

Mud breccias

Passes between the Central Range & the West Range

from the Holyford to the Archure

From a geological point of view there are two main interesting series of passes. They are being parallel with the sea & some miles inland. The main South road has followed them. In this district the series of Saddle is the basis of demarcation between the G. series & the Schist & the Marble Slates, limestone & sandstone that runs all along the coast. And the water courses which follow the coast all the way (ie the G. series & schist, olivine & breccias) crossing one or two saddles after the saddle is covered with drift. If they do not show except for the saddle they are so far away & covered on the sea side.

I have not been in that part but I believe this line of coast & runs of the Holyford & crosses the range at the saddle. From the junction of the Pyke & the Holyford to the foot of the Jerry saddle the country is flat - passing then the Alabaster & Wilmet & the Pyke flat at the head of Big Bay. This flat lies on the sea side the bare hills & other peaks rising to 2000 ft.

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The Jerry saddle

Between a branch of the Pyke river & the Jerry branch of the Gorge Pass about 1500 ft. Main S. Road is surveyed west of crossing the Jerry to this bend. Just below the junction of Saddle Creek & the coast 2-3 stream saddles with the drainage of coast.

This depression is so covered with drift that it is impossible to tell how far down the solid valley is. But we do not see it in the break.

Gorge saddle

A wide depression in the North Range 1500 ft above the sea & some 700 above the sea level. Covered on top & sides with masses of drift. None the Red Hill country. No trace of olivine rock in the Gorge watershed but that watershed including the Fork R & Callerys Creek is filled up with Narramin drift for hundreds of feet. Composed mostly of olivine & some of the material in the Gorge raised as 200 & 300 ft is covered. Prob. the Cascade glacier filled it valley & flowed over the Gorge saddle.

I suppose this is near the Jerry H.E.N.

f 42 Sketched Gorge Saddle for Mr. Richards.

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