$$\frac{Q}{Q_{o}} = 1 - \frac{28.}{S_{i}} J(S_{i})$$

$$S_{i} = 0.3438 \qquad From \ table \ 8.4 \implies J_{i}(0.3438) = 0.1692$$

$$\frac{Q}{Q_{\circ}} = 1 - \frac{2 \times 0.3720}{0.3438} \times 0.1692 = 0.634$$

$$\frac{G/L}{G./L} = 0.634$$

$$\frac{G./L}{G./L} = 0.634 \times 6.203 \times 10^{5} = 3.93 \times 10^{5} \text{ J/m}$$