

FORM 212



GOVERNMENT OF NEWFOUNDLAND AND LABRADOR
Department of Transportation and Works
Highway Design Division

SECTION 212

EXCAVATION OF MUSKEG OR BOG

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212.01 DESCRIPTION

This work shall include labour and materials to excavate muskeg or bog from within areas staked on the ground by the Engineer, together with the spreading and trimming of the excavated material.

Whether or not, and to what width bog is to be excavated will normally be determined in accordance with the spirit of the guidelines in Section 1209.

The Contractor shall ensure that all bog, together with the accompanying pug, if any, is removed from within the designated areas.

The Contractor shall dispose of, within the right of way adjacent to the excavation, as much of the excavated material as is practically possible without the necessity of loading and hauling, by widening embankments, flattening side slopes and constructing such modified cross sections as the Engineer may direct. Excavated material which cannot be accommodated within the right of way adjacent to the excavation shall be loaded and hauled to other disposal areas either within the right of way or in approved waste disposal areas.

The excavated material shall be spread and trimmed to sightly proportions, taking care not to interfere with water courses.

212.02 MEASUREMENT FOR PAYMENT

Volumes of excavation of muskeg or bog will be measured in excavation and computed in cubic metres rounded to the nearest whole number.

Measurements shall be by means of cross sections, or where wet conditions make the obtaining of after sections impractical, by means of a combination of original sections and bog soundings.

The quantity to be measured shall be the number of cubic metres of excavated material as shown between the position of the ground lines as cross sectioned beforehand, and the completed and accepted excavation lines measured either by cross sections or bog soundings. Material excavated outside of the required limits will not be included in measurement for payment. No measurement for payment will be made for the removal of materials that slide or slough into the excavation, nor shall separate payment be made for the removal of such material.

The volume of the excavation is to be computed by the average end area method of computation or as wedges or pyramids, as the case may be when terminating at grade points.

No allowance will be made for material excavated before cross sections have been made.

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212.03 BASIS OF PAYMENT

Where the contract includes quantities for "Muskeg or Bog", then all required excavation of muskeg or bog will be paid for at the contract price for "Muskeg or Bog".

However, should the contract not include quantities for muskeg or bog, then all required excavation of muskeg or bog will be paid for at the contract price for "Excavation Hauled 1 km or Under, Unsuitable Material". Should the contract not include quantities for unsuitable material, then all required excavation for muskeg or bog will be paid for at the contract price for "Excavation Hauled 1 km or Under, Other Material".

Payment shall be at the contract unit price per cubic metre for "Muskeg or Bog" or "Unsuitable Material" or "Other Material" as the case may be, hauled 1 km or under. Such payment shall be full compensation for labour, materials and equipment use required to carry out the operations herein described. However, where the Engineer requires that excavated muskeg or bog be hauled in excess of the 1 km freehaul before being placed, additional payment for overhaul will be made in accordance with Section 215 "Overhaul on Excavated Material", at the appropriate rate for overhaul on excavation Other Material.