY, ILLINOIS. UNIVERSITY OF ILLINOIS AGRICULTURAL EXPERIMENT STATION, SOIL REPORT 84, URBANA, ILL., SOIL REPORT 84 (1966). (2)


1336. LUTZEN, E. E., ENGINEERING GEOLOGY OF THE MAXVILLE QUADRANGLE, JEFFERSON AND ST. LOUIS COUNTIES, MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, ENGINEERING GEOLOGY SERIES 1, ROLLA, MO., ENGINEERING GEOLOGY SERIES 1 (1968). (2)
A previously unrecognized fault zone was identified from side-looking radar imagery and verified by a field examination.

This report contains formational descriptions, chemical analyses, outcrop descriptions, and a bedrock geologic map.

This report contains formational descriptions, chemical analyses, outcrop descriptions, and a bedrock geologic map.


Inventory of physical and cultural elements, Middle Miss. River floodplain. U. S. Army Engineer Waterways Experiment Station, Misc. paper, Vicksburg, MS., Misc. paper (also on plate B8) (1975). (2)
1624 JACOBS, A. M., GEOLOGY FOR PLANNING IN ST. CLAIR COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 465, URBANA, IL., CIRCULAR (1971). (6)

1625 ODOM, I. E., CLAY AND SHALE RESOURCES OF MADISON, MONROE, AND ST. CLAIR COUNTIES, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY, INDUSTRIAL MINERAL NOTES 45, URBANA, IL., NOTES (1971). (6)

  
  THE DIVERSE NATURE OF THE GEOLOGY, SURFICIAL MATERIALS, BEDROCK, TOPOGRAPHY, AND HYDROLOGY OF ST. CHARLES COUNTY ARE IMPORTANT TO ITS DEVELOPMENT.

1627 LUTZEN, EDWIN E., AND ROCKAWAY, JOHN D., JR., ENGINEERING GEOLOGY OF ST. LOUIS COUNTY, MISSOURI. MO. GEOLOGICAL SURVEY, ENGINEERING GEOLOGY SERIES 4, ROLLA, MO., GEOL SURVEY (1971). (2)


1629 ILLINOIS STATE GEOLOGICAL SURVEY, ROAD MATERIALS RESOURCES MAPS, URBANA, ILL. ILLINOIS STATE GEOLOGICAL SURVEY, GEOL SURVEY (NO DATE). (2)
  
  SHOWS SAND, GRAVEL, AND LIMESTONE RESOURCES, AVAILABLE FOR MOST COUNTIES.

   DESIGN MEMO #1, HYDROLOGY. DESIGN MEMO #2, GENERAL DESIGN MEMO. DESIGN MEMO #4, AVAILABILITY OF CONSTRUCTION MATERIALS. DESIGN MEMO #7, COFFERDAM. DESIGN MEMO #8, ARCHITECTURAL TREATMENT & SITE DEVELOPMENT. DESIGN MEMO #9, DAM.


1633 MONTGOMERY, R. L., INVESTIGATION OF RELIEF WELLS, MISS. RIVER LEVEES, ALTON TO GALE, IL. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, MISC. PAPER NO. S-72-21, VICKSBURG, MS., MISC. PAPER (1972). (2)
PLATE B6 - BELLEVILLE

1071 BAXTER, JAMES W., LIMESTONE RESOURCES OF MADISON COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 390, URBANA, IL., SURVEY CIRCULAR 390 (1965). (2)
   THIS SHORT CIRCULAR CONTAINS A GEOLOGIC COLUMN, A BEDROCK GEOLOGY MAP, DESCRIPTIONS OF FORMATIONS AND SAMPLE LOCALITIES, CROSS SECTIONS, AND STRATIGRAPHIC DESCRIPTIONS.

1082 BRADBURY, J. C., LIMESTONE RESOURCES OF JEFFERSON AND MARION COUNTIES, IL. ILLINOIS STATE GEOLOGICAL SURVEY INDUSTRIAL MINERALS NOTES 23, URBANA, IL., NOTES (1965). (2)
   THIS REPORT CONTAINS BRIEF DESCRIPTIONS OF EXPOSED STRATA AND SAMPLE SITES.

1087 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE EAST ST. LOUIS REGION, IL. ILLINOIS STATE GEOLOGICAL SURVEY MINERAL ECONOMICS BRIEF NO. 12, URBANA, IL., ECONOMICS BRIEF NO. 12 (1966). (2)
   PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRISE THE GREATER PART OF THIS REPORT.

1124 U. S. ARMY ENGINEER DISTRICT, MOBILE, CE, CARLYLE RESERVOIR, KASKASKIA RIVER, ILLINOIS. DESIGN MEMORANDUM NO. 6C-4, RELOCATION OF TEXACO, INC. WATER WELL SYSTEM, MOBILE, ALA., DESIGN MEMORANDUM NO. 6C-4 (1961). (6)


MAJOR: ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE SOUTHEASTERN IL. REGION. ILLINOIS STATE GEOLOGICAL SURVEY. MINERAL ECONOMICS BRIEF 14, URBANA, IL., ECONOMICS BRIEF (1966). (2)

PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRIZE THE GREATER PART OF THIS REPORT.

1391 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER. NAVIGATION PROJECT, MOUTH TO FAYETTEVILLE. DESIGN MEMORANDUM NO. 5, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., DESIGN MEMORANDUM NO. 5 (1967). (6)

PLATE B7 - ROLLA

1073 LEMMON, ROBERT D., PETROGRAPHY OF THE SLABTOWN GRANITE, MADISON COUNTY, MO. UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL., UNPUBLISHED THESIS (1964). (1)

   ALTHOUGH MOSTLY CONCERNED WITH PETROLOGY, DESCRIPTIONS OF THE STRATIGRAPHY AND A GEOLOGIC MAP ARE INCLUDED.


   FULL-SIZE, COLORED, GENERALIZED GEOLOGIC AND MINERAL DEPOSITS MAPS OF THE PADUCAH, ROLLA, AND ST. LOUIS QUADRANGLES WHICH SHOW FAULTS AND OTHER STRUCTURAL FEATURES ARE THE GIST OF THIS SHORT REPORT.

1169 CROUCH, JAMES, PEIZOMETRIC LEVEL AND SHALLOW AQUIFERS, DILLON AND MERAMEC SPRING QUADRANGLES, MISSOURI. UNPUBLISHED THESIS, THE UNIVERSITY OF MISSOURI AT ROLLA, ROLLA, MO., UNPUBLISHED THESIS (1965). (4)

   THIS THESIS IDENTIFIES THE SHALLOW AQUIFERS AND DISCUSSES THE YIELD, OCCURRENCE, AND PIEZOMETRIC LEVEL OF GROUNDWATER IN THE DOLOMITIC ROCKS OF EASTERN PHELPS CO., MISSOURI.

1192 GRAVELY, M. S., JR., THE GEOLOGY OF SOUTHWESTERN MADISON COUNTY, MISSOURI. UNPUBLISHED MASTERS THESIS, WASHINGTON UNIVERSITY, ST. LOUIS, MISSOURI, UNPUBLISHED MASTERS THESIS (1960). (4)

   THIS THESIS IS AN ATTEMPT TO CORRELATE THE SURFACE MAPPING OF A SMALL AREA OF THE COUNTY WITH AEROMAGNETIC DATA.


   A GEOLOGIC MAP OF THE STUDY AREA AND BRIEF DESCRIPTIONS OF THE FORMATIONS ARE CONTAINED IN THIS THESIS.


THE DEFF CHANNEL AND ALLUVIAL DEPOSITS OF THE OHIO VALLEY IN KENTUCKY. U. S. GEOLOGICAL SURVEY WATER-SURVEY PAPER 1411, WASHINGTON, D. C., SURVEY (1957). (2)

This report contains discussions of the origin, age, and nature of the alluvial deposits together with several general lithologic cross sections.

DEHNENBACHER, J. B., AND WALKER, G. C., SOIL SURVEY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS, NAVIGATION IMPROVEMENT, MOUTH TO PAXTENHEVILLE, DESIGN MEMORANDUM NO. 1A, SITE SELECTION, ST. LOUIS, MO., DESIGN MEMORANDUM NO. 1A (1964). (2)

HUMPHREY, R. T., SoIL ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS, NAVIGATION IMPROVEMENT, MOUTH TO PAXTENHEVILLE, DESIGN MEMORANDUM NO. 1A, SITE SELECTION, ST. LOUIS, MO., DESIGN MEMORANDUM NO. 1A (1964). (6)

MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE EXTREME SOUTHERN ILLINOIS REGION, ILLINOIS STATE GEOLOGICAL SURVEY MINERAL ECONOMICS BRIEF 13, URBANA, ILL., ECONOMICS BRIEF 13 (1966). (2)

Production statistics and locations of sources comprise the greater part of this report.


Full-size, colored, generalized geologic and mineral deposits maps of the Paducah, Rolla, and St. Louis quadrangles which show faults and other structural features are the gist of this short report.

MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE SOUTHEASTERN ILLINOIS REGION, ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 14, URBANA, ILL., ECONOMICS BRIEF 14 (1966). (2)

Production statistics and locations of sources comprise the greater part of this report.
THE COLORED GEOLOGIC MAP IS ACCOMPANIED BY A SHORT TEXT CONTAINING DESCRIPTIONS OF THE FORMATIONS.

1179 CARTER, NEAL A., GEOLOGY OF FINCAID TOWNSHIP, CAMPBELL HILL QUADRANGLE, JACKSON COUNTY, IL. UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL., UNPUBLISHED MASTERS THESIS (1964). (4)
IN ADDITION TO A COLORED BEDROCK GEOLOGY MAP, THIS THESIS CONTAINS DISCUSSIONS OF THE STRATIGRAPHY, GEOLOGIC HISTORY, AND MINERAL RESOURCES OF THE TOWNSHIP.

1180 KOLESAR, JOHN C., GEOLOGY OF THE SOUTHWEST QUARTER, MURPHYSBORO QUADRANGLE, IL. UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL., UNPUBLISHED MASTERS THESIS (1964). (4)
THIS THESIS CONTAINS A GEOLOGIC MAP PLUS DISCUSSIONS OF THE STRATIGRAPHY, STRUCTURE, GEOLOGIC HISTORY, AND MINERAL RESOURCES OF THE AREA.

1181 SATTERFIELD, IRA R., BEDROCK GEOLOGY OF THE COBDEN QUADRANGLE, UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL., UNPUBLISHED MASTERS THESIS (1965). (4)
A COLORED BEDROCK GEOLOGY MAP IS ACCOMPANIED BY A DETAILED DISCUSSION OF THE STRATIGRAPHY AND STRUCTURE OF THE AREA. NUMEROUS OUTCROPS ARE DESCRIBED IN DETAIL.

THIS THESIS CONTAINS DISCUSSIONS OF THE STRATIGRAPHY, STRUCTURE, AND ECONOMIC GEOLOGY OF THE AREA IN ADDITION TO THE GEOLOGIC MAP.

1183 PICKARD, FRANK R., BEDROCK GEOLOGY OF THE GORHAM AREA, UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL., UNPUBLISHED MASTERS THESIS (1963). (4)
A COLORED GEOLOGIC MAP OF THE AREA IS ACCOMPANIED BY DESCRIPTIONS OF THE STRATIGRAPHY, STRUCTURE, GEOLOGIC HISTORY, AND MINERAL RESOURCES. NUMEROUS OUTCROPS ARE DESCRIBED IN DETAIL.

This thesis contains a colored geologic map of the area plus descriptions of the stratigraphy and structure.

U. S. ARMY ENGINEER DISTRICT, MEMPHIS, TN. COTTONWOOD SLOUGH PUMPING PLANT, ALEXANDER COUNTY, IL. BASIS OF DESIGN. PUBLIC LAW 685 PROJECT, MEMPHIS, TN., PUBLIC LAW 685 PROJECT (1962). (6)


MCCORMICK, LOUIS M., BEDROCK GEOLOGY OF THE NORTHWEST QUARTER OF THE DONGOLA QUADRANGLE. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., UNPUBLISHED THESIS (1967). (4)


1363 KEHLENBACH, R., FACIES, DISTRIBUTION, AND DEPOSITIONAL ENVIRONMENT OF THE MISSISSIPPI CYPRUS FORMATION IN SOUTHERN ILLINOIS. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL. UNPUBLISHED THESIS (1969). (4)

1374 JOHNSON, V., FRACTURE PATTERN ALONG POMONA FAULT IN JACKSON AND UNION COUNTIES, ILLINOIS. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, IL. UNPUBLISHED THESIS (1969). (4)


Using terrace morphology and radiocarbon dates as evidence, the writers contend that the present course of the Ohio River below Golconda is older than and the Cache Valley fill younger than that previously recognized.

