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Division of Resource Management
Florida Geological Survey

Information Circular 87
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compiled by
Alice N. Jordan

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Tallahassee, Florida
1992

THE FLORIDA GEOLOGICAL SURVEY

The Florida Geological Survey (Florida Bureau of Geology) was organized in 1907. The organizational name was changed to the Division of Geology under the Florida Board of Conservation in 1961, and to the Bureau of Geology under the Florida Department of Natural Resources in 1969. In 1983, the Florida Legislature reestablished the name Florida Geological Survey. The organic act (Florida Statutes Chapter 377) states: "The geological department of the board shall make ... surveys and explorations of minerals, water supply, and other natural resources of the state and shall prepare reports and maps covering surveys and explorations, occurrences and location of minerals and subterranean water supply and power and mineral waters, and the best and most economical method of development, together with analysis of soils, minerals and mineral waters ..." Also under authority of the Florida Statutes, the Survey regulates the exploration for, and production of oil and gas in Florida.

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The Florida Geological Survey does not provide publications for resale.

* - publication is out-of-print (see #4 above)

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Florida Geological Survey

ANNUAL REPORTS

*AR 1 1908, 114 p., 6 pl. This report contains (1) a sketch of the geology of Florida, (2) a chapter on mineral industries, including phosphate, kaolin ball clay, brick-making clays, fullers earth, peat, lime, cement, and road-making materials, (3) a bibliography of publications on Florida geology, with a review of more important papers published prior to the organization of the present Geological Survey.

*AR 2 1909, 299 p., 19 pl., 5 fig., 1 map. This report contains (1) a preliminary report on the geology of Florida, with special reference to stratigraphy, including a topographic and geologic map of Florida, prepared in cooperation with the United States Geological Survey, (2) mineral industries, (3) the fullers earth deposits of Gadsden County, with notes on similar deposits found elsewhere in the state.

*AR 3 1910, 397 p., 30 fig. This report contains (1) a preliminary paper on the Florida phosphate deposits, (2) some Florida lakes and lake basins, (3) the artesian water supply of eastern Florida, (4) a preliminary report on the Florida peat deposits.

*AR 4 1912, 175 p., 16 pl., 15 fig., 1 map. This report contains (1) the soils and other surface residual materials of Florida, their origin, character, and the formations from which derived, (2) the underground water supply of west central and west Florida, (3) production of phosphate rock and fullers earth in Florida during 1910 and 1911.

*AR 5 1913, 306 p., 14 pl., 17 fig., 2 maps. This report contains (1) origin of the hard rock phosphate deposits of Florida, (2) list of elevations in Florida, (3) artesian water supply of eastern and southern Florida, (4) production of phosphate in Florida during 1912, (5) statistics on public roads in Florida.

*AR 6 1914, 451 p., 90 fig., 1 map. This report contains (1) mineral industries and resources of Florida, (2) some Florida lakes and lake basins, (3) relation between the Dunnellon Formation and the Alachua clays, (4) geography and vegetation of northern Florida.

*AR 7 1915, 342 p., 80 fig., 4 maps. This report contains (1) pebble phosphates of Florida, (2) natural resources of an area in central Florida, (3) soil survey of Bradford County, (4) soil survey of Pinellas County.

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*AR 8 1916, 168 p., 31 pl., 14 fig. This report contains (1) administrative report and mineral industries of Florida during 1915, (2) description of some Florida fossil vertebrates, belonging mostly to the Pleistocene, (3) fossil vertebrates from Florida; a new Miocene fauna, a new Pliocene species, the Pleistocene fauna, (4) human remains and associated fossils from the Pleistocene of Florida.

*AR 9 1917, 151 p., 8 pl., 13 fig., 2 maps. This report contains (1) mineral industries, (2) additional studies in the Pleistocene at Vero, Florida, (3) geology between the Ocklocknee and Aucilla Rivers in Florida.

*AR 10/11 1918, 130 p., 4 pl., 9 fig., 2 maps. This report contains (1) geology between the Apalachicola and Ocklocknee Rivers, (2) the skull of a Pleistocene tapir with description of a new species and a note on the associated faunaáand flora, (3) geology between the Choctawhatchee and Apalachicola Rivers, (4) mineral statistics, (5) molluscan fauna from the marls near DeLand.

*AR 12 1919, 153 p., 4 maps. This report contains (1) literature relating to human remains and artifacts at Vero, Florida, (2) fossil beetles from Vero, (3) elevations in Florida, (4) geologic section across the Everglades of Florida, (5) the age of the underlying rocks of Florida as shown by the foraminifera of well borings, (6) review of the geology of Florida with special reference to structural conditions.

*AR 13 1921, 307 p., 43 fig. This report contains (1) oil prospecting in Florida, (2) statistics of mineral production, 1918, (3) foraminifera from the deep wells of Florida, (4) the geography of central Florida.

*AR 14 1922, 135 p., 10 fig., 1 map. This report contains (1) statistics on mineral production, 1919 and 1920, (2) the petroleum possibilities of Florida, including a geologic map.

*AR 15 1924, 266 p., 2 pl., 55 fig. This report contains: (1) statistics on mineral production, 1921 and 1922, (2) a contribution to the late Tertiary and Quaternary paleontology of northeastern Florida, (3) preliminary report on clays of Florida.

*AR 16 1925, 203 p., 52 fig., 2 maps. This report contains (1) administrative report and statistics on mineral production, 1923, (2) a preliminary report on the limestones and marls of Florida.

*AR 17 1926, 275 p., 5 fig., 2 maps. This report contains (1) administrative report and statistics on mineral production in 1924, (2) history of soil investigation in Florida and description of the new soil map, (3) generalized soil map of Florida in color, (4) review of structure and stratigraphy of Florida.

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*AR 18 1927, 206 p., 58 fig. This report contains (1) administrative report and statistics on mineral production, 1925, (2) natural resources of southern Florida.

*AR 19 1928, 183 p., 5 pl., 36 fig., 9 tables. This report contains (1) administrative report and statistics on mineral production, 1926, (2) sand and gravel deposits of Florida, (3) beach deposits of ilmenite, zircon, and rutile in Florida, (4) new species of Operulina and Discocyclina from the Ocala limestone, (5) new species of Coskinolina and Dictyoconus (?) from Florida.

*AR 20 1929, 294 p., 40 pl., 4 fig., 1 map. This report contains (1) administrative report and statistics of mineral production in Florida during 1927, (2) geology of Florida with geologic map, (3) extinct land mammals of Florida.

