NORTH CAROLINA GEOLOGICAL SURVEY; BIENNIAL REPORT OF THE STATE GEOLOGIST, 1905-1906

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Trieste

NORTH CAROLINA GEOLOGICAL SURVEY

JOSEPH HYDE PRATT, STATE GEOLOGIST.

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BIENNIAL REPORT

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STATE GEOLOGIST

1905-1906



RALEIGH E. M. Uzzell & Co., STATE PRINTERS AND BUILDERS 1907

GEOLOGICAL BOARD.

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HENBY E. FRIES	Winston-Salem.
FBANR R. HEWITT	Asheville,
TUGH MACRAE	Wilmington.
TRANK WOOD	Edenton.

CONTENTS.

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	GB.
Introduction	7
Mineral and Geological Investigations	8
Mineral Investigations	8
Gold	9
Copper	10
Tin	11
Miga	11
Monazite	11
Geological Investigations	13
Coastal Plain Geology	13
Mountain Region Geology	16
Black Sands Investigations	17
Concentrating Plant	18
Examination of Mineral Specimens	19
Topographic and Traverse Mapping of the State	19
Traverse Maps	21
Good Roads	21
Hydrography	30
Artesian Water Supply	30
Stream Measurements	31
Mineral Waters	32
Forestry	33
Southern Appalachian Forest Reserve	33
Resolutions Relating to Forest Reserves	37
State Swamp Lands	39
Report on Certain Swamp Lands	40
Forestry Problems Along the Banks	47
Magnetic Survey	50
Magnetic Observations on North Carolina Stations	51
Earlier Observations at North Carolina Stations	51
Fishing Industries	52
Publications	54
Coöperative Work with Federal Surveys	55
Office Work	55

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LETTER OF TRANSMITTAL.

CHAPEL HILL, N. C., January 1, 1907.

To His Excellency, Governor R. B. GLENN.

Sim:---I herewith submit the Biennial Report of the North Carolina Geological and Economic Survey for the fiscal years 1905 and 1906. It includes a brief outline of the work accomplished by the Survey, referring for more detailed information to the reports that have been published. Certain special reports, however, are given here in their entirety, as being the most practicable place to publish them. Suggestions have been made regarding further legilation in connection with the work of the Survey, and I beg to call your particular attention to these.

At the end of the report is a statement regarding the expenditures of the Survey, showing approximately the cost of each investigation taken up.

Yours obediently,

JOSEPH HYDE PRATT, State Geologist.

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BIENNIAL REPORT

OF THE

STATE GEOLOGIST

ON THE OPERATIONS OF THE NORTH CAROLINA GEOLOGICAL AND ECONOMIC SURVEY FOR THE TWO YEARS ENDING NOVEMBER 30, 1906.

BY JOSEPH HYDE PRATT, STATE GEOLOGIST.

INTRODUCTION.

The North Carolina Geological and Economic Survey was authorized by an act of the General Assembly of 1905, as recorded in Chapter 542 of the Public Laws of North Carolina, 1905. On account of the enormous amount of work that this Department is called upon to do, and the very varied investigations that it has made and is still carrying on, it is impossible to give in this report more than a brief outline of the work accomplished and refer to the published reports which give in detail the results of all these investigations.

The objects of this Survey, as stated in the act creating it, are to include:

1. "An examination of the mineral, forest, fish and other material resources of the State.

2. "Examination of the geological formations of the State, with reference to their economic products.

3. "An examination of the road-building materials and the best method of utilizing same.

4. "An examination and classification of the soils, the forests and other physical features of the State, with special reference to their bearing upon the occupation of the people.

5. "An examination of the streams and water-powers of the State, with special reference to the development for manufacturing enterprises and the preservation of the sources of these streams through the protection of the forests.

6. "The consideration of such other scientific and economic problems as in the judgment of the Geological Board shall be deemed of value to the people of the State.

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