



TECHNICAL REPORT NO. 3-712

SUPPLEMENT 4

(Supersedes Supplement 3)

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

by

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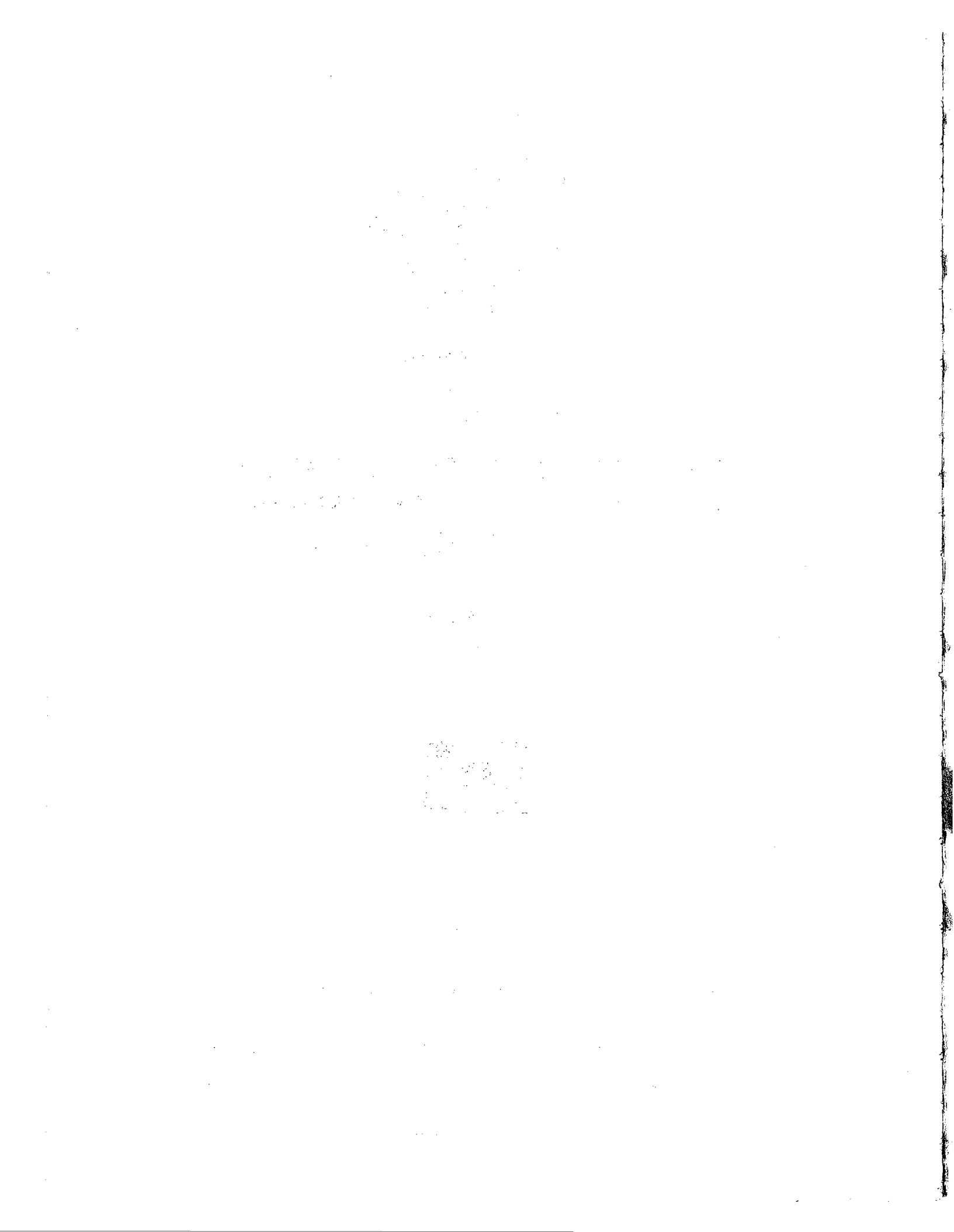
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Foreword

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 6 June 1969, subject, "Status of Soils Division Projects for MRC and LMVD for FY 69 and Request for Funds for Projects for FY 70."

The selection, compilation, and annotation of references contained in this report were accomplished by Dr. Roger T. Saucier of the Geology Branch, Soils Division, WES. Dr. Saucier prepared the report under the supervision of Dr. Charles R. Kolb and Mr. W. B. Steinriede, Jr., of the Geology Branch, Soils Division, and under the general supervision of Messrs. J. P. Sale and R. G. Ahlvin, Chief and Assistant Chief, respectively, of the Soils Division.

Director of the WES during the conduct of this study and the preparation of this report was COL Levi A. Brown, CE. Technical Director was Mr. F. R. Brown.



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Summary

Approximately 60 references to published and unpublished items of geologic literature have been evaluated and annotated since the publication of Supplement 3 in October 1969. The new references have been combined with those in the previous supplements using a magnetic-tape-based system and are presented in this report, which supersedes the previous supplements.



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INDEX AND ANNOTATED BIBLIOGRAPHY

Introduction

Purpose of study

1. After completion of the basic report in January 1966, a method was developed for updating the bibliography through the publication of annual supplements. The method is based on the use of magnetic tape and a series of code listings that (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 fourth in the series to be prepared by this method.

Scope

2. This supplement contains about 60 references that were reviewed between July 1969 (termination date of data collection for Supplement 3) and April 1970 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. A copy of each pertinent reference was obtained and scanned for content; annotations were prepared when it was felt that comments regarding the content of the publication would be helpful.

3. All references contained in Supplement 3 have been combined with the 60 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 each of the twelve

categories listed in Appendix A are presented on separate blue sheets 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, a separate white sheet is included for each of the 30 maps for which new references are available.

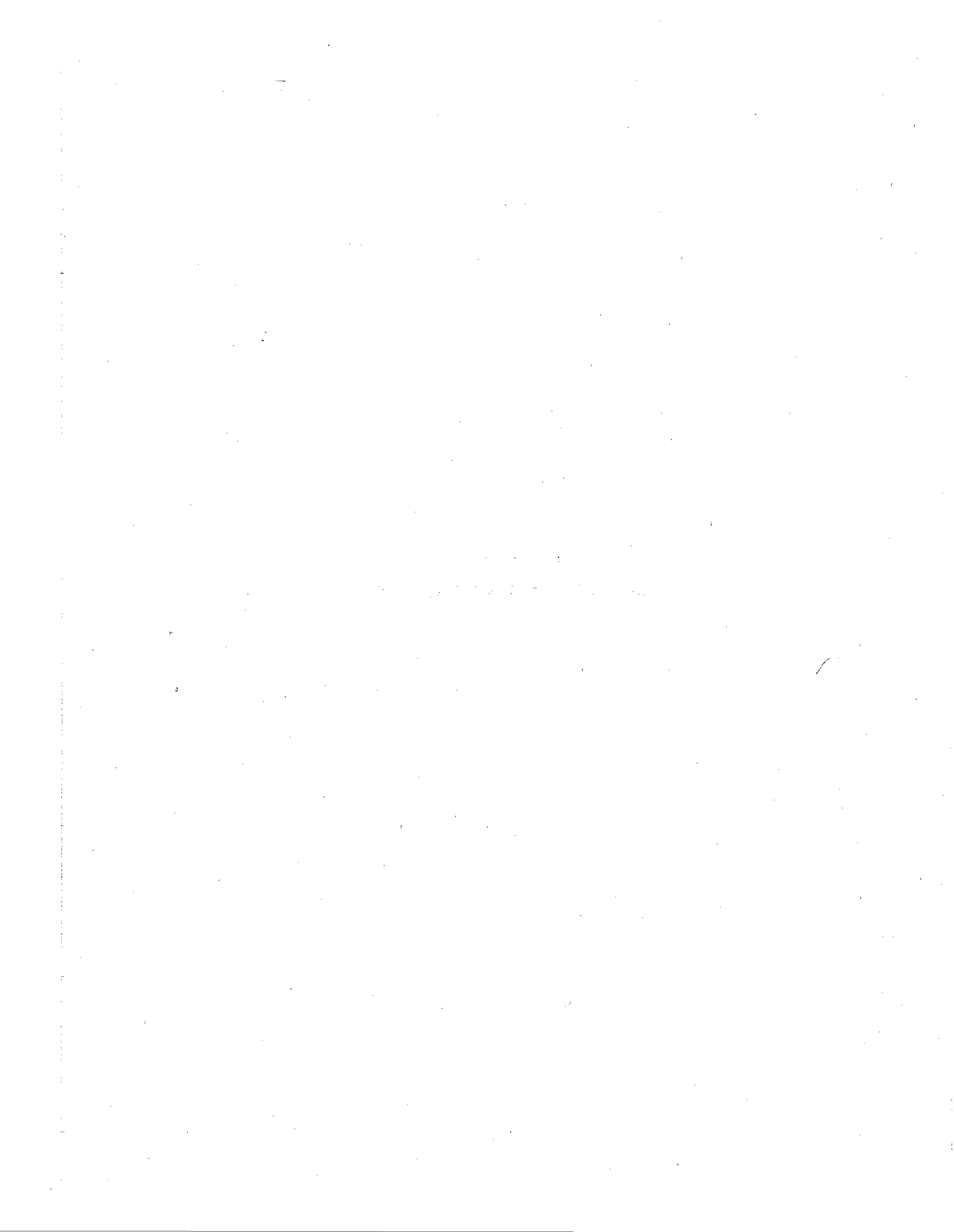
Availability code

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 basis from the Geology Branch, Soils Division, 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

LITERAURE NOT INDEXED ON MAPS



GENERAL GEOLOGIC INVESTIGATION REPORTS

- 1029 COLEMAN, JAMES M., AND GAGLIANO, S. M., SEDIMENTARY STRUCTURES - MISSISSIPPI RIVER DELTAIC PLAIN. PRIMARY SEDIMENTARY STRUCTURES AND THEIR HYDRODYNAMIC INTERPRETATION, SOCIETY OF ECONOMIC PALEONTOLOGISTS AND MINERALOGISTS, SPECIAL PUBLICATION NO. 12 (1965), PP 133-148. (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), WASHINGTON, D. C., 1966 41 PP. (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., 1967. 19 PP. (2)
THE AGE, ORIGIN, AND AREAL DISTRIBUTION OF THE LATE PLEISTOCENE TERRACE ARE DISCUSSED AND ILLUSTRATIONS OF SELECTED LOCATIONS ARE INCLUDED.
- 1225 HAWKINS, M. E., AND JIRIK, C. J., SALT DOMES IN TEXAS, LOUISIANA, MISSISSIPPI, ALABAMA, AND OFFSHORE TIDELANDS, A SURVEY. U. S. DEPT. OF THE INTERIOR, BUREAU OF MINES INFORMATION CIRCULAR 8313, WASHINGTON, D. C., 1966. (2)
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, BATON ROUGE, LA., AUGUST 1967, 55 PP. (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.

- 1257 PAYNE, J. N., HYDROLOGIC SIGNIFICANCE OF THE LITHOFACIES OF THE SPARTA SAND IN ARKANSAS. U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 569-A, WASHINGTON, D. C., 1968. (2)
THE LITHOLOGIC DISTRIBUTION, MODES OF DEPOSITION, THICKNESS, VARIATIONS, AND STRUCTURE OF THE SPARTA SAND ARE DISCUSSED IN THIS REPORT.
- 1263 HOSMAN, R. L., AND OTHERS, TERTIARY AQUIFERS IN THE MISSISSIPPI EMBAYMENT. U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 448-D, WASHINGTON, D. C., 1968, 29 PP. (2)
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.
- 1308 BOSWELL, E. H., AND OTHERS, QUATERNARY AQUIFERS IN THE MISSISSIPPI EMBAYMENT. U. S. GEOLOGICAL SURVEY PROFESSIONAL PAPER 448-E, WASHINGTON, D. C., 1968, 15 PP. (2)
- 1331 OTVOS, E. G., JR., DEVELOPMENT AND MIGRATION OF BARRIER ISLANDS, NORTHERN GULF OF MEXICO. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 81 (1970), PP 241-246. (5)
STRATIGRAPHIC EVIDENCE FROM SEVERAL GULF COAST BARRIERS IS CITED AS INDICATING ORIGIN THROUGH UPWARD AGGRADATION OF SUBMERGED SHOAL AREAS.

STATE GEOLOGIC REPORTS

ARKANSAS

- 1347 SAUCIER, R. T., AND FLEETWOOD, A. R., ORIGIN AND CHRONOLOGIC SIGNIFICANCE OF LATE QUATERNARY TERRACES, OUACHITA RIVER, ARKANSAS AND LOUISIANA. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 81 (1970), PP 869-890. (5)
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

- 1039 LEIGHTON, M. M., AND BROPHY, J. A., ILLINOIAN GLACIATION IN ILLINOIS. JOURNAL OF GEOLOGY, VOL 69, NO. 1 (1961), PP 1-31. (5)
- 1108 FRYE, JOHN C., AND OTHERS, OUTLINE OF GLACIAL GEOLOGY OF ILLINOIS AND WISCONSIN. IN - THE QUATERNARY OF THE UNITED STATES, ED. BY WRIGHT, H. E., JR., AND FREY, D. G., PRINCETON UNIVERSITY PRESS, PRINCETON, NEW JERSEY, 1965, PP 43-61. =ALSO AVAILABLE AS ILLINOIS STATE GEOLOGICAL SURVEY REPRINT SERIES 1965N", (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., 1967, 33 P. (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 AGRI. SPECIAL PUBL. 14, URBANA, ILL., 1968, PP 3-10. (2)

LOUISIANA

- 1030 DIXON, LOUIS H., CENOZOIC CYCLIC DEPOSITION IN THE SUB-SURFACE OF CENTRAL LOUISIANA, DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY BULLETIN NO. 42, BATON ROUGE, LA., 1965, 124 PP. (2)

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

- 1347 SAUCIER, R. T., AND FLEETWOOD, A. R., ORIGIN AND CHRONOLOGIC SIGNIFICANCE OF LATE QUATERNARY TERRACES, OUACHITA RIVER, ARKANSAS AND LOUISIANA. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 81 (1970), PP 869-890, (5)

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

STATE GEOLOGIC MAPS

ARKANSAS

- 1035 OETKING, PHILIP, FERAY, D. E., AND RENFRO, H. B., GEOLOGICAL HIGHWAY MAP, MID-CONTINENT REGION (KANSAS, MISSOURI, OKLAHOMA, ARKANSAS). AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, TULSA, OKLAHOMA, 1966. (2)

ILLINOIS

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

MISSISSIPPI

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

MISSOURI

- 1035 OETKING, PHILIP, FERAY, D. E., AND RENFRO, H. B., GEOLOGICAL HIGHWAY MAP, MID-CONTINENT REGION (KANSAS, MISSOURI, OKLAHOMA, ARKANSAS). AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS, TULSA, OKLAHOMA, 1966. (2)
- 1054 MISSOURI GEOLOGICAL SURVEY, THE MINERAL RESOURCES AND INDUSTRY MAP OF MISSOURI. 1/500,000, ROLLA, MO., 1965. (2)

TENNESSEE

- 1103 HARDEMAN, WILLIAM D., GEOLOGIC MAP OF TENNESSEE, WEST SHEET. 1/250,000, TENNESSEE DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, 1966. (2)

STATE SOILS REPORTS AND SOILS MAPS

ARKANSAS

- 1227 SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF ARKANSAS, LOUISIANA, AND MISSOURI. SOIL SURVEY INVESTIGATIONS REPORT NO. 6, WASHINGTON, D. C., AUGUST 1966, 137 PP. (2)

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

KENTUCKY

- 1212 SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF KENTUCKY. SOIL SURVEY INVESTIGATIONS REPORT NO. 14, WASHINGTON, D. C., MAY 1967, 137 PP. (2)

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

LOUISIANA

- 1227 SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF ARKANSAS, LOUISIANA, AND MISSOURI. SOIL SURVEY INVESTIGATIONS REPORT NO. 6, WASHINGTON, D. C., AUGUST 1966, 137 PP. (2)

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

- 1315 U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, ENGINEERING AND OTHER SELECTED USE INTERPRETATIONS, SOILS OF LOUISIANA. ALEXANDRIA, LA., 1968. (2)

REPORT CONTAINS A TEXTURAL CLASSIFICATION OF EACH SOIL TYPE TO A DEPTH OF 48 INCHES. EACH TYPE IS RATED AC-

CORDING TO ITS SUITABILITY FOR SUCH PURPOSES AS HIGHWAY LOCATION, POND DEVELOPMENT, HOMESITES, AND PLAYGROUNDS.