1417 OLIVE, W. W., GEOLOGIC MAP OF PARTS OF THE CAIRO AND BARLOW QUADRANGLES, BALLARD COUNTY, KY. U. S. GEOLOGICAL SURVEY GEOLOGIC QUADRANGLE MAP G0-885, WASHINGTON, D.C., GEOLOGIC QUAD. MAP (1971). (2)

1635 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, BIG LAKE BASIN, DRINKWATER SEWER, MISSOURI, DETAILED PROJECT REPORT, MEMPHIS, TN., REPORT (1976). (6)


Design Memo No. 101, General Design Memo: Phase II. Design Memo No. 101, Phase II, Supplement, Construction Dewatering for 10th and 28th Street Pumping Stations, Cairo, IL.

1978 MILES, CLIFFORD O., AND OTHERS, SOIL SURVEY OF UNION COUNTY, ILLINOIS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1979). (2)


1981 ILLINOIS STATE GEOLOGICAL SURVEY, ROAD MATERIALS RESOURCES MAPS, URBANA, IL. ILLINOIS STATE GEOLOGICAL SURVEY. GEO. SURVEY (DATE UNKNOWN). (2)


PLATE 39 - POPLAR BLUFF


1232 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES, ST. FRANCIS BASIN. SUPPLEMENT TO GENERAL DESIGN MEMORANDUM NO. 104, UPPER ST. FRANCIS RIVER, DESIGN MEMORANDUM NO. 104 (1967). (6)


THIS PAPER PRESENTS EVIDENCE THAT THE SUNK LANDS WERE CREATED AS A RESULT OF ALLUVIAL DROWNING OF BRAIDED STREAM CHANNELS RATHER THAN AS A RESULT OF THE NEW MADRID EARTHQUAKE OF 1811 AND 1812.


1644 FERGUSON, DICK V., SOIL SURVEY OF CRAIGHEAD COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1979). (2)

1645 GORE, WARREN A., AND OTHERS, SOIL SURVEY OF LAWRENCE COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (ALSO ON PLATE B4) (1978). (2)

1646 GURLEY, PHIL D., SOIL SURVEY OF DUNFLIN COUNTY, MISSOURI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (ALSO ON PLATE B10) (1979). (2)
1047 FINCH, W. I., AND MINARD, J. P., GEOLOGIC MAP OF THE
FARMINGTON QUADRANGLE, GRAVES COUNTY, KENTUCKY. U. S.
GEOLICAL SURVEY GEOLOGIC QUADRANGLE MAP 571, WASHINGTON,
D. C., GEOLOGIC QUAD MAP (1966). (2)

1052 BROWN, WILLIAM T., AND OTHERS, SOIL SURVEY OF DYER
COUNTY, TENNESSEE. U. S. DEPARTMENT OF AGRICULTURE, SOIL
CONSERVATION SERVICE, SOIL SURVEY (1966). (2)

1053 BLADE, L. V., GEOLOGIC MAP OF THE HICKORY QUADRANGLE,
GRAVES COUNTY, KENTUCKY. U. S. GEOLOGICAL SURVEY
GEOLICAL QUADRANGLE NO. 60-457, WASHINGTON, D. C., SURVEY
GEOLICAL QUAD (1965). (2)

1056 MOORE, GERALD K., GEOLOGY AND HYDROLOGY OF THE CLAI-BO-N-RE
GROUP IN WESTERN TENNESSEE. U. S. GEOLOGICAL SURVEY
WATER-SUPPLY PAPER NO. 1809-F, WATE-ER-SUPPLY PAPER
(1965). (2)

IN ADDITION TO DETAILED INFORMATION ON THE HYDROLOGY
OF THE AREA, THERE ARE VALUABLE PLATES CONTAINING FENCE
DIAGRAMS, LOG CORRELATIONS, GEOLOGIC SECTIONS, AND A
GEOLOGIC COLUMN.

1058 BANNY, A. J., JR., AVAILABILITY OF GROUND WATER IN THE
CLINTON QUADRANGLE, JACKSON PURCHASE REGION, KY. U. S.
GEOLICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-175, WASHINGTON, D. C., INVEST. ATLAS (1967). (2)

1075 MORGAN, J. H., AVAILABILITY OF GROUND WATER IN THE
HICKORY QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U.
S. GEOLICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-163, WASHINGTON, D. C., INVEST. ATLAS (1965). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-FLOW CHARACTERISTICS OF FORMATIONS.
DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE
MAYFIELD QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U.
S. GEOLOGICAL SURVEY. HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-164, WASHINGTON, D. C., INVEST. ATLAS (1965). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

MACCARY, L. M. AND DAVIS, R. W., AVAILABILITY OF GROUND
WATER IN THE WESTPLAINS QUADRANGLE, JACKSON PURCHASE
REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY. HYDROLOGIC
INVESTIGATIONS ATLAS NO. HA-166, WASHINGTON, D. C., INVEST.
ATLAS (1966). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE
CRUTCHFIELD QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY.
U. S. GEOLOGICAL SURVEY. HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-167, WASHINGTON, D. C., INVEST. ATLAS (1966). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE
FANCY FARM QUADRANGLE, JACKSON PURCHASE REGION, KY. U. S.
GEOLOGICAL SURVEY. HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-169, WASHINGTON, D. C., INVEST. ATLAS (1966). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE
DUBLIN QUADRANGLE, JACKSON PURCHASE REGION, KY. U. S.
GEOLOGICAL SURVEY. HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-170, WASHINGTON, D. C., INVEST. ATLAS (1966). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE
LOVELACEVILLE QUADRANGLE, JACKSON PURCHASE REGION, KY. U.
S. GEOLOGICAL SURVEY. HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-172, WASHINGTON, D. C., INVEST ATLAS (1966). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF
THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.
1114 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE TRIBUTARIES PROJECT, OBION RIVER. DESIGN MEMORANDUM NO. 5, RELOCATIONS OF FACILITIES, CHANNEL IMPROVEMENT, MIDDLE FORK OBION RIVER, MEMPHIS, TN., DESIGN MEMORANDUM NO. 5 (1967). (6)

1115 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE. WEST TENNESSEE TRIBUTARIES PROJECT, OBION RIVER. SUPPLEMENT TO DESIGN MEMORANDUM NO. 2, RELOCATION AND ALTERATION OF FACILITIES, MEMPHIS, TN., DESIGN MEMORANDUM (1964). (6)

1116 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE. WEST TENNESSEE TRIBUTARIES. GENERAL DESIGN MEMORANDUM NO. 1, REVISED, DESIGN MEMORANDUM (1961). (6)


DVIS, F. W., AVAILABILITY OF GROUND WATER IN THE MILDUR
QUADRANGLE, JACKSON PURCHASE REGION, KY. U. S.
GEOLoGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-179, WASHINGTON, D. C., INVEST. ATLAS (1967). (2)

THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY
MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS
OF THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.

LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN
PARTS OF THE NEW MADRID SE, HUBBARD LAKE, AND BONDURANT
QUADRANGLES, JACKSON PURCHASE REGION, KENTUCKY-TENNESSEE.
U. S. GEOLOGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS
NO. HA-178, WASHINGTON, D. C., INVEST. ATLAS (1967). (2)

A STRATIGRAPHIC COLUMN, TEST HOLE DATA, AND A CROSS
SECTION ARE INCLUDED IN THIS ATLAS.

NEWTON, J. H. AND SIMS, R. F., SOIL SURVEY OF FULTON
COUNTY, KENTUCKY. U. S. DEPARTMENT OF AGRICULTURE, SOIL
CONSERVATION SERVICE, SOIL SURVEY (1964). (2)

LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN
THE HICKMAN QUADRANGLE, KENTUCKY-MISSOURI-TENNESSEE. U. S.
GEOLoGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS NO.
HA-151, WASHINGTON, D. C., INVEST. ATLAS (1968). (2)

HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE
FULTON QUADRANGLE AND PART OF THE WOLF ISLAND QUADRANGLE
IN JACKSON PURCHASE REGION, KY. U. S. GEOLOGICAL SURVEY,
HYDROLOGIC INVESTIGATIONS ATLAS NO. HA-182, WASHINGTON, D.
C., INVEST. ATLAS (1968). (2)

LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN THE
PARTS OF THE WICHLIFE AND WICHLIFE NW QUADRANGLES IN JACKSON
PURCHASE REGION, KY. U. S. GEOLOGICAL SURVEY, HYDROLOGIC
INVESTIGATIONS ATLAS NO. HA-185, WASHINGTON, D. C., INVEST.
ATLAS (1968). (2)

LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN THE
PARTS OF THE ARlington AND WICHLIFE SW QUADRANGLES IN JACKSON
PURCHASE REGION, KY. U. S. GEOLOGICAL SURVEY, HYDROLOGIC
INVESTIGATIONS ATLAS NO. HA-183, WASHINGTON, D. C., INVEST.
ATLAS (1968). (2)
128. FINCH, W. I., GEOLOGY MAP OF THE LOVELACEVILLE QUADRANGLE, KENTUCKY. U.S. GEOLOGICAL SURVEY GEOLOGIC QUADRANGLE MAP 60-763, WASHINGTON, D. C., GEOL. QUAD MAP (1968). (2)


1292 U.S. ARMY ENGINEER DISTRICT, MEMPHIS, CE. WEST TENNESSEE TRIBUTARIES PROJECT, FORKED DEER RIVER. DESIGN MEMORANDUM NO. 6, IMPROVEMENT, NORTH FORK FORKED DEER RIVER, MIDDLE FORK FORKED DEER RIVER, DESIGN MEMORANDUM (1967). (6)


1344 MCGRAD, PRESTON, ECONOMIC GEOLOGY OF CALLOWAY COUNTY, KENTUCKY, KENTUCKY GEOLOGICAL SURVEY COUNTY REPORT 2, LEXINGTON, KY., SURVEY REPORT (1968). (2)

1399 SWANSON, R. W., GEOLOGIC MAP OF THE MELBER QUADRANGLE, GRAVES AND MCRAVEN COUNTIES, KY. U.S. GEOLOGICAL SURVEY GEOLOGIC QUADRANGLE MAP 60-860, WASHINGTON, D. C., GEOL. QUAD MAP (1970). (2)

1406 FINCH, W. I., GEOLOGIC MAP OF PART OF THE HICKMAN QUADRANGLE, FULTON COUNTY, KENTUCKY AND MISS. COUNTY, MISSOURI. U.S. GEOLOGICAL SURVEY GEOLOGIC QUADRANGLE MAP 60-764, WASHINGTON, D. C., GEOL QUAD MAP (1971). (2)
1409 BROWN, B. L., AND OTHERS, SOIL SURVEY OF PEMISCOT COUNTY, MO. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1971). (2)


THIS PAPER CONTAINS BRIEF NARRATIVE DESCRIPTIONS OF THE FORMATIONS PRESENT IN THE AREA.


