



334077

INDEX	598
D.A. No.	None
REPORT No.	R658

## THE UNIVERSITY OF MELBOURNE

Department of Geology

Chairman: Dr. R. W. Le Maire  
Mr. Marc Gerrits  
Exploration and Production,  
Oil and Gas,  
The Shell Company of Australia Ltd.,  
P.O. Box 872K  
Melbourne 3001

23 December 1987

Dear Marc,

As we discussed on the phone, I have examined the core samples and thin sections from Bass-2 and I do not believe that the material belongs to the early Cretaceous Otway Group. The material appears to be dominated by basaltic material which has not been transported a great distance, and as such is well outside the normal range of Otway Group sediments. Chemical analysis will not serve any useful purpose in this case, as the thin section observations are sufficient to make this point. It is likely that the material is associated with the "older volcanics", which is currently considered to range in age from late Cretaceous to Eocene in age.

If you should need any further clarification please do not hesitate to get in touch.

Yours sincerely

Dr. Ian R. Duddy  
Research Fellow  
in Geology

PS. The samples and thin sections are being returned under separate cover