MISSISSIPPI

1228

SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF MISSISSIPPI. SOIL SURVEY INVESTIGATIONS REPORT NO. 13, WASHINGTON, D. C., MAY 1967, 181 PP. (2)

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

MISSOURI

1227

SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF ARKANSAS, LOUISIANA, AND MISSOURI. SOIL SURVEY INVESTIGATIONS REPORT NO. 6, WASHINGTON, D. C., AUGUST 1966, 137 PP. (2)

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

TENNESSEE

1207

SOIL CONSERVATION SERVICE, U. S. DEPARTMENT OF AGRICULTURE, SOIL SURVEY LABORATORY DATA AND DESCRIPTIONS FOR SOME SOILS OF TENNESSEE. SOIL SURVEY INVESTIGATIONS REPORT NO. 15, WASHINGTON, D. C., MAY 1967, 241 PP. (2)

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

STATE WATER RESOURCES REPORTS

ARKANSAS

- 1285 HOSMAN, R. L., GEOHYDROLOGY OF THE COASTAL PLAIN AQUIFERS OF ARKANSAS. U. S. GEOLOGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS HA-309, WASHINGTON, D. C., 1969. (2)
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.

ILLINOIS

- 1091 CARTWRIGHT, KEROS, GROUND-WATER SUPPLIES ALONG THE INTER-STATE HIGHWAY SYSTEM IN ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY ENVIRONMENTAL GEOLOGY NOTES 11, URBANA, ILL., 1966, 20 PP. (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 - THE QUATERNARY OF ILLINOIS, UNIV. ILLINOIS COLLEGE AGRI. SPECIAL PUBL. 14, URBANA, ILL., 1968, PP 157-164. (2)

LOUISIANA

- 1286 WINSLOW, A. G., AND OTHERS, SALINE GROUND WATER IN LOUISIANA. U. S. GEOLOGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS HA-310, WASHINGTON, D. C., 1968. (2)
ATLAS CONSISTS OF FOUR MAPS AT A SCALE OF 1/750,000.

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., 1965, 86 PP. (2)

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

STATE MINERAL RESOURCES REPORTS

ARKANSAS

- 1361 STROUD, R. B., ET AL, MINERAL RESOURCES AND INDUSTRIES OF ARKANSAS. U. S. BUREAU OF MINES BULLETIN 645, WASHINGTON, D. C., 1969, 418 P. (2)

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.

MISSOURI

- 1226 U. S. GEOLOGICAL SURVEY AND OTHERS, MINERAL AND WATER RESOURCES OF MISSOURI. MISSOURI GEOLOGICAL SURVEY AND WATER RESOURCES, VOL 43, SECOND SERIES, 1967, 399 PP. (2)

THIS IS A COMPREHENSIVE SURVEY OF THE RESOURCES OF THE STATE WITH NUMEROUS MAPS AND CHARTS.

TEXAS

- 1084 FISHER, W. L., AND OTHERS, ROCK AND MINERAL RESOURCES OF EAST TEXAS. THE UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, REPORT OF INVESTIGATIONS NO. 54, AUSTIN, TEX., 1965, 439 PP. (2)

THIS LARGE, WELL-ILLUSTRATED REPORT CONTAINS A VALUABLE SECTION ON PHYSIOGRAPHY AND GEOLOGY. A COMPREHENSIVE BIBLIOGRAPHY AND LOCALITY REGISTER ADD TO THE IMPORTANCE OF THE DESCRIPTIVE SUMMARIES OF RESOURCES.

EARTHQUAKES

1176 EPPLEY, R. A., EARTHQUAKE HISTORY OF THE UNITED STATES, PART 1 STRONGER EARTHQUAKES OF THE UNITED STATES (EXCLUSIVE OF CALIFORNIA AND WESTERN NEVADA). U. S. COAST AND GEODETIC SURVEY, WASHINGTON, D. C., 1965. 120 PP. (2)
THIS REPORT CONTAINS NO GEOLOGIC DATA. HOWEVER, IT IS VALUABLE BECAUSE OF CHRONOLOGICAL LISTINGS AND DESCRIPTIONS OF EARTHQUAKES.

1223 GOODWIN, MICHAEL L., ANALYSIS OF THE SOUTHEAST MISSOURI EARTHQUAKE OF MARCH 3, 1963. UNPUBLISHED THESIS, ST. LOUIS UNIVERSITY, ST. LOUIS, MO., 1965. (4)

LOESS

- 1047 SNOWDEN, J. O., JR., PETROLOGY OF MISSISSIPPI LOESS. UNPUBLISHED DOCTORAL DISSERTATION, UNIVERSITY OF MISSOURI, COLUMBIA, MO., 1966, (4)
OF THE SEVERAL SECTIONS, THOSE CONCERNED WITH THICKNESS AND AREAL DISTRIBUTION AND STRATIGRAPHY ARE OF MOST INTEREST TO THE ENGINEERS.
- 1050 FEHRENBACHER, J. B., AND OTHERS, LOESS DISTRIBUTION IN SOUTHEASTERN ILLINOIS AND SOUTHWESTERN INDIANA. SOIL SCIENCE SOCIETY OF AMERICA PROCEEDINGS, VOL 29, NO. 5 (1965), PP 566-572. (5)
- 1051 FEHRENBACHER, J. B., AND OTHERS, LOESS COMPOSITION IN SOUTHEASTERN ILLINOIS AND SOUTHWESTERN INDIANA. SOIL SCIENCE SOCIETY OF AMERICA PROCEEDINGS, VOL 29, NO. 5 (1965), PP 572-579. (5)
- 1219 KRINITZSKY, E. L., AND TURNBULL, W. J., LOESS DEPOSITS OF MISSISSIPPI. GEOLOGICAL SOCIETY OF AMERICA SPECIAL PAPER 94, NEW YORK, N. Y., 1967, 64 PP. (2)
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 =APRIL 1968), PP. 9-19. (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.
- 1288 SNOWDEN, J. O., JR., AND PRIDY, R. R., GEOLOGY OF MISSISSIPPI LOESS. MISSISSIPPI GEOLOGICAL SURVEY BULLETIN 111, JACKSON, MISS., 1968, PP. 1-203. (2)
- 1342 GLASS, H. D., AND OTHERS, CLAY MINERAL COMPOSITION, A SOURCE INDICATOR OF MIDWEST LOESS. IN - THE QUATERNARY OF ILLINOIS, UNIV. ILLINOIS COLLEGE AGRI. SPECIAL PUBL. 14, URBANA, ILL., 1968, PP 35-40. (2)

MINERALOGY AND PETROLOGY

- 1047 SNOWDEN, J. O., JR., PETROLOGY OF MISSISSIPPI LOESS. UNPUBLISHED DOCTORAL DISSERTATION, UNIVERSITY OF MISSOURI, COLUMBIA, MO., 1966. (4)
OF THE SEVERAL SECTIONS, THOSE CONCERNED WITH THICKNESS AND AREAL DISTRIBUTION AND STRATIGRAPHY ARE OF MOST INTEREST TO THE ENGINEERS.
- 1048 WILLMAN, H. B., GLASS, H. D., AND FRYE, J. C., MINERALOGY OF GLACIAL TILLS AND THEIR WEATHERING PROFILES IN ILLINOIS. PART II. WEATHERING PROFILES. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 400, URBANA, ILL., 1966, 76 PP. (2)
ALTHOUGH THIS ARTICLE IS MAINLY CONCERNED WITH MINERALOGY, DESCRIPTIONS OF SOIL PROFILES AND SELECTED GEOLOGIC SECTIONS ARE OF VALUE TO THE ENGINEER OR GEOLOGIST.
- 1164 HOWARD, C. E., PETROGRAPHY OF THE JACKFORK SANDSTONE AT DEGRAY DAM, CLARK COUNTY, ARKANSAS. UNPUBLISHED PHD DISSERTATION, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., 1963, 204 PP. (4)
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, MISS., AUGUST 1967. 62 PP. (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.
- 1254 HUNTER, R. E., THE PETROLOGY OF SOME ILLINOIS PLEISTOCENE AND RECENT SANDS. ILLINOIS STATE GEOLOGICAL SURVEY, REPRINT SERIES 1967-L, URBANA, ILL., 1967. (2)
- 1278 HUNTER, RALPH E., HEAVY MINERALS OF THE CRETACEOUS AND TERTIARY SANDS OF EXTREME SOUTHERN ILLINOIS. ILLINOIS

GEOLOGICAL SURVEY CIRCULAR 428, URBANA, ILL., 1968. (2)
THE PRINCIPAL SAND UNITS OF THE AREA ARE DESCRIBED
BRIEFLY; HOWEVER, MOST OF THE REPORT IS CONCERNED WITH THE
MINERALOGIC COMPOSITION OF SPECIFIC SAMPLES.

1280 PARK, D. E., JR., AND CRONEIS, C., ORIGIN OF CABALLOS AND
ARKANSAS NOVACULITE FORMATIONS. AMERICAN ASSOCIATION OF
PETROLEUM GEOLOGISTS BULLETIN, VOL 53, NO. 1 (1969), PP
94-111. (5)

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

1332 ROSEN, N. C., HEAVY MINERALS AND SIZE ANALYSIS OF THE
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GUIDEBOOKS

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- 1208 CLINE, L. M., AND OTHERS, GUIDEBOOK, 29TH FIELD CONFERENCE ON FLYSCH FACIES AND STRUCTURE OF THE OUACHITA MOUNTAINS. KANSAS GEOLOGICAL SOCIETY, WICHITA, KANSAS, NOVEMBER 1966, 278 PP. (2)
A DETAILED ROAD LOG IS INCLUDED FOR THE 437-MILE-TRIP AND, IN ADDITION, THERE ARE NINE TECHNICAL PAPERS WHICH COVER VARIOUS ASPECTS OF THE TOPIC SUCH AS THE GENERAL GEOLOGIC SETTING OF THE AREA AND STRATIGRAPHIC AND PETROGRAPHIC STUDIES.
- 1213 ARKANSAS GEOLOGICAL COMMISSION, FIELD TRIP GUIDE BOOK, CENTRAL ARKANSAS, ECONOMIC GEOLOGY AND PETROLOGY. LITTLE ROCK, ARK., 1967, 28 PP. (2)
THIS GUIDEBOOK IS CONCERNED WITH THE AREA BETWEEN LITTLE ROCK AND HOT SPRINGS AND CONTAINS DESCRIPTIONS OF MINES AND MINERALS.

ILLINOIS

- 1046 ILLINOIS STATE GEOLOGICAL SURVEY, GUIDE LEAFLET 1961A, GEOLOGICAL SCIENCE FIELD TRIP, SPARTA AREA. ILLINOIS STATE GEOLOGICAL SURVEY, 1961, 11 PP. (2)
- 1049 ILLINOIS STATE GEOLOGICAL SURVEY, GUIDE LEAFLET 1961F, GEOLOGICAL SCIENCE FIELD TRIP, VALMEYER AREA. ILLINOIS STATE GEOLOGICAL SURVEY, URBANA, ILL., 1961, 11 PP. (2)
- 1074 HARRIS, STANLEY E., JR., TWENTY-FIFTH ANNUAL TRI-STATE GEOLOGICAL FIELD CONFERENCE GUIDEBOOK. CARBONDALE, ILL., 1961, 24 PP. (1)
DESCRIPTIONS OF EXPOSURES FORM THE BASIC PART OF THIS REPORT. A GEOLOGIC MAP, CROSS SECTIONS, AND A COLUMNAR SECTION ARE ALSO INCLUDED.

LOUISIANA

- 1041 DURHAM, C. O., AND WHITE, W. S., JR., A GUIDED GEOLOGICAL TOUR THROUGH NORTH AND CENTRAL LOUISIANA. INTERIOR SALT

DOMES AND TERTIARY STRATIGRAPHY OF NORTH LOUISIANA, 1960
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- 1214 KEMP, E. B., III, AND MICHEL, U. J., JR., GUIDEBOOK, NEW
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THIS BRIEF GUIDEBOOK CONTAINS GEOLOGIC SECTIONS AT
SEVERAL OF THE LARGER CONSTRUCTION SITES IN THE CITY.

- 1216 KOLB, C. R., DURHAM, C. O., AND OTHERS, FIELD TRIP GUIDE-
BOOK, MISSISSIPPI ALLUVIAL VALLEY AND TERRACES. GEOLOGICAL
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1967, 137 PP. (1)

THIS GUIDEBOOK COVERS A TRIP FROM VICKSBURG THROUGH
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GUIDEBOOK ARE MAINLY CONCERNED WITH LOESS DEPOSITS AND
PLEISTOCENE TERRACES.

MISSISSIPPI

- 1216 KOLB, C. R., DURHAM, C. O., AND OTHERS, FIELD TRIP GUIDE-
BOOK, MISSISSIPPI ALLUVIAL VALLEY AND TERRACES. GEOLOGICAL
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GUIDEBOOK ARE MAINLY CONCERNED WITH LOESS DEPOSITS AND
PLEISTOCENE TERRACES.

MISSOURI

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VICIAN AND MISSISSIPPIAN STRATA, ST. LOUIS AND ST. CHARLES
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WELL LOG COMPILATIONS

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- 1088 MOREY, PHILIP S., INDEX TO WELL SAMPLES AND CORES, REVISED THROUGH 1962. THE UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, AUSTIN, TEX., 1963, 683 PP. (2)
- 1106 MAY, J. R., AND OTHERS, LOGS OF SELECTED TEST HOLES AND WELLS IN THE ALLUVIUM OF THE ARKANSAS RIVER VALLEY BETWEEN LITTLE ROCK, ARKANSAS, AND THE MISSISSIPPI RIVER. U. S. GEOLOGICAL SURVEY OPEN-FILE REPORT, WASHINGTON, D. C., 1964, 5 VOLS. (1)
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- 1324 MAY, J. R., WATER-RESOURCES DATA FOR ARKANSAS, GROUND-WATER RECORDS FOR ARKANSAS COUNTY, ARKANSAS GEOLOGICAL COMMISSION, LITTLE ROCK, ARK., 1968, 176 PP. (2)
- 1334 SNIDER, J. L., DATA FROM TEST DRILLING FOR PUBLIC WATER SUPPLIES IN LOUISIANA. U. S. GEOLOGICAL SURVEY OPEN-FILE REPORT, BATON ROUGE, LA., 1969, 133 PP. (2)
THIS REPORT DOES NOT CONTAIN DRILLERS' LOGS OF WELLS; HOWEVER, SUCH INFORMATION AS ELEVATIONS OF SANDS, SIEVE ANALYSES, ETC. ARE INCLUDED.