1473 OLIVE, W. W., GEOLOGIC MAP OF THE BLANDVILLE QUADRANGLE, BALLARD AND CARLISLE COUNTIES, KY. U. S. GEOLOGICAL SURVEY GEOLOGIC QUADRANGLE MAP 60-938, WASHINGTON, D. C., GEOL QUAD MAP (1971). (2)

1648 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, DETAILED PROJECT REPORT, FINLEY STREET AREA, DYERSBURG, TN, DETAILED PROJECT REPORT, MEMPHIS, TN., REPORT (1972). (6)

1649 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, HICKMAN, KENTUCKY. DETAILED PROJECT REPORT, WEST HICKMAN AREA, MEMPHIS, TN., REPORT (1973). (6)

1650 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, MUD LAKE PUMPING STATION, LAKE COUNTY, TENNESSEE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES. GENERAL DESIGN MEMO, PHASE I, MEMPHIS, TN., DESIGN MEMO (1976). (6)

1651 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, NEW MADRID FLOODWAY, MISSOURI. DESIGN MEMO NO. 2, SUPPLEMENT NO. 1, PEAFIELD FLOODGATE, MEMPHIS, TN., DESIGN MEMO (1977). (6)
1652 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, REELFOOT LAKE--LAKE NO. 9, WESTERN TENNESSEE TRIBUTARIES, KENTUCKY AND TENNESSEE. DESIGN MEMO NO. 101, GENERAL DESIGN MEMO, DESIGN MEMOS (1976). (6)
    FEATURE DESIGN MEMO NO. 201, LAKE NO. 9 PUMPING STATION.

1653 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST KENTUCKY TRIBUTARIES, OBION CREEK, KENTUCKY, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES. DESIGN MEMO NO. 101, GENERAL DESIGN MEMO, MEMPHIS, TN., DESIGN MEMO (1975). (0)

1654 MCCRAIN, PRESTON, ECONOMIC GEOLOGY OF McCracken COUNTY, KENTUCKY, COUNTY REPORTS, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEOL SURVEY (1978). (2)

1655 SIMS, J. D., GEOLOGIC MAP OF THE DUBLIN QUADRANGLE, GRAVES AND HICKMAN COUNTIES, KY. USGS MAP NO. 972, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEOL SURVEY (1972). (2)

1656 OLIVE, W. W., GEOLOGIC MAP OF THE CLINTON QUADRANGLE, HICKMAN COUNTY, KENTUCKY. USGS MAP NO. GO-1030, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEOL SURVEY (1972). (2)

1657 OLIVE, W. W., GEOLOGIC MAP OF THE CAIRO AND BARLOW QUADRANGLES, BALLARD COUNTY, KY. USGS MAP NO. GO-982, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEOL SURVEY (1971). (2)

1658 SWANSON, R. W., GEOLOGIC MAP OF THE LA CENTER QUADRANGLE, BALLARD AND McCracken COUNTIES, KY. USGS MAP GO-1417, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEOL SURVEY (1978). (2)

1660 OLIVE, W. W., GEOLOGY OF THE JACKSON PURCHASE REGION, KENTUCKY (ROAD TRIP FOR GEOLOGICAL SOCIETY OF KENTUCKY 1972 FIELD EXCURSION). GUIDEBOOKS FOR FIELD TRIPS. KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., GEO. SURVEY (1972). (2)

1661 DAVIS, R. W., AND OTHERS, WATER IN THE ECONOMY OF THE JACKSON PURCHASE REGION OF KENTUCKY. SPECIAL PUBLICATIONS TO, KENTUCKY GEOLOGICAL SURVEY, LEXINGTON, KY., SPEC. PUBLICATIONS (1971). (2)

1662 GURLEY, PHILL D., SOIL SURVEY OF DUNKLIN COUNTY, MISSOURI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (ALSO ON PLATE B9) (1979). (2)


1664 BROWN, WILLIAM T., SOIL SURVEY OF OBION COUNTY, TENNESSEE. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1973). (2)

1665 HUMPHREY, MAURICE E., AND OTHERS, SOIL SURVEY OF BALLARD AND MCCrackEN COUNTIES, KENTUCKY. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (ALSO ON PLATE B8) (1976). (2)

1666 RUSI, DAVID P., LATE HOLOCENE FAULTING AND EARTHQUAKE RECURRENT IN THE REELFOOT LAKE AREA, NORTHWESTERN TENNESSEE. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, PART I. BULLETIN (ALSO ON EARTHQUAKES) (1979). (5)
1667 ZOBACH, MARK D., RECURRENT FAULTING IN THE VICINITY OF PIGEON FOOT LAKE, NORTHWESTERN TENNESSEE. GEOLOGICAL SOCIETY OF AMERICA BULLETIN. PART 1. BULLETIN (ALSO ON EARTHQUAKES) (1979). (5)


1670 OLIVE, W. W., GEOLOGIC MAP OF PARTS OF THE ARLINGTON AND WICKLIFFE SW QUADRANGLES, CARLISLE AND HICKMAN COUNTIES, KENTUCKY. USGS MAP NO. GO-1729, WASHINGTON, D.C., GEOL SURVEY (1976). (2)

1671 SWAINSON, R. W., GEOLOGIC MAP OF THE MILBURN QUADRANGLE, CARLISLE AND HICKMAN COUNTIES, KY. USGS MAP NO. GO-1420, WASHINGTON, D.C., GEOL SURVEY (1977). (2)


1673 RUSC, D. P., AND OTHERS, MAP OF EXPLORATORY TRENCH ACROSS PIGEON FOOT SCARP, NORTHWESTERN TENNESSEE. USGS MISCELLANEOUS FIELD STUDIES MAP NO. 985, WASHINGTON, D.C., GEOL SURVEY (ALSO UNDER ECHES) (1978). (2)
PLATE B11 - MEMPHIS

1056 Moore, Gerald K., GEOLOGY AND HYDROLOGY OF THE CLAI BORNE GROUP IN WESTERN TENNESSEE. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER, WATER-SUPPLY PAPER (1965). (2)

In addition to detailed information on the hydrology of the area, there are valuable plates containing fence diagrams, log correlations, geologic sections, and a geologic column.

1111 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS RIVER BASIN PROJECT, MISSOURI AND ARKANSAS. UPPER ST. FRANCIS RIVER, Design Memorandum No. 9, State Line Ditches Outlet Channel, Design Memorandum No. 9 (1961). (6)


1117 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS RIVER BASIN PROJECT, MISSOURI AND ARKANSAS. UPPER ST. FRANCIS RIVER, Design Memorandum No. 4, RELOCATION AND ALTERATION OF FACILITIES, STATE LINE OUTLET CHANNEL, BIG LAKE AREA, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 4 (1960). (6)


A GENERALIZED GEOLOGIC MAP AND BRIEF DESCRIPTIONS OF THE FORMATIONS ARE CONTAINED IN THIS REPORT.
GRAY, J. L., AND CATLETT, V. R., SOIL SURVEY OF CROSS COUNTY, AR. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, SOIL SURVEY (1968). (2)

U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI-ARKANSAS, LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 335, PART 1, RELOCATION AND ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 335 (1967). (6)

U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI-ARKANSAS, LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 337, PART 1, RELOCATION AND ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 337 (1967). (6)

U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI-ARKANSAS, LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 335, PART 2, RELOCATION-ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 335 (1967). (6)


1428 U.S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI AND ARKANSAS. LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 335, PART 1, RELOCATION AND ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 335 (1967). (5)

1429 U.S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI AND ARKANSAS. LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 335, PART 2, RELOCATION AND ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 335 (1967). (6)

1430 U.S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, ST. FRANCIS BASIN PROJECT, MISSOURI AND ARKANSAS. LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS. DESIGN MEMORANDUM NO. 337, PART 1, RELOCATION AND ALTERATION OF FACILITIES, BIG CREEK IMPROVEMENT, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 337 (1967). (6)

1674 PARKS, WILLIAM S., AND LOUNSBURG, RICHARD W., SUMMARY OF SOME CURRENT AND POSSIBLE FUTURE ENVIRONMENTAL PROBLEMS RELATED TO GEOL OGY AND HYDROLOGY AT MEMPHIS, TN. USGS WATER RESOURCES INVESTIGATION NO. 4-76, WASHINGTON, D.C., GEOL SURVEY (1976). (2)


This report summarizes progress on a study of the Earthquake Risk in Crittenden County, Arkansas, Desoto County, Mississippi, and Shelby County, Tennessee.

1682 U. S. Army Engineer District, Memphis, CE, St. Francis River Basin Project, Missouri and Arkansas. Design Memo No. 110 A, Drainage District No. 17, Of miss. County, Arkansas, pumping station and channel improvements, Memphis, TN., Design Memo (1975). (6)
PLATE B12 - ELYTHEVILLE


IN ADDITION TO DETAILED INFORMATION ON THE HYDROLOGY OF THE AREA, THERE ARE VALUABLE PLATES CONTAINING FENCE DIAGRAMS, LOG CORRELATIONS, GEOLOGIC SECTIONS, AND A GEOLOGIC COLUMN.

1116 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE TRIBUTARIES. GENERAL DESIGN MEMORANDUM NO. 1, REVISED, MEMPHIS, TENN., DESIGN MEMORANDUM NO. 1 (1961). (6)

1210 RUSSELL, E. E., GEOLOGIC MAP AND MINERAL RESOURCES SUMMARY OF THE MICHIE QUADRANGLE, TENNESSEE. DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TN., GEOLOGIC MAP (1967). (2)


1292 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE TRIBUTARIES PROJECT, FORKED DEER RIVER. DESIGN MEMORANDUM NO. 6, RELOCATION - ALTERATION OF FACILITIES, CHANNEL IMPROVEMENT, NORTH FORK FORKED DEER RIVER, MIDDLE FORK FORKED DEER RIVER, MEMPHIS, TN., DESIGN MEMORANDUM (1967). (6)

CONTAINS ELECTRIC LOGS, SAMPLE DESCRIPTIONS, CORE DESCRIPTION, AND GEOLOGIC INTERPRETATIONS


1684 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, HUNTINGTON, TENNESSEE-SECTION 205 PROJECT. DETAILED PROJECT REPORT, MEMPHIS, TN., REPORT (1975). (6)

THIS REPORT SUMMARIZES PROGRESS ON A STUDY OF THE EARTHQUAKE RISK IN CRITTENDEN COUNTY, ARKANSAS, DESOTO COUNTY, MISSISSIPPI, AND SHELBY COUNTY, TENNESSEE. ALSO SHOWN IN EARTHQUAKES UNDER LISTING NO. 1560.

TEXT, TABLES, AND ILLUSTRATIONS INDICATING HISTORIC GROUNDWATER USE AND RESULTS.
PLATE B13 - LITTLE ROCK


1146 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, OUACHITA RIVER AND TRIBUTARIES, ARKANSAS AND LOUISIANA, DEGRAY RESERVOIR, CADDO RIVER, ARKANSAS. DESIGN MEMORANDUM NO. 11-3, SPILLWAY, VICKSBURG, MS., DESIGN MEMORANDUM (1964). (6)

1147 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, OUACHITA RIVER AND TRIBUTARIES, ARKANSAS AND LOUISIANA, DEGRAY RESERVOIR, CADDO RIVER, ARKANSAS. DESIGN MEMORANDUM NO. 11-7, REGULATION DAM, VICKSBURG, MS., DESIGN MEMORANDUM (1965). (6)

WALTHALL, B. H., STRATIGRAPHY AND STRUCTURE, PART OF ATHENS PLATEAU, SOUTHERN OUACHITAS, ARKANSAS. AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS BULLETIN, VOL 51, BULLETIN (1967). (5)
LITHOLOGIC DESCRIPTIONS ARE PRESENTED FOR FORMATIONS RANGING IN AGE FROM CRETACEOUS TO MISSISSIPPIAN. A STRUCTURE MAP IS INCLUDED TO SHOW LOCATIONS OF MAJOR FAULTS.

GEOLOGIC FORMATIONS ARE NOT NAMED AND LITHOLOGIC DESCRIPTIONS ARE QUITE BRIEF, HOWEVER, A USEFUL GEOHYDROLOGIC MAP IS INCLUDED IN THIS REPORT.

WATSON, JOHN, GEOLOGY OF THE BEAR DEN MOUNTAIN AREA, MONTGOMERY COUNTY, ARK. UNPUBLISHED MASTERS THESIS, UNIVERSITY OF OKLAHOMA, NORMAN, OKLA., UNPUBLISHED MASTERS THESIS (1959). (4)
A GEOLOGIC MAP AND DESCRIPTIONS OF THE STRATIGRAPHY AND STRUCTURE OF THE AREA ARE INCLUDED IN THIS THESIS.

THIS THESIS INCLUDES A GEOLOGIC MAP OF THE AREA AND DISCUSSIONS OF THE STRATIGRAPHY, STRUCTURE, AND ECONOMIC GEOLOGY OF THE AREA.