*AR 21/22 1931, 129 p., 39 fig. This report contains: (1) administrative report and statistics of mineral production, 1928-1929, (2) need for conservation and protection of our water supply, (3) the possibility of petroleum in Florida, (4) beaches of Florida, (5) a palm nut of Attalea from the upper Eocene of Florida.

*AR 23/24 1933, 227 p., 23 fig., 3 tables. This report contains (1) administrative report and statistics on mineral production, 1930-1931, (2) northern disjuncts in northern Florida and cypress domes, (3) notes on the geology and the occurrence of some diatomaceous earth deposits of Florida and diatoms of the Florida peat deposits, (4) groundwater resources of Sarasota County, Florida, and exploration of artesian wells in Sarasota County, Florida.

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BIENNIAL REPORTS

*BR 1 1933-1934; including economic investigation of water and mineral resources; 1935, 25 p., 4 fig.

*BR 2 1935-1936; featuring review of the Florida mineral industry, 1934-35; 1937, 29 p., 6 fig.

*BR 3 1937-1938; including review of Florida mineral industry and list of producers and production for 1936-37; 1939, 28 p., 2 fig.

*BR 4 1939-1940; including review of the museum collection of rocks, minerals, fossils and artifacts; mineral resources, producers, and production during 1938-39; 1941, 30 p., 1 fig.

*BR 5 1941-1942; museum collection; oil prospecting and well drilling; mineral resources, producers, and production during 1940-41; 1943, 32 p.

*BR 6 1943-1944; water resources; discovery of oil; mineral industry and summaries of production, 1942-1943; 1945, 29 p., 3 fig.

*BR 7 1945-1946; oil prospecting and production; mineral statistics and list of producers, 1944-45; 1947, 22 p.

*BR 8 1947-1948; expanded program in cooperation with other agencies; oil prospecting and production; mineral production and producers during 1946-1947; 1949, 30 p., 3 fig.

*BR 9 1949-1950; well sample library; oil exploration and development data; Florida mineral industry - summary of production and producers during 1948-49; 1951, 32 p., 4 fig.

*BR 10 1951-1952; rock sample and core data; cooperative activities; Florida mineral industry, production and producers during 1950-1951; 1953, 54 p., 9 fig.

*BR 11 1953-1954; rock sample and core data; cooperative activities; Florida mineral industry production, and producers during 1952-1953; 1955, 60 p., 4ig.

*BR 12 1955-1956; duties of the Survey personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies; study of the proposed Cross-Florida Barge Canal and Sanford-Titusville Canal; Florida mineral industry and producers during 1954-55; 1957, 86 p., 12 fig., 2 tables.

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*BR 13 1957-1958; personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies; Florida mineral industry and producers during 1956-1957; 1959, 84 p., 14 fig., 4 tables.

*BR 14 1959-1960; personnel of the Florida and U.S. Geological Surveys; cooperative activities with other agencies; Florida mineral industry and producers during 1958-1959; 1961, 184 p., 12 fig., 10 tables.

BR 15 1987-1988 Biennial Report, 1990. By P.A. Bond, 34 p.

BR 16 1989-1990 Biennial Report, 1991. By P.A. Bond, 40 p.

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BULLETINS

*B 1 The Underground Water Supply of Central Florida, by E.H. Sellards, 1908, 103 p., 6 pl., 6 text fig. Contains (1) underground water, general discussion, (2) the underground water of central Florida, deep and shallow wells, spring and artesian prospects, (3) effects of underground solution, cavities, sinkholes, disappearing streams, and solution basins, (4) drainage of lakes, ponds, and swamp lands and disposal of sewage by bored wells, (5) water analyses and tables giving general water resources, public water supplies, spring and well records.

*B 2 Roads and Road Materials of Florida, by E.H. Sellards, H. Gunter & N.H. Cox, 1911, 31 p., 4 pl. Contains (1) an account of the road building materials of Florida, (2) a statistical table showing the amount of improved roads built by the counties of the State to the close of 1910.

*B 3 Miocene Gastropods and Scaphopods of the Choctawhatchee Formation of Florida, by W.C. Mansfield, 1930, 189 p., 21 pl.

*B 4 The Foraminifera of the Choctawhatchee Formation of Florida, by J.A. Cushman, 1930, 93 p., 12 pl.

*B 5 (1) A Fossil Teleost Fish of the Snapper Family (Lutianidae) from the Lower Oligocene of Florida, by W.K. Gregory, (2) The Foraminifers of the Marianna Limestone of Florida, by W.S. Cole and G.M. Ponton, 1930, 61 p., 11 pl., 2 fig.

*B 6 The Pliocene and Pleistocene Foraminifera of Florida, by W.S. Cole, 1931, 79 p., 3 fig., 2 tables.

*B 7 The Pensacola Terrace and Associated Beaches and Bars of Florida, by F. Leverett, 1931, 44 p., 8 fig., 1 map.

*B 8 Miocene Pelecypods of the Choctawhatchee Formation of Florida, by W.C. Mansfield, 1932, 240 p., 34 pl., 3 fig.

*B 9 The Foraminifera of the Upper Middle, and Part of the Lower Miocene of Florida, by J.A. Cushman and G.M. Ponton, 1932, 147 p., 17 pl., 2 tables, 1 map.

*B 10 (1) Miocene Land Mammals From Florida, by G.G. Simpson, (2) New Heteromyid Rodents from the Miocene of Florida, by A.E. Wood, (3) Aphelops from the Hawthorn Formation of Florida, by E.H. Colbert, 1932, 58 p., 30 fig.

*B 11 Ground Water Investigations in Florida, by V.T. Stringfield, 1933, 33 p.

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*B 12 New Miocene Gastropods and Scaphopods From Alaqua Creek Valley, Florida, by W.C. Mansfield, 1935, 50 p., 5 pl.

*B 13 Ostracods of the Arca Zone of the Choctawhatchee Miocene of Florida, by H.V. Howe, 1935, 47 p., 4 pl.

*B 14 Additions to the Molluscan Fauna of the Alum Bluff Group of Florida, by J. Gardner, 1936, 82 p., 10 pl.

*B 15 Mollusks of the Tampa and Suwannee Limestones of Florida, by W.C. Mansfield, 1937, 334 p., 21 pl.

*B 16 Stratigraphy and Micropaleontology of Two Deep Wells in Florida, Mamie S. Hammond., Granberry No. 1, W-285, Jackson Co., and Port St. Joe Paper Company, Test Wells No. 3, W-288, and No. 4, W-289, Gulf Co., by W.S. Cole, 1938, 6 p., 12 pl., 3 fig.

