

SEC. 3. *And be it enacted*, That it shall be the duty of the geologist to be appointed as aforesaid, to make a complete and minute geological survey of the whole 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.

Geological survey.
Directions as to.

Report required.

SEC. 4. *And be it enacted*, That it shall further be the duty of the geologist of the state, 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 soils 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.

Duty to analyze &c.

SEC. 5. *And be it enacted*, That it shall be the duty of the topographical engineer to indicate upon the new map of the state the localities of valuable mineral deposits already known, or which may in the progress of the geological survey be discovered, and as far as conveniently may be, to indicate also, by references to marginal notes or otherwise, their several natures, qualities and values, and for this purpose the geologist of the state shall keep him regularly advised of all important discoveries which he may make, and the material facts in relation thereto; and the said engineer shall report to the legislature at the commencement of every session the progress he shall have made during the preceding year in the work assigned to him.

Geological discoveries to be noted on map.

Report of engineer.

SEC. 6. *And be it enacted*, That for the purpose of facilitating and expediting the completion of the said map and geological survey of the state, the governor and council, be and they are hereby authorized to allow and pay the accounts of said officers, for necessary contingent expenses, other than personal; so far as they may deem said accounts just, equitable and proper, to an amount not exceeding one thousand dollars in any one year.

Contingent allowance.

Limit, \$1000.

SEC. 7. *And be it enacted*, That the officers to be appointed under and by virtue of this act, shall be subject to the orders of the executive of the state, to make any surveys for canals, rail roads, or other works of internal improvement which the legislature may at any time direct to be made; *Provided nevertheless*, that this act shall expire at the termination of the next session of the general assembly, unless the same shall be re-enacted by the next legislature of this state.

Those officers subject to other directions.

Re-enaction required.