

to be prosecuted with such means alone as he could otherwise command."

The Geologist, on the other hand, was enabled to begin his investigations at once upon his appointment. He proceeded as soon as the season would permit to the eastern shore of Maryland, where he made a survey of Talbot, Caroline and Queen Anne's counties, and later in the season crossed to southern Maryland, where he surveyed the shore of the Potomac in Prince George's and Charles counties. Much attention was devoted to the marl deposits of the area visited.

"An act to provide for the completion of the new map and geological survey of this state" having been passed by the General Assembly in March, 1835, the investigations of the survey were continued uninterruptedly. The State Geologist revisited the eastern shore and made geological examinations of Dorchester, Somerset and Worcester counties, and later of St. Mary's county, a full account of which is given in the report for the year. This report also contains the first announcement of the existence of greensand marl or "Jersey marl" (Cretaceous) in Kent and Cecil counties.

The Topographical Engineer was compelled during the season of 1835 to continue his surveys in connection with various plans for further internal improvements, so that his time was again interfered with in the preparation of the new map of the state. In addition to several maps which were prepared for special surveys, he, however, completed a topographical map of Dorchester, Somerset and Worcester counties on the scale of 1:211200 with 4-foot contour lines, and a similar topographic map of St. Mary's, Charles and part of Prince George's counties on the scale of 1:200000 with 10-foot contour lines. Both of these maps had geological data placed upon them and were published in the report of the State Geologist.

The State Geologist during 1836 completed the survey of Calvert county and extended his observations into Anne Arundel, Prince George's and St. Mary's counties, where he likewise announced the discovery of extensive deposits of marl. A special visit was made to Allegany county, and in his report for the year an account is given of the Frostburg basin with its coal and iron deposits.