*B 17 Scenery of Florida Interpreted by a Geologist, by C.W. Cooke, 1939, 120 p., 58 fig.

*B 18 Notes on the Upper Tertiary and Pleistocene Mollusks of Peninsular Florida, by W.C. Mansfield, 1939, 76 p., 4 pl., 2 fig., 5 tables.

*B 19 Stratigraphic and Paleontologic Studies of Wells in Florida - No. 1, United Brotherhood of Carpenters and Joiners of America, Power House Well No. 2, W-448, Polk Co., and Peninsular Oil and Refining Company's J.W. Cory No. 1, W-445, Monroe Co., by W.S. Cole, 1941, 94 p., 18 pl., 4 fig., 1 table.

*B 20 Stratigraphic and Paleontologic Studies of Wells in Florida - No. 2, Suwannee Petroleum Corporation's Sholtz No. 1, W-166, Levy Co., and Florida Oil Discovery Company's Cedar Keys No. 2, W-355, Levy Co., by W.S. Cole, 1942, 90 p., 16 pl., 4 fig.

B 21 Geology of Holmes and Washington Counties, Florida, by R.O. Vernon, 1942, 90 p., 16 pl., 4 fig. ($1.00).

*B 22 Contributions to Florida Vertebrate Paleontology: (1) A Fossil Squirrel-Fish from the Upper Eocene of Florida, by G.M. Conrad, (2) The Rostrum of Felsinotherium Ossivalense, by J.T. Gregory, 1941, 47 p., 5 pl., 3 fig.

*B 23 Florida Dunes and Scrub, Vegetation and Geology, by H. Kurz, 1942, 154 p., 25 pl., 24 fig., 3 tables.

*B 24 Florida Mineral Industry, with Summaries of Production for 1940 and 1941, by R.O. Vernon, 1943, 207 p., 40 fig., 25 tables.

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*B 25 The Natural Features of Southern Florida, Especially the Vegetation and the Everglades, by J.H. Davis, Jr., 1943, 311 p., 66 fig., 5 maps, 10 tables.

*B 26 Stratigraphic and Paleontologic Studies of Wells in Florida - No. 3, City of Quincy Well, W-4, Gadsden Co., St. Mary's River Oil Corporation, Hilliard Turpentine Company No. 1, W-336, Nassau Co., by W.S. Cole, 1944, 168 p., frontispiece, 29 pl., 5 fig. Addendum: Discovery of Oil in Florida, pp. 162-163, fig. 4-5.

*B 27 Late Cenozoic Geology of Southern Florida, with a Discussion of the Ground Water, by G.G. Parker and C.W. Cooke, 1944, 119 p., 26 pl., 4 fig.

B 28 Stratigraphic and Paleontologic Studies of Wells in Florida - No. 4, City of Tallahassee Water Well no. 6, W-453, Leon Co., Dale Mabry Field Water Well "B", W-95, Leon Co., Ravlin-Brown V.G. Phillips No. 1 Well, W-440, Wakulla County, by W.S. Cole, 1945, 160 p., 22 pl., 8 fig., 17 tables. ($1.00).

*B 29 Geology of Florida, by C.W. Cooke, 1945, 342 p., 1 pl., 1 map, 47 fig.

*B 30 The Peat Deposits of Florida, Their Occurence, Development, and Uses, by J.H. Davis, Jr., 1946, 250 p., frontispiece, 36 fig., 27 tables.

*B 31 Springs of Florida, by G.E. Ferguson, C.W. Lingham, S.K. Love, and R.O. Vernon, 1947, 198 p., frontispiece, 1 map, 37 fig., 4 tables.

*B 31 Springs of Florida (Revised) by J.C. Rosenau, G.L. Faulkner, C.W. Hendry, Jr. and R.W. Hull, 1977, 461 p., frontispiece, 31 fig., 7 tables, 175 fig. Note: Bulletin 31 is now available from the Ocala National Forest Interpretive Association at the cost of $27 plus postage. Requests should be directed to the Association at: 10863 E. Hwy. 40, Silver Springs, FL 32688, or phone 904/625-7470.

*B 32 Elevations in Florida, by H. Gunter, 1948, 1160 p., 2 fig.

*B 33 Geology of Citrus and Levy Counties, Florida, by R.O. Vernon, 1951, 256 p., frontispiece, 2 pl. 1 map, 40 fig., 20 tables.

B 34 Paleontological Studies: Part I - New Tertiary Ostracode Fauna from Levy County, Florida, by H.V. Howe; Part II - The Echinoid Fauna of the Inglis Member, Moodys Branch Formation, by A.G. Fischer; 1951, 112 p., 12 pl., 18 fig., 3 tables. ($1.00).

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B 35 Eocene Mollusks from Citrus and Levy Counties, Florida, by H.G. Richards and K.V.W. Palmer, 1953, 96 p., 13 pl. ($1.00).

B 36 Contribution to the Study of the Miocene of the Florida Panhandle, by H.S. Puri, 1954, 345 p., 47 pl., 21 fig., 15 tables, 1 map. ($1.00).

B 37 Geology of Jackson County, Florida, by W.E. Moore, 1955, 101 p., frontispiece, 5 pl., 27 fig., 3 tables. ($1.00).

B 38 Stratigraphy and Zonation of the Ocala Group, by H.S. Puri, 1957, 248 p., 3 pl., 30 fig., 3 tables. ($1.00).

*B 39 Mining and Mineral Resources, by J.L. Calver, 1957, 132 p., 35 fig., 12 tables.

B 40 Stratigraphy and Paleontology of the Late Neogene Strata of the Caloosahatchee River Area of Southern Florida, by J.R. DuBar, 1958, 267 p., 4 pl., 49 fig., 10 tables. ($1.00).

B 41 Some Geomorphic Features of Central Peninsular Florida, by W.A. White, 1958, 92 p., 3 pl., 14 fig. ($1.00).

B 42 The Limestone Resources of Washington, Holmes, and Jackson Counties, Florida, by W.D. Reves, 1961, 121 p., 27 fig., 9 tables. ($1.00).

B 43 Neogene Biostratigraphy of the Charlotte Harbor Area in Southwestern Florida, by J.R. DuBar, 1962, 83 p., 8 fig., 2 pl., 8 tables. ($1.00).

B 44 The Osteology and Paleontology of the Passerine Birds of Reddick, Florida, by J.H. Hamon, 1964, 209 p., 13 fig., 3 tables. ($1.00).

