

Synopsis of Reports on Baie Verte Canal.

Robert C. Minnitte, P.L.S.—Acting under instructions from Government of New Brunswick. Survey, October, 1822, for a canal between Bay of Fundy and Baie Verte. Line traced through valley of Au-Lac, across to Missiguash Lakes, and thence to River Tidnish, for a canal of small depth, say 4 feet, to be fed by fresh water.

Francis Hall, C.E.—Acting under instructions from Sir Howard Douglas, Baronet, Lieut.-Governor of New Brunswick. Report dated October, 1825, on Minnitte's Survey. Also on line from Shediac to bend of Petitcodiac. Also on line from Shediac viâ Memramcook River to Dorchester. Also on line across the Isthmus from Au-Lac to Tidnish—which he recommends—the other lines being impracticable, for want of water supply.

He proposes that canal should commence $3\frac{1}{2}$ miles up the Au-Lac, and terminate at a point 2 miles up the Tidnish; and that it should be fed by a fresh water reservoir of 150 acres, to be formed in the valley of the Missiguash for the canal supply. Canal to have its summit six feet above the highest spring tides of the Bay of Fundy—to be 21 feet wide at bottom, 45 feet wide at top, with 6 locks $105\frac{1}{2}$ feet long \times $20\frac{1}{2}$ feet wide, and 8 feet of water on the lock sills. The whole estimated to cost £67,728 14s. 10d. sterling = \$298,006.45.

This estimate would be reduced, he says, to £45,152 10s. 4d. sterling = \$198,671.09 for a depth of $4\frac{1}{2}$ feet, instead of 8 feet.

Thomas Telford, C.E.—Report addressed to Sir Howard Douglas, Baronet, Lieutenant-Governor of New Brunswick, towards 1826, on Hall's Reports and Plans, which were referred to him. He recommends canal to be built 30 feet wide at bottom and 72 feet at water surface in deep cuttings; but 45 feet wide at bottom, and 95 feet at top surface, elsewhere; with locks of 150×40 feet, and 13 feet water on the lock sills. The summit level of