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- 1156 CLARKE, JAMES W., AND OTHERS, BIBLIOGRAPHY OF NORTH AMERICAN GEOLOGY, 1961. U. S. GEOLOGICAL SURVEY BULLETIN 1197, WASHINGTON, D. C., 1965, 663 PP. (2)
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- 1090 BROWN, T. E., INDEX TO AREAL GEOLOGIC MAPS IN TEXAS, 1891-1961. BUREAU OF ECONOMIC GEOLOGY, THE UNIVERSITY OF TEXAS, AUSTIN, TEX., 1963. (2)

APPENDIX B
LITERATURE INDEXED ON MAPS

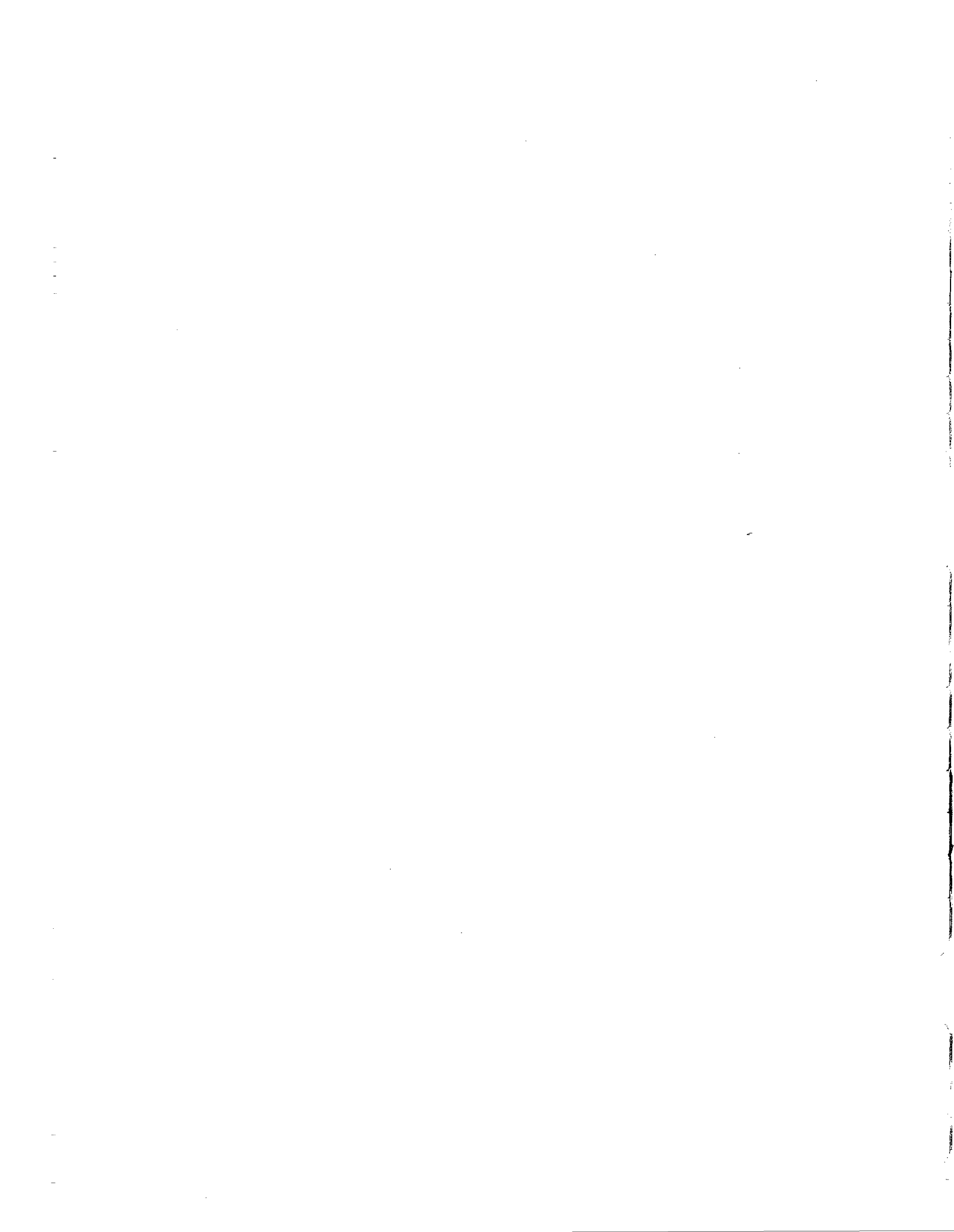


PLATE B1 - PEORIA

1204 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE EAST-CENTRAL ILLINOIS REGION. ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 15, URBANA, ILL., 1967, 39 PP. (2)

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

PLATE B2 - MOBERLY

- 1244 GENTILE, RICHARD J., MINERAL COMMODITIES OF MACON AND RANDOLPH COUNTIES. MISSOURI GEOLOGICAL SURVEY REPORT OF INVESTIGATIONS NO. 40, ROLLA, MO., 1967. (2)
- 1303 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CLARENCE CANNON DAM AND RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, SALT RIVER, MISSOURI, DESIGN MEMORANDUM NO. 5, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., JUNE 1968. (6)

PLATE B3 - QUINCY

- 1248 FEHRENBACHER, J. B., AND DOWNEY, C. E., SOIL SURVEY JERSEY COUNTY, ILLINOIS. UNIVERSITY OF ILLINOIS AGRICULTURAL EXPERIMENT STATION, SOIL REPORT 84, URBANA, ILL., DECEMBER 1966, 80 PP. (2)
- 1072 HOWARD, R. H., OIL AND GAS IN THE ADAMS-BROWN-SCHUYLER COUNTY AREA, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 325, URBANA, ILL., 1961, 23 PP. (2)
THIS CIRCULAR IS OF VALUE PRINCIPALLY BECAUSE OF THE INCLUDED GENERALIZED COLUMNAR SECTION AND STRUCTURE MAP.
- 1129 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CLARENCE CANNON DAM AND RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, SALT RIVER, MISSOURI, DESIGN MEMORANDUM NO. 4A, SITE GEOLOGY, ST. LOUIS, MO., AUGUST 1966. (6)
- 1222 AARONSON, DONALD B., A GEOLOGIC MAP OF A PART OF MARION COUNTY, MISSOURI. UNPUBLISHED THESIS, UNIVERSITY OF IOWA, IOWA CITY, IOWA, 1966. (4)
- 1256 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE WESTERN ILLINOIS REGION. ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 19, URBANA, ILL., 1967, 35 PP. (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., MARCH 1968. (6)
- 1303 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CLARENCE CANNON DAM AND RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, SALT RIVER, MISSOURI, DESIGN MEMORANDUM NO. 5, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., JUNE 1968. (6)

PLATE B4 - DECATUR

- 1329 DOWNEY, C. E., AND ODELL, R. T., SOIL SURVEY OF MONTGOMERY COUNTY, ILLINOIS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., AUGUST 1969, 94 PP. (2)
- 1262 SANDERSON, E. W., GROUNDWATER AVAILABILITY IN SHELBY COUNTY. ILLINOIS STATE WATER SURVEY, CIRCULAR 92, URBANA, ILL., 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.
- 1135 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, SHELBYVILLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 4, GEOLOGY AND SOILS. ST. LOUIS, MO., DECEMBER 1962. (6)
- 1139 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, SHELBYVILLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 9, MAIN DAM AND SPILLWAY. ST. LOUIS, MO., JUNE 1965. (6)
- 1140 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, SHELBYVILLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 8C-2, RELOCATION OF COUNTY AND TOWNSHIP ROADS. ST. LOUIS, MO., NOVEMBER 1964. (6)
- 1141 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, SHELBYVILLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 8C-1, RELOCATIONS-STATE HIGHWAYS. ST. LOUIS, MO., AUGUST 1964. (6)
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- 1253 CARTWRIGHT, K., AND KRAATZ, P., HYDROGEOLOGY AT SHELBYVILLE, ILLINOIS--A BASIS FOR WATER RESOURCES PLANNING. ILLINOIS STATE GEOLOGICAL SURVEY, ENVIRONMENTAL GEOLOGY NOTES EGN 15, URBANA, ILL., 1967, 15 P. (2)
- 1204 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE EAST-CENTRAL ILLINOIS REGION, ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 15, URBANA, ILL., 1967, 39 PP. (2)
PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRISE THE GREATER PART OF THIS REPORT.
- 1258 BLEUER, NED K., GEOLOGY OF THE SOUTHEAST QUARTER OF THE SHELBYVILLE, ILLINOIS, QUADRANGLE. UNPUBLISHED THESIS, UNIVERSITY OF ILLINOIS, URBANA, ILL., 1967. (4)

PLATE B5 - ST. LOUIS

- 1224 SCHMITZ, RICHARD J., THE GEOLOGY OF THE FESTUS, MISSOURI AND SELMA, ILLINOIS-MISSOURI QUADRANGLES. UNPUBLISHED THESIS, UNIVERSITY OF MISSOURI, COLUMBIA, MO., 1966. (4)
- 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., 1968, 8 PP. (2)
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- 1071 BAXTER, JAMES W., LIMESTONE RESOURCES OF MADISON COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 390, URBANA, ILL., 1965, 39 PP. (2)
THIS SHORT CIRCULAR CONTAINS A GEOLOGIC COLUMN, A BEDROCK GEOLOGY MAP, DESCRIPTIONS OF FORMATIONS AND SAMPLE LOCALITIES, CROSS SECTIONS, AND STRATIGRAPHIC DESCRIPTIONS.
- 1087 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, ILL., 1966, 32 PP. (2)
PRODUCTION STATISTICS AND LOCATIONS OF SOURCES COMPRISE THE GREATER PART OF THIS REPORT.
- 1092 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., 1964, PP 81-93. (2)
THIS REPORT CONTAINS AN INTERESTING DISCUSSION OF METHODS USED TO LOCATE THE CAVE AND POSSIBLE REMEDIAL MEASURES.
- 1130 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, EAST ST. LOUIS AND VICINITY, ILLINOIS (EAST SIDE LEVEE AND SANITARY DISTRICT), ST. CLAIR AND MADISON COUNTIES, ILLINOIS, DESIGN

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- 1131 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, UPPER MISSISSIPPI RIVER LEVEES-FLOOD CONTROL ACT 1936, EAST ST. LOUIS AND VICINITY, ILLINOIS (EAST SIDE LEVEE AND SANITARY DISTRICT), MADISON AND ST. CLAIR COUNTIES, ILLINOIS, DESIGN MEMORANDUM NO. 3I, DETAILED DESIGN FOR CITY OF EAST ST. LOUIS PUMPING STATION AND RELATED STRUCTURES, PROJECT ITEM II-F. ST. LOUIS, MO., JANUARY 1961. (6)
- 1132 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, EAST ST. LOUIS AND VICINITY, ILLINOIS (EAST SIDE LEVEE AND SANITARY DISTRICT), ST. CLAIR AND MADISON COUNTIES, ILLINOIS, DESIGN MEMORANDUM NO. 3, MONSANTO PUMPING STATION, PROJECT ITEM II-E. ST. LOUIS, MO., OCTOBER 1964. (6)
- 1133 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, EAST ST. LOUIS AND VICINITY, ILLINOIS (EAST SIDE LEVEE AND SANITARY DISTRICT), ST. CLAIR AND MADISON COUNTIES, ILLINOIS, DESIGN MEMORANDUM NO. 6E, FLOODWALL ALTERATIONS AND CLOSURE CONTROL, PROJECT ITEM-R(7). ST. LOUIS, MO., DECEMBER 1960. (6)
- 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, ILLINOIS, IMPROVEMENTS TO INTERIOR DRAINAGE FACILITIES, DESIGN MEMORANDUM NO. 1, GENERAL DESIGN. ST. LOUIS, MO., JUNE 1966. (6)
- 1202 ODOM, IRA E., GEOLOGY OF THE SOUTHEAST PORTION OF THE CAHOKIA QUADRANGLE, IN ILLINOIS, UNPUBLISHED THESIS, UNIVERSITY OF ILLINOIS, URBANA, ILL., 1958, 77 PP. (4)
THE STRATIGRAPHY, STRUCTURE, AND PHYSIOGRAPHY OF THE AREA ARE DESCRIBED AND ILLUSTRATED IN DETAIL.
- 1299 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, MERAMEC PARK RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, MERAMEC RIVER, MISSOURI, DESIGN MEMORANDUM NO. 3, SITE GEOLOGY. ST. LOUIS, MO., MAY 1967. (6)
- 1067 GOODFIELD, A. G., PLEISTOCENE AND SURFICIAL GEOLOGY OF THE CITY OF ST. LOUIS AND THE ADJACENT ST. LOUIS COUNTY, MIS-

SOURL. UNPUBLISHED DISSERTATION, UNIVERSITY OF ILLINOIS, URBANA, ILL., 1965, 207 PP. (4)

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.

- 1166 HEYL, A. V., AND OTHERS, REGIONAL STRUCTURE OF THE SOUTH-EAST MISSOURI AND ILLINOIS-KENTUCKY MINERAL DISTRICTS. U. S. GEOLOGICAL SURVEY BULLETIN NO. 1202-B, WASHINGTON, D. C., 1965, 20 PP. (2)
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.
- 1196 MISSOURI SPELEOLOGICAL SURVEY, INC., ST. LOUIS COUNTY CAVES. MISSOURI SPELEOLOGY, VOL 8, NO. 1 (1966), 50 PP. (5)
TWENTY-ONE CAVES IN THE COUNTY ARE LOCATED, ILLUSTRATED WITH SKETCHES, AND BRIEFLY DESCRIBED. SOME GEOLOGICAL DATA ARE INCLUDED.
- 1298 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, MERAMEC PARK RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, MERAMEC RESERVOIR, MISSOURI, DESIGN MEMORANDUM NO. 6, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., MAY 1968. (6)
- 1301 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS NAVIGATION PROJECT, MOUTH TO FAYETTEVILLE, DESIGN MEMORANDUM NO. 5, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., JAN 1967. (6)
- 1348 GILLERMAN, ELLIOT, ROSELLE LINEAMENT OF SOUTHEAST MISSOURI. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 81 (1970), PP 975-982. (5)
A PREVIOUSLY UNRECOGNIZED FAULT ZONE WAS IDENTIFIED FROM SIDE-LOOKING RADAR IMAGERY AND VERIFIED BY A FIELD EXAMINATION.