B 45 The Regional Lithostratigraphic Analysis of Paleocene and Eocene Rocks of Florida, by C.S. Chen, 1965, 105 p., 44 fig., 1 table. ($1.00).

B 46 Geology of Escambia and Santa Rosa Counties, Western Florida Panhandle, by O.T. Marsh, 1966, 140 p., 28 fig., 5 pl., 16 tables. ($1.00).

B 47 Geology and Ground-Water Resources of Leon County, Florida, by C.W. Hendry, Jr. and C.R. Sproul, 1966, 178 p., 37 fig., 1 pl., 8 tables. ($1.00).

B 48 Geology of Jefferson County, Florida, by J.W. Yon, Jr., 1966, 115 p., 2 fig., 1 pl., 9 tables. ($1.00).

B 49 Geology of Dixie and Gilchrist Counties, Florida, by H.S. Puri, J.W. Yon, Jr., and W.R. Oglesby, 1967, 155 p., 55 fig., 2 pl., 18 tables. ($1.00).

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B 50 Mineral Resource Study of Holmes, Walton and Washington Counties, by J.W. Yon, Jr. and C.W. Hendry, Jr., 1970, 161 p., 16 fig., 11 tables. ($1.00).

*B 51 Geomorphology of the Florida Peninsula, by W.A. White, 1970, 164 p., 44 fig. 7 pl.

B 52 Ancient Sea Levels Stands in Florida, by E.C. Pirkle, W.H. Yoho, and C.W. Hendry, Jr., 1970, 61 p., 2 fig., 10 tables. ($1.00).

B 53 Corals from the Chipola and Jackson Bluff Formations of Florida, by N.E. Weisbord, 1972, 100 p., 8 fig., 15 pl. ($1.00).

B 54 (1) Suwannee Limestone in Hernando and Pasco Counties, Florida, by J.W. Yon, Jr. and C.W. Hendry, Jr., 1972, 42 p., 16 fig., 2 tables; (2) Petrography of the Suwannee Limestone, by A.F. Randazzo, 1972, 13 p., 7 fig., 1 table. ($1.00).

B 55 Igneous and Metamorphic Basement Rocks of Florida, by C. Milton, 1972, 125 p., 85 fig., 6 tables. ($1.00).

*B 56 New and Little-known Corals from the Tampa Formation of Florida, by N.E. Weisbord, 1973, 156 p., 35 pl.

*B 57 Geology of Bay County, Florida, by W. Schmidt and M. Wiggs Clark, 1980, 96 p., 45 fig., 2 tables.

*B 58 Stratigraphy and Geologic History of the Apalachicola Embayment, by W. Schmidt, 1985, 146 p., 64 fig., 6 pl., 7 tables.

B 59 The Lithostratigraphy of the Hawthorn (Miocene) of Florida, by T.M. Scott, 1988, xiv, 148 p., 81 fig., 1 table. ($1.00).

*B 60 Geology of Wakulla County, Florida, by F. Rupert and S. Spencer, 1988, vii, 46 p., 22 fig., 2 tables.

B 61 Geology and Ground-water Resources of Madison County, Florida, by Ronald W. Hoenstine, Steven M. Spencer, and Teresa O'Carroll, 1990. ($1.00).

B 62 Geology of Gadsden County, Florida, by Frank R. Rupert, 1990. ($1.00).

B 63 Geology of Gulf County, Florida, by Frank R. Rupert, 1991, 51 p., 22 fig., 3 tables. ($1.00).

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INFORMATION CIRCULARS

*IC 1 Exploration for Oil and Gas in Florida, by H. Gunter, 1948, 68 p., 2 fig., 2 tables. Revised 1949, 106 p., 3 fig., 2 tables.

1949 Supplement, 1950, 38 p., 2 fig., 2 tables
1950 Supplement, 1951, 25 p., 2 fig., 1 table
1951 Supplement, 1952, 11 p., 1 fig., 1 table
1952 Supplement, 1953, 17 p., 1 fig., 1 table
1953 Supplement, 1954, 40 p., 2 fig., 1 table
1954 Supplement, 1955, 35 p., 2 fig., 2 tables
1955 Supplement, 1956, 31 p., 2 fig., 2 tables
1956 Supplement, 1957, 16 p., 2 fig., 1 table
1957 Supplement, 1958, 16 p., 2 fig., 2 tables
1958 Supplement, 1959, 13 p., 2 fig., 1 table
1959 Supplement, 1960, 15 p., 2 fig., 1 table
1960 Supplement, 1961, 15 p., 2 fig., 4 tables

*IC 2 Florida Kaolins and Clays, by J.L. Calver, 1949, 59 p., 2 fig., 3 tables.

*IC 3 Ground Water in Florida, by H.H. Cooper, Jr. and V.T. Stringfield, 1950, 6 p., 5 fig.

*IC 4 The Artesian Water of the Ruskin Area of Hillsborough County, Florida - Interim Report, by H.M. Peek, 1953, 22 p., 7 fig.

*IC 5 Interim Report on the Ground-Water Resources of Seminole County, Florida, by R.C. Heath and J.T. Barraclough, 1954, 43 leaves, 11 fig., 2 tables.

*IC 6 Interim Report on the Ground-Water Resources of Manatee County, Florida, by H.M. Peek and R.B. Anders, 1955, 38 p., 10 fig.

*IC 7 Interim Report on Surface-Water Resources and Quality of Waters in Lee County, Florida, by W.E. Kenner and E. Brown, 1956, 69 p., 9 fig., 3 tables.

*IC 8 Interim Report on Ground-Water Resources of the North-eastern Part of Volusia County, Florida, by G.G. Wyrick and W.P. Leutze, 1956, 68 p., 14 fig., 4 tables.

*IC 9 Interim Report on Salt-Water Encroachment in Dade County, Florida, by H. Klein, 1957, 5 p., 12 fig.

*IC 10 Interim Report on the Progress of an Inventory of Artesian Wells in Florida, by C.W. Hendry, Jr. and J.A. Lavendar, 1957, 178 p., 27 fig., 3 tables.

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*IC 11 Interim Report on the Water Resources of Brevard County, Florida, by D.W. Brown, W.E. Kenner, and E. Brown, 1957, 109 p., 30 fig., 15 tables.

*IC 12 Ground-Water Resources of the Stuart Area, Martin County, Florida, by W.F. Lichtler, 1957, 47 p., 9 fig., 4 tables.

*IC 13 Interim Report on the Ground-Water Resources of Flagler County, Florida, by B.J. Bermes, 1958, 32 p., 11 fig., 1 table.

