



INTERPRETATIVE

Palynology of Tailor No. 1

By

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INTRODUCTION

Samples of sidewall cores and of core 1 from Tailor No. 1 were received for palynological examination in November 1969. Provisional reports of results were issued in December 1969. Observations have been checked for the purposes of the present report with resultant modification to the age of the uppermost Latrobe sequence.

SUMMARY

<u>Sample</u>	<u>Depth (ft.)</u>	<u>Age</u>	<u>Zone</u>
swc 15	7896	Palaeocene	Lower <u>M. diversus</u>
" 14	7901	"	Not processed
" 12	7910	"	"
" 11	7918	"	Lower <u>M. diversus</u>
core 1	7941 *	"	Upper <u>L. balmei</u>
swc 6	7962	"	"
" 4	8064 *	"	Upper <u>L. balmei</u>
" 2	8318 *	"	<u>L. balmei</u> undiff.
" 1	8418	"	Not processed.

COMMENT

Yields from the M. diversus Zone were very small. The uppermost sample, at 7896 ft, contained mainly dinoflagellates and its age is based largely on these fossils (LES ident.).

Dinoflagellates were present in varying abundance in samples marked (*) in the L. balmei Zone.

There is no palynological evidence to suggest a break between the L. balmei and M. diversus Zones.

Samples marked "not processed" were too broken to be cleaned of drilling mud or too sandy to yield fossils.

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