

5/5 Cairnglen

Distance between attachments to structure - span = 168"

Diameter of Roller .0787

Length of Pointer 19"

Magnification of extension or Contraction
of Material as indicated on Scale } $\frac{9}{0.787} = 241$

$$\text{Strain} = \frac{\text{Scale reading}}{26\frac{3}{8}} \times \frac{1}{241}$$

$$\text{Stress} = \text{Strain} \times 13.000$$

Extensometer used during the Voyage Middlesbrough - Montreal - Newcastle

Half full size

St. Paulin.

No. 29313
(F.E.)

W1143-0117



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