*IC 14 Interim Report of the Ground-Water Resources of St. Johns County, Florida, by G.R. Tarver, 1958, 35 p., 13 fig., 1 table.

*IC 15 Interim Report on the Ground-Water Resources of Putnam County, Florida, by G.W. Leve, 1958, 32 p., 11 fig., 1 table.

*IC 16 Interim Report on the Changes in the Chloride Content of Ground-Water in Pinellas County, Florida, Between 1947 and 1956, by D.W. Brown, 1958, 11 p., 4 fig., 1 table.

*IC 17 Interim Report on the Flood of June 9, 1957, at Perry, Florida, by R.H. Musgrove, 1958, 12 p., 8 fig.

*IC 18 Interim Report on Geology and Ground-Water Resources of Indian River County, Florida, by B.J. Bermes, 1958, 74 p., 12 fig., 4 tables.

*IC 19 Interim Report on Records of Wells in Manatee County, Florida, by H.M. Peek, 1958, 199 p., 3 fig., 1 table.

*IC 20 Interim Report on Surface-Water Resources, Baker County, Florida, by R.W. Pride, 1958, 32 p., 7 fig., 2 tables.

*IC 21 Final Report on an Inventory of Flowing Artesian Wells in Florida, by C.W. Hendry, Jr. and J.A. Lavendar, 1959, 30 p., 9 fig., 3 tables.

*IC 22 Record of Wells in Ruskin Area, Hillsborough County, Florida, by H.M. Peek, 1959, 85 p., 2 fig., 2 tables.

*IC 23 The Geology and Ground-Water Resources of Northwestern Polk County, Florida, by H.G. Stewart, Jr., 1959, 83 p., 19 fig., 9 tables.

*IC 24 Record of Wells in Volusia County, Florida, by G.G. Wyrick, 1961, 96 p., 2 fig., 1 pl., 1 table.

*IC 25 Surface-Water Resources of Polk County, Florida, by R.C. Heath, 1961, 123 p., 50 fig., 9 tables.

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*IC 26 Interim Report on the Hydrologic Features of the Green Swamp Area in Central Florida, by R.W. Pride, F.W. Meyer, and R.N. Cherry, 1961, 96 p., 22 fig., 3 tables.

*IC 27 Preliminary Investigation of the Ground-Water Resources of Northeast Florida, by G.W. Leve, 1961, 28 p., 11 fig., 2 tables.

*IC 28 Reconnaissance of the Ground-Water Resources of the Fernandina Area, Nassau County, Florida, by G.W. Leve, 1961, 24 p., 7 fig., 2 tables.

*IC 29 Ground-Water Resources of Northwest Collier County, Florida, by C.B. Sherwood and H. Klein, 1961, 44 p., 17 fig., 2 tables.

*IC 30 Interim Report on the Water Resources of Escambia and Santa Rosa Counties, Florida, by R.H. Musgrove, J.T. Barraclough, and O.T. Marsh, 1961, 89 p., 30 fig., 1 table.

*IC 31 Stage Characteristics of Florida Lakes, by W.E. Kenner, 1961, 82 p., 62 fig.

*IC 32 Water-Resource Records of Brevard County, Florida, by D.W. Brown, W.E. Kenner, J.W. Crooks, and J.B. Foster, 1962, 180 p., 7 fig., 16 tables.

*IC 33 Water Levels in Artesian and Nonartesian Aquifers of Florida in 1960, by H.G. Healy, 1962, 19 p., 3 fig., 3 tables.

*IC 34 Ground-Water Records of Seminole County, Florida, by J.T. Barraclough, 1962, 148 p., 3 fig., 3 tables.

*IC 35 Well Design as a Factor Contributing to Loss of Water from the Floridan Aquifer - Eastern Clay County, Florida, by J.B. Foster, 1962, 10 p., 4 fig.

*IC 36 Interim Report on the Water Resources of Alachua, Bradford, Clay and Union Counties, Florida, by W.E. Clark, R.H. Musgrove, C.G. Menke, and J.W. Cagle, Jr., 1962, 92 p., 46 fig., 6 tables.

*IC 37 Ground-Water Records of Flagler, Putnam, and St. Johns Counties, Florida, by B.J. Bermes, G.W. Leve, and G.R. Tarver, 1963, 89 p., 5 fig., 3 tables.

*IC 38 Records of Wells and Water Resources Data in Polk County, Florida, by H.G. Stewart, Jr., 1963, 144 p., 4 fig., 9 tables.

*IC 39 Surface-Water Resources of St. Johns, Flagler, and Putnam Counties, by W.E. Kenner and J.W. Crooks, 1963, 44 p., 10 fig., 16 tables.

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*IC 41 Interim Report on the Water Resources of Orange County, Florida, by W.F. Lichtler, W. Anderson and B.F. Joyner, 1964, 50 p., 13 fig., 6 tables.

*IC 42 Summary of Florida Petroleum Production and Exploration in 1962, by C. Babcock, 1964, 29 p., 4 fig., 5 tables.

*IC 43 Water-Resources Data for Alachua, Bradford, Clay, and Union Counties, Florida, by W.E. Clark, R.H. Musgrove, C.G. Menke, and J.W. Cagle, Jr., 1964, 154 p., 4 fig., 8 tables.

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*IC 55 Oil and Gas Activities in Florida, 1966, by C. Babcock, 1968, 35 p., 3 fig., 2 tables.

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*IC 86 Hydrogeologic Characteristics of the Surficial Aquifer in Northwest Hillsborough County, Florida, by W.C. Sinclair, 1974, 98 p., 1 fig., 4 tables.

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IC 89 The Mineral Industry of Florida, 1973, by W.F. Stowasser and C.W. Hendry, Jr., 1976, 13 p., 9 tables. ($1.00).

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L 1 Your Water Resources, prepared by Florida Geological Survey, 1963, 35 p., 22 fig. ($1.00).

L 2 Water for Thirsty Industry - It's Your Problem, prepared by Florida Geological Survey, 9 p., 7 fig. ($1.00).

*L 3 The Pensacola Area's Water, prepared by Florida Geological Survey, 1965, 13 p., 16 fig. ($1.00).

*L 4 Chronological Bibliography of Principal Published Ground Water Reports in Florida, prepared by the U.S. Geological Survey in cooperation with the Florida Geological Survey, 1908-1963, by L.W. Hyde, 1964, 18 p., 5 fig.

*L 5 Water Control Versus Sea-Water Intrusion in Broward County, Florida, by C.B. Sherwood and R.G. Grantham, 1965, 13 p., 9 fig. ($1.00).

