

EXHIBIT G.

TUNNELS DONE BY CO-OPERATIVE LABOUR.—NORTH ISLAND.

Railway.	Section.	Dimensions.	Tunnel.	Date.	Length.	Total Cost.	Excavation, Cost per Lineal Yard.	Lining, Cost per Lineal Yard.	Total Cost per Lineal Yard.	Fronts.	Ground.	Lining of
North Auckland	..	15 ft. x 12 ft. 6 in. ..	Tahekerora ..	1902	488	£ 10,989	£ s. d. 13 16 0	£ s. d. 8 14 0	£ s. d. 22 10 0	£ 300	Papa and sandstone	Brick.
	..	"	Ahuroa ..	1904	424.6	9,775	15 10 0	7 10 0	23 0 0	300	"	Brick and concrete.
	..	"	Hoteo ..	1907	598	11,527	15 5 0	6 11 6	21 16 6	300	"	"
	..	17 ft. x 15 ft. ..	Mainene ..	1909	356.3	10,448	19 4 0	9 7 0	28 10 0	400	"	"
Paeroa-Waihi	..	"	Ross Hill ..	1911	374.6	17,491	28 7 0	12 5 0	40 12 0	2,276	"	"
	..	15 ft. 6 in. x 12 ft. 6 in. ..	Karangahake ..	1900-5	1,194	33,300	19 5 0	8 12 8	27 19 9	300	Heavy ..	Brick and concrete.
	..	"	Kaiteratahi ..	1905	202	6,548	18 10 7	13 17 8	32 8 3	300	Papa, rotten	Concrete and blocks.
Gisborne-Karaka	..	"	Karaka ..	1907	286	8,335	15 13 7	13 9 3	29 2 10	300	"	Concrete and blocks.
North Island Main Trunk, North end	..	17 ft. x 15 ft. ..	Spiral No. 1 ..	1907	418	10,552	12 18 0	12 6 11	25 4 11	300	Papa, &c.	Concrete.
	..	"	Spiral No. 2 ..	1907	99.6	2,887	14 4 0	15 5 5	29 9 5	300	"	"
North Island Main Trunk, South end	..	15 ft. 6 in. x 12 ft. 6 in. ..	Mataroa ..	1905	666	14,602	8 10 0	13 8 0	21 18 0	660	"	"
	..	"	Powhakarora ..	About 1897	600	11,328	8 14 0	10 2 0	18 16 0	300	"	"
	..	"	Makohine ..	1894	198	4,471	7 7 0	15 8 0	22 15 0	240	"	"
	..	"	Taihape ..	"	460	10,458	8 8 0	14 7 0	22 15 0	700	"	"
	..	46 miles 16 ch. ..	"	1902	460	2,683	7 15 0	13 10 0	21 5 0	300	"	"
	..	17 ft. x 15 ft. ..	Hapuaahenua ..	1904	127	6,433	10 18 0	17 14 0	28 12 0	300	"	"

TUNNELS DONE BY CO-OPERATIVE LABOUR.—SOUTH ISLAND.

Railway.	Section.	Dimensions.	Party or Tunnel.	Date.	Length.	Total Cost.	Cost per Lineal Yard of Excavation.	Cost per Lineal Yard of Lining.	Total Cost per Lineal Yard.	Fronts (costs included in other).	Ground.	Complete Cost per Lineal Yard.
Midland ..	Broken River	15 ft. 6 in. x 12 ft. 6 in. ..	No. 1 tunnel	1900 to 1905 (about)	248	£ 11,238	£ s. d. 22 16 0	£ s. d. 20 9 0	£ s. d. 43 5 0	£ 335	Disintegrated rock, with bands	£ s. d. 44 11 0
	"	"	No. 2 tunnel	Ditto	594	20,216	15 16 0	17 0 0	32 16 0	763	Ditto ..	34 0 0
	"	"	No. 3 tunnel	"	297	13,520	19 16 0	19 0 0	38 16 0	2,000	"	45 12 0
	"	"	No. 4 tunnel	"	418	14,643	20 0 0	14 9 0	34 9 0	245	Rock ..	35 0 0
	"	"	No. 5 tunnel	"	410.5	10,607	12 18 0	12 8 0	25 6 0	230	"	26 0 0
	"	"	No. 6 tunnel	"	164.5	4,709	22 2 0	21 9 0	43 11 0	160	"	45 0 0
	"	"	No. 7 tunnel	"	401.5	15,758	20 17 0	17 14 0	38 11 0	330	"	39 6 0
	"	"	No. 8 tunnel	"	583.0	23,581	18 12 0	21 6 0	39 18 0	306	"	40 10 0
	"	"	No. 9 tunnel	"	665.5	27,515	18 18 0	22 0 0	40 18 0	264	"	41 3 0
	Cass	17 ft. x 15 ft. ..	No. 11 tunnel	1907	176	..	18 6 0	17 6 0	35 12 0	..	"	..
	"	17 ft. x 15 ft. ..	No. 12 tunnel	"	66	..	12 15 0	10 4 6	25 19 6	..	Soft schist	25 0 0
Otago Central	Hyde tunnel	15 ft. 6 in. x 12 ft. 6 in. ..	No. 1 tunnel	1890 to 1907	165	..	..	..	23 10 0	..	Schist ..	..
	Poolburn No. 1	15 ft. 6 in. x 12 ft. 6 in. ..	No. 2 tunnel	"	222	19,866	..	..	41 12 11	..	"	..
	"	"	"	"	255	..	..	..	..	..	"	..