PLATE B6 - BELLEVILLE

- 1071 BAXTER, JAMES W., LIMESTONE RESOURCES OF MADISON COUNTY, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY CIRCULAR 390, URBANA, ILL., 1965, 39 PP. (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, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY INDUSTRIAL MINERALS NOTES 23, URBANA, ILL., 1965, 15 PP. (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, ILLINOIS. ILLINOIS STATE GEOLOGICAL SURVEY MINERAL ECONOMICS BRIEF NO. 12, URBANA, ILL., 1966, 32 PP. (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., JULY 1961. (6)
- 1125 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CARLYLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 8B, SADDLE DAM NO. 2. ST. LOUIS, MO., MARCH 1960. (6)
- 1126 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CARLYLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 9 (REVISED), KEYESPORT LEVEE. ST. LOUIS, MO., APRIL 1961. (6)
- 1127 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CARLYLE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 10C2, PUBLIC USE AND ACCESS FACILITIES. ST. LOUIS, MO., APRIL 1964. (6)

- 1128 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, CARLYLE RESERVOIR, KASKASKIA RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 13, BUILDINGS-UTILITIES AND ACCESS ROADS-WEST ABUTMENT AREA, ST. LOUIS, MO., JULY 1959. (6)
- 1134 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS, NAVIGATION IMPROVEMENT, MOUTH TO FAYETTEVILLE, DESIGN MEMORANDUM NO. 1A, SITE SELECTION. ST. LOUIS, MO., OCTOBER 1964. (6)
- 1136 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, REND LAKE RESERVOIR, UPPER MISSISSIPPI RIVER BASIN, BIG MUDDY RIVER, ILLINOIS, DESIGN MEMORANDUM NO. 5B, MAIN DAM AND SPILLWAYS. ST. LOUIS, MO., NOVEMBER 1965. (6)
- 1137 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, NEW ATHENS, ILLINOIS, KASKASKIA RIVER, LOCAL FLOOD PROTECTION, DESIGN MEMORANDUM NO. 1, GENERAL DESIGN (REVISED). ST. LOUIS, MO., JUNE 1965. (6)
- 1340 JACOBS, A. M., AND LINEBACK, J. A., GLACIAL GEOLOGY OF THE VANDALIA, ILLINOIS, REGION, ILLINOIS STATE GEOLOGICAL SURVEY, CIRCULAR 442, URBANA, ILL., 1969, 20 PP. (2)
- 1171 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES OF THE SOUTHEASTERN ILLINOIS REGION, ILLINOIS STATE GEOLOGICAL SURVEY, MINERAL ECONOMICS BRIEF 14, URBANA, ILL., 1966, 36 PP. (2)
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- 1301 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS NAVIGATION PROJECT, MOUTH TO FAYETTEVILLE, DESIGN MEMORANDUM NO. 5, AVAILABILITY OF CONSTRUCTION MATERIALS. ST. LOUIS, MO., JAN 1967. (6)
- 1302 U. S. ARMY ENGINEER DISTRICT, ST. LOUIS, CE, KASKASKIA RIVER, ILLINOIS NAVIGATION PROJECT, MOUTH TO FAYETTEVILLE, DESIGN MEMORANDUM NO. 3C, MISSOURI PACIFIC AND MISSOURI-ILLINOIS RAILROAD, RELOCATION AND ALTERATIONS. ST. LOUIS, MO., SEPT 1968. (6)

PLATE B7 - ROLLA

- 1073 LEMMON, ROBERT D., PETROGRAPHY OF THE SLABTOWN GRANITE, MADISON COUNTY, MISSOURI. UNPUBLISHED MASTERS THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., 1964. (1)
ALTHOUGH MOSTLY CONCERNED WITH PETROLOGY, DESCRIPTIONS OF THE STRATIGRAPHY AND A GEOLOGIC MAP ARE INCLUDED.
- 1169 CROUCH, JAMES, PIEZOMETRIC LEVEL AND SHALLOW AQUIFERS, DILLON AND MERAMEC SPRING QUADRANGLES, MISSOURI. UNPUBLISHED THESIS, THE UNIVERSITY OF MISSOURI AT ROLLA, ROLLA, MO., 1965. (4)
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- 1192 GRAVELY, M. S., JR., THE GEOLOGY OF SOUTHWESTERN MADISON COUNTY, MISSOURI. UNPUBLISHED MASTER S THESIS, WASHINGTON UNIVERSITY, ST. LOUIS, MISSOURI, JUNE, 1960, 29 PP. (4)
THIS THESIS IS AN ATTEMPT TO CORRELATE THE SURFACE MAPPING OF A SMALL AREA OF THE COUNTY WITH AEROMAGNETIC DATA.
- 1193 BOUDREAU, FRANCIS C., PALEOZOIC GEOLOGY OF THE SOUTHWEST PORTION OF THE DFS ARC QUADRANGLE. UNPUBLISHED MASTER S THESIS, ST. LOUIS UNIVERSITY, ST. LOUIS, MISSOURI, 1960, 43 PP. (4)
A GEOLOGIC MAP OF THE STUDY AREA AND BRIEF DESCRIPTIONS OF THE FORMATIONS ARE CONTAINED IN THIS THESIS.
- 1245 ZIMMERMAN, R. A., AND AMSTUTZ, G. C., SOUTHEAST MISSOURI GEOLOGY DETAILS FROM ANNAPOLIS AREA AND KETCHERSIDE GAP, MISSOURI. AMERICAN ASSOCIATION OF PETROLEUM GEOLOGISTS BULLETIN, VOL 52, NO. 4 (APRIL 1968), PP 703-708. (5)
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- 1166 HEYL, A. V., AND OTHERS, REGIONAL STRUCTURE OF THE SOUTHEAST MISSOURI AND ILLINOIS-KENTUCKY MINERAL DISTRICTS. U. S. GEOLOGICAL SURVEY BULLETIN NO. 1202-B, WASHINGTON, D. C., 1965, 20 PP. (2)

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- 1252 HEIVILIN, FRED G., THE STRATIGRAPHY OF THE STE. GENEVIEVE FORMATION BETWEEN STE. GENEVIEVE, MISSOURI AND KARNAK, ILLINOIS. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., 1968. (4)
- 1348 GILLERMAN, ELLIOT, ROSELLE LINEAMENT OF SOUTHEAST MISSOURI. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 81 (1970), PP 975-982. (5)
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PLATE B8 - PADUCAH

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- 1180 KOLESAR, JOHN C., GEOLOGY OF THE SOUTHWEST QUARTER, MURPHYSBORO QUADRANGLE, ILLINOIS. UNPUBLISHED MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., SEPTEMBER 1964. 83 PP. (4)
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- 1181 SATTERFIELD, IRA R., BEDROCK GEOLOGY OF THE COBDEN QUADRANGLE. UNPUBLISHED MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., JUNE 1965. 159 PP. (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.
- 1184 WARTHEN, ROBERT C., THE BEDROCK GEOLOGY OF THE NORTHEAST QUARTER OF THE DONGOLA QUADRANGLE. UNPUBLISHED MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., MAY 1962. 70 PP. (4)
THIS THESIS CONTAINS A COLORED GEOLOGIC MAP OF THE AREA PLUS DESCRIPTIONS OF THE STRATIGRAPHY AND STRUCTURE.
- 1042 FEHRENBACHER, J. B., AND WALKER, G. O., SOIL SURVEY - JOHNSON COUNTY, ILLINOIS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, SERIES 1959, NO. 39, WASHINGTON, D. C., OCTOBER 1964, 72 PP. (ALSO - UNIVERSITY OF ILLINOIS, AGRICULTURAL EXPERIMENT STATION, SOIL REPORT 82) (2)
- 1287 PARKS, W. D., AND FEHRENBACHER, J. B., SOIL SURVEY OF PULASKI AND ALEXANDER COUNTIES, ILLINOIS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., 1968. 121 PP. (2)
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- 1179 CARTER, NEAL A., GEOLOGY OF KINKAID TOWNSHIP, CAMPBELL HILL QUADRANGLE, JACKSON COUNTY, ILLINOIS. UNPUBLISHED MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., 1964. 46 PP. (4)
IN ADDITION TO A COLORED BEDROCK GEOLOGY MAP, THIS THESIS CONTAINS DISCUSSIONS OF THE STRATIGRAPHY, GEOLOGIC HISTORY, AND MINERAL RESOURCES OF THE TOWNSHIP.
- 1182 PORTER, JOSEPH A., BEDROCK GEOLOGY OF PART OF THE GORHAM AND WOLF LAKE QUADRANGLES, ILLINOIS. UNPUBLISHED MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., JULY 1963. 85 PP. (4)
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 MASTER S THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., MARCH 1963, 70 PP. (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.
- 1231 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, COTTONWOOD SLOUGH PUMPING PLANT, ALEXANDER COUNTY, ILLINOIS, BASIS OF DESIGN, PUBLIC LAW 685 PROJECT. MEMPHIS, TENN., OCTOBER 1962. (6)
- 1251 MCCORMICK, LOUIS M., BEDROCK GEOLOGY OF THE NORTHWEST QUARTER OF THE DONGOLA QUADRANGLE. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILL., 1967. (4)
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25 PP. (2)

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- 1159 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES
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- 1166 HEYL, A. V., AND OTHERS, REGIONAL STRUCTURE OF THE SOUTH-
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- 1171 MAJOR, ROBERT L., MINERAL RESOURCES AND MINERAL INDUSTRIES
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- 1252 HEIVILIN, FRED G., THE STRATIGRAPHY OF THE STE. GENEVIEVE
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- 1363 KEHLENBACH, R., FACIES, DISTRIBUTION, AND DEPOSITIONAL ENVIRONMENT OF THE MISSISSIPPIAN CYPRESS FORMATION IN SOUTHERN ILLINOIS. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILLINOIS, 1969. (4)
- 1364 JOHNSON, V., FRACTURE PATTERN ALONG POMONA FAULT IN JACKSON AND UNION COUNTIES, ILLINOIS. UNPUBLISHED THESIS, SOUTHERN ILLINOIS UNIVERSITY, CARBONDALE, ILLINOIS, 1969. (4)

PLATE B9 - POPLAR BLUFF

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- 1113 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, UPPER ST. FRANCIS RIVER, GENERAL DESIGN MEMORANDUM. MEMPHIS, TENN., MAY 1964. (6)
- 1357 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, ST. FRANCIS RIVER AND TRIBUTARIES, FEATURE DESIGN MEMORANDUM NO. 328, RELOCATION OF FACILITIES, MINGO DITCH. MEMPHIS, TENN., NOV 1968. (6)
- 1232 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, SUPPLEMENT TO GENERAL DESIGN MEMORANDUM NO. 104, UPPER ST. FRANCIS RIVER. MEMPHIS, TENN., FEBRUARY 1967. (6)
- 1345 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CACHE RIVER BASIN, ARKANSAS, CACHE RIVER AND BAYOU DEVIEW, GENERAL DESIGN MEMORANDUM NO. 101 (2 PARTS), MEMPHIS, TENN., JUNE 1969. (6)

PLATE B10 - DYERSBURG

- 1043 FINCH, W. I., AND MINARD, J. P., GEOLOGIC MAP OF THE FARM-
INGTON QUADRANGLE, GRAVES COUNTY, KENTUCKY. U. S. GEOLOG-
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- 1053 BLADE, L. V., GEOLOGIC MAP OF THE HICKORY QUADRANGLE,
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- 1165 OLIVE, W. W., GEOLOGIC MAP OF PART OF THE CAYCE QUAD-
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LOGICAL SURVEY GEOLOGIC QUADRANGLE MAP GQ-587, WASHINGTON,
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- 1282 FINCH, W. I., GEOLOGIC MAP OF THE LOVELACEVILLE QUADRAN-
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- 1344 MCGRAIN, PRESTON, ECONOMIC GEOLOGY OF CALLOWAY COUNTY,
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- 1052 BROWN, WILLIAM T., AND OTHERS, SOIL SURVEY OF DYER COUNTY,
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- 1287 PARKS, W. D., AND FEHRENBACHER, J. B., SOIL SURVEY OF PULASKI AND ALEXANDER COUNTIES, ILLINOIS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., 1968. 121 PP. (2)
- 1058 HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE CLINTON QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY HYDROLOGIC INVESTIGATIONS ATLAS NO. HA-175, WASHINGTON, D. C., 1967. (2)
COORD. LAT 36D37.5M TO 36D45M, LONG 88D52.5M TO 89D
- 1075 MORGAN, J. H., AVAILABILITY OF GROUND WATER IN THE HICKORY QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY HYDROLOGIC INVESTIGATIONS ATLAS HA-163, WASHINGTON, D. C., 1965. (2)
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COORD. LAT 36D45M TO 36D52.5M, LONG 88D37.5M TO 88D45M
- 1076 DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE MAYFIELD QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY HYDROLOGIC INVESTIGATIONS ATLAS HA-164, WASHINGTON, D. C., 1965. (2)
THE ATLAS CONSISTS OF A GROUNDWATER AVAILABILITY MAP, A GENERALIZED COLUMNAR SECTION, AND DESCRIPTIONS OF THE WATER-BEARING CHARACTERISTICS OF FORMATIONS.
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- 1077 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 HA-166, WASHINGTON, D. C., 1966. (2)
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- 1078 HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE CRUTCHFIELD QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY HYDROLOGIC INVESTIGATIONS ATLAS

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1079 DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE FANCY FARM QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY HYDROLOGIC INVESTIGATIONS ATLAS HA-169, WASHINGTON, D. C., 1966. (2)

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COORD. LAT 36D52.5M TO 37D, LONG 88D37.5M TO 88D45M

1199 HANSEN, ARNOLD J., JR., AVAILABILITY OF GROUND WATER IN THE CAYCE QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY-TENNESSEE. U. S. GEOLOGICAL SURVEY, HYDROLOGIC INVESTIGATIONS ATLAS HA-180, WASHINGTON, D. C., 1967. (2)

1205 DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE MILBURN QUADRANGLE, JACKSON PURCHASE REGION, KENTUCKY. U. S. GEO-

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- 1206 LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN PARTS OF
THE NEW MADRID SE, HUBBARD LAKE, AND BONDURANT QUADRANGLES,
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- 1268 LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN THE HICKMAN
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- 1269 HANSEN, A. J., JR., AVAILABILITY OF GROUND WATER IN THE
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- 1270 LAMBERT, T. W., AVAILABILITY OF GROUND WATER IN THE PARTS
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PURCHASE REGION, KENTUCKY. U. S. GEOLOGICAL SURVEY, HY-
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- 1276 DAVIS, R. W., AVAILABILITY OF GROUND WATER IN THE PARTS OF
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AUGUST 1963. (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,
MAIN STEM OBION RIVER, CHANNEL IMPROVEMENT. MEMPHIS,
TENN., OCTOBER 1964. (6)
- 1116 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE
TRIBUTARIES, GENERAL DESIGN MEMORANDUM NO. 1, REVISED.
MEMPHIS, TENN., JANUARY 1961. (6)
- 1056 MOORE, GERALD K., GEOLOGY AND HYDROLOGY OF THE CLAIBORNE
GROUP IN WESTERN TENNESSEE. U. S. GEOLOGICAL SURVEY WATER-
SUPPLY PAPER 1809-F, 1965, 44 PP. (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 GEO-
LOGIC COLUMN.
- 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, TENN., JUNE 1967. (6)
- 1325 OLIVE, W. W., AND FINCH, W. I., STRATIGRAPHIC AND MINERA-
LOGIC RELATIONS AND CERAMIC PROPERTIES OF CLAY DEPOSITS OF
EOCENE AGE IN THE JACKSON PURCHASE REGION, KENTUCKY AND IN
ADJACENT PARTS OF TENNESSEE. U. S. GEOLOGICAL SURVEY BUL-
LETIN 1282, WASHINGTON, D. C., 1969, 35 PP. (2)

PLATE B11 - MEMPHIS

- 1160 GRAY, JAMES L., AND CATLETT, V. R., SOIL SURVEY - ST. FRANCIS COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., NOVEMBER 1966. (2)
- 1283 GRAY, J. L., AND CATLETT, V. R., SOIL SURVEY OF CROSS COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., AUGUST 1968, 61 PP. (2)
- 1310 MAXWELL, G. R., AND OTHERS, SOIL SURVEY OF WOODRUFF COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., AUGUST 1968, 60 PP. (2)
- 1203 ALBIN, D. R., AND OTHERS, WATER RESOURCES OF JACKSON AND INDEPENDENCE COUNTIES, ARKANSAS, U. S. GEOLOGICAL SURVEY, WATER-SUPPLY PAPER 1839-G, WASHINGTON, D. C., 1967, 29 PP. (2)
A GENERALIZED GEOLOGIC MAP AND BRIEF DESCRIPTIONS OF THE FORMATIONS ARE CONTAINED IN THIS REPORT.
- 1319 LAMONDS, A. G., AND OTHERS, WATER RESOURCES OF RANDOLPH AND LAWRENCE COUNTIES, ARKANSAS, U. S. GEOLOGICAL SURVEY BULLETIN 1879-B, WASHINGTON, D. C., 1969, 45 PP. (2)
- 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, ITEMS 1 AND 2. MEMPHIS, TENN., APRIL 1961. (6)
- 1112 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS, GENERAL DESIGN MEMORANDUM NO. 2. MEMPHIS, TENN., MAY 1965. (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., JUNE 1960. (6)