*L 6 Jacksonville's Water, by G.W. Leve, 1965, 12 p., 3 fig., 2 tables. ($1.00).

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*MS 3 Geologic Map. Prepared by the Florida Geological Survey in cooperation with the U.S. Geological Survey. Map shows the surface occurrence of geologic formations in Florida. After Cooke, 1945, with revisions by Vernon and Puri, 1959. Size 10 x 14 inches. Scale: approximately 48 miles to 1 inch.

MS 4 Piezometric Map with the Area of Artesian Flow of the Floridan Aquifer in Florida, July 6-17, 1961; Revised 1975. Compiled by H.G. Healy. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

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MS 10 Quality of Water from the Floridan Aquifer in the Econfina Creek Basin Area, Florida, 1962. Compiled by L.G. Toler and W.J. Shampine, U.S. Geological Survey in cooperation with the Florida Geological Survey. Size: 19 x 25 inches. Scale: approximately 3 miles to 1 inch. ($1.00).

*MS 11 Fluoride Content of Water from the Floridan Aquifer of Northwest Florida, 1963. Compiled by L.G. Toler. Prepared by the U.S. Geological Survey in cooperation with the Florida Geological Survey. Size: 19 x 25 inches. Scale: 15 miles to 1 inch. ($1.00).

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MS 24 Availability and Quality of Surface Water in Orange County, Florida, 1966. Compiled by W. Anderson and B.F. Joyner. Prepared by the U.S. Geological Survey in cooperation with the Board of County Commissioners of Orange County, Florida. Size: 22-3/4 x 34-1/2 inches. Scale: approximately 3 miles to 1 inch. ($1.00).

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MS 26 Ground Water Features in Escambia and Santa Rosa Counties, Florida, 1967. Compiled by J.T. Barraclough. Prepared by the U.S. Geological Survey in cooperation with the Division of Geology, Florida Board of Conservation, Escambia County, Santa Rosa County, and the City of Pensacola. Size: 24 x 38 inches. Scale: approximately 10 miles to 1 inch. ($1.00).

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MS 27 Chemical Character of Water in the Floridan Aquifer in Southern Peace River Basin, Florida, 1967. Compiled by M.I. Kaufman and N.P. Dion. Prepared by the U.S. Geological Survey in cooperation with the Division of Geology, Florida Board of Conservation and the Southwest Florida Water Management District. Size: 26 x 31 inches. Scale: approximately 10 miles to 1 inch. ($1.00).

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MS 34 Average Flow of Major Streams in Florida, 1969. Compiled by W.E. Kenner, E.R. Hampton, and C.S. Conover. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

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MS 36 Estimated Water Use in Florida, 1965; 1970, Second Edition, 1975. Compiled by R.W. Pride. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

MS 37 The pH of Water in Florida Streams and Canals, 1970. Compiled by M.I. Kaufman. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: 30 miles to 1 inch. ($1.00).

MS 38 Hydrologic Setting of Deer Point Lake near Panama City, Florida, 1970. Compiled by G.H. Hughes. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 34 x 23 inches. Scale: approximately 3/8 mile to 1 inch. ($1.00).

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*MS 40 Annual and Seasonal Rainfall in Florida; 1971. Compiled by G.H. Hughes, E.R. Hampton, and D.F. Tucker. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 18 x 22 inches. Scale: approximately 100 miles to 1 inch. ($1.00).

*MS 41 Bouguer Anomaly Map of South Florida; 1971. Compiled by W.R. Oglesby and M.M. Ball. Prepared by the Bureau of Geology, Florida Department of Natural Resources in cooperation with the Rosenstiel School of Marine and Atmospheric Science, University of Miami. Size: 23 x 26 inches. Scale: approximately 8 miles to 1 inch.

MS 42 Depth to Base of Potable Water in the Floridan Aquifer, 1971. Compiled by H. Klein. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

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MS 43 Temperature of Florida Streams; 1971; Revised 1975. Compiled by W. Anderson. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

MS 44 Ground Water in Lake County, Florida, 1971. Compiled by D.D. Knochenmus. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources, Board of County Commissioners of Lake County and the Oklawaha Basin Recreation and Water Conservation and Control Authority. Size: 35-3/4 x 22-3/4 inches, 5 fig. ($1.00).

MS 45 Streamflow Variation and Distribution in the Big Cypress Watershed During Wet and Dry Periods, 1972. Compiled by H.J. Freiberger. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 28 x 23 inches. Scale: approximately 7.5 miles to 1 inch. ($1.00).

MS 46 Guide to Users of Ground Water in Bay County, Florida, 1972. Compiled by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 34.5 x 23 inches. Scale: approximately 7 miles to 1 inch. ($1.00).

*MS 47 Sea-Water Intrusion in the Upper Part of the Floridan Aquifer in Coastal Pasco County, Florida, 1969, compiled by R.C. Reichenbaugh, 1972. Prepared by the U.S. Geological Survey in Cooperation with the Florida Bureau of Geology, Southwest Florida Water Management District, and Pasco County Commissioners. Size: 36 X 22.5 inches. Scale: approximately 2 miles to 1 inch.

MS 48 A Hydrologic Description of Lake Thonotosassa near Tampa, Florida, 1972. Compiled by R.C. Reichenbaugh and J.D. Hunn. Prepared by the U.S. Geological Survey in cooperation with the Florida Bureau of Geology and Southwest Florida Water Management District. Size: 36 x 22.5 inches. Scale: approximately 625 feet to 1 inch. ($1.00).

MS 49 A Hydrologic Description of Lake Magdalene near Tampa, Florida, 1971. Compiled by J.D. Hunn and R.C. Reichenbaugh. Prepared by the U.S. Geological Survey in cooperation with the Florida Department of Natural Resources, Division of Interior Resources, Bureau of Geology and the Southwest Florida Water Management District. Size: 36 x 22 inches. Scale: approximately 500 feet to 1 inch. ($1.00).

MS 50 Land Use in the Big Cypress Area, Southern Florida, 1972. Compiled by J.T. Armbruster. Prepared by the U.S. Geological Survey in cooperation with the Florida Department of Natural Resources, Division of Interior Resources, Bureau of Geology. Size: 28 x 22.5 inches. Scale: approximately 4 miles to 1 inch. ($1.00).

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MS 51 The Chemical Type of Water in Florida Streams, 1972, Revised 1975. Compiled by M.I. Kaufman. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 28 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

MS 52 Bouguer Anomaly Map of Northwest Florida and Adjacent Shelf. Compiled by S. Chaki and W.R. Oglesby. Size: 23 x 32 inches. ($1.00).