A GEOLOGIC MAP OF THE AREA IS INCLUDED IN THIS THESIS ALONG WITH DISCUSSIONS OF THE STRATIGRAPHY, STRUCTURE, AND ECONOMIC GEOLOGY OF THE AREA.
1241 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, MS., ARKANSAS RIVER AND TRIBUTARIES, ARKANSAS AND OKLAHOMA, ARKANSAS RIVER, LOCK AND DAM NO. 4, DESIGN MEMORANDUM NO. 8, HARDING DRAIN, PINE BLUFF, ARKANSAS, DETAILED DESIGN MEMORANDUM FOR DRAINAGE STRUCTURE AND CHANNEL WORK, VICKSBURG, MS., DESIGN MEMORANDUM NO. 8 (1965). (6)

1259 OWENS, DON R., BEDROCK GEOLOGY OF THE V INTRUSION, GARLAND COUNTY, ARK., UNPUBLISHED THESIS, UNIVERSITY OF ARKANSAS, FAYETTEVILLE, ARK., UNPUBLISHED THESIS (1967). (4)

1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1968). (2)

1275 HALBERG, H. N., AND OTHERS, WATER RESOURCES OF GRANT AND HOT SPRING COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY, WATER-SUPPLY PAPER, GEOL. SURVEY PAPER (1968). (2)

   This report contains brief descriptions of the formations in the counties and contains a geologic map and cross sections of both the shallow and the deep formations.

1309 SELLARS, R. T., JR., GEOLOGY OF THE MENA AND BOARD CAMP QUADRANGLES, FOLK COUNTY, ARKANSAS. UNPUBLISHED DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., UNPUBLISHED DISSERTATION (1966). (4)

1312 SELLARS, R. T., JR., THE GEOLOGY OF THE MENA AND BOARD CAMP QUADRANGLES, FOLK COUNTY, ARK. PH.D. DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., PH.D. DISSERTATION (1966). (0)


GENERAL DISCUSSIONS OF THE ORIGIN, THICKNESS, AND LITHOLOGIC CHARACTER OF THE GROUP. TWO NEW FORMATIONAL NAMES ARE PROPOSED AND DEFINED.
PLATE B14 - HELENA


1198 HUDDELESTON, JERRY S., SOIL SURVEY OF TATE COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1967). (2)

1200 SAUCIER, R. T., AND KOLB, C. R., ALLUVIAL GEOLOGY OF THE YAZOO BASIN, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MS., MAP (1967). (2)

IN ADDITION TO THE BASIC MAP WHICH SHOWS THE DISTRIBUTION OF ENVIRONMENTS OF DEPOSITION, THERE IS A MAP OF THE SUBALLUVIAL SURFACE AND AN ILLUSTRATED, EXPLANATORY LEGEND.


1272 BEDINGER, M. S., CYPRESS BAYOU, GRAND PRAIRIE REGION, ARKANSAS--AN EXAMPLE OF STREAM ALIENATION. U. S. GEOLOGICAL SURVEY, PROFESSIONAL PAPER NO. 600-B, WASHINGTON, D. C., PROFESSIONAL PAPER (1968). (2)

1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1968). (2)


   THIS REPORT CONTAINS A DETAILED DESCRIPTION OF THE QUATERNARY DEPOSITS IN THE AREA AND CONTAINS THE LOGS OF DETAILED TEST HOLES.


1687 BICKER, ALVIN R., JR., CROSS SECTION FROM TISHOMINGO COUNTY TO TUNICA COUNTY, MISS. GEOLOGICAL SURVEY, CS-2, JACKSON, MISS., GEOLOGICAL SURVEY (1974). (0) CROSS SECTION IS IN COLOR AND ILLUSTRATES STRUCTURAL FEATURES AS WELL AS STRATIGRAPHY


1689 HOGAN, JERRY L., AND GRAY, JAMES L., SOIL SURVEY OF PHILLIPS COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1974). (2)
1690 MAXWELL, GEORGE F., AND OTHERS, SOIL SURVEY OF MONROE COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1978). (2)


1692 MAXWELL, GEORGE F., AND OTHERS, SOIL SURVEY OF ARKANSAS COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1972). (2)

1693 GRAY, JAMES L., SOIL SURVEY OF LEE COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1977). (2)


PLATE B15 - TUPELO

1198 HUDDLESTON, JERRY S., SOIL SURVEY OF TATE COUNTY, MS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1967). (2)


1696 BICKER, ALVIN R., JR., CROSS SECTION FROM TISHOMINGO COUNTY TO TUNICA COUNTY, MISS. MISS. GEOLOGICAL SURVEY, CS-2, JACKSON, MISS., GEOL SURVEY (1974). (0)
  CROSS SECTION IS IN COLOR AND ILLUSTRATES STRUCTURAL FEATURES AS WELL AS STRATIGRAPHY.

1697 PERRY, E. B., SUSCEPTIBILITY OF DISPERSIVE CLAY AT GRENA DA M, MISSISSIPPI, TO PIPING AND RAINFALL EROSION, WATERWAYS EXPERIMENT STATION, TECHNICAL REPORT GL-79-14, VICKSBURG, MS., TECH. REPORT (1979). (0)

1698 HUDDLESTON, JERRY S., AND OTHERS, SOIL SURVEY OF YALOBUSHA COUNTY, MISSISSIPPI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1978). (2)

  THIS REPORT SUMMARIZES PROGRESS ON A STUDY OF THE EARTHQUAKE RISK IN CRITTENDEN COUNTY, ARKANSAS, DESOTO COUNTY, MISSISSIPPI, AND SHELBY COUNTY, TENNESSEE. ALSO SHOWN UNDER EARTHQUAKES LISTING NO. 1560.

1700 LANE, HENRY CLYDE, SOIL SURVEY OF PONTOTOC COUNTY, MISSISSIPPI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1973). (2)


1071 REGUNI, W. L., AND OTHERS. GROUND-WATER RESOURCES OF CAMP, FRANKLIN, MORRIS, AND TITUS COUNTIES, TEXAS. TEXAS WATER COMMISSION BULLETIN NO. 6517. AUSTIN, TX., BULLETIN (1965). (2)

IN ADDITION TO GEOLOGIC AND HYDROLOGIC DESCRIPTIONS OF FORMATIONS, THIS REPORT CONTAINS A GEOLOGIC MAP, A STRUCTURE MAP, GEOLOGIC SECTIONS, AND LOGS OF SELECTED WELLS.

1083 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY. GEOLOGIC ATLAS OF TEXAS, AUSTIN, TX., ATLAS (1966). (2)

1095 BROADHURST, W. L., RECORDS OF WELLS, SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN CAMP, FRANKLIN, AND TITUS COUNTIES, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1943). (1)

1096 BROADHURST, W. L., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN HOPKINS COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1943). (1)

1100 FOLLETT, C. R., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN CASS COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)

1101 FOLLETT, C. R., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN MORRIS COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)

1105 SLAUGHTER, FOR H., GEOLOGICAL SURVEY AND APPRAISAL OF THE PALEONTOLOGICAL RESOURCES OF THE COOPER RESERVOIR BASIN, DELTA AND HOPKINS COUNTIES, TX. FONDREN SCIENCE SERIES 6, SOUTHERN METHODIST UNIVERSITY PRESS, DALLAS, TX., FONDREN SCIENCE SERIES 6 (1964). (2)

THIS PUBLICATION CONTAINS A MAP OF THE RESERVOIR AREA SHOWING THE DISTRIBUTION OF FLOODPLAIN DEPOSITS AND QUATERNARY TERRACES.

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1201 U. S. ARMY ENGR. WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL RECONNAISSANCE OF THE SULPHUR RIVER AND CYPRESS CREEK BASINS, TX. TECHNICAL REPORT NO. 3-798, VICKSBURG, MS., TECHNICAL REPORT (1967). (2) THIS REPORT CONTAINS DETAILED STRIP MAPS AND SUBSURFACE DATA PERTAINING TO VARIOUS PROJECT ITEMS INCLUDED IN THE TEXAS WATER PLAN.


1249 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY. GEOLOGIC ATLAS OF TEXAS, AUSTIN, TEX., ATLAS (1967). (2)


1291 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, COOPER RESERVOIR - CHANNELS, SULPHUR RIVER, TEXAS. GENERAL DESIGN MEMORANDUM NO. 2-B, REVISED, DALLAS, TEX., DESIGN MEMORANDUM (1967). (6)
PLATE B17 - EL DORADO


1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1968). (2)


1705 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, OUACHITA AND BLACK RIVERS, RED RIVER BASIN, ARKANSAS AND LOUISIANA, NINE-FOOT NAVIGATION PROJECT. DESIGN MEMO NO. 8 COLUMBIA DAM, SUPPL. NO. 1, FABRIDAM INSTALLATION, SUPPL. NO. 2, CHANNEL REPAIRS, COLUMBIA AND JONESVILLE LOCKS AND DAMS, VICKSBURG, MS., DESIGN MEMO (1975). (6)

1706 HOELSCHER, JAMES E., AND LAURENT, GLEN D., SOIL SURVEY OF HEMPSTEAD COUNTY, ARKANSAS. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1979). (2)


1045 BAYLEY, FREI, JR., SEDIMENT DEPOSITS ON THE CONE AREA OF BIG SAND CREEK, MS. PREPARED FOR FEDERAL INTERAGENCY SEDIMENTATION CONFERENCE OF THE SUB-COMMITTEE ON SEDIMENTATION, ICWR, JACKSON, MS., STUDY (1963). (1)


1197 THOMAS, ABRAHAM E., SOIL SURVEY OF GRENADA COUNTY, MS., U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1967). (2)

1200 SAUCIER, R. T., AND KOLB, C. R., ALLUVIAL GEOLOGY OF THE YAZOO BASIN, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MS., MAP (1967). (2)

IN ADDITION TO THE BASIC MAP WHICH SHOWS THE DISTRIBUTION OF ENVIRONMENTS OF DEPOSITION, THERE IS A MAP OF THE SUBALLUVIAL SURFACE AND AN ILLUSTRATED EXPLANATORY LEGEND.

1207 BUDDER, HARDY, AND FINGER, C. J., SOIL SURVEY OF CHICOT COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1967). (2)
1273 LANRANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1968). (2)


1716 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, YAZOO HEADWATER PROJECT, MISS. (TRIBUTARIES), YAZOO RIVER BASIN, UPPER AUXILIARY CHANNEL ALTERNATIVE. DESIGN MEMO NO. 41, GENERAL DESIGN MEMO, VICKSBURG, MS., DESIGN MEMO (1975). (0)
PLATE B19 - WEST POINT

1197 THOMAS, ABRAHAM E., SOIL SURVEY OF GRENAADA COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY (1967). (2)

1328 WASSON, R. E., GEOLOGY AND WATER RESOURCES OF THE BIG BLACK RIVER BASIN, MS. COMPREHENSIVE BASIN STUDY, BIG BLACK RIVER BASIN COORDINATING COMMITTEE, BASIN STUDY (1973). (2)

SECTION OF REPORT ON GEOLOGY IS EXTREMELY BRIEF AND GENERALIZED. MOST OF REPORT IS CONCERNED WITH THE STRUCTURE OF AND DEPTH TO WATER IN THE MAJOR AQUIFERS.


1718 GREN'T, FLOYD V., SOIL SURVEY OF OKTIBBEHA COUNTY, MISSISSIPPI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1973). (2)


1720 THOMAS, ABRAHAM E., SOIL SURVEY OF MONTGOMERY COUNTY, MISSISSIPPI. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1975). (2)
1055 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY. GEOLOGIC ATLAS OF TEXAS, AUSTIN, TX., ATLAS (1965). (2)

1061 BROOM, M. E., AND OTHERS. GROUND-WATER RESOURCES OF CAMP, FRANKLIN, MORRIS, AND TITUS COUNTIES, TEXAS. TEXAS WATER COMMISSION BULLETIN NO. 6517, AUSTIN, TX., BULLETIN (1965). (2)

IN ADDITION TO GEOLOGIC AND HYDROLOGIC DESCRIPTIONS OF FORMATIONS, THIS REPORT CONTAINS A GEOLOGIC MAP, A STRUCTURE MAP, GEOLOGIC SECTIONS, AND LOGS OF SELECTED WELLS.

