

be a maximum 5-10% grade by using a pusher engine on the 1% grade between miles 425 and 432, a distance of 7 miles, ascending the Rocky Mountains at Pine Pass.

GRADES WEST BOUND.

The maximum grades west bound for the whole line will be 5-10% by using a pusher engine on the 1% grade between miles 434 and 446, a distance of 12 miles.

COMPARISON OF DISTANCES.

Referring to Mr. Cartwright's report, pages 36 and 37:

Distance via Pacific and Hudson Bay Railway—

Dunvegan to Bella Coola.....	700 miles
Dunvegan to Vancouver via Bella Coola	1050 "
Dunvegan to Vancouver via Pacific Great Eastern Ry...	887 "

Distance via Grand Trunk Pacific Railway—

Dunvegan to Prince Rupert via branch to Yellow Head Pass, thence via main line.....	1001 miles
Dunvegan to Prince Rupert via branch to Edmonton, thence via main line.....	1313 "
Dunvegan to Vancouver via branch to Yellow Head Pass thence main line to Fort George, thence via Pacific Great Eastern Railway.....	1002 "

Distance via Canadian Pacific Railway—

Dunvegan to Vancouver via branch to Edmonton and main line	1130 miles
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Distance via Canadian Pacific Railway—

Branch to Edmonton, thence via Calgary, thence main line	1138 miles
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The above statement shows that the P. & H. B. Railway has the shortest line to tide water at Bella Coola from the Peace River country by 300 to 400