	Gradients,				
	Miles.	Por Mile	One m	Rise.	Altitude
From the Inlet to Shtooiht, at the turn of the valley	35			86 Y	Feet 500
Thence to Cokelin, "by a narrow gorge, hemmed in by steep and continuous		Feet		Feet	
cliffs."	14	43 6	121.1	610	1110
Frem Cokelin to the Great Slide	5	356	14.8	1780	2890
From the Great Slide to the Precipice . Or supposing it possible to equalize these grades [a thing next to im-	11	86.3	61.2	950	3840
practicable] we should have .	30	111.3	47.4	3340].

"After which the trail continues to rise gradually, the soil "becoming shallow and meagre, the vegetation thinner and "inferior, for 60 miles more, till it crosses the summit ridge "at an atitude of 4,360 feet" [Lieut. Palmer's report.] And it then only enters on good soil some 20 miles before crossing the Bute Inlet Trail at Benchee Lake ; whereas along the latter line the bunch grass peculiar to the country flourishes over thousands of acres.

Finally, the distance from Bute Inlet to the mouth of Quesnelle river is fully 25 miles less than that by the Bentink Arm Trail, and not much more than half of that from New Westminster [222 against 393]; besides having no portages or mountains. Thus presenting an open communication during the whole winter, which exists on neither of the other routes; and a diminution of nearly one-half in the time and cost of conveyance, as compared with that by the Fraser. Lieut. Palmer in his report admits "the geographical advantages of the Bute Inlet Route over the others"; indeed they were so evident, that a company which had been formed for opening the Bentinek Arm Trail, abandoned the project, when they learned that the Bute Inlet Route was going to be carried through.

Another item in favor of the Bate Inlet Route is its great Strategical Security in case of any difficulties with our American neighbors. The Fraser river, from Fort Hope downwards, runs for 80 miles parallel to the boundary line, and at a distance varying from 6 to 12 miles from that frontier; whilst the only road from New Westmiuster to Hope and the interior has been constructed between them. So that a detachment of a few hundred men could at almost any point intercept all communication, and literally starve out the whole colony. The Bute Inlet Route, on the contrary, would be perfectly safe and its approaches impregnable.

A proof of the feeling here with regard to the Bute Inlet Route is, that a petition to have it opened had 1031 signatures against 7 refusals, comprising all the members of the House of Assembly less one, the Speaker, the Mayor of Victoria, the members of the Common Council, and every merchant or person of note in the place. It was forwarded to Mr. Cardwell, then Secretary of State for the Colonies,

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