- 1356 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, DRAINAGE DISTRICT NO. 7 OF POINSETT COUNTY, ARKANSAS, OAK DONNICK FLOODWAY, GENERAL DESIGN MEMO NO. 108. MEMPHIS, TENN., JAN 1970. (6)
- 1056 MOORE, GERALD K., GEOLOGY AND HYDROLOGY OF THE CLAIBORNE GROUP IN WESTERN TENNESSEE. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1809-F, 1965, 44 PP. (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.
- 1294 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 (ITEM NO. 1). MEMPHIS, TENN., FEB 1967. (6)
- 1295 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 (ITEM NO. 2). MEMPHIS, TENN., SEPT 1967. (6)
- 1297 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 (ITEM NO. 1). MEMPHIS, TENN., AUG 1967. (6)
- 1345 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CACHE RIVER BASIN, ARKANSAS, CACHE RIVER AND BAYOU DEVIEW, GENERAL DESIGN MEMORANDUM NO. 101 (2 PARTS), MEMPHIS, TENN., JUNE 1969. (6)

PLATE B12 - BLYTHEVILLE

- 1210 RUSSELL, E. E., GEOLOGIC MAP AND MINERAL RESOURCES SUMMARY OF THE MICHIE QUADRANGLE, TENNESSEE, STATE OF TENNESSEE, DEPARTMENT OF CONSERVATION, DIVISION OF GEOLOGY, NASHVILLE, TENN., 1967. (2)
COORD. LAT 35D00M TO 35D07.5M, LONG 88D22.5M TO 88D30M
- 1267 RUSSELL, E. E., AND LARSON, L. T., GEOLOGIC MAP AND MINERAL RESOURCES SUMMARY OF THE CHEWALLA QUADRANGLE, TENNESSEE, TENNESSEE DIVISION OF GEOLOGY, NASHVILLE, TENN., 1968. (2)
COORD. LAT 35D TO 35D7.5M, LONG 88D37.5M TO 88D45M
- 1052 BROWN, WILLIAM T., AND OTHERS, SOIL SURVEY OF DYER COUNTY, TENNESSEE. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, SERIES 1962, NO. 5, WASHINGTON, D. C., JANUARY 1966, 79 PP. (2)
- 1116 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE TRIBUTARIES, GENERAL DESIGN MEMORANDUM NO. 1, REVISED. MEMPHIS, TENN., JANUARY 1961. (6)
- 1338 MOORE, G. K., AND BROWN, D. L., STRATIGRAPHY OF THE FORT PILLOW TEST WELL, LAUDERDALE COUNTY, TENNESSEE. TENNESSEE DIVISION OF GEOLOGY, REPORTS OF INVESTIGATIONS 26, NASHVILLE, TENN., 1969. (2)
CONTAINS ELECTRIC LOGS, SAMPLE DESCRIPTIONS, CORE DESCRIPTION, AND GEOLOGIC INTERPRETATIONS.
- 1056 MOORE, GERALD K., GEOLOGY AND HYDROLOGY OF THE CLAIBORNE GROUP IN WESTERN TENNESSEE. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1809-F, 1965, 44 PP. (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.
- 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, TENN., JUNE 1967. (6)

1293

U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, WEST TENNESSEE
TRIBUTARIES PROJECT, FORKED DEER RIVER, DESIGN MEMORANDUM
NO. 8, RELOCATION + ALTERATION OF FACILITIES, CHANNEL
IMPROVEMENT, NORTH FORK FORKED DEER RIVER, SOUTH FORK
FORKED DEER RIVER. MEMPHIS, TENN., FEB 1967. (6)

PLATE B13 - LITTLE ROCK

- 1309 SELLARS, R. T., JR., GEOLOGY OF THE MENA AND BOARD CAMP QUADRANGLES, POLK COUNTY, ARKANSAS. UNPUBLISHED DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., 1966. (4)
COORD. LAT 34D30M TO 34D37.5M, LONG 94D TO 94D15M
- 1312 SELLARS, R. T., JR., THE GEOLOGY OF THE MENA AND BOARD CAMP QUADRANGLES, POLK COUNTY, ARKANSAS. PH.D. DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., APRIL 1966. 128 PP.
- 1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., JUNE 1968, 66 PP. (2)
- 1168 PLEBUCH, R. O., AND HINES, M. S., WATER RESOURCES OF PULASKI AND SALINE COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1839-B, WASHINGTON, D. C., 1967, 25 PP. (2)
GEOLOGIC FORMATIONS ARE NOT NAMED AND LITHOLOGIC DESCRIPTIONS ARE QUITE BRIEF. HOWEVER, A USEFUL GEOHYDROLOGIC MAP IS INCLUDED IN THIS REPORT.
- 1275 HALBERG, H. N., AND OTHERS, WATER RESOURCES OF GRANT AND HOT SPRING COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1857, WASHINGTON, D.C., 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.
- 1318 PLEBUCH, R. O., AND HINES, M. S., WATER RESOURCES OF CLARK, CLEVELAND, AND DALLAS COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY BULLETIN 1879-A, WASHINGTON, D. C., 1969, 32 PP. (2)
- 1037 STONE, C. G., AND STERLING, P. J., CRETACEOUS-PALEOCENE BOULDER DEPOSIT, CENTRAL ARKANSAS. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 76 (1965), PP 1393-1400. (5)
A DETAILED DESCRIPTION OF AN UNUSUAL DEPOSIT.
- 1040 PITT, W. D., AND OTHERS, OUACHITA MOUNTAIN CORE AREA, MONTGOMERY COUNTY, ARKANSAS. AMERICAN ASSOCIATION OF PETROLEUM

GEOLOGISTS BULLETIN, VOL 45, NO, 1 (1961), PP 72-94. (5)
DISCUSSIONS OF THE STRATIGRAPHY AND STRUCTURE OF THE
AREA ARE AUGMENTED WITH GEOLOGIC MAPS, CROSS SECTIONS, AND
COLUMNAR SECTIONS.

- 1144 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, OUACHITA RIVER
AND TRIBUTARIES, ARKANSAS AND LOUISIANA, DEGRAY RESERVOIR,
CADDO RIVER, ARKANSAS, DESIGN MEMORANDUM NO. 11-2, TUNNELS.
VICKSBURG, MISS., APRIL 1963. (6)
- 1145 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, OUACHITA RIVER
AND TRIBUTARIES, ARKANSAS AND LOUISIANA, DEGRAY RESERVOIR,
CADDO RIVER, ARKANSAS, DESIGN MEMORANDUM NO. 11-2, TUNNELS,
SUPPLEMENT A. VICKSBURG, MISS., MARCH 1964. (6)
- 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, SPILL-
WAY. VICKSBURG, MISS., SEPTEMBER 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, REGULA-
TION DAM. VICKSBURG, MISS., JUNE 1965. (6)
- 1149 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, RED RIVER
BASIN, OUACHITA AND BLACK RIVERS, ARKANSAS AND LOUISIANA,
NINE-FOOT NAVIGATION PROJECT, DESIGN MEMORANDUM NO. 24,
FELSENTHAL LOCK, MASONRY AND EMBEDDED METALS. VICKSBURG,
MISS., SEPTEMBER 1966. (6)
- 1167 WALTHALL, B. H., STRATIGRAPHY AND STRUCTURE, PART OF ATHENS
PLATEAU, SOUTHERN OUACHITAS, ARKANSAS. AMERICAN ASSOCIA-
TION OF PETROLEUM GEOLOGISTS BULLETIN, VOL 51 (1967), PP
504-528. (5)
LITHOLOGIC DESCRIPTIONS ARE PRESENTED FOR FORMATIONS
RANGING IN AGE FROM CRETACEOUS TO MISSISSIPPIAN. A STRUC-
TURE MAP IS INCLUDED TO SHOW LOCATIONS OF MAJOR FAULTS.
- 1188 WATSON, JOHN, GEOLOGY OF THE BEAR DEN MOUNTAIN AREA,
MONTGOMERY COUNTY, ARKANSAS. UNPUBLISHED MASTER S THESIS,
UNIVERSITY OF OKLAHOMA, NORMAN, OKLA., 1959. 63 PP. (4)
A GEOLOGIC MAP AND DESCRIPTIONS OF THE STRATIGRAPHY
AND STRUCTURE OF THE AREA ARE INCLUDED IN THIS THESIS.

- 1194 ROBB, MARION G., AREAL GEOLOGY OF THE EASTERN MOUNT IDA AREA, MONTGOMERY COUNTY, ARKANSAS. UNPUBLISHED MASTER S THESIS, THE UNIVERSITY OF OKLAHOMA, NORMAN, OKLAHOMA, 1960, 77 PP. (4)
THIS THESIS INCLUDES A GEOLOGIC MAP OF THE AREA AND DISCUSSIONS OF THE STRATIGRAPHY, STRUCTURE, AND ECONOMIC GEOLOGY OF THE AREA.
- 1195 COHOON, RICHARD R., GEOLOGY OF THE MOUNT IDA AREA, OUACHITA MOUNTAINS, ARKANSAS, UNPUBLISHED MASTER S THESIS, THE UNIVERSITY OF OKLAHOMA, NORMAN, OKLA., 1959, 69 PP. (4)
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, CE, 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, MISS., MARCH 1965. (6)
- 1259 OWENS, DON R., BEDROCK GEOLOGY OF THE V INTRUSION, GARLAND COUNTY, ARKANSAS, UNPUBLISHED THESIS, UNIVERSITY OF ARKANSAS, FAYETTEVILLE, ARK., 1967. (4)

PLATE B14 - HELENA

- 1160 GRAY, JAMES L., AND CATLETT, V. R., SOIL SURVEY - ST. FRANCIS COUNTY, ARKANSAS, U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., NOVEMBER 1966. (2)
- 1198 HUDDLESTON, JERRY S., SOIL SURVEY OF TATE COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., MARCH 1967, 85 PP. (2)
- 1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., JUNE 1968, 66 PP. (2)
- 1310 MAXWELL, G. R., AND OTHERS, SOIL SURVEY OF WOODRUFF COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., AUGUST 1968, 60 PP. (2)
- 1318 PLEBUCH, R. O., AND HINES, M. S., WATER RESOURCES OF CLARK, CLEVELAND, AND DALLAS COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY BULLETIN 1879-A, WASHINGTON, D. C., 1969, 32 PP. (2)
- 1112 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, LOWER ST. FRANCIS RIVER, EAST OF FLOODWAYS, GENERAL DESIGN MEMORANDUM NO. 2. MEMPHIS, TENN., MAY 1965. (6)
- 1153 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, YAZOO RIVER BASIN, YAZOO HEADWATER PROJECT, MISSISSIPPI (TRIBUTARIES), DESIGN MEMORANDUM NO. 1, OPOSSUM BAYOU CHANNEL IMPROVEMENT (OPOSSUM BAYOU, MUDDY BAYOU, AND DITCH 2). VICKSBURG, MISS., APRIL 1966. (6)
- 1233 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ST. FRANCIS BASIN, ST. FRANCIS RIVER PUMPING PLANT AND FLOODGATE, FEATURE DESIGN MEMORANDUM NO. 6 (CONCRETE MATERIALS). MEMPHIS, TENN., OCTOBER 1966. (5)

- 1241 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, 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, MISS., MARCH 1965. (6)
- 1272 BEDINGER, M. S., CYPRESS BAYOU, GRAND PRAIRIE REGION, ARKANSAS--AN EXAMPLE OF STREAM ALIENATION. IN- GEOLOGICAL SURVEY RESEARCH 1968, U. S. GEOLOGICAL SURVEY, PROFESSIONAL PAPER 600-B, WASHINGTON, D. C., 1968, PP B148-B150. (2)
- 1277 SNIEGOCKI, RICHARD T., HYDROGEOLOGY OF A PART OF THE GRAND PRAIRIE REGION, ARKANSAS. U. S. GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1615-B, WASHINGTON, D. C., 1964. (2)
THIS REPORT CONTAINS A DETAILED DESCRIPTION OF THE QUATERNARY DEPOSITS IN THE AREA AND CONTAINS THE LOGS OF DETAILED TEST HOLES.
- 1200 SAUCIER, R. T., AND KOLB, C. R., ALLUVIAL GEOLOGY OF THE YAZOO BASIN, LOWER MISSISSIPPI VALLEY. 1/250,000, U.S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS., 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.
- 1305 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, YAZOO RIVER BASIN, YAZOO HEADWATER PROJECT, MISSISSIPPI, PANOLA-QUITMAN FLOODWAY LEVEES, SUPPLEMENT A, DESIGN MEMORANDUM NO. 2, RELOCATION OF FACILITIES. VICKSBURG, MISS., JAN 1968. (6)
- 1345 U. S. ARMY ENGINEER DISTRICT, MEMPHIS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, CACHE RIVER BASIN, ARKANSAS, CACHE RIVER AND BAYOU DEVIEW, GENERAL DESIGN MEMORANDUM NO. 101 (2 PARTS), MEMPHIS, TENN., JUNE 1969. (6)

PLATE B15 - TUPELO

- 1198 HUDDLESTON, JERRY S., SOIL SURVEY OF TATE COUNTY, MISSISSIPPI, U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., MARCH 1967, 85 PP. (2)

PLATE B16 - TEXARKANA

- 1081 BROOM, M. E., AND OTHERS, GROUND-WATER RESOURCES OF CAMP, FRANKLIN, MORRIS, AND TITUS COUNTIES, TEXAS. TEXAS WATER COMMISSION BULLETIN 6517, AUSTIN, TEX., 1965, 153 PP. (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.
- 1105 SLAUGHTER, BOB H., GEOLOGICAL SURVEY AND APPRAISAL OF THE PALEONTOLOGICAL RESOURCES OF THE COOPER RESERVOIR BASIN, DELTA AND HOPKINS COUNTIES, TEXAS. FONDREN SCIENCE SERIES 6, SOUTHERN METHODIST UNIVERSITY PRESS, DALLAS, TEX., 1964, 11 PP. (2)
THIS PUBLICATION CONTAINS A MAP OF THE RESERVOIR AREA SHOWING THE DISTRIBUTION OF FLOODPLAIN DEPOSITS AND QUATERNARY TERRACES.
- 1291 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, COOPER RESERVOIR + CHANNELS, SULPHUR RIVER, TEXAS, GENERAL DESIGN MEMORANDUM NO. 2-B, REVISED, COOPER DAM + RESERVOIR, FORREST + COTTON, INC., DALLAS, TEXAS, JUNE 1967. (6)
- 1083 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, GEOLOGIC ATLAS OF TEXAS, TEXARKANA SHEET, 1/250,000, AUSTIN, TEX., 1966. (2)
COORD. LAT 33D TO 34D, LONG 94D TO 96D
- 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, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1943, 40 PP. (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, TEX., 1943, 17 PP. (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, TEX., 1942, 39 PP. (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, TEX., 1942, 19 PP. (1)
- 1163 BAKER, E. T., AND OTHERS, RECONNAISSANCE INVESTIGATION OF THE GROUND-WATER RESOURCES OF THE RED RIVER, SULPHUR RIVER, AND CYPRESS CREEK BASINS, TEXAS, TEXAS WATER COMMISSION BULLETIN 6306, AUSTIN, TEXAS, 1963. 127 PP. (2)
THIS REPORT CONTAINS GENERALIZED GEOLOGIC MAPS, CROSS SECTIONS, AND FORMATION DESCRIPTIONS. NO DETAILED DATA ARE PRESENTED.
- 1201 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL RECONNAISSANCE OF THE SULPHUR RIVER AND CYPRESS CREEK BASINS, TEXAS, BY R. T. SAUCIER, TECHNICAL REPORT NO. 3-798, VICKSBURG, MISS., NOVEMBER 1967. (2)
THIS REPORT CONTAINS DETAILED STRIP MAPS AND SUBSURFACE DATA PERTAINING TO VARIOUS PROJECT ITEMS INCLUDED IN THE TEXAS WATER PLAN.
- 1243 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 67-4, AUSTIN, TEXAS, 1967, PP 105-125. (2)
THE LOWER PART OF THE WILCOX GROUP IS DIVIDED INTO ITS MAJOR DEPOSITIONAL SYSTEMS AND COMPONENT FACIES OF THE VARIOUS SYSTEMS ARE DISCUSSED.
- 1249 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, GEOLOGIC ATLAS OF TEXAS, SHERMAN SHEET. 1/250,000, AUSTIN, TEX., 1967. (2)
COORD. LAT 33D TO 34D, LONG 96D TO 98D
- 1271 MILTON, CHARLES, AND BENNISON, A. P., PHOSPHATE NODULES FROM THE WILLS POINT FORMATION, HOPKINS COUNTY, TEXAS. IN- GEOLOGICAL SURVEY RESEARCH 1968, U. S. GEOLOGICAL SURVEY, PROFESSIONAL PAPER 600-B, WASHINGTON, D. C., 1968, PP B11-B15. (2)
THE LOCATION, STRATIGRAPHIC SIGNIFICANCE, AND CHEMICAL COMPOSITION OF THE NODULES ARE DISCUSSED BRIEFLY.