MS 53 The Shallow Aquifer of Southwest Florida; 1972. Compiled by H. Klein. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources and Collier County. Size: 23 x 28 inches. Scale: approximately 7.5 miles to 1 inch. ($1.00).

MS 54 A Hydrologic Description of Lake Minnehaha at Clermont, Florida; 1972. Compiled by P.W. Bush. Prepared by the U.S. Geological Survey in cooperation with Southwest Florida Water Management District and the Florida Department of Natural Resources, Division of Interior Resources, Bureau of Geology. Size: 23 x 36 inches. Scale: approximately 1200 feet to 1 inch. ($1.00).

MS 55 Quantity and Quality of Surface Water in Marion County, Florida, 1973. Compiled by W. Anderson and G.L. Faulkner. Prepared by the U.S. Geological Survey in cooperation with the Southwest Florida Water Management District and the Board of County Commissioners of Marion County, Florida. Size: 24 x 36 inches. Scale: approximately 4 miles to 1 inch. ($1.00).

MS 56 Top of the Floridan Artesian Aquifer, 1973. Compiled by R.O. Vernon. Prepared by the Bureau of Geology, Division of Interior Resources, Florida Department of Natural Resources in cooperation with U.S. Geological Survey. Size: 21.5 x 18.5 inches. Scale: approximately 50 miles to 1.5 inches. ($1.00).

MS 57 Bouguer Anomaly Map of the Florida Peninsula and Adjoining Continental Shelves, 1973. Compiled by W.R. Oglesby, M.M. Ball, and S.J. Chaki. Prepared by the Florida Department of Natural Resources, Bureau of Geology. Size: 24 x 36 inches. Scale: approximately 16 miles to 1 inch. ($1.00).

MS 58 Specific Conductance of Water in Florida Streams and Canals, 1973, Revised 1975. Compiled by L.J. Slack and M.I. Kaufman. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

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MS 59 Encroaching Salt Water in Northeast Palm Beach County, Florida, 1973. Compiled by H.G. Rodis. Prepared by the U.S. Geological Survey in cooperation with Palm Beach County Board of Commissioners, Central and Southern Florida Flood Control District, and the Florida Department of Natural Resources, Division of Interior Resources, Bureau of Geology and Division of Recreation and Parks. Size: 24 x 35 inches. Not to scale. ($1.00).

MS 60 Hydrology of Lake Tarpon Near Tarpon Springs, Florida, 1974. Compiled by J.D. Hunn. Prepared by U.S. Geological Survey in cooperation with the Southwest Florida Water Management District and the Bureau of Geology, Florida Department of Natural Resources. Size: 24 x 37 inches. Scale: approximately 1400 feet to 1 inch. ($1.00).

MS 61 The Anclote and Pithlachascotee Rivers as Water Supply Sources, 1973. Compiled by R.W. Coble. Prepared by U.S. Geological Survey in cooperation with Southwest Florida Water Management District, and Bureau of Geology, Florida Department of Natural Resources. Size: 24 x 37 inches. Scales: approximately 4 miles to 1 inch and 2.5 miles to 1 inch. ($1.00).

*MS 62 Water-Level Fluctuations of Lakes in Florida, 1974. Compiled by G.H. Hughes. Prepared by U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

*MS 63 An Index to Springs of Florida, 1974, Revised 1975. Compiled by J.C. Rosenau and G.L. Faulkner. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch.

*MS 64 Low Streamflow in Florida - Magnitude and Frequency, 1974. Compiled by R.B. Stone. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch.

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MS 67 Ground-Water Withdrawals in the Upper Peace and Upper Alafia River Basins, Florida, 1974. Compiled by A.F. Robertson and L.R. Mills. Prepared by the U.S. Geological Survey in cooperation with the Southwest Florida Water Management District and the Bureau of Geology, Florida Department of Natural Resources. Size: 25 x 29.5 inches. Scale: approximately 7 miles to 1 inch. ($1.00).

MS 68 Recharge Areas of the Floridan Aquifer in Seminole County and Vicinity, Florida, 1975. Compiled by C.H. Tibbals. Prepared by U.S. Geological Survey in cooperation with the Florida Department of Natural Resources and Seminole County Commissioners. Size: 24 x 29 inches. Scale: approximately 1 mile to 1 inch. ($1.00).

MS 69 Hydrology of the Oklawaha Lakes Area of Florida, 1974. Compiled by P.W. Bush. Prepared by the U.S. Geological Survey in cooperation with the Southwest Florida Water Management District, and the Bureau of Geology, Florida Department of Natural Resources. Size: 24 x 37 inches. Scale: approximately 4 miles to 1 inch. ($1.00).

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*MS 72 River Basin and Hydrologic Unit Map of Florida, 1975. Compiled by C.S. Conover and S.D. Leach. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch.

*MS 73 Potentiometric Surface and Areas of Artesian Flow of the Floridan Aquifer of Florida, May 1974; 1975. Compiled by H.G. Healy. Prepared by the U.S. Geological Survey in cooperation with the Bureau of Geology, Florida Department of Natural Resources. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch.

MS 74 Thickness of the Potable Water Zone in the Floridan Aquifer, 1976. Compiled by L.V. Causey and G.W. Leve. Prepared by the U.S. Geological Survey in cooperation with the Florida Department of Environmental Regulation. Size: 17.5 x 22 inches. Scale: approximately 30 miles to 1 inch. ($1.00).

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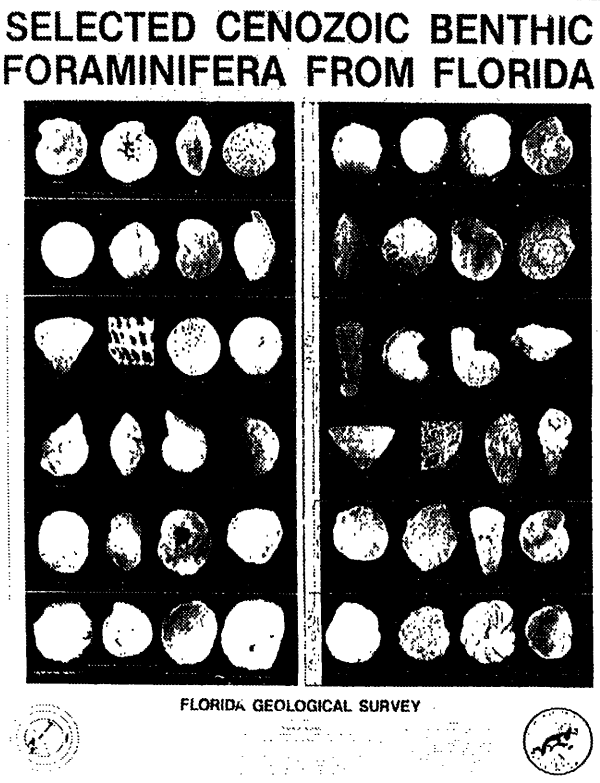

