



FIG. 3.—Eureka section. This extends over the Cambrian strata of the Eureka district and up to the base of the Trenton limestone horizon of the Lower Silurian (Ordovician).

The numbers on the upper line correspond to the numbers on the divisions given in the descriptive section: 1 and PQ, Prospect Mountain quartzite; 2 and PL, Prospect limestone; 3 and SC, Secret Cañon shale; 4 and H, Hamburg limestone; HS, Hamburg shale; P, Pogonip limestone; E, Eureka quartzite; HA, hornblende-andesite; LC, Lower Carboniferous; DP, Devonian.

The dike represented in the Secret Cañon shale is not continuous, and on the line upon which the fossils were collected it was not observed, the section being unbroken from 1 to the great dike beyond the Eureka quartzite.

The section is copied from the unpublished map of sections, by Mr. Arnold Hague, illustrating the Geology of the Eureka district. Scale, 1,800 feet to the inch.