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., JUNE 1968, 66 PP. (2)
- 1318 PLEBUCH, R. O., AND HINES, M. S., WATER RESOURCES OF CLARK, CLEVELAND, AND DALLAS COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY BULLETIN 1879-A, WASHINGTON, D. C., 1969, 32 PP. (2)
- 1148 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, RED RIVER BASIN, OUACHITA AND BLACK RIVERS, ARKANSAS AND LOUISIANA, NINE-FOOT NAVIGATION PROJECT, DESIGN MEMORANDUM NO. 29, CALION LOCK AND DAM, SITE SELECTION. VICKSBURG, MISS., NOVEMBER 1965. (6)
- 1289 FLEETWOOD, A. R., GEOLOGICAL INVESTIGATION OF THE OUACHITA RIVER AREA, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECHNICAL REPORT NO. S-69-2, VICKSBURG, MISS., MARCH 1969. (2)

PLATE B18 - GREENWOOD

- 1197 THOMAS, ABRAHAM E., SOIL SURVEY OF GRENADA COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., APRIL 1967, 70 PP. (2)
- 1209 CLOUTIER, HARDY, AND FINGER, C. J., SOIL SURVEY OF CHICOT COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., MARCH 1967, 58 PP. (2)
- 1273 LARANCE, FRED C., AND OTHERS, SOIL SURVEY, CLEVELAND COUNTY, ARKANSAS. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., JUNE 1968, 66 PP. (2)
- 1318 PLEBUCH, R. O., AND HINES, M. S., WATER RESOURCES OF CLARK, CLEVELAND, AND DALLAS COUNTIES, ARKANSAS. U. S. GEOLOGICAL SURVEY BULLETIN 1879-A, WASHINGTON, D. C., 1969, 32 PP. (2)
- 1045 BAYLEY, FRED, JR., SEDIMENT DEPOSITS ON THE CONE AREA OF BIG SAND CREEK, MISSISSIPPI, IN THE U. S. ARMY ENGINEER DISTRICT, VICKSBURG, MISSISSIPPI. PREPARED FOR FEDERAL INTERAGENCY SEDIMENTATION CONFERENCE OF THE SUB-COMMITTEE ON SEDIMENTATION, ICWR, JACKSON, MISS., 1963, 11 PP. (1)
A STUDY OF SEDIMENTATION RATES BASED ON ACTUAL FIELD MEASUREMENTS.
- 1152 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, YAZOO HEAD-WATER FLOOD CONTROL PROJECT, YAZOO BASIN, MISSISSIPPI, MAIN STEM, DESIGN MEMORANDUM NO. 11, DETAILED DESIGN MEMORANDUM FOR SNAKE CREEK DRAINAGE STRUCTURE AND LEVEE GAP CLOSURE, VICKSBURG, MISS., NOVEMBER 1965, (6)
- 1153 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, YAZOO RIVER BASIN, YAZOO HEADWATER PROJECT, MISSISSIPPI (TRIBUTARIES), DESIGN MEMORANDUM NO. 1, OPOSSUM BAYOU CHANNEL IMPROVEMENT (OPOSSUM BAYOU, MUDDY BAYOU, AND DITCH 2). VICKSBURG, MISS., APRIL 1966. (6)
- 1304 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, YAZOO HEAD-WATER FLOOD CONTROL PROJECT, YAZOO BASIN, MISSISSIPPI,

HILLSIDE FLOODWAY, SUPPLEMENT A, DESIGN MEMORANDUM NO. 4, DETAILED DESIGN MEMORANDUM, TIPTON BAYOU DRAINAGE STRUCTURE. VICKSBURG, MISS., DEC 1968. (6)

1200 SAUCIER, R. T., AND KOLB, C. R., ALLUVIAL GEOLOGY OF THE YAZOO BASIN, LOWER MISSISSIPPI VALLEY. 1/250,000, U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS., 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.

1306 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, YAZOO RIVER BASIN, YAZOO HEADWATER PROJECT, MISSISSIPPI, RELOCATION OF FACILITIES, ALLIGATOR-CATFISH BAYOU CHANNEL IMPROVEMENT, DESIGN MEMORANDUM NO. 31, VICKSBURG, MISS., JAN 1968. (6)

PLATE B19 - WEST POINT

- 1197 THOMAS, ABRAHAM E., SOIL SURVEY OF GRENADA COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., APRIL 1967, 70 PP. (2)
- 1328 WASSON, B. E., GEOLOGY AND WATER RESOURCES OF THE BIG BLACK RIVER BASIN, MISSISSIPPI. BIG BLACK RIVER, MISSISSIPPI, COMPREHENSIVE BASIN STUDY, APPENDIX F, BIG BLACK RIVER BASIN COORDINATING COMMITTEE, APRIL 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.

PLATE B20 - TYLER

- 1098 BROADHURST, W. L., AND BREEDING, S. D., WATER RESOURCES OF MARION COUNTY, TEXAS, TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1943, 27 PP. (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, TEX., 1966, 73 PP. (2)
THIS REPORT CONTAINS A GEOLOGIC MAP, CROSS SECTIONS, BRIEF DESCRIPTIONS OF GEOLOGIC UNITS, AND THE LOGS OF SELECTED WELLS.
- 1279 BROOM, M. E., GROUND-WATER RESOURCES OF WOOD COUNTY, TEXAS. TEXAS WATER DEVELOPMENT BOARD REPORT 79, AUSTIN, TEXAS, AUGUST 1968, 84 PP. (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.
- 1081 BROOM, M. E., AND OTHERS, GROUND-WATER RESOURCES OF CAMP, FRANKLIN, MORRIS, AND TITUS COUNTIES, TEXAS. TEXAS WATER COMMISSION BULLETIN 6517, AUSTIN, TEX., 1965, 153 PP. (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.
- 1055 UNIVERSITY OF TEXAS, BUREAU OF ECONOMIC GEOLOGY, GEOLOGIC ATLAS OF TEXAS, TYLER SHEET. 1/250,000, AUSTIN, TEX., 1965. (2)
COORD. LAT 32D TO 33D, LONG 94D TO 96D
- 1093 BROADHURST, W. L., RECORDS OF WELLS AND SPRINGS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS AND SPRINGS IN HARRISON COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1942, 40 PP. (1)
- 1094 BROADHURST, W. L., RECORDS OF WELLS, DRILLERS LOGS, WATER

ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS IN UPSHUR COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1942, 15 PP. (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, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1943, 40 PP. (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, TEX., 1943, 17 PP. (1)
- 1097 BROADHURST, W. L., RECORDS OF WELLS, DRILLERS LOGS, WATER ANALYSES, AND MAP SHOWING LOCATIONS OF WELLS IN MARION COUNTY, TEXAS. TEXAS BOARD OF WATER ENGINEERS, AUSTIN, TEX., 1943, 16 PP. (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, TEX., 1942, 39 PP. (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, TEX., 1942, 19 PP. (1)
- 1163 BAKER, E. T., AND OTHERS, RECONNAISSANCE INVESTIGATION OF THE GROUND-WATER RESOURCES OF THE RED RIVER, SULPHUR RIVER, AND CYPRESS CREEK BASINS, TEXAS. TEXAS WATER COMMISSION BULLETIN 6306, AUSTIN, TEXAS, 1963. 127 PP. (2)
THIS REPORT CONTAINS GENERALIZED GEOLOGIC MAPS, CROSS SECTIONS, AND FORMATION DESCRIPTIONS. NO DETAILED DATA ARE PRESENTED.
- 1201 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL RECONNAISSANCE OF THE SULPHUR RIVER AND CYPRESS CREEK BASINS, TEXAS, BY R. T. SAUCIER, TECHNICAL REPORT NO. 3-798, VICKSBURG, MISS., NOVEMBER 1967. (2)
THIS REPORT CONTAINS DETAILED STRIP MAPS AND SUBSURFACE DATA PERTAINING TO VARIOUS PROJECT ITEMS INCLUDED IN THE TEXAS WATER PLAN.

1243 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 67-4, AUSTIN, TEXAS, 1967, PP 105-125. (2)

THE LOWER PART OF THE WILCOX GROUP IS DIVIDED INTO ITS MAJOR DEPOSITIONAL SYSTEMS AND COMPONENT FACIES OF THE VARIOUS SYSTEMS ARE DISCUSSED.

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., 1964, 127 PP. (2)
ALTHOUGH MOST OF THIS REPORT IS CONCERNED WITH SPECIFIC ORE DEPOSITS, THERE ARE CHAPTERS DEALING WITH THE GENERAL GEOLOGIC SETTING, PHYSIOGRAPHY, AND STRATIGRAPHY.
- 1186 JONES, HERSHEL L., THE GEOLOGY OF THE IRON ORE DEPOSITS OF THE SUGAR CREEK AREA, BIENVILLE, CLAIBORNE, AND LINCOLN PARISHES, LOUISIANA. UNPUBLISHED MASTER S THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., 1962. 108 PP. (4)
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 MASTER S THESIS, LOUISIANA POLYTECHNIC INSTITUTE, RUSTON, LOUISIANA, 1963, 37 PP. (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 MASTER S THESIS, LOUISIANA POLYTECHNIC INSTITUTE, RUSTON, LOUISIANA, 1961, 55 PP. (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, LOUISIANA, DESIGN MEMORANDUM NO. 1, GENERAL. NEW ORLEANS, LA., MAY 1965. (6)
- 1289 FLEETWOOD, A. R., GEOLOGICAL INVESTIGATION OF THE OUACHITA RIVER AREA, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECHNICAL REPORT NO. S-69-2, VICKSBURG, MISS., MARCH 1969, (2)
- 1290 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, RED RIVER

BASIN, CYPRESS BAYOU, LOUISIANA + TEXAS, REPLACEMENT OF
CADDO DAM, LOUISIANA, DESIGN MEMORANDUM NO. 1, GENERAL.
U. S. ARMY ENGINEER DISTRICT, LITTLE ROCK, LITTLE ROCK,
ARK., JULY 1967. (6)

PLATE B22 - JACKSON

- 1170 BICKER, A. R., JR., AND OTHERS, CLAIBORNE COUNTY GEOLOGY AND MINERAL RESOURCES. MISSISSIPPI GEOLOGICAL, ECONOMIC AND TOPOGRAPHICAL SURVEY BULLETIN 107, JACKSON, MISS., 1966, 174 PP. (2)
A COMPREHENSIVE TREATMENT OF THE GEOLOGY OF THE COUNTY, BOTH SURFACE AND SUBSURFACE, WITH A GEOLOGIC MAP, STRUCTURE MAPS, AND LOGS OF BORINGS.
- 1317 BICKER, A. R., JR., COPIAH COUNTY GEOLOGY AND MINERAL RESOURCES, MISSISSIPPI GEOLOGICAL, ECONOMIC AND TOPOGRAPHIC SURVEY BULLETIN 110, JACKSON, MISS., 1969, 172 PP. (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.
- 1034 COLE, W. A., AND CARTER, R. C., SOIL SURVEY - WARREN COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, SERIES 1961, NO. 9, WASHINGTON, D. C., NOVEMBER 1964, 73 PP. (2)
- 1284 WEEMS, T. A., AND OTHERS, SOIL SURVEY OF TENSAS PARISH, LOUISIANA. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., OCTOBER 1968, 70 PP. (2)
- 1057 KRINITZSKY, E. L., GEOLOGICAL INFLUENCES ON BANK EROSION ALONG MEANDERS OF THE LOWER MISSISSIPPI RIVER, U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, POTAMOLOGY INVESTIGATIONS REPORT 12-15, VICKSBURG, MISS., 1965, 30 PP. (1)
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, BATON ROUGE, LA., 1963, 38 PP. (2)
ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.

- 1151 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, TENSAS BASIN-BOEUF AND TENSAS RIVERS AND BAYOU MACON, ARKANSAS AND LOUISIANA, DESIGN MEMORANDUM NO. 1, BAYOU LAFOURCHE CHANNEL IMPROVEMENT (BAYOU LAFOURCHE, MILES 0.0-38.6 AND BOEUF RIVER, MILES 27.0-32.6). VICKSBURG, MISS., JULY 1966. (6)
- 1154 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECT, YAZOO BASIN--BIG SUNFLOWER RIVER, ETC., MISSISSIPPI, STEELE BAYOU, MAIN CANAL--RIVERSIDE DRAINAGE DISTRICT (CANAL NO. 9), AND BLACK BAYOU, SUPPLEMENT C TO GENERAL DESIGN MEMORANDUM NO. 1, DATED SEPTEMBER 1955. VICKSBURG, MISS., FEBRUARY 1964. (6)
- 1215 BICKER, ALVIN R., JR., PRELIMINARY INVESTIGATION OF THE GROUND-WATER RESOURCES OF COPIAH COUNTY. PROCEEDINGS OF THE MISSISSIPPI WATER RESOURCES CONFERENCE, WATER RESOURCES RESEARCH INSTITUTE, STATE COLLEGE, MISS., 1967, PP. 13-20. (2)
BRIEF DISCUSSIONS OF THE MAJOR WATER BEARING UNITS ARE INCLUDED IN THIS SHORT PAPER.
- 1289 FLEETWOOD, A. R., GEOLOGICAL INVESTIGATION OF THE OUACHITA RIVER AREA, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECHNICAL REPORT NO. S-69-2, VICKSBURG, MISS., MARCH 1969. (2)
- 1109 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL INVESTIGATION OF THE BOEUF-TENSAS BASIN, LOWER MISSISSIPPI VALLEY, BY R. T. SAUCIER. TECHNICAL REPORT NO. 3-757, VICKSBURG, MISS., FEBRUARY 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.
- 1187 EDWARDS, DOUGLAS E., JR., THE PHYSIOGRAPHY OF HINDS COUNTY, MISSISSIPPI. UNPUBLISHED MASTER S THESIS, MISSISSIPPI STATE COLLEGE, STATE COLLEGE, MISS., 1954. 156 PP. (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.