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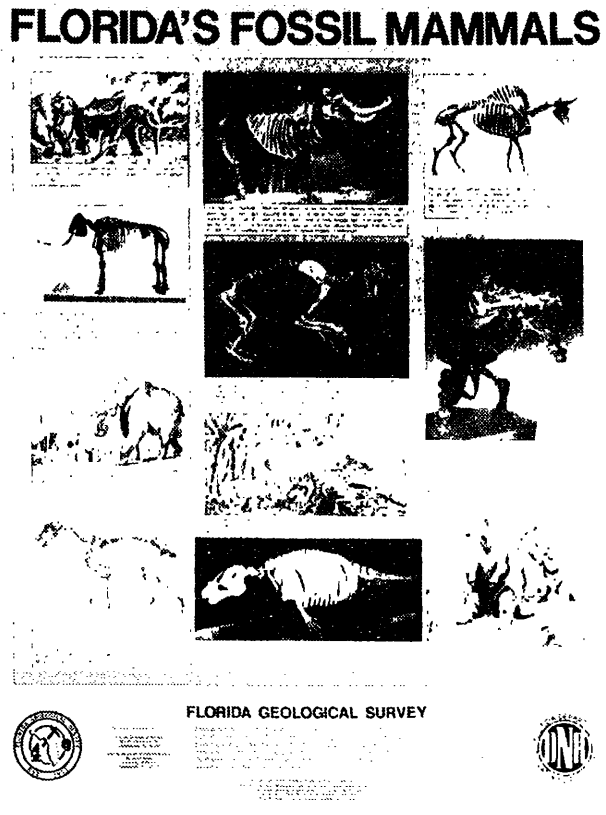

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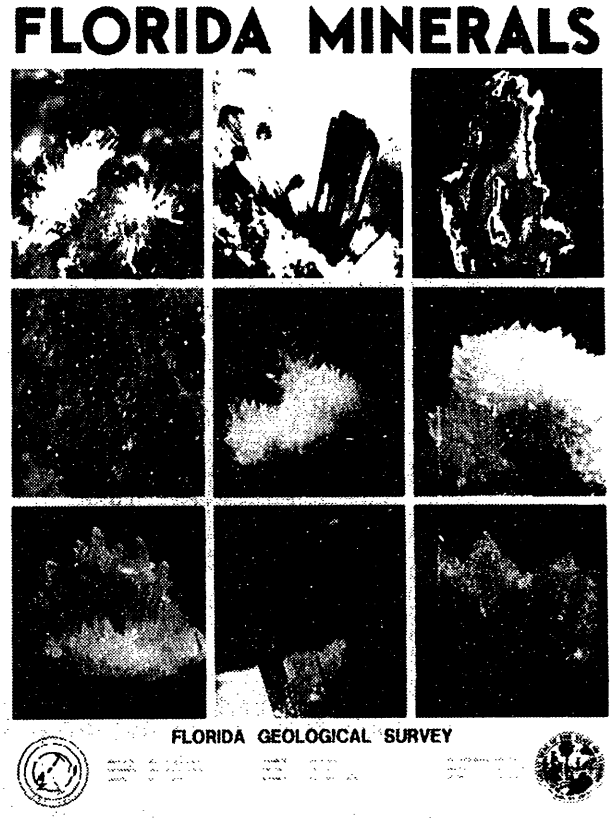

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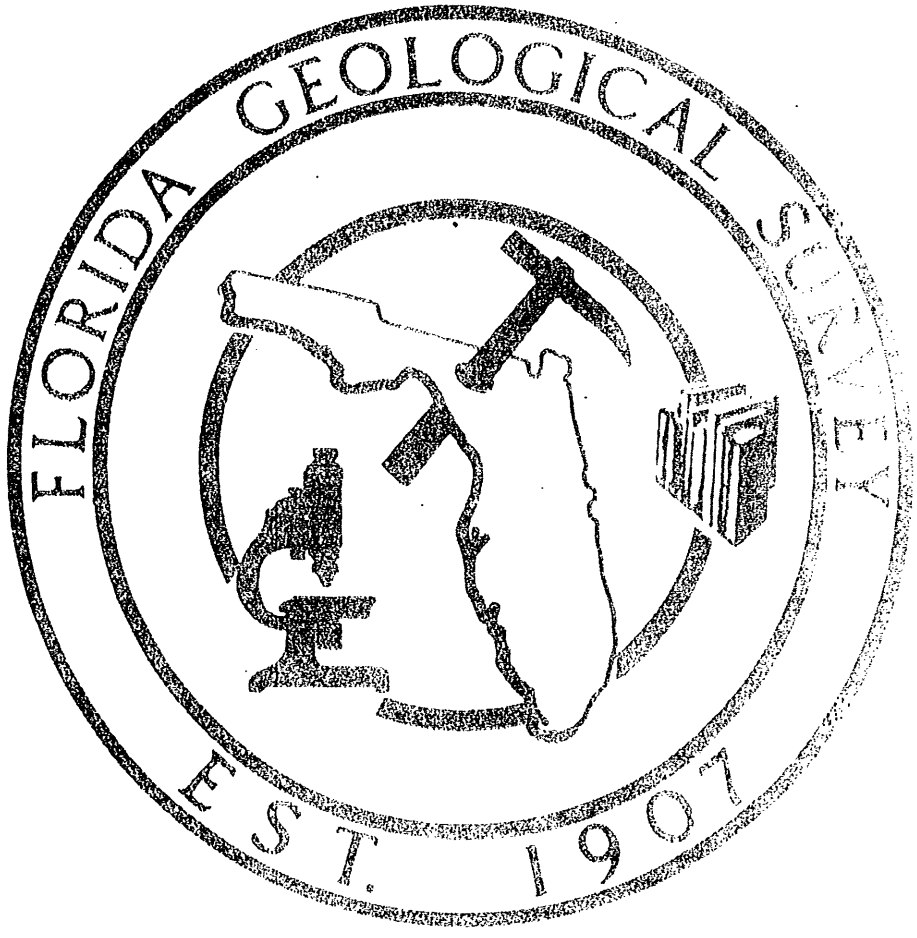
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