1093 BROADHURST, W. L., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN HARRISON COUNTY, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)

1094 BROADHURST, W. L., RECORDS OF WELLS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS IN UPSHUR COUNTY, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)

1095 BROADHURST, W. L., RECORDS OF WELLS, SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN CAMP, FRANKLIN, AND TITUS COUNTIES, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1947). (1)

1096 BROADHURST, W. L., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN HOPKINS COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1943). (1)

1097 BROADHURST, W. L., RECORDS OF WELLS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS IN MARION COUNTY, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1947). (1)
1098 BROADHURST, W. L., AND BREEDING, S. D., WATER RESOURCES OF MARION COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., BRIEF DESCRIPTIONS (1943). (1)

Brief descriptions of the various formations in the area are supplemented by a geologic map, a regional cross section, and logs of wells.

1099 BROOM, M. E., AND MYERS, B. N., GROUND-WATER RESOURCES OF HARRISON COUNTY, TEXAS. TEXAS WATER DEVELOPMENT BOARD REPORT 27, AUSTIN TX., REPORT (1966). (2)

This report contains a geologic map, cross sections, brief descriptions of geologic units, and the logs of selected wells.

1100 FOLLETT, C. R., RECORDS OF WELLS AND SPRINGS, DRILLERS Logs, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN CASS COUNTY, TX. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)

1101 FOLLETT, C. R., RECORDS OF WELLS AND SPRINGS, DRILLERS Logs, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN MORRIS COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TX., RECORDS (1942). (1)


This report contains generalized geologic maps, cross sections, and formation descriptions. No detailed data are presented.

1201 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, GEOLITICAL RECONNAISSANCE OF THE SULPHUR RIVER AND CYPRESS CREEK BASINS, TEXAS. TECHNICAL REPORT NO. 3-798, VICKSBURG, MS., TECHNICAL REPORT (1967). (2)

This report contains detailed strip maps and subsurface data pertaining to various project items. Included in the Texas Water Plan.
FISHER, W. L., AND MCGOWEN, J. H., DEPOSITIONAL SYSTEMS IN THE WILCOX GROUP OF TEXAS AND THEIR RELATIONSHIP TO OCCURRENCE OF OIL AND GAS. UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY CIRCULAR NO. 67-4, AUSTIN, TX., CIRCULAR (1967). (2)
THE LOWER PART OF THE WILCOX GROUP IS DIVIDED INTO ITS MAJOR DEPOSITIONAL SYSTEMS AND COMPONENT FACIES OF THE VARIOUS SYSTEMS ARE DISCUSSED.

BROOM, M. E., GROUND-WATER RESOURCES OF WOOD COUNTY, TX. TEXAS WATER DEVELOPMENT BOARD REPORT 79, AUSTIN, TX., REPORT (1968). (2)
THIS REPORT CONTAINS BRIEF DESCRIPTIONS OF FORMATIONS, MAPS OF THE DEPTH TO AND THICKNESSES OF MAJOR AQUIFERS, A GEOLOGIC MAP OF THE COUNTY, LIST OF WELLS, CHEMICAL ANALYSES OF WATER, AND LOGS OF SELECTED WELLS.

BROOM, M. E., GROUND-WATER RESOURCES OF GREGG AND UPSHUR COUNTIES, TEXAS. TEXAS WATER DEVELOPMENT BOARD, REPORT NO. 101, AUSTIN, TX., REPORT (1969). (2)
PLATE B21 - SHREVEPORT

1031 DURHAM, CLARENCE O., JR., IRON ORE OF CENTRAL NORTH LOUISIANA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY BULLETIN NO. 41, BATON ROUGE, LA., BULLETIN (1964). (2)

ALTHOUGH MOST OF THIS REPORT IS CONCERNED WITH SPECIFIC ORE DEPOSITS, THERE ARE CHAPTERS DEALING WITH THE GENERAL GEOLOGIC SETTING, PHYSIOGRAPHY, AND STRATIGRAPHY.


THIS IS A COMPREHENSIVE AND WELL ILLUSTRATED THESIS COVERING THE STRATIGRAPHY AND STRUCTURE OF THE AREA AND CONTAINING DESCRIPTIONS OF THE ORE DEPOSITS.

1190 HOLDER, ROBERT E., SURFACE GEOLOGY OF SOUTHERN UNION PARISH, LOUISIANA. UNPUBLISHED MASTERS THESIS, LOUISIANA POLYTECHNIC INSTITUTE, RUSTON, LA., UNPUBLISHED MASTERS THESIS (1963). (4)

THE EOCENE AND QUATERNARY FORMATIONS OUTCROPPING IN THE AREA ARE MAPPED AND BRIEFLY DESCRIBED. LOGS OF WELLS AND GRAIN-SIZE DATA ON SELECTED SAMPLES ARE INCLUDED.

1191 JONES, G. W., JR., GROUND-WATER RESOURCES IN LINCOLN PARISH, LOUISIANA, WITH EMPHASIS ON THE SOUTHERN PART. UNPUBLISHED MASTERS THESIS, LOUISIANA POLYTECHNIC INSTITUTE, RUSTON, LA., UNPUBLISHED MASTERS THESIS (1961). (4)

ALTHOUGH SEVERAL FORMATIONS ARE DESCRIBED BRIEFLY, THIS REPORT IS CONCERNED PRIMARILY WITH THE SPARTA SAND, STRUCTURAL MAPS AND LOGS OF BORINGS ARE INCLUDED.

1236 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER BELOW DENISON DAM, EAST POINT, LA., DESIGN MEMORANDUM NO. 1, GENERAL, NEW ORLEANS, LA., DESIGN MEMORANDUM NO. 1 (1965). (6)

1290 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER BASIN, CYPRESS BAYOU, LA - TEXAS, REPLACEMENT OF CADDO DAM, LA. DESIGN MEMORANDUM NO. 1, GENERAL, LITTLE ROCK, ARK., DESIGN MEMORANDUM NO. 1 (1967). (6)

1721 SNIDER, J. L., AND OTHERS, WATER RESOURCES OF UNION PARISH, LOUISIANA. LA. GEOLOGICAL SURVEY, WATER RESOURCE BULLETIN 17, BATON ROUGE, LA., GEO SURVEY BULLETIN (1972). (2)

1722 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER BELOW DEMINSON DAM, BAYOU BODEAU AND TRIBUTARIES, ARKANSAS AND LOUISIANA. DESIGN MEMO NO. 1, GENERAL DESIGN, CYPRESS BAYOU-RED CHUTE BAYOU LEVEE; DESIGN MEMO NO. 2, GENERAL DESIGN, FLAT RIVER CHANNEL IMPROVEMENT AND FLAT RIVER, DESIGN MEMO NO. 1 & NO. 2 (1975). (6) LOGGY BAYOU LEVEE.

1723 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS AND OKLAHOMA.-MISS. RIVER TO SHREVEPORT, LOUISIANA. DESIGN MEMO NO. 2, GENERAL DESIGN MEMO, PHASE I, PLAN FORMULATION AND SITE SELECTION, NEW ORLEANS, LA., DESIGN MEMO (1976). (6)

1724 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS, AND OKLA.-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 6, GENERAL DESIGN, PHASE II, PROJECT DESIGN, LOCK AND DAM NO. 1, NEW ORLEANS, LA., DESIGN MEMO (1974). (6)

1725 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS, AND OKLA.-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 15, ENVIRONMENTAL ANALYSIS, VOL. 3, NEW ORLEANS, LA., DESIGN MEMO(1975). (6) CLIMATOLOGY, GEOLOGY, HYDROLOGY, AND POLLUTION SOURCES AND STANDARDS.


PLATE B22 - JACKSON


GEOLOGIC SECTIONS AND PLAN MAPS ARE PRESENTED IN THIS REPORT FOR SEVERAL LOCATIONS THAT EXHIBIT VARIOUS TYPES OF BANK FAILURES.

1060 WALTERS, W. C., AND LASSERRE, L. M., JR., LOUISIANA ENGINEERING SOILS MAP REPORT NO. 1, MONROE-VICKSBURG STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, MAP REPORT (1963). (2)

ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.

1109 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STA., CE, GEOLOGICAL INVESTIGATION OF THE BOEUF-TENSAS BASIN, LOWER MISS. VALLEY, BY R. T. SAUCIER. TECHNICAL REPORT NO. 3-757, VICKSBURG, MISS., TECHNICAL REPORT (1967). (2)

QUADRANGLE MAPS ARE USED TO PORTRAY THE DISTRIBUTION OF ENVIRONMENTS OF DEPOSITION. EACH QUADRANGLE IS ACCOMPANIED BY ONE OR MORE DETAILED CROSS SECTIONS. FOLIO WAS ABOUT 50 PERCENT COMPLETE AS OF FEBRUARY 1967.


1154 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES PROJECT, YAZOO BASIN--BIG SUNFLOWER RIVER, ETC., MISS. GENERAL DESIGN MEMORANDUM NO. 1, VICKSBURG, MS., DESIGN MEMORANDUM (1964). (6)
1176 BICKER, A. F., JR., AND OTHERS, CLAIBORNE COUNTY GEOLOGY AND MINERAL RESOURCES, MISSISSIPPI GEOLOGICAL, ECONOMIC AND TOPOGRAPHICAL SURVEY BULLETIN 107, JACKSON, MISS., BULLETIN (1956). (2)

A COMPREHENSIVE TREATMENT OF THE GEOLOGY OF THE COUNTY, BOTH SURFACE AND SUBSURFACE, WITH A GEOLOGIC MAP, STRUCTURE MAPS, AND LOGS OF BORINGS.

1187 EDWARDS, DOUGLAS E., JR., THE PHYSIOGRAPHY OF HINDS COUNTY, MISS. UNPUBLISHED MASTERS THESIS, MISS. STATE COLLEGE, STATE COLLEGE, MISS., UNPUBLISHED MASTERS THESIS (1954). (4)

THIS THESIS COVERS ALL ASPECTS OF THE PHYSIOGRAPHY OF THE COUNTY AND EVALUATES THE PHYSIOGRAPHY IN RELATION TO SUCH FACTORS AS ROAD CONSTRUCTION, MINERAL RESOURCES, ETC. SLOPE MAPS AND RELIEF MAPS ARE INCLUDED WITH NUMEROUS OTHER ILLUSTRATIONS.


IN ADDITION TO THE BASIC MAP WHICH SHOWS THE DISTRIBUTION OF ENVIRONMENTS OF DEPOSITION, THERE ARE A MAP OF THE SUBALLUVIAL SURFACE AND AN ILLUSTRATED EXPLANATORY LEGEND.

1215 BICKER, ALVIN R., JR., PRELIMINARY INVESTIGATION OF THE GROUND-WATER RESOURCES OF COPIAH COUNTY. PROCEEDINGS OF THE MISS. WATER RESOURCES CONFERENCE, WATER RESOURCES RESEARCH INSTITUTE, STATE COLLEGE, MISS., PAPER (1967). (2)

BRIEF DISCUSSIONS OF THE MAJOR WATER BEARING UNITS ARE INCLUDED IN THIS SHORT PAPER.

1260 SIMPSON, LLOYD W., JR., A FORAMINIFERAL AND SEDIMENTARY ANALYSIS OF THE VICKSBURG GROUP (OLIGOCENE) IN WARREN AND HINDS COUNTIES, MISSISSIPPI. UNPUBLISHED THESIS, MISS. STATE UNIVERSITY, STATE COLLEGE, MS., UNPUBLISHED THESIS (1965). (4)

ALTHOUGH THE GREATER PART OF THIS THESIS IS CONCERNED WITH PALEONTOLOGY, IT ALSO CONTAINS THE LOGS OF CORE HOLES DRILLED AT THE TYPE LOCALITIES OF THE VARIOUS UNITS.

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In addition to a section on general geologic setting, there are sections devoted to groundwater resources and subsurface stratigraphy, a colored geologic map is included with the report.

1328 Wasson, B. E., Geology and Water Resources of the Big Black River Basin, Miss. Big Black River Basin Coordinating Committee, Report (1968). (2)

Section of report on geology is extremely brief and generalized. Most of report is concerned with the structure of and depth to water in the major aquifers.