- 1200 SAUCIER, R. T., AND KOLB, C. R., ALLUVIAL GEOLOGY OF THE YAZOO BASIN, LOWER MISSISSIPPI VALLEY, 1/250,000, U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, VICKSBURG, MISS., 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.
- 1260 SIMPSON, LLOYD W., JR., A FORAMINIFERAL AND SEDIMENTARY ANALYSIS OF THE VICKSBURG GROUP (OLIGOCENE) IN WARREN AND HINDS COUNTIES, MISSISSIPPI. UNPUBLISHED THESIS, MISSISSIPPI STATE UNIVERSITY, STATE COLLEGE, MISS. 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 INCLUDED IN THE STUDY.
- 1328 WASSON, B. E., GEOLOGY AND WATER RESOURCES OF THE BIG BLACK RIVER BASIN, MISSISSIPPI. BIG BLACK RIVER, MISSISSIPPI, COMPREHENSIVE BASIN STUDY, APPENDIX F, BIG BLACK RIVER BASIN COORDINATING COMMITTEE, APRIL 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.

PLATE B23 - ALEXANDRIA

- 1044 NEWCOME, ROY, JR., AND SLOSS, RAYMOND, WATER RESOURCES OF RAPIDES PARISH, LOUISIANA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO. 8, BATON ROUGE, LA., 1966, 104 PP. (2)
- 1235 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., APRIL 1964. (6)
- 1247 PAINE, W. R., AND MEYERHOFF, A. A., CATAHOULA FORMATION OF WESTERN LOUISIANA AND THIN-SECTION CRITERIA FOR FLUVIATILE DEPOSITIONAL ENVIRONMENT. JOURNAL OF SEDIMENTARY PETROLOGY, VOL 38, NO. 1 (MARCH 1968), PP. 92-113. (5)
THIS ARTICLE CONTAINS A DETAILED DESCRIPTION OF THE FORMATION PLUS SEVERAL MEASURED SECTIONS.

PLATE B24 - NATCHEZ

- 1170 BICKER, A. R., JR., AND OTHERS, CLAIBORNE COUNTY GEOLOGY AND MINERAL RESOURCES. MISSISSIPPI GEOLOGICAL, ECONOMIC AND TOPOGRAPHICAL SURVEY BULLETIN 107, JACKSON, MISS., 1966, 174 PP. (2)
A COMPREHENSIVE TREATMENT OF THE GEOLOGY OF THE COUNTY, BOTH SURFACE AND SUBSURFACE, WITH A GEOLOGIC MAP, STRUCTURE MAPS, AND LOGS OF BORINGS.
- 1317 BICKER, A. R., JR., COPIAH COUNTY GEOLOGY AND MINERAL RESOURCES. MISSISSIPPI GEOLOGICAL, ECONOMIC AND TOPOGRAPHIC SURVEY BULLETIN 110, JACKSON, MISS., 1969, 172 PP. (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.
- 1266 MILBRANDT, A. C., AND HALE, L. B., SOIL SURVEY, PIKE COUNTY, MISSISSIPPI. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., FEBRUARY 1968, 62 PP. (2)
- 1284 WEEMS, T. A., AND OTHERS, SOIL SURVEY OF TENSAS PARISH, LOUISIANA. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., OCTOBER 1968, 70 PP. (2)
- 1150 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES PROJECT, RED RIVER BACKWATER AREA, LOUISIANA, LARTO LAKE TO JONESVILLE LEVEES, GENERAL DESIGN MEMORANDUM NO. 1, VICKSBURG, MISS., FEBRUARY 1964. (6)
- 1151 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, TENSAS BASIN-BOEUF AND TENSAS RIVERS AND BAYOU MACON, ARKANSAS AND LOUISIANA, DESIGN MEMORANDUM NO. 1, BAYOU LAFOURCHE CHANNEL IMPROVEMENT (BAYOU LAFOURCHE, MILES 0.0-38.6 AND BOEUF RIVER, MILES 27.0-32.6). VICKSBURG, MISS., JULY 1966. (6)
- 1215 BICKER, ALVIN R., JR., PRELIMINARY INVESTIGATION OF THE GROUND-WATER RESOURCES OF COPIAH COUNTY. PROCEEDINGS OF

THE MISSISSIPPI WATER RESOURCES CONFERENCE, WATER RESOURCES RESEARCH INSTITUTE, STATE COLLEGE, MISS., 1967, PP. 13-20. (2)

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

- 1242 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, MISSISSIPPI RIVER AND TRIBUTARIES, OLD RIVER, LA., LOW SILL CONTROL STRUCTURE, DESIGN MEMORANDUM NO. 4, SUPPLEMENT NO. 2, ANCHORED BARGE BARRIER. NEW ORLEANS, LA., MARCH 1966. "6"
- 1289 FLEETWOOD, A. R., GEOLOGICAL INVESTIGATION OF THE OUACHITA RIVER AREA, LOWER MISSISSIPPI VALLEY. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECHNICAL REPORT NO. S-69-2, VICKSBURG, MISS., MARCH 1969. (2)
- 1307 U. S. ARMY ENGINEER DISTRICT, VICKSBURG, CE, MISSISSIPPI RIVER AND TRIBUTARIES, RED RIVER BACKWATER AREA, LOUISIANA, DESIGN MEMORANDUM NO. 4, DETAILED DESIGN MEMORANDUM FOR LONG BRANCH DRAINAGE STRUCTURE, VICKSBURG, MISS., DEC 1967. (6)
- 1109 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL INVESTIGATION OF THE BOEUF-TENSAS BASIN, LOWER MISSISSIPPI VALLEY, BY R. T. SAUCIER. TECHNICAL REPORT NO. 3-757, VICKSBURG, MISS., FEBRUARY 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.
- 1172 PARSONS, BRIAN E., GEOLOGICAL FACTORS INFLUENCING RECHARGE TO THE BATON ROUGE GROUND-WATER SYSTEM, WITH EMPHASIS ON THE CITRONELLE FORMATION. UNPUBLISHED MASTER S THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., AUGUST 1967.
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.
- 1339 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL INVESTIGATION OF THE MISSISSIPPI RIVER AREA, ARTONISH TO DONALDSONVILLE, LA., BY R. T. SAUCIER. TECHNICAL REPORT NO. S-69-4, VICKSBURG, MISS., APRIL 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.

PLATE B25 - LAKE CHARLES

- 1120 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, CALCASIEU RIVER AND PASSES, LOUISIANA, DESIGN MEMORANDUM NO. 4, DETAIL, CALCASIEU RIVER SALTWATER BARRIER. NEW ORLEANS, LA., JULY 1964. (6)
- 1121 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, CALCASIEU RIVER AND PASSES, LOUISIANA, DESIGN MEMORANDUM NO. 3, GENERAL. NEW ORLEANS, LA., FEBRUARY 1964. (6)

PLATE B26 - BATON ROUGE

- 1316 DANCE, R. E., AND OTHERS, SOIL SURVEY OF EAST BATON ROUGE PARISH, LOUISIANA. U. S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, WASHINGTON, D. C., SEPTEMBER 1968, 80 PP. (2)
- 1261 WINNER, M. D., JR., AND OTHERS, WATER RESOURCES OF POINTE COUPEE PARISH, LOUISIANA. LOUISIANA GEOLOGICAL SURVEY, WATER RESOURCES BULLETIN NO. 11, BATON ROUGE, LA., MARCH 1968. (2)
- 1032 LONG, RICHARD A., GROUND WATER IN THE GEISMAR-GONZALES AREA, ASCENSION PARISH, LOUISIANA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO. 7, BATON ROUGE, LA., 1965, 67 PP. (2)
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.
- 1036 DAVIES, D. K., SEDIMENTARY STRUCTURES AND SUBFACIES OF A MISSISSIPPI RIVER POINT BAR. THE JOURNAL OF GEOLOGY, VOL 74, NO. 2 (1966), PP 234-239. (5)
- 1061 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 2, LAFAYETTE-PORT ALLEN STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., 1963, 14 PP. (2)
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. 3, HAMMOND-SLIDELL STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA. 1963, 35 PP. (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. 4, BATON ROUGE-HAMMOND STRIP. LOUISIANA DE-

PARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., 1964, 38 PP. (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. 5, BATON ROUGE-KENNER STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., 1964, 44 PP. (2)
ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.
- 1122 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LOUISIANA, GENERAL DESIGN MEMORANDUM. NEW ORLEANS, LA., JULY 1963. (6)
- 1123 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LOUISIANA, GENERAL DESIGN MEMORANDUM, SUPPLEMENT NO. 1. NEW ORLEANS, LA., SEPTEMBER 1963. (6)
- 1173 MARTINEZ, JOSEPH D., THE RECENT ALLUVIUM OF THOMAS AND DUNCAN POINTS. LOUISIANA WATER RESOURCES RESEARCH INSTITUTE TECHNICAL REPORT NO. 1, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., JUNE 1967. 24 PP. (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.
- 1234 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, PONTCHARTRAIN BASIN, TANGIPAOHA RIVER, LOUISIANA, ENTRANCE CHANNEL, DETAILED PROJECT REPORT. NEW ORLEANS, LA., JUNE 1967. (6)
- 1237 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA., AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMORANDUM NO. 3, GENERAL DESIGN. NEW ORLEANS, LA., NOVEMBER 1966. (6)
- 1311 CULLINAN, T. A., CONTRIBUTIONS TO THE GEOLOGY OF WASHINGTON AND ST. TAMMANY PARISHES, LOUISIANA. PHD. DISSERTATION,

TULANE UNIVERSITY, NEW ORLEANS, LA., APRIL 1969, 287 PP.,
(PUBLISHED BY U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS)
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.

- 1330 FRANZMANN, F. K., HISTORY OF SEDIMENTATION OF DUNCAN POINT,
A POINT BAR ON THE MISSISSIPPI RIVER, LOUISIANA. UNPUB-
LISHED THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE,
LA., AUGUST 1969. (4)

ANOMALOUS ACCRETION PATTERNS ON THE POINT DURING THE
PAST 28 YEARS ARE EVALUATED IN TERMS OF EXTERNAL INFLUENCES
SUCH AS UPSTREAM REVETMENT PLACEMENT AND DIVERSION OF DIS-
CHARGE THROUGH OLD RIVER.

- 1349 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONT-
CHARTRAIN, LA, AND VICINITY, LAKE PONTCHARTRAIN BARRIER
PLAN, DESIGN MEMO NO. 2 - GENERAL, SUPP. NO. 8, INNER
HARBOR NAVIGATION CANAL REMAINING LEVEES. NEW ORLEANS,
LA., FEB 1968. (6)

- 1033 MEYER, R. R., AND ROLLO, J. R., SALT-WATER ENCROACHMENT,
BATON ROUGE AREA, LOUISIANA. DEPARTMENT OF CONSERVATION,
LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES PAMPHLET NO.
17, BATON ROUGE, LA., 1965, 9 PP. (2)

DISCUSSIONS OF THE LOCATION AND NATURE OF A MAJOR
FAULT FORM THE BASIC PART OF THIS BRIEF REPORT.

- 1059 CARDWELL, GEORGE T., FORBES, M. J., JR., AND GAYDOS, M. W.,
PROGRESS REPORT ON THE AVAILABILITY OF FRESH WATER, LAKE
PONTCHARTRAIN AREA, LOUISIANA. DEPARTMENT OF CONSERVATION,
LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES PAMPHLET NO.
18, BATON ROUGE, LA., MAY 1966. (2)

PERHAPS THE MOST USEFUL PART OF THIS SHORT REPORT IS
A MAP SHOWING THE HYDROLOGIC FEATURES OF THE LAKE PONTCHAR-
TRAIN BASIN. NO BASIC DATA ARE INCLUDED, HOWEVER.

- 1102 ROLLO, J. R., GROUND-WATER RESOURCES OF THE GREATER
NEW ORLEANS AREA, LOUISIANA. LOUISIANA GEOLOGICAL SURVEY
AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, WATER RESOURCES
BULLETIN NO. 9, BATON ROUGE, LA., 1966, 69 PP. (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 ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 16, LAFAYETTE, LA. (1966), PP 159-174. (5)
IDENTIFICATION AND DESCRIPTION OF SUB-ENVIRONMENTS OF DEPOSITION WITHIN THE BACKSWAMP ENVIRONMENT IN THE ATCHAFALAYA BASIN IS THE THEME OF THIS ARTICLE.
- 1118 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN AND VICINITY, LOUISIANA, DESIGN MEMORANDUM NO. 12, SOURCES OF CONSTRUCTION MATERIALS. NEW ORLEANS, LA., JUNE 1966. (6)
- 1172 PARSONS, BRIAN E., GEOLOGICAL FACTORS INFLUENCING RECHARGE TO THE BATON ROUGE GROUND-WATER SYSTEM, WITH EMPHASIS ON THE CITRONELLE FORMATION. UNPUBLISHED MASTER S THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., AUGUST 1967.
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.
- 1211 CARDWELL, G. T., AND OTHERS, WATER RESOURCES OF THE LAKE PONTCHARTRAIN AREA, LOUISIANA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO. 12, BATON ROUGE, LA., DECEMBER 1967, 105 PP. (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.
- 1221 FRAZIER, DAVID E., RECENT DELTAIC DEPOSITS OF THE MISSISSIPPI RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 17, SAN ANTONIO, TEXAS (1967), PP. 287-315. (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.
- 1274 HARDER, A. H., AND OTHERS, WATER RESOURCES OF THE LETTSWORTH-INNIS-BATCHELOR AREA, POINTE COUPEE PARISH, LOUISI-

ANA. LOUISIANA GEOLOGICAL SURVEY, WATER RESOURCES PAMPHLET NO. 21, BATON ROUGE, LA., JANUARY 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.

- 1314 HO, CLARA, AND COLEMAN, J. M., CONSOLIDATION AND CEMENTATION OF RECENT SEDIMENTS IN THE ATCHAFALAYA BASIN. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL. 80, NO. 2 (1969), PP 183-192. (5)
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.
- 1320 KRINITZSKY, E. L., AND SMITH, F. L., GEOLOGY OF BACKSWAMP DEPOSITS IN THE ATCHAFALAYA BASIN, LOUISIANA. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECH. REPT. S-69-8, VICKSBURG, MISS., SEPTEMBER 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, LOUISIANA. DEPARTMENT OF CONSERVATION, LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO. 13, BATON ROUGE, LA., 1969, 45 PP. (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 SUBSIDENCE RELATED TO GROUND-WATER OFFTAKE IN THE NEW ORLEANS AREA. TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 18 (1968), PP 108-113. (5)
SUBSIDENCE OF AS MUCH AS 1.7 FEET BETWEEN 1938 AND 1964 IS ATTRIBUTED MAINLY TO PUMPAGE FROM THE 700-FT SAND.
- 1339 U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, CE, GEOLOGICAL INVESTIGATION OF THE MISSISSIPPI RIVER AREA, ARTONISH TO DONALDSONVILLE, LA., BY R. T. SAUCIER. TECHNICAL REPORT NO. S-69-4, VICKSBURG, MISS., APRIL 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.

