depth of six or eight feet. Below the limit of the ~~for~~ bits the forest was open and the ground covered with an abundant growth of excellent grass, forming a good stock range during the summer season. It is believed that wheat would flourish here, but the general want of water except on the streams, and the coldness of the climate, will probably prevent its occupation except for grazing. Below this branch of the Klikatat river a further change occurred in the rock, the range of hills lying to the east of it consisting of the same grey trap noticed in the ascent from the Cathlapootle, and it would seem bounding the efflux from the mountains in this direction. From the cursory observations of this journey it is inferred that the more recent lava from these sources is confined within a particular basin, separated by well defined boundaries from the basalt of the plains, from which it differs considerably in apparent structure and probably in composition also. Should a thorough geological exploration of this region be hereafter undertaken, it will prove a matter of interest to trace up the streams and fix the true relations of the existing volcanic peaks to these formations.

Between the branches of the Klikatat lie the ~~Table~~ Tahk prairie, the waters of which communicate

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