1731 Green, John W., Jr., and Bograd, Michael, Environmental Geology of the Pocahontas, Clinton, Raymon, and Brownsville Quadrangles, Hinds County, Mississippi. Miss. Geological Survey, Environmental Geology Series No. 1. Jackson, MS., Geol Survey (1973). (2)

This atlas-type book contains sections on topography, geology, water resources, utility, recreation and transportation sanitary landfills, and land use.
1732 Green, John W., Jr., and Childress, Sarah C., Environmental Geology of the Jackson, Jackson SE, Madison, and Ridge Land Quadrangles, Hinds County, Mississippi. Miss. Geological Survey Environmental Geology Series No. 2, Jackson, Ms., Geol Survey (1975). (2) This atlas-type book contains sections on topography, geology, water resources, recreation and transportation, sanitary landfills, and land use.


1735 U. S. Army Engineer District, Vicksburg, Ce, Yazoo Backwater Project, Yazoo Basin, Mississippi. Design Memo No. 2B, Suppl. No. 10, Deer Creek to W. M. Whittington Auxiliary Channel New Levee, Item 9, Vicksburg, Miss., Design Memo (1973). (6)

1736 U. S. Army Engineer District, Vicksburg, Ce, Big Sunflower, Little Sunflower, Hushpuckena, and Quiver Rivers and Their Tributaries, and Deer Creek, Steele Bayou, and Bogue Phalia, Miss. Design Memo No. 1, Suppl. C, Vicksburg, Miss., Design Memo (1971). (6)


1739 U.S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, YAZOO BACKWATER PROJECT, YAZOO BASIN, MISS. DESIGN MEMO NO. 10, MUDDY BAYOU CONTROL STRUCTURE, VICKSBURG, MS., DESIGN MEMO (1972). (0)

1740 SCOTT, FRANK T., AND OTHERS, SOIL SURVEY OF YAZOO COUNTY, MISS. U.S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1975). (2)


1742 COLE, WILLIAM AARON, AND OTHERS, SOIL SURVEY OF HINDS COUNTY, MISSISSIPPI. U.S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1979). (2)

1275 U.S. Army Engineer District, New Orleans, Ce, Red River Below Denison Dam, Red River in Natchitoches and Red River Parishes, La., Campti-Clarence Area. Design Memorandum No. 1, General Design, New Orleans, La., Design Memorandum No. 1 (1964). (1)


This article contains a detailed description of the formation plus several measured sections.


The availability of surface water from Bayou Dupont and ground water from Wilcox Group aquifers is discussed. Logs of test holes are included.


1744 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS AND OKLA.-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 2, GENERAL DESIGN MEMO, DESIGN MEMO (1976). (6)

PHASE I, PLAN FORMULATION AND SITE SELECTION, NEW ORLEANS, LA.

1745 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS, AND OKLA.-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 15, ENVIRONMENTAL ANALYSIS, VOL. 3, DESIGN MEMO (1975). (6)

CLIMATOLOGY, GEOLOGY, HYDROLOGY, AND POLLUTION SOURCES AND STANDARDS, NEW ORLEANS, LA.

PLATE B24 - NATCHEZ

1109 U. S. ARMY ENGINEER WES, CE, GEOLOGICAL INVESTIGATION OF
THE BOEUF-TENSAS BASIN, LOWER MISS. VALLEY, BY R. T.
SAUCIER. TECHNICAL REPORT NO. 3-757, TECHNICAL REPORT
(1967). (2)

QUADRANGLE MAPS ARE USED TO PORTRAY THE DISTRIBUTION
OF ENVIRONMENTS OF DEPOSITION. EACH QUADRANGLE IS
ACCOMPANIED BY ONE OR MORE DETAILED CROSS SECTIONS. FOLIO
WAS ABOUT 50 PERCENT COMPLETE AS OF FEBRUARY 1967.

1150 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD
CONTROL, MISS. RIVER AND TRIBUTARIES PROJECT, RED RIVER
BACKWATER AREA, LA, LARTO LAKE TO JONESVILLE LEVEES. GENERAL
DESIGN MEMORANDUM NO. 1, VICKSBURG, MISS., DESIGN
MEMORANDUM NO. 1(1964). (6)

1151 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD
CONTROL, MISS. RIVER AND TRIBUTARIES. TENSAS BASIN-BOEUF
AND TENSAS RIVERS AND BAYOU MACON, ARKANSAS AND LOUISIANA.
DESIGN MEMORANDUM NO. 1, BAYOU LAFOURCHE CHANNEL
IMPROVEMENT, VICKSBURG, MISS., DESIGN MEMORANDUM
(1966). (6)

1170 BICKER, A. R., JR., AND OTHERS, CLAIBORNE COUNTY GEOLOGY
AND MINERAL RESOURCES. MISS. GEOLOGICAL, ECONOMIC AND
TOPOGRAPHICAL SURVEY BULLETIN NO. 107, JACKSON, MISS., BULLETIN
(1966). (2)

A COMPREHENSIVE TREATMENT OF THE GEOLOGY OF THE
COUNTY, BOTH SURFACE AND SUBSURFACE, WITH A GEOLOGIC MAP,
STRUCTURE MAPS, AND LOGS OF BORINGS.

1172 PARSONS, BRIAN E., GEOLOGICAL FACTORS INFLUENCING
RECHARGE TO THE BATON ROUGE GROUND-WATER SYSTEM, WITH
EMPHASIS ON THE CITRONELE FORMATION. UNPUBLISHED
MASTERS THESIS, LOUISIANA STATE UNIV., BATON ROUGE, LA., UNPUBLISHED
MASTERS THESIS(1967). (0)

THIS STUDY PRESENTS DETAILED INFORMATION ON THE
AREAL EXTENT, THICKNESS, AND LITHOLOGY OF PLEISTOCENE
GRAVELIFEROUS DEPOSITS AND THEIR RELATION TO UNDERLYING TERTIARY
DEPOSITS. A GEOLOGIC MAP AND ISOPACH MAPS ARE INCLUDED.
PRELIMINARY INVESTIGATION OF THE GROUND-WATER RESOURCES OF COPIAH COUNTY. PROCEEDINGS OF THE MISS. WATER RESOURCES CONFERENCE, WATER RESOURCES RESEARCH INSTITUTE, STATE COLLEGE, MS., PAPER (1967). (2)

BRIEF DISCUSSIONS OF THE MAJOR WATER BEARING UNITS ARE INCLUDED IN THIS SHORT PAPER.


U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, MISS. RIVER AND TRIBUTARIES, RED RIVER BACKWATER AREA, LA. DESIGN MEMORANDUM NO. 4, DETAILED DESIGN MEMORANDUM FOR LONG BRANCH DRAINAGE STRUCTURE, VICKSBURG, MISS., DESIGN MEMORANDUM (1967). (6)

BICKER, A. R., JR., COPIAH COUNTY GEOLOGY AND MINERAL RESOURCES. MISS. GEOLOGICAL, ECONOMIC AND TOPOGRAPHIC SURVEY BULLETIN NO. 110, SURVEY BULLETIN (1969). (2)

IN ADDITION TO A SECTION ON GENERAL GEOLOGIC SETTING, THERE ARE SECTIONS DEVOTED TO GROUNDWATER RESOURCES AND SUBSURFACE STRATIGRAPHY. A COLORED GEOLOGIC MAP IS INCLUDED WITH THE REPORT.

The distribution of environments of deposition are portrayed for 10 quadrangles. Each quad is accompanied by one or more detailed cross sections. Upland formations are identified according to latest available information.


CHILDRESS, SARAH C., AND OTHERS, GEOLOGY AND MAN IN ADAMS COUNTY, MISSISSIPPI. MISS. GEOLOGICAL SURVEY, ENVIRONMENTAL GEOLOGY SERIES NO. 4, JACKSON, MS., GEOLOGICAL SURVEY (1976). (2)

This atlas-type book contains sections on geography and physiography, geology, geologic hazards, waste disposal, water resources, transportation and recreation, present land use, historic and aesthetic factors.


SUPPL. C, LEVEES, VICKSBURG, MS., DESIGN MEMO (1975). (6)

U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, RED RIVER BACKWATER AREA, LA. FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES PROJECT. DESIGN MEMO NO. 3, REAL ESTATE, LARTO LAKE TO JONESVILLE LEVEE, SUPPL. B, VICKSBURG, MISS., DESIGN MEMO (1975). (6)

SUPPL. H, CATAHOULA LAKE TO JONESVILLE, NEW LEVEE;
SUPPL. I, CATAHOULA LAKE TO JONESVILLE, NEW LEVEE

U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, RED RIVER BACKWATER AREA, LA. FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES PROJECT. DESIGN MEMO NO. 5, TENSAS COCODRIE PUMPING PLANT-SITE SELECTION, SUPPL. NO. 1, VICKSBURG, MS., DESIGN MEMO (1977). (6)

1752 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE. RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS, AND OKLA.,-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 2, GENERAL DESIGN MEMO, NEW ORLEANS, LA., DESIGN MEMO (1976). (6) PHASE I, PLAN FORMULATION AND SITE SELECTION.

1753 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE. RED RIVER WATERWAY, LOUISIANA, TEXAS, ARKANSAS, AND OKLA.,-MISS. RIVER TO SHREVEPORT, LA. DESIGN MEMO NO. 15, ENVIRONMENTAL ANALYSIS, VOL 3, DESIGN MFMO (1975). (6) CLIMATOLOGY, GEOLOGY, HYDROLOGY, AND POLLUTION SOURCES AND STANDARDS, NEW ORLEANS, LA.

1754 MARIE, JAMES, R., GROUND-WATER RESOURCES OF AVOYELLES PARISH, LOUISIANA. LA. GEOLOGICAL SURVEY, WATER RESOURCE BULLETIN 15, BATON ROUGE, LA., GEOL SURVEY BULLETIN (1971). (2)


1756 MILBRANDT, ALLAN CARL, SOIL SURVEY OF AMITE COUNTY, MISS.. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY(1976). (2)
PLATE B25 - LAKE CHARLES

1120 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, CALCASIEU RIVER AND PASSES, LA. DESIGN MEMORANDUM NO. 4, DETAIL, CALCASIEU RIVER SALTMWATER BARRIER, NEW ORLEANS, LA., DESIGN MEMORANDUM (1964). (6)


THIS REPORT CONTAINS NO GEOLOGIC DATA ON FORMATIONS. ONLY BRIEF DESCRIPTIONS OF AQUIFERS ARE INCLUDED; HOWEVER, THE REPORT DOES CONTAIN THE LOGS OF SELECTED WELLS.


THE COMPOSITION, GENESIS, AND STRATIGRAPHIC RELATIONS OF A 250-SQUARE-MILE AREA OF SILT DEPOSITS UP TO 25 FEET THICK ARE DISCUSSED IN THIS PAPER.

1431 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, MERMENTAU RIVER, LOUISIANA. DESIGN MEMORANDUM NO. 1, GENERAL DESIGN, PREPARED BY BROWN & BUTLER, BATON ROUGE, LA., DESIGN MEMORANDUM NO. 1 (1968). (6)


ALSO ON PLATE B26.

PLATE 126 - BATON ROUGE


The hydrologic characteristics of Quaternary aquifers are the main concern of this report. A well location map and geologic sections are included, but well logs are not presented.


Discussions of the location and nature of a major fault form the basic part of this brief report.


Perhaps the most useful part of this short report is a map showing the hydrologic features of the Lake Pontchartrain Basin. No basic data are included, however.


Engineering soil types are defined, described, tabulated according to their physical properties, and delineated on photo strip maps.
1062 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 7, HAMMOND-SLIDELL STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., STRIP MAPS (1963). (2) ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.

1063 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 8, BATON ROUGE-HAMMOND STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., STRIP MAP (1964). (2) ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.

1064 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 9, BATON ROUGE-KENNER STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., STRIP MAP (1964). (2) ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.


