

# ENGINEER'S REPORT—APPENDIX B.

ABSTRACT OF THE TOTAL QUANTITIES OF WORK DONE AND MATERIAL EMPLOYED IN COMPLETING THE VARIOUS SERVICES UNDER BRASSEY'S CONTRACT.

*Restoration of Permanent Way.*—Rails, New and Re-rolled, 2,900 Tons, equal to about 32 Miles.

Rails, Cut and Forged, 14½ Miles, (1,309 Tons,)

Wrought Iron Chairs, 8,000,

Chairs, Re-cast, 3,391,

New Cross-ties, 102,000,

Spike, 65 Tons,

Track Re-laid, 60 $\frac{8}{10}$  Miles,

Ballast, 82,993 Cubic Yards.

*Bridges and New Works.*—Excavation, 267,511 Cub. Yards,

Iron Girders, 123 Tons,

Masonry, 8,591 Tons, 89 Cub. Yards,

Concrete, 470 " 54 "

Spal filling in Foundations, 268,019 Cub. Yards,

Plank in Foundations, 138,196 Feet, B. M.,

Timber in do. 17,971 Lineal Feet,

Sheet Piling in Cofferdams, 151,926 Feet, B. M.,

Timber in Superstructure of Bridges and Open Culverts, Oak 13,641 Feet, B. M., Pine, 75,831 Feet, B. M.,

Round Piles, 37,667 Lineal Feet,

Protection Piles, 25,504 Feet, B. M.,

Iron Rods, Straps and Bolts in Cofferdams, &c., 15,566 lbs.,

*Road Crossings and Fencing and Clearing.*—Over Bridges, 9, Level Crossings, New, 32,

Do. Repaired, 52,

Do. Single Cattle Guards, 14,

*Fencing.*—1,814 Rods Straight Panel Fence, No. 1,

6,894 do. do. do. No. 2,

21,659 Rods Stake and Rider Fence,

Total, equal to 95 Miles Fencing, (Single,)

Cleared, 282 Acres.