

MORGAN PALAEO ASSOCIATES

PALYNOLOGICAL/PETROLEUM GEOLOGICAL CONSULTANTS

POSTAL ADDRESS: Box 161, Maitland, South Australia 5573

DELIVERIES: 1 Shannon Tce, Maitland, South Australia 5573

Phone (088) 32 2793 Fax (088) 32 2798



PE990170

Fax: Greg Parker
Vic Geol Survey.

Fax: 412 7803

Re: Casterton Beds Palynology

① I have never looked at material from Hawkesdale-1 but have reviewed the Dettmann report for Minora. The Casterton Beds samples at 1715m appear to be lower australiensis zone. No shallow data exists up to 1059m

② I have studied new cuttings from Woolthorpe for Minora and reviewed the Dettmann report. The Casterton Beds data are not very clear with the 6230 ft. sample apparently wenthaggiensis zone but the 6380 ft. sample apparently lower australiensis to walthroensis. The ^{new} cuttings are badly contaminated and add nothing at this horizon.

The Dettmann slides for these wells cannot be located by me, for restudy. Most of Dettmann's collection was lost in the Brisbane flood while ^{Stally} claim to hold nothing.

③ The new work by me for Connard (1986) in Casterton-1 provides a lower australiensis to walthroensis assignment as shown in Kopsen and Scholfield and is probably the most reliable currently available.

④ I can have the Minora Woolthorpe data copied for you if you cannot find it in the Survey - I have cleared it with Ed Kopsen at Minora.

Regards,

Roger Mayne

9.10.92

