

SAMPLE AND DEPTH IN FEET	ZONE	AGE	PRESERVATION	DIVERSITY	REMARKS	SAMPLE NO.	
SWC 45	6 715	<u>L. asperulum</u>	Middle to Late Eocene	Fair to good	Very low	S3020	
SWC 44	6 730	<u>L. asperulum</u>	Middle to Late Eocene	Fair to good	Very low	Very rare microplankton	S3019
SWC 43	6 825	Lower <u>L. asperulum</u>	Middle Eocene	Poor to fair	Low	Sparse microplankton	S3018
SWC 41	6 920	Lower <u>L. asperulum</u>	Middle Eocene	Poor to fair	Low	Very rare microplankton, reworked Permian spores.	S3017
SWC 38	7 431	?Lower <u>L. asperulum</u>	Middle Eocene	Poor to fair	Low	Core fractured and mud invaded.	S3016
SWC 37	7 566	Indeterminate				S3015	
SWC 33	7 923	Indeterminate				S3014	
SWC 30	8 189	<u>Protacidites asperonolus</u>	Early to Middle Eocene	Very poor	Very low	Core fractured and mud invaded	S3013
SWC 27	8 384	Indeterminate				S3012	
SWC 25	8 520	<u>M. diversum</u>	Early Eocene	Very poor	Low	Moderate yield of microplankton.	S3011
SWC 22	8 615	<u>M. diversum</u>	Early Eocene	Very poor	Very low		S3010
SWC.20	8 748	Indeterminate				Essentially barren	S3009
SWC 19	8 794	Indeterminate		Very poor	Very low	?Non-marine dinoflagellates	S3008
SWC 17	8 897	Indeterminate				S3007	
SWC 15	8 944	<u>M. diversum</u>	Early Eocene	Very poor	Very low		S3005
SWC 14	8 990	Upper <u>L. balmei</u>	Late Paleocene	Very poor	Low	Moderate yield of microplankton	S3004
SWC 13	9 080	Upper <u>L. balmei</u>	Late Paleocene	Very poor	Low	Rare microplankton, reworked Cretaceous and Permian spores.	S3003
SWC 12	9 120	Indeterminate				Essentially barren.	S3006
SWC 11	9 166	?Lower <u>L. balmei</u>	Paleocene	Very poor	Very low	Rare microplankton, reworked Permian spores.	S3002
SWC 9	9 250	?Lower <u>L. balmei</u>	Paleocene	Very poor	Very low	Core badly fractured and mud invaded, rare microplankton.	S3001
SWC 8	9 350	?Lower <u>L. balmei</u>	Paleocene	Very poor	Very low	Core badly fractured and mud invaded.	S3000
SWC 4	9 494	Indeterminate				Essentially barren	S2999
Core 1	9 528	?Lower <u>L. balmei</u>	Paleocene	Poor	Low	First appearance of <u>C. gigante</u>	S2998
Core 2	9 559	Indeterminate		Very poor	Very low	Forms barely identifiable.	S2997
SWC 30	9 747	Indeterminate				S3031	
SWC 28	9 872	Indeterminate				Virtually barren	S3030
SWC 27	9 990	Lower <u>L. balmei</u>	Paleocene	Very low	Very low	Very rare dinoflagellates, reworked Permian spores.	S3029
SWC 26	10 057	Indeterminate				S3028	
SWC 24	10 194	Indeterminate				S3027	
SWC 23	10 250	Indeterminate				S3026	
SWC 22	10 294	?Lower <u>L. balmei</u>	Paleocene	Very poor	Very low	A very small assemblages and possibly contaminated.	S3025
SWC 13	11 133	Indeterminate				S3024	
SWC 8	11 525	Indeterminate				S3022	
SWC 7	11 909	Indeterminate				S3021	
SWC 1	11 565	Indeterminate				S3023	

Table I - Summary of palynological analyses, Hematite Arco No. 1 Well, Bass Basin, Tasmania.

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