

# REPORT OF THE GEOLOGIST.

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*To His Excellency,*

JAMES THOMAS,

*Governor of Maryland:*

The Undersigned, having been appointed Geologist to the State, has the honor of reporting to your Excellency, herewith, the result of his researches and labors for the past year.

The duties assigned to him by the Act, passed at the last General Assembly of Maryland are;—"to make a complete and minute geological survey of the state, commencing with that portion which belongs to the Tertiary order of geological formations, and with the southern division thereof, and progressing regularly with the course of the waters of the Potomac and Chesapeake through that region, and thence through the other subdivisions of the state with as much expedition and despatch as may be consistent with minuteness and accuracy. And he shall prepare and lay before the Legislature at the commencement of every session a detailed account of all remarkable discoveries made, and the progress of the work."

"It shall further be his duty at those seasons not suited to the active prosecution of the geological survey, to analyze and ascertain the qualities and properties of all specimens of mineral substances or soil, left at his office or residence, for that purpose, by any citizen of the state, and taken from any portion of the Territory of the State."

In pursuance of those duties, it was deemed advisable, in the first place, to make a public announcement of the appointment; setting forth the services which the Geologist is required to perform for his fellow-citizens, as well as the most convenient mode in which their applications to him might be made;—one of the