seem that the whole of the inner basins of the Yakama have been eroded by its ~~numerous~~ various branches and the materials gradually swept down to the Columbia The higher ranges of hills present long and somewhat uneven summits deeply furrowed by ravines. The lower exhibit the characteristic features of basaltic tables but slightly indented. It is remarkable that in so great an extent of mountain country and where drift forms so large an element there should be no appearance whatever of glacial action The surface of basalt is unfavorable to the ~~preservation~~ exhibition of diluvial ~~scratches~~ it is true, and the effects of ordinary frosts in separating its joints cannot readily be distinguished from the crushing caused by large masses of ice. But there are no ~~moraines~~ moraines sufficiently well defined to be recognized and no transported boulders of any magnitude. It whole seems to be the result of a more gradual action and of nearer origin -

In the upper part of the Wenas valley there are indeed a range of low hills in the midst which at first sight were supposed to be moraines but it was afterwards concluded were more properly referable to erosion. Low terraces of deposited sand and gravel occasionally line these valleys and upon the lower Yakama are traceable continuously for some twenty miles, the height above the present bed of the streams

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