

TABLE 1: BIOSTRATIGRAPHIC AGES

These data are presented in the same order as the lithological units in the map legend. The data are only new and unpublished, from a variety of sources listed in the table. Additional earlier fossil reports are given by Coffin (1981) and Duffell and McPartland (1952).

Formal Unit	Map-unit	Diagnostic age	Fossil groups	Collector	Identifier	G.S.C. locality number where applicable	Reference where applicable
881	E ₁	probably late Eocene	pollen microflora	W.J. Morrison	W.S. Hopkins	C-2485	
882	E ₂	late Eocene - (?) early Oligocene	microflora	"	"	C-2904	
883	E ₃	probably Paleocene	microflora	V.A. Preto	W.S. Hopkins		
884	E ₄	early to middle Eocene	microflora	A.P. Cameron	W.S. Hopkins		Hopkins, 1980
885	E ₅	probably post-Cretaceous, pre-Tertiary	microflora	S.D. Devlin	G.C. House		Devlin, 1981
886	ImK ₁	middle to late Cretaceous	microflora	J.W. Bovis	A.R. Sweet	C-4550	
887	ImK ₂	late Albian - ?	microflora	E.S. Shannon	W.S. Hopkins	C-2901	Shannon, 1982
888	ImK ₃	middle Albian or younger	microflora	W.S. Hopkins	A.R. Sweet	C-29418	
889	ImK ₄	middle Albian or younger	microflora	H.P. Trethin	G.C. House		Trethin, 1981
890	ImK ₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2906	
891	ImK ₆	middle to late Cretaceous	microflora	"	"	C-2907	
892	ImK ₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2908	
893	ImK ₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2909	
894	ImK ₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2910	
895	ImK ₁₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2911	
896	ImK ₁₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2912	
897	ImK ₁₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2913	
898	ImK ₁₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2914	
899	ImK ₁₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2915	
899	ImK ₁₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2916	
899	ImK ₁₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2917	
899	ImK ₁₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2918	
899	ImK ₁₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2919	
899	ImK ₁₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2920	
899	ImK ₂₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2921	
899	ImK ₂₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2922	
899	ImK ₂₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2923	
899	ImK ₂₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2924	
899	ImK ₂₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2925	
899	ImK ₂₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2926	
899	ImK ₂₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2927	
899	ImK ₂₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2928	
899	ImK ₂₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2929	
899	ImK ₂₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2930	
899	ImK ₃₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2931	
899	ImK ₃₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2932	
899	ImK ₃₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2933	
899	ImK ₃₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2934	
899	ImK ₃₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2935	
899	ImK ₃₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2936	
899	ImK ₃₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2937	
899	ImK ₃₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2938	
899	ImK ₃₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2939	
899	ImK ₃₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2940	
899	ImK ₄₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2941	
899	ImK ₄₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2942	
899	ImK ₄₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2943	
899	ImK ₄₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2944	
899	ImK ₄₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2945	
899	ImK ₄₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2946	
899	ImK ₄₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2947	
899	ImK ₄₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2948	
899	ImK ₄₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2949	
899	ImK ₄₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2950	
899	ImK ₅₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2951	
899	ImK ₅₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2952	
899	ImK ₅₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2953	
899	ImK ₅₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2954	
899	ImK ₅₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2955	
899	ImK ₅₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2956	
899	ImK ₅₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2957	
899	ImK ₅₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2958	
899	ImK ₅₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2959	
899	ImK ₅₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2960	
899	ImK ₆₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2961	
899	ImK ₆₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2962	
899	ImK ₆₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2963	
899	ImK ₆₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2964	
899	ImK ₆₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2965	
899	ImK ₆₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2966	
899	ImK ₆₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2967	
899	ImK ₆₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2968	
899	ImK ₆₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2969	
899	ImK ₆₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2970	
899	ImK ₇₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2971	
899	ImK ₇₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2972	
899	ImK ₇₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2973	
899	ImK ₇₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2974	
899	ImK ₇₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2975	
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899	ImK ₇₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2977	
899	ImK ₇₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2978	
899	ImK ₇₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2979	
899	ImK ₇₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2980	
899	ImK ₈₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2981	
899	ImK ₈₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2982	
899	ImK ₈₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2983	
899	ImK ₈₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2984	
899	ImK ₈₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2985	
899	ImK ₈₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2986	
899	ImK ₈₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2987	
899	ImK ₈₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2988	
899	ImK ₈₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2989	
899	ImK ₈₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2990	
899	ImK ₉₀	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2991	
899	ImK ₉₁	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2992	
899	ImK ₉₂	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2993	
899	ImK ₉₃	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2994	
899	ImK ₉₄	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2995	
899	ImK ₉₅	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2996	
899	ImK ₉₆	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2997	
899	ImK ₉₇	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2998	
899	ImK ₉₈	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-2999	
899	ImK ₉₉	late Albian - ?	microflora	W.S. Hopkins	W.S. Hopkins	C-3000	