PLATE B27 - MOBILE

- 1062 WALTERS, W. C., AND OTHERS, LOUISIANA ENGINEERING SOILS MAP REPORT NO. 3, HAMMOND-SLIDELL STRIP. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA. 1963, 35 PP. (2)
ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.
- 1237 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA., AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMORANDUM NO. 3, GENERAL DESIGN. NEW ORLEANS, LA., NOVEMBER 1966. (6)
- 1238 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN, DESIGN MEMORANDUM NO. 2--GENERAL DESIGN. NEW ORLEANS, LA., AUGUST 1967. (6)
- 1311 CULLINAN, T. A., CONTRIBUTIONS TO THE GEOLOGY OF WASHINGTON AND ST. TAMMANY PARISHES, LOUISIANA. PHD. DISSERTATION, TULANE UNIVERSITY, NEW ORLEANS, LA., APRIL 1969, 287 PP., (PUBLISHED BY U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS)
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.
- 1350 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA, AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN, DESIGN MEMO NO. 2 - GENERAL DESIGN, SUPP. NO. 3, CHEF MENTEUR PASS COMPLEX. NEW ORLEANS, LA., MAY 1969 (6)
- 1352 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., AUG 1967. (6)
- 1355 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, RIGOLETS CONTROL STRUCTURE, CLOSURE DAM, AND ADJOINING LEVEES, GENERAL DESIGN MEMO NO. 2, SUPP. NO. 1. NEW ORLEANS, LA., MARCH 1970. (6)

- 1059 CARDWELL, GEORGE T., FORBES, M. J., JR., AND GAYDOS, M. W.,
PROGRESS REPORT ON THE AVAILABILITY OF FRESH WATER, LAKE
PONTCHARTRAIN AREA, LOUISIANA. DEPARTMENT OF CONSERVATION,
LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES PAMPHLET NO.
18, BATON ROUGE, LA., MAY 1966. (2)
PERHAPS THE MOST USEFUL PART OF THIS SHORT REPORT IS
A MAP SHOWING THE HYDROLOGIC FEATURES OF THE LAKE PONTCHAR-
TRAIN BASIN. NO BASIC DATA ARE INCLUDED, HOWEVER.
- 1102 ROLLO, J. R., GROUND-WATER RESOURCES OF THE GREATER
NEW ORLEANS AREA, LOUISIANA. LOUISIANA GEOLOGICAL SURVEY
AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, WATER RESOURCES
BULLETIN NO. 9, BATON ROUGE, LA., 1966, 69 PP. (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.
- 1118 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONT-
CHARTRAIN AND VICINITY, LOUISIANA, DESIGN MEMORANDUM
NO. 12, SOURCES OF CONSTRUCTION MATERIALS. NEW ORLEANS,
LA., JUNE 1966. (6)
- 1211 CARDWELL, G. T., AND OTHERS, WATER RESOURCES OF THE LAKE
PONTCHARTRAIN AREA, LOUISIANA. DEPARTMENT OF CONSERVATION,
LOUISIANA GEOLOGICAL SURVEY WATER RESOURCES BULLETIN NO.
12, BATON ROUGE, LA., DECEMBER 1967, 105 PP. (2)
THE TEXT OF THIS REPORT IS CONCERNED ALMOST EXCLUSIVE-
LY WITH GROUNDWATER AND SURFACE WATER HYDROLOGY. HOWEVER,
THERE ARE SEVERAL PLATES OF CROSS SECTIONS WITH LITHOLOGIC
DATA.
- 1221 FRAZIER, DAVID E., RECENT DELTAIC DEPOSITS OF THE MISSIS-
SIPPI RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANS-
ACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES,
VOL 17, SAN ANTONIO, TEXAS (1967), PP. 287-315. (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.
- 1327 KAZMANN, R. G., AND HEATH, M. M., LAND SUBSIDENCE RELATED
TO GROUND-WATER OFFTAKE IN THE NEW ORLEANS AREA, TRANS-

ACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES,
VOL 18 (1968), PP 108-113. (5)
SUBSIDENCE OF AS MUCH AS 1.7 FEET BETWEEN 1938 AND
1964 IS ATTRIBUTED MAINLY TO PUMPAGE FROM THE 700-FT SAND.

PLATE B28 - PORT ARTHUR

- 1070 BROWN, BILLY H., RECENT SEDIMENTATION IN THE CHENIER TREND OF ROCKEFELLER REFUGE, CAMERON PARISH, LOUISIANA. UNPUBLISHED MASTERS THESIS, UNIVERSITY OF SOUTHWESTERN LOUISIANA, LAFAYETTE, LA., 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, LOUISIANA, GENERAL DESIGN MEMORANDUM NO. 1, SUPPLEMENT NO. 1, MODIFICATION OF NAVIGATION LOCK SIZE AND TYPE. NEW ORLEANS, LA., APRIL 1964. (6)
- 1161 COLEMAN, JAMES M., COASTAL SEDIMENTS AND LATE RECENT RISE OF SEA LEVEL, VERMILION, IBERIA, AND ST. MARY PARISHES, LOUISIANA. UNPUBLISHED PHD DISSERTATION, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., 1966. 123 PP. (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.
- 1162 KRAWIEC, WESLEY, RECENT SEDIMENTS OF THE LOUISIANA INNER CONTINENTAL SHELF. UNPUBLISHED PHD DISSERTATION, RICE UNIVERSITY, HOUSTON, TEXAS, 1966. 50 PP. (4)
THE NATURE AND DISTRIBUTION OF BEACH AND BOTTOM SEDIMENTS ARE DISCUSSED IN THIS DISSERTATION. SEDIMENT GRAIN-SIZE DATA ARE CONTAINED IN AN APPENDIX.

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., 1964, 44 PP. (2)
ENGINEERING SOIL TYPES ARE DEFINED, DESCRIBED, TABULATED ACCORDING TO THEIR PHYSICAL PROPERTIES, AND DELINEATED ON PHOTO STRIP MAPS.
- 1065 WALTERS, W. C., AND LASSERRE, L. M., JR., LOUISIANA ENGINEERING SOILS MAP REPORT NO. 6, TERREBONNE PARISH. LOUISIANA DEPARTMENT OF HIGHWAYS, TESTING AND RESEARCH SECTION, BATON ROUGE, LA., 1965, 71 PP. (2)
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.
- 1122 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LOUISIANA, GENERAL DESIGN MEMORANDUM. NEW ORLEANS, LA., JULY 1963. (6)
- 1123 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LOUISIANA, GENERAL DESIGN MEMORANDUM, SUPPLEMENT NO. 1. NEW ORLEANS, LA., SEPTEMBER 1963. (6)
- 1237 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA., AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMORANDUM NO. 3, GENERAL DESIGN. NEW ORLEANS, LA., NOVEMBER 1966. (6)
- 1238 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN, DESIGN MEMORANDUM NO. 2--GENERAL DESIGN. NEW ORLEANS, LA., AUGUST 1967. (6)
- 1239 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN, DESIGN MEMORANDUM NO. 2, GENERAL, ADVANCE SUPPLE-

MENT, INNER HARBOR NAVIGATION CANAL WEST LEVEE, FLORIDA AVENUE TO IHNC LOCK. NEW ORLEANS, LA., MARCH 1967. (6)

- 1323 OTVOS, E. G., JR., A SUBRECENT BEACH RIDGE COMPLEX IN SOUTHEASTERN LOUISIANA. GEOLOGICAL SOCIETY OF AMERICA BULLETIN, VOL 80 (1969), PP 2353-2357. (5)
THIS SHORT ARTICLE IS CONCERNED WITH THE ORIGIN OF THE MOREAU-CAMINADA BEACH RIDGE COMPLEX IN TERMS OF MISSISSIPPI RIVER SEDIMENTATION PATTERNS.
- 1349 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA, AND VICINITY, LAKE PONTCHARTRAIN BARRIER PLAN, DESIGN MEMO NO. 2 - GENERAL, SUPP. NO. 8, INNER HARBOR NAVIGATION CANAL REMAINING LEVEES. NEW ORLEANS, LA., FEB 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 - ADVANCE SUPP., INNER HARBOR NAVIGATION CANAL WEST LEVEE, FLORIDA AVENUE TO IHNC LOCK. NEW ORLEANS, LA., MARCH 1967. (6)
- 1359 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, FLOOD CONTROL, MISSISSIPPI RIVER AND TRIBUTARIES, ATCHAFALAYA BASIN FLOODWAY, LA., RAISING FLOODWALLS AT BERWICK, MORGAN CITY, AND TIGER ISLAND, LA. ST. LOUIS, MO., SEPT 1967. (6)
- 1102 ROLLO, J. R., GROUND-WATER RESOURCES OF THE GREATER NEW ORLEANS AREA, LOUISIANA. LOUISIANA GEOLOGICAL SURVEY AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, WATER RESOURCES BULLETIN NO. 9, BATON ROUGE, LA., 1966, 69 PP, (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 ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 16, LAFAYETTE, LA. (1966), PP 159-174. (5)
IDENTIFICATION AND DESCRIPTION OF SUB-ENVIRONMENTS OF DEPOSITION WITHIN THE BACKSWAMP ENVIRONMENT IN THE ATCHAFALAYA BASIN IS THE THEME OF THIS ARTICLE.
- 1161 COLEMAN, JAMES M., COASTAL SEDIMENTS AND LATE RECENT RISE

OF SEA LEVEL, VERMILION, IBERIA, AND ST. MARY PARISHES, LOUISIANA. UNPUBLISHED PHD DISSERTATION, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., 1966. 123 PP. (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.

- 1162 KRAWIEC, WESLEY. RECENT SEDIMENTS OF THE LOUISIANA INNER CONTINENTAL SHELF. UNPUBLISHED PHD DISSERTATION, RICE UNIVERSITY, HOUSTON, TEXAS, 1966. 50 PP. (4)

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

- 1221 FRAZIER, DAVID E., RECENT DELTAIC DEPOSITS OF THE MISSISSIPPI RIVER, THEIR DEVELOPMENT AND CHRONOLOGY, TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 17, SAN ANTONIO, TEXAS (1967), PP. 287-315. (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.

- 1240 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., JULY 1967. (6)

- 1320 KRINITZSKY, E. L., AND SMITH, F. L., GEOLOGY OF BACKSWAMP DEPOSITS IN THE ATCHAFALAYA BASIN, LOUISIANA. U. S. ARMY ENGINEER WATERWAYS EXPERIMENT STATION, TECH. REPT. S-69-8, VICKSBURG, MISS., SEPTEMBER 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.

- 1327 KAZMANN, R. G., AND HEATH, M. M., LAND SUBSIDENCE RELATED TO GROUND-WATER OFFTAKE IN THE NEW ORLEANS AREA, TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 18 (1968), PP 108-113. (5)

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

PLATE B30 - BRETON SOUND

- 1237 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA., AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMORANDUM NO. 3, GENERAL DESIGN. NEW ORLEANS, LA., NOVEMBER 1966. (6)
- 1264 EMMER, RODNEY E., CREVASSES OF THE LOWER MISSISSIPPI RIVER DELTA. UNPUBLISHED MASTER'S THESIS, LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA., AUGUST 1968, 53 PP. (4)
THIS THESIS IS CONCERNED WITH THE GROWTH, HYDROGRAPHY, AND SEDIMENTARY FRAMEWORK OF CREVASSE SPLAYS IN THE RAPHAEL PASS AND PASS A LOUTRE AREAS OF THE DELTA.
- 1352 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., AUG 1967. (6)
- 1353 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMO NO. 3, GENERAL DESIGN, SUPP. NO. 1, CHALMETTE EXTENSION. NEW ORLEANS, LA., SEPT 1968. (6)
- 1354 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, LAKE PONTCHARTRAIN, LA. AND VICINITY, CHALMETTE AREA PLAN, DESIGN MEMO NO. 5, DETAIL DESIGN, BAYOU BIENVENUE AND BAYOU DUPRE CONTROL STRUCTURES. NEW ORLEANS, LA., MARCH 1968. (6)
- 1358 U. S. ARMY ENGINEER DISTRICT, NEW ORLEANS, CE, MISSISSIPPI RIVER-GULF OUTLET, LA., GENERAL DESIGN MEMO NO. 2, SUPP. NO. 3, BAYOU LA LOUTRE RESERVATION. NEW ORLEANS, LA., FEB 1968. (6)
- 1102 ROLLO, J. R., GROUND-WATER RESOURCES OF THE GREATER NEW ORLEANS AREA, LOUISIANA, LOUISIANA GEOLOGICAL SURVEY AND LOUISIANA DEPARTMENT OF PUBLIC WORKS, WATER RESOURCES BULLETIN NO. 9, BATON ROUGE, LA., 1966, 69 PP. (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.

- 1162 KRAWIEC, WESLEY, RECENT SEDIMENTS OF THE LOUISIANA INNER CONTINENTAL SHELF. UNPUBLISHED PHD DISSERTATION, RICE UNIVERSITY, HOUSTON, TEXAS, 1966. 50 PP. (4)
THE NATURE AND DISTRIBUTION OF BEACH AND BOTTOM SEDIMENTS ARE DISCUSSED IN THIS DISSERTATION. SEDIMENT GRAIN-SIZE DATA ARE CONTAINED IN AN APPENDIX.
- 1189 SIEGERT, RUDOLF B., SEDIMENTARY PARAMETERS OF UPPER BARATARIA BAY, LOUISIANA. UNPUBLISHED MASTER S THESIS, AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, COLLEGE STATION, TEXAS, AUGUST 1961. 63 PP. (4)
STATISTICAL ANALYSES OF THE GRAIN-SIZE DISTRIBUTIONS OF BOTTOM SEDIMENTS WERE CONDUCTED TO ATTEMPT TO IDENTIFY THE SEDIMENTARY PROCESSES OPERATIVE WITHIN THE BAY.
- 1218 KOLB, C. R., AND KAUFMAN, R. I., PRODELTA CLAYS OF SOUTHEAST LOUISIANA. MARINE GEOTECHNIQUE, EDITED BY A. F. RICHARDS, UNIVERSITY OF ILLINOIS PRESS, URBANA, ILL., 1967. (5)
THIS ARTICLE CONTAINS A DETAILED DESCRIPTION OF PRODELTA 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 MISSISSIPPI RIVER, THEIR DEVELOPMENT AND CHRONOLOGY. TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 17, SAN ANTONIO, TEXAS (1967), PP. 287-315. (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.
- 1326 BRIGGS, G., SEDIMENTATION IN BRETON SOUND AND THE EFFECTS OF THE MISSISSIPPI RIVER-GULF OUTLET. TRANSACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES, VOL 18 (1968), PP 304-319. (5)
FROM A STUDY OF THE FACTORS INFLUENCING SEDIMENT DISTRIBUTION SUCH AS TIDES, WINDS, SPOIL, SALINITY, ETC., IT IS CONCLUDED THAT THE PRINCIPAL SOURCE OF THE SHOAL MATERIAL IS THE DREDGE SPOIL FROM THE OUTLET ITSELF.
- 1327 KAZMANN, R. G., AND HEATH, M. M., LAND SUBSIDENCE RELATED TO GROUND-WATER OFFTAKE IN THE NEW ORLEANS AREA. TRANS-

ACTIONS, GULF COAST ASSOCIATION OF GEOLOGICAL SOCIETIES,
VOL 18 (1968), PP 108-113. (5)

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

- 1346 MOORE, G. T., ROLE OF SALT WEDGE IN BAR-FINGER SAND AND
DELTA DEVELOPMENT. AMERICAN ASSOCIATION OF PETROLEUM
GEOLOGISTS BULLETIN, VOL 54 (1970), PP 326-333. (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.

- 1360 KWON, H. J., SOURCE OF BARRIER ISLAND SEDIMENTS-NORTHERN
GULF COAST. UNPUBLISHED DISSERTATION, LOUISIANA STATE
UNIVERSITY, BATON ROUGE, LA., 1969, 79 P. (4)

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