VOLUME ESTIMATES OF STANDING KARRI.

by S.J. Quain.

In the previous issue of forest notes was an article on the volume of a large karri. In the volume calculation a form factor of 0.6 was used.

When the karri volume first came into general use an extensive assessment programme was being carried out in the karri country. It soon became evident to officers engaged on this work that it was worth quite a few loads to "get off the volume table". This was not difficult as the largest girth on the table was only 21-6". This obviously caused some discussion in the field and the form factors in the table were checked and although they vary considerably they are generally well below 0.6.

If my arithmetic is correct below are some of the form factors in the karri volume table as usual.

Using a constant length 81' and different G.B.H.O.B.

G.B.H.O.B.	Form Factor
8-0	0.46
11'0	0.51
14'0	0.51
17'0	0.48
20'0	0.45

Using a constant girth 20'0" and varying length:

Log Length	Form Factor
41	0.56
51	0.51
61	0.48
71	0.46
81	0.45
91	0.45
101	0.45
111	0.45
121	0.45

Although I realise that very large trees do not conform to the average tree, I feel that a form factor of 0.45 rather than 0.6 should be used for large standing karri.