1118 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN AND VICINITY, LA. DESIGN MEMORANDUM NO. 12, SOURCES OF CONSTRUCTION MATERIALS, NEW ORLEANS, LA., DESIGN MEMORANDUM (1966). (6)

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LA. GENERAL DESIGN MEMORANDUM, SUPPLEMENT NO. 1, DESIGN MEMORANDUM, SUPPLEMENT (1963). (6)

PARSONS, BRIAN E., GEOLOGICAL FACTORS INFLUENCING RECHARGE TO THE BATON ROUGE GROUND-WATER SYSTEM, WITH EMPHASIS ON THE CITRONELLE FORMATION. UNPUBLISHED MASTERS THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., UNPUBLISHED MASTERS THESIS (1967). (0)

THIS STUDY PRESENTS DETAILED INFORMATION ON THE AREAL EXTENT, THICKNESS, AND LITHOLOGY OF PLEISTOCENE GRAVELIFEROUS DEPOSITS AND THEIR RELATION TO UNDERLYING TERTIARY DEPOSITS. A GEOLOGIC MAP AND ISOPACH MAPS ARE INCLUDED.

MARTINEZ, JOSEPH D., THE RECENT ALLUVIUM OF THOMAS AND DUNCAN POINTS. LOUISIANA WATER RESOURCES RESEARCH INSTITUTE TECHNICAL REPORT NO. 1, LOUISIANA STATE UNIV., BATON ROUGE, LA., TECHNICAL REPORT (1967). (2)

AVAILABLE GEOLOGIC DATA WERE REVIEWED TO DETERMINE THE NATURE AND THICKNESS OF ALLUVIAL DEPOSITS THAT MIGHT BE A SOURCE OF GROUNDWATER FOR THE BATON ROUGE AREA.

CARDWELL, G. T., AND OTHERS, WATER RESOURCES OF THE LAKE PONTCHARTRAIN AREA, LA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO. 12, BATON ROUGE, LA., WATER RESOURCES BULLETIN (1967). (2)

THE TEXT OF THIS REPORT IS CONCERNED ALMOST EXCLUSIVELY WITH GROUNDWATER AND SURFACE WATER HYDROLOGY. HOWEVER, THERE ARE SEVERAL PLATES OF CROSS SECTIONS WITH LITHOLOGIC DATA.

FRAZIER, DAVID E., RECENT DELTAIC DEPOSITS OF THE MISS. RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, SAN ANTONIO, TX., TRANSACTIONS (1967). (5)

DETAILED FACIES ANALYSES OF CORES FROM HUNDREDS OF BORINGS AND MORE THAN ONE HUNDRED RADIOCARBON DATES HAVE PERMITTED THE RECOGNITION AND DELINEATION OF SIXTEEN DELTA LOBES FORMED DURING THE PAST 6,000 YEARS.
1234 U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FONTCHARTRAIN BASIN, TANGIFAHOO RIVER, L.A. DETAILED PROJECT REPORT, NEW ORLEANS, LA., PROJECT REPORT (1967). (6)


1361 WINNER, M. D., JR., AND OTHERS. WATER RESOURCES OF POINTE COUFEES PARISH, L.A. LOUISIANA GEOLOGICAL SURVEY, WATER RESOURCES BULLETIN NO. 11, BATON ROUGE, LA., WATER RESOURCES BULLETIN (1968). (2)


THIS REPORT IS VERY BRIEF AND GENERAL; HOWEVER, IT DOES CONTAIN DATA ON THE PIEZOMETRIC SURFACE IN THE AREA AND THE LOGS OF SELECTED WELLS.

1311 CULLINAN, T. A., CONTRIBUTIONS TO THE GEOLOGY OF WASHINGTON AND ST. TAMMANY PARISHES, LOUISIANA. PH.D. DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., DISSERTATION (1969). (0)

THIS DISSERTATION IS CONCERNED PRIMARILY WITH THE LITHOLOGY AND STRATIGRAPHY OF THE QUATERNARY TERRACE AND FLOODPLAIN DEPOSITS AS RELATED TO THE OCCURRENCE AND PETROGRAPHY OF GRAVEL DEPOSITS.


SAMPLES FROM A FRESH-WATER CLAY SEQUENCE WERE EXAMINED PRIMARILY BY X-RADIOGRAPHY TO DISCERN DIAGENETIC FEATURES SUCH AS CEMENTATION, REPLACEMENT OF ORGANIC FRAGMENTS, AND NODULE FORMATION.
1316 DANCE, R. E., AND OTHERS, SOIL SURVEY OF EAST BATON ROUGE
PARISH, I.A. U.S. DEPARTMENT OF AGRICULTURE, SOIL
CONSERVATION SERVICE, WASHINGTON, D. C., SOIL SURVEY
(1968). (2)

1320 FRINITZSH, E. L., AND SMITH, F. L., GEOLOGY OF BACkSWAMP
DEPOSITS IN THE ATCHAFALAYA BASIN, LA. U. S. ARMY
ENGINEER WATERWAYS EXPERIMENT STATION, TECH. REPORT NO.
5-69-8, VICKSBURG, MS., TECH. REPORT (1969). (2)
X-RADIOGRAPHIC TECHNIQUES WERE USED TO CLASSIFY AND
CORRELATE THE DEPOSITS INTO ENVIRONMENTS OF DEPOSITION.
THE SEDIMENTARY CHARACTERISTICS OF EACH ENVIRONMENT ARE
DISCUSSED AND VARIATIONS IN STRENGTH PARAMETERS ARE
RELATED TO THE VARYING CHARACTERISTICS.

1322 ROLLO, J. R., SALT-WATER ENCROACHMENT IN AQUIFERS OF THE
BATON ROUGE AREA, LA. DEPARTMENT OF CONSERVATION, LA.
GEOLoGICAL SURVEY WATER RESOURCES BULLETIN NO. 13, BATON
ROUGE, LA., WATER RESOURCES BULLETIN (1969). (2)
THIS REPORT CONTAINS CONTOUR MAPS OF WATER LEVELS IN
VARIOUS AQUIFERS AND DISCUSSES THE OCCURRENCE OF SALINE
GROUNDWATER; HOWEVER, IT IS PERHAPS MOST VALUABLE FOR ITS
DISCUSSION OF THE BATON ROUGE FAULT ZONE.

1327 KAZMANN, R. G., AND HEATH, M. M., LAND SUBLlSIENCE RELATED
TO GROUND-WATER OFFTAKE IN THE NEW ORLEANS AREA. TRANSACTIONS,
GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 18, TRANSACTIONS
(1966). (5)
SUBLlSIENCE OF AS MUCH AS 1.7 FEET BETWEEN 1938 AND
1964 IS ATTRIBUTED MAINLY TO PUMPAGE FROM THE 700-FT SAND.

1330 FRANZMANN, F. K., HISTORY OF SEDIMENTATION OF DUNCAN
POINT, A POINT BAR ON THE MISS. RIVER, LA. UNPUBLISHED
THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., UNPUBLISHED
THESIS (1969). (4)
ANOMALOUS ACCRETION PATTERNS ON THE POINT DURING THE
PAST 78 YEARS ARE EVALUATED IN TERMS OF EXTERNAL
INFLUENCES SUCH AS UPSTREAM REVEETMENT PLACEMENT AND DIVERSION.

1339 U. S. ARMY ENGINEER WES, CE, GEOLOGICAL INVESTIGATION OF
THE MISS. RIVER AREA, ARThONISH TO DONALDSONVILLE, LA, BY
R. T. SAUCIER. TECHNICAL REPORT NO. 5-69-4, TECHNICAL
REPORT (1969). (2)
THE DISTRIBUTION OF ENVIRONMENTS OF DEPOSITION ARE
PORTRAYED FOR 10 QUADRANGLES. EACH QUAD IS ACCOMPANIED BY
ONE OR MORE DETAILED CROSS SECTIONS. UPLAND FORMATIONS
ARE IDENTIFIED ACCORDING TO LATEST AVAILABLE INFORMATION.
1384 Smith, C. G., Jr., Geochemistry of the Shallow Aquifers of Baton Rouge, La. Louisiana Water Resources Research Institute, Baton Rouge, La., Report (1969). (2)
A short but detailed report containing structure and isopach maps and cross sections. The formation identifications and correlations reflect the attitude of Louisiana State Univ. Geologists and are not widely accepted elsewhere.

1385 Louisiana Agricultural Experiment Station, East Feliciana Parish, Louisiana. General Soil Map, Baton Rouge, La., Soil Map (1967). (2)

This report discusses subsidence in the Baton Rouge area caused by groundwater diversion, proceeding at a rate of 4 inches in 5 years, with that caused by the Baton Rouge fault zone, proceeding at a rate of 2.5 inches in 10 years. Benchmark and survey data are included.


1767 MATTHEWS, DAYTON. SOIL SURVEY OF ASSUMPTION PARISH, LA. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1978). (2)
  ALSO ON PLATE B29.

1768 MURPHY, KENNETH E., AND OTHERS. SOIL SURVEY OF ST. MARTIN PARISH, LA. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1977). (2)
  ALSO ON PLATE B25.

1769 SPICER, BRADLEY E., AND OTHERS. SOIL SURVEY OF ASCENSION PARISH, LA. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1976). (2)

1770 COCKERHAM, WARREN L., SOIL SURVEY OF ST. JAMES AND ST. JOHN THE BAPTIST PARISHES, LA. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1973). (2)

1771 SPICER, BRADLEY E., AND OTHERS. SOIL SURVEY OF IBERVILLE PARISH, LA. U. S. SOIL CONSERVATION SERVICE, WASHINGTON, D.C., SOIL SURVEY (1977). (2)

  ALSO ON PLATE B29.

Perhaps the most useful part of this short report is a map showing the hydrologic features of the Lake Pontchartrain Basin. No basic data are included, however.


Engineering soil types are defined, described, tabulated according to their physical properties, and delineated on photo strip maps.


Hydrologic data form the greater part of the report—however, descriptions of some of the shallower aquifers are significant. Cross sections but no logs of wells are included.

1119 U. S. Army Engineer District, New Orleans, Ce. Lake Pontchartrain and Vicinity, La. Design Memorandum No. 12, Sources of Construction Materials, New Orleans, La., Design Memorandum (1966). (6)


The text of this report is concerned almost exclusively with groundwater and surface water hydrology, however, there are several plates of cross sections with lithologic data.
Detailed facies analyses of cores from hundreds of borings and more than one hundred radiocarbon dates have permitted the recognition and delineation of sixteen delta lobes formed during the past 5,000 years.


Subsidence of as much as 1.7 feet between 1938 and 1964 is attributed mainly to pumpage from the 700-ft sand.

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA, AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN. DESIGN MEMO NO. 2 - GENERAL DESIGN, CITRUS BACK LEVEE. NEW ORLEANS, LA., DESIGN MEMO (1967). (6)


U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA, AND VICINITY, NEW ORLEANS, LA. DESIGN MEMO NO. 2, SUPPL. NO. 5A, CITRUS LAKEFRONT LEVEE; DESIGN MEMO NO. 2, SUPPL. NO. 5B, NEW ORLEANS EAST LAKEFRONT LEVEE; DESIGN MEMO NO. 2, SUPPL. NO. 9, DESIGN MEMOS (1973). (6)

NEW ORLEANS EAST LEVEE.


U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, MISSISSIPPI RIVER-GULF OUTLET, MICHOUD CANAL, LOUISIANA. DESIGN MEMO NO. 1, GENERAL DESIGN, NEW ORLEANS, LA., DESIGN MEMO (1973). (0)
FLAT LIE RORT ARTHUR

1970 BROWN, BILLY H., RECENT SEDIMENTATION IN THE CHENIER TREND OF ROCKEFELLER REFUGE, CAMERON PARISH, LA. UNPUBLISHED MASTERS THESIS, UNIV. OF SOUTHWESTERN LA., LAFAYETTE, LA., UNPUBLISHED MASTERS THESIS (1964). (1)

THE USEFULNESS OF THE REPORT IS ENHANCED BY THE ADDITION OF MUCH BASIC DATA SUCH AS LOGS OF BORINGS, CROSS SECTIONS AND A CONTOUR MAP OF THE TOP OF THE PLEISTOCENE ARE ALSO INCLUDED.

