

Eastern Shore. That known as Lloyd's spring in Talbot county, about six miles from Easton, had, at one time, considerable celebrity. Its waters have been analysed, and were found to contain only small proportions of oxide of iron and muriate of soda: they cannot, therefore, be thought to possess any great medicinal virtues. The water, however, is wholesome, and as it issues from a shaded dell, and flows through a thick grove of trees, the spot would, if improved, afford a delightful resting place after an afternoon's ride. On the estate of Robert H. Goldsborough, Esq. at Myrtle Grove, on Miles' river, there is a similar spring, which emits a slight odor of sulphuretted hydrogen. In Queen Ann's county, at the residence of Mr. Lewis Pascault, there is another, but more charged with ferruginous particles than either of the preceding. The localities of these springs, are indicated upon the Map; none of them can be supposed to have such decided medicinal properties, as that mentioned in a preceding report to occur at the Barren spring, in Somerset county; the last being a strong chalybeate.

II.

Geological examination of the shores of the Potomac in Prince George's and Charles counties, Maryland.

In carrying on the examinations for the Western Shore of Maryland, it was found necessary likewise to deviate from the directions laid down in the act of the last General Assembly, namely, "to commence with the southern division of the state, and to progress regularly with the course of the waters of the Potomac, &c." As the main object embraced in the duties of the Geologist, so far as this division of the state is especially concerned, is to discover and bring to light its *agricultural* resources, it was deemed advisable, more effectually to do this, to proceed in the first place to ascertain the probable continuation of the marl deposite south of those places on the Potomac where it had been previously observed, and to trace its extent from the more to the less accessible spots on which it would be found to occur. The success that has accompanied this mode of proceeding has exceeded the most sanguine expectations, and justifies the belief that it has been the correct one. The result of this examination will be stated under its appropriate head.

The accompanying Map B. is intended to convey an idea of the topography and geology of those portions of Prince George's