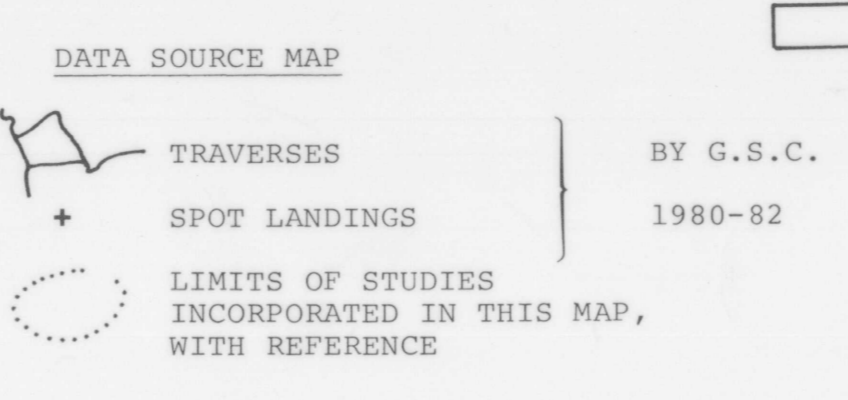


TABLE 2: ISOTOPIC DATES

These data are presented in the same order as the lithological units on the legend. They are taken from a variety of published and unpublished sources, as shown in the table, and most were compiled by R.L. Armstrong in the University of British Columbia geochronology laboratory. The system age (G.S.C. locality number where applicable) is the age of the sample. The age of the sample is given in the table. The age of the sample is given in the table. The age of the sample is given in the table.

Sample symbol	Map-unit	Date (Ma)	System	Source	Laboratory	Reference, where applicable
G1	P _{1v}	0.4 ± 0.4	Kw	W.J. Morrison	UNC	Church, 1975
M1	MP ₁	2.2 ± 0.3	Kw	M.L. Bevier	UNC	
M2	"	14.1 ± 0.5	Kw	B.S. Church	UNC	
M3	"	8.2 ± 0.3	Kw	M.L. Bevier	UNC	
M4	"	10 ± 2	Kw	W.S. Mathews	UA	Mathews and Rowe, 1967
CC1	P _{1cc}	11.6 ± 1.1	Kw	T.R. Ewing	UNC	Ewing, 1981
CC2	"	49.7 ± 1.7	Kw	W.S. Mathews	UA	Mathews, 1964
CC3	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC4	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC5	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC6	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC7	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC8	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC9	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC10	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC11	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC12	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC13	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC14	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC15	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC16	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC17	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC18	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC19	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC20	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC21	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC22	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC23	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC24	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC25	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC26	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC27	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC28	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC29	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC30	"	51.2 ± 1.8	Kw	W.S. Mathews	UA	Mathews, 1964
CC31	"	51.2 ± 1.8				