1119 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE. FRESHWATER BAYOU, LA. GENERAL DESIGN MEMORANDUM NO. 1, SUPPLEMENT NO. 1, MODIFICATION OF NAVIGATION LOCK SIZE AND TYPE, NEW ORLEANS, LA., DESIGN MEMORANDUM (1964). (6)

1151 COLEMAN, JAMES M., COASTAL SEDIMENTS AND LATE RECENT RISE OF SEA LEVEL, VERMILION, IBERIA, AND ST. MARY PARISHES, LA. UNPUBLISHED PHD DISSERTATION, LA. STATE UNIV., BATON ROUGE, LA., UNPUBLISHED PHD DISSERTATION (1966). (4)

ALTHOUGH PRIMARILY CONCERNED WITH SEA LEVEL VARIATIONS, THIS DISSERTATION CONTAINS DETAILED DESCRIPTIONS OF THE SEDIMENTARY, FAUNAL, AND FLORAL CHARACTERISTICS OF THE ENVIRONMENTS OF DEPOSITION IN THE AREA.


THE NATURE AND DISTRIBUTION OF BEACH AND BOTTOM SEDIMENTS ARE DISCUSSED IN THIS DISSERTATION. SEDIMENT GRAIN-SIZE DATA ARE CONTAINED IN AN APPENDIX.

1431 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, MERMENTAU RIVER, LA. DESIGN MEMORANDUM NO. 1, GENERAL DESIGN, PREPARED BY BROWN AND BUTLER, BATON ROUGE, LA., DESIGN MEMORANDUM (1968). (6)

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PLATE B29 - NEW ORLEANS

1064 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 5. BATON ROUGE-KENNER STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., STRIP MAPS (1964). (2)

ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.


ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES AND DELINEATED ON PHOTO STRIP MAPS; LOGS OF BORINGS ARE INCLUDED IN SEVERAL SELECTED CROSS SECTIONS.

1102 ROLLO, J. R., GROUND-WATER RESOURCES OF THE GREATER NEW ORLEANS AREA, LA. LOUISIANA GEOLOGICAL SURVEY AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, WATER RESOURCES BULLETIN NO. 9, BATON ROUGE, LA., BULLETIN (1966). (2)

HYDROLOGIC DATA FORM THE GREATER PART OF THE REPORT - HOWEVER, DESCRIPTIONS OF SOME OF THE SHALLOWER AQUIFERS ARE SIGNIFICANT. CROSS SECTIONS BUT NO LOGS OF WELLS ARE INCLUDED.

1104 COLEMAN, J. M., ECOLOGICAL CHANGES IN A MASSIVE FRESH-WATER CLAY SEQUENCE. TRANSACTIONS, GULF COAST ASSOC. OF GEOLOGICAL SOCIETIES, VOL 16, LAFAYETTE, LA., TRANSACTIONS (1966). (5)

IDENTIFICATION AND DESCRIPTION OF SUB-ENVIRONMENTS OF DEPOSITION WITHIN THE BACKSWAMP ENVIRONMENT IN THE ATCHAFALAYA BASIN IS THE THEME OF THIS ARTICLE.

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LA. GENERAL DESIGN MEMORANDUM. SUPPLEMENT NO. 1, NEW ORLEANS, LA., DESIGN MEMORANDUM (1967). (6)

COLEMAN, JAMES M., COASTAL SEDIMENTS AND LATE RECENT RISE OF SEA LEVEL, VERMILION, IBERIA, AND ST. MARY PARISHES, LA. UNPUBLISHED PHD DISSERTATION, LOUISIANA STATE UNIV., BATON ROUGE, LA., UNPUBLISHED PHD DISSERTATION (1966). (4)

ALTHOUGH PRIMARILY CONCERNED WITH SEA LEVEL VARIATIONS, THIS DISSERTATION CONTAINS DETAILED DESCRIPTIONS OF THE SEDIMENTARY, FAUNAL, AND FLORAL CHARACTERISTICS OF THE ENVIRONMENTS OF DEPOSITION IN THE AREA.


THE NATURE AND DISTRIBUTION OF BEACH AND BOTTOM SEDIMENTS ARE DISCUSSED IN THIS DISSERTATION. SEDIMENT GRAIN-SIZE DATA ARE CONTAINED IN AN APPENDIX.

FRAZIER, DAVID E., DELTAIC DEPOSITS OF THE MISS. RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANSACTIONS, GULF COAST ASSOC. OF GEOLOGICAL SOCIETIES, VOL. 17, SAN ANTONIO, TX., TRANSACTIONS (1967). (5)

DETAILED FACIES ANALYSES OF CORES FROM HUNDREDS OF BORINGS AND MORE THAN ONE HUNDRED RADIOCARBON DATES HAVE PERMITTED THE RECOGNITION AND DELINEATION OF SIXTEEN DELTA LOBES FORMED DURING THE PAST 6,000 YEARS.


U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE. LAKE PONTCHARTRAIN, LA. AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN. DESIGN MEMORANDUM NO. 2, GENERAL, ADVANCE SUPPLEMENT, INNER HARBOR NAVIGATION CANAL WEST LEVEE, FLORIDA AVE. TO IHNC LOCK, DESIGN MEMORANDUM NO. 2 (1967). (6)

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, BAYOU LAFOURCHE AND LAFOURCHE-JUMP WATERWAY, LA. GENERAL DESIGN MEMORANDUM SUPPLEMENT NO. 2, AUXILIARY CHANNEL, NEW ORLEANS, LA., DESIGN MEMORANDUM (1967). (6)


X-RADIOGRAPHIC TECHNIQUES WERE USED TO CLASSIFY AND CORRELATE THE DEPOSITS INTO ENVIRONMENTS OF DEPOSITION. THE SEDIMENTARY CHARACTERISTICS OF EACH ENVIRONMENT ARE DISCUSSED AND VARIATIONS IN STRENGTH PARAMETERS ARE RELATED TO THE VARYING CHARACTERISTICS.

OTVOS, E. G., JR., A SUBRECENT BEACH RIDGE COMPLEX IN SOUTHEASTERN LA. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, BULLETIN (1969). (5)

THIS SHORT ARTICLE IS CONCERNED WITH THE ORIGIN OF THE MOREAU-CAMINADA BEACH RIDGE COMPLEX IN TERMS OF MISS. RIVER SEDIMENTATION PATTERNS.


SUBSIDENCE OF AS MUCH AS 1.7 FEET BETWEEN 1938 AND 1964 IS ATTRIBUTED MAINLY TO PUMPAGE FROM THE 700-FT SAND.

U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA., AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN. DESIGN MEMO NO. 2 - GENERAL, NEW ORLEANS, LA., DESIGN MEMO (1968). (6)
1351 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY. LAKE PONTCHARTRAIN BARRIER PLAN. DESIGN MEMO NO. 2, GENERAL, NEW ORLEANS, LA., DESIGN MEMO (1967). (6)

1359 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISS. RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LA., RAISING FLOODWALLS AT BERWICK, MORGAN CITY, AND TIGER ISLAND, LA. ST. LOUIS, MO., RAISING FLOODWALLS (1967). (6)


THIS DISSERTATION CONTAINS VALUABLE SEDIMENTOLOGIC DATA TAKEN PARTLY FROM SOILS BORINGS; HOWEVER, STRATIGRAPHIC AND CHRONOLOGIC INTERPRETATIONS ARE QUESTIONABLE.

1386 LOUISIANA AGRICULTURAL EXPERIMENT STATION, GENERAL SOIL MAP, LAFOURCHE PARISH, LA., BATON ROUGE, LA., SOIL MAP (1969). (2)


THE REPORT CONTAINS DESCRIPTIONS OF THE SOILS OF THE PARISH, TABLES OF CHEMICAL AND MINERALOGICAL CHARACTERISTICS, A SMALL-SCALE SOIL ASSOCIATION MAP, AND THE LOGS OF ABOUT 75 SIX- TO TWELVE-FOOT DEEP SOIL PROFILES OR BORINGS.


THIS SUPPLEMENT IS INTENDED TO ADD ESTIMATED ENGINEERING PROPERTIES AND SELECTED LAND USE INTERPRETATIONS TO THE ST. MARY PARISH SOIL SURVEY ISSUED MARCH 1959.


1782 EATON, B. A., GEOLOGICAL, GEOPHYSICAL AND ENGINEERING INVESTIGATION TO EVALUATE THE POTENTIAL OF THE GEOTHERMAL-GEOPRESSURED RESERVOIRS IN SECTION 30, LAFOURCHE PARISH, L.A. FINAL REPORT, FINAL REPORT (1979). (2) THE POTENTIAL FOR DRILLING A WELL AND ENCOUNTERING A GEOPRESSURE SECTION CAPABLE OF YIELDING LARGE QUANTITIES OF FLUIDS FOR A TWO-YEAR FLOW TEST IS EXPLORED.


8100
ROLE OF SALT WEDGE IN BAR-FINGER SAND AND DELTA DEVELOPMENT. AMERICAN ASSOC. OF PETROLEUM GEOLOGISTS BULLETIN, BULLETIN (1970). (5)

THE INTRUSION OF SALT WATER INTO THE RIVER CHANNEL DURING LOW FLOW PERIODS IS POSTULATED TO BE A MAJOR CAUSE OF DEPOSITION OF SAND ALONG THE CHANNEL.


HYDROLOGIC DATA FORM THE GREATER PART OF THE REPORT - HOWEVER, DESCRIPTIONS OF SOME OF THE SHALLOWER AQUIFERS ARE SIGNIFICANT. CROSS SECTIONS BUT NO LOGS OF WELLS ARE INCLUDED.

THE NATURE AND DISTRIBUTION OF BEACH AND BOTTOM SEDIMENTS ARE DISCUSSED IN THIS DISSERTATION. SEDIMENT GRAIN-SIZE DATA ARE CONTAINED IN AN APPENDIX.

THE GRAIN-SIZE DISTRIBUTIONS OF BOTTOM SEDIMENTS WERE CONDUCTED TO ATTEMPT TO IDENTIFY THE SEDIMENTARY PROCESSES OPERATIVE WITHIN THE BAY.

THIS ARTICLE CONTAINS A DETAILED DESCRIPTION OF PRODELA CLAYS. MUCH OF THE DATA WERE DERIVED FROM THE X-RADIOGRAPHY OF CORES AND TESTS ON SAMPLES FROM A CORE BORING IN THE DELTA AREA.
1221 FRAZIER, DAVID E., RECENT DELTAIC DEPOSITS OF THE MISS. RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANSACTIONS, GULF COAST ASSOC. OF GEOLOGICAL SOCIETIES, VOL. 17, SAN ANTONIO, TX., TRANSACTIONS (1967). (5) DETAILED FACIES ANALYSES OF CORES FROM HUNDREDS OF BORINGS AND MORE THAN ONE HUNDRED RADIOCARBON DATES HAVE PERMITTED THE RECOGNITION AND DELINEATION OF SIXTEEN DELTA LOBES FORMED DURING THE PAST 6,000 YEARS.


1264 EMMER, RODNEY E., CREVASSES OF THE LOWER MISS. RIVER DELTA. UNPUBLISHED MASTERS THESIS, LOUISIANA STATE UNIV., BATON ROUGE, LA., UNPUBLISHED MASTERS THESIS (1968). (4) THIS THESIS IS CONCERNED WITH THE GROWTH, HYDROGRAPHY, AND SEDIMENTARY FRAMEWORK OF CREVASSE SPLAYS IN THE RAFAEL PASS AND PASS A LOUTRE AREAS OF THE DELTA.


SOME ATTENTION IS DEVOTED TO THE FORMATION OF THE BARRIER ISLANDS FLANKING THE MISS. RIVER DELTAIC PLAIN AND THEIR RELATION TO SUBDELTAS.


THIS DISSERTATION CONTAINS VALUABLE SEDIMENTOLOGIC DATA TAKEN PARTLY FROM SOILS BORINGS; HOWEVER, STRATIGRAPHIC AND CHRONOLOGIC INTERPRETATIONS ARE QUESTIONABLE.

1784 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, NEW ORLEANS TO VENICE, LOUISIANA, DESIGN MEMO NO. 1, GENERAL DESIGN, DESIGN MEMO NO. 1, SUPPL. NO. 3, DESIGN MEMO NO. 1, SUPPL. NO. 4; DESIGN MEMO NO. 2, DETAIL DESIGN, DESIGN MEMO (1971). (6)

