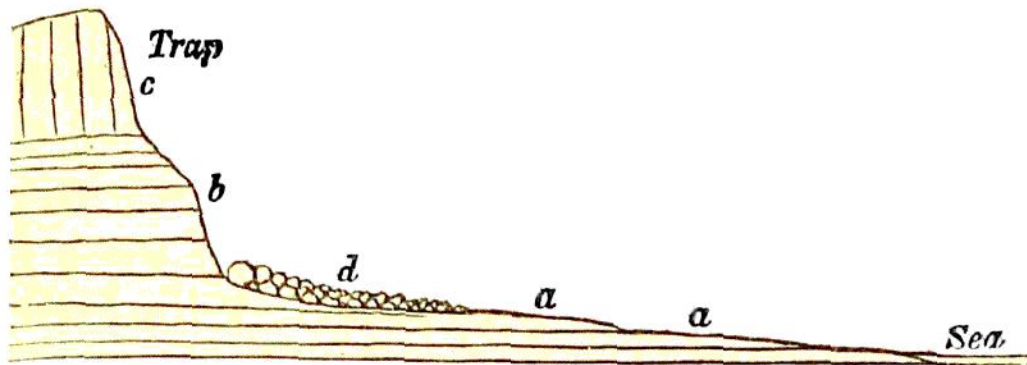


Fig. 16.

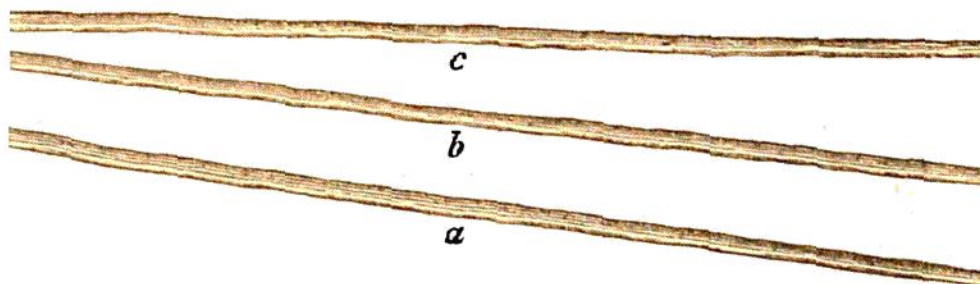


*Section of the Cliff and Beach at Cape Blomidon.*

- a, a. Ledges of soft sandstone exposed at low water.
- b. Red marls with light greenish streaks, and layers of fibrous gypsum.
- c. Capping of trap.
- d. Talus of blocks and pebbles of trap, amygdaloid, greenstone, &c.

mining of the perpendicular cliff forming this promontory, round which the powerful currents caused by the tide sweep backwards and forwards with prodigious velocity, must satisfy every geologist that the denudation by which the ledge in question has been exposed to view is of modern date. Whether the rocks forming the cliff extended so far as the points a, 10, 50, or 100 years ago, I have no means of estimating; but the exact date and rate of destruction

Fig. 17



*Recent furrows on ledge of sandstone at Cape Blomidon.*

are immaterial. On this recently formed ledge, I saw several straight furrows half an inch broad, some of them very nearly parallel, as a, b, fig. 17, others diverging, as c, the direction of a, b, being N. 35° E.