KAOLAK TEST WELL 1

Geologic age	Rock unit	Faunal zone	Core	Depth (feet)	Barren, B; No recovery, X	FORAMINIFERA												OTHER FOSSILS	
						Haplophragmoides topagorukensis Tappan	*Glomospirella gaultina* (Berthelin)	*Trochammina* sp.	*Saccammina lathrami* Tappan	*Verneuilinoides borealis* Tappan	*Gaudryina canadensis* Cushman	*Bathysiphon brosgei* Tappan	*Bathysiphon vitta* Nauss?	*Siphotextularia? rayi* Tappan	"*Tritaxia*" *manitobensis* Wickenden	*Miliammina awunensis* Tappan	*Gavelinella stictata* (Tappan)	Echinoid spine	*Buchia?* sp.
Early Cretaceous; Middle to late Albian	Kukpowruk and Corwin Formations undifferentiated			113 – 200	B														
			1	217 – 237	B														
				257 – 407	B														
			2	420 – 440		2	2												
				450 – 460	B														
				470 – 480				?1											
				490 – 500				?1											
				510 – 540	B														
			3	560 – 580	B														
				590 – 740	B														
			4	767 – 782	B														
				790 – 920	B														
			5	935 – 941	B														
				950 – 980	B														
			6	980–1,000	B														
				1,000–1,170	B														
			7	1,183–1,203	N														
				1,203–1,380	B														
			8	1,383–1,400	B														
				1,400–1,500	B														
			9	1,516–1,536	B														
				1,536–1,657	B														
			10	1,657–1,677	B														
			11	1,677–1,693	B														
				1,693–1,700	B														
				1,720–1,730														f	
				1,750–1,810	B														
			12	1,814–1,835	B														
				1,840–2,000	B														
			13	2,026–2,046	B														
				2,046–2,060	B														
				2,080–2,090				?1										f	
				2,110–2,180	B														
			14	2,205–2,225	B														
				2,225–2,380	B														
			15	2,400–2,415	B														
				2,415–2,420	B														
			16	2,453–2,466	B														
				2,470–2,600	B														
			17	2,607–2,618	B														
				2,620–2,780	B														
			18	2,791–2,801				?1	4										
			18	2,801–2,811					6										
				2,811–2,940	B														
			19	2,945–2,957	B														
				2,960–3,140	B														
			20	3,156–3,176	B														
			21	3,176–3,192	B														
				3,230–3,240	B														
			22	3,256–3,271	B														
				3,271–3,390	B														
				3,390–3,400					1										
				3,430–3,470	B														
			23	3,476–3,496	B														
				3,500–3,630	B														
			24	3,667–3,679	B														
				3,690–3,860	B														
			25	3,873–3,881	N														
			26	3,881–3,892	B														
				3,920–3,970	B														
			27	3,985–4,002	B														
			28	4,002–4,021	B														
			29	4,021–4,033	B														
			30	4,077–4,095	B														
				4,130–4,140	B														
			31	4,175–4,193	B														
				4,220–4,410	B														
			32	4,429–4,439	B														
				4,470–4,620	B														
		Verneuilinoides borealis	33	4,625–4,635				?1		6									
			33	4,635–4,643	B														
				4,680–4,690						3									
				4,710–4,804	B														
			34	4,804–4,824	B														
			35	4,824–4,836	B														
			36	4,836–4,850	B														
			37	4,850–4,864	B														
			38	4,864–4,874	B														
				4,874–5,053	B														
			39	5,053–5,073	B														
			40	5,073–5,087	B														
			41	5,087–5,100		f				1	1								
				5,100–5,270	B														
			42	5,281–5,295	B														
				5,300–5,310	B														
				5,340–5,350		1													
				5,380–5,470	B														
			43	5,481–5,497	B														
				5,497–5,540	B														
				5,570–5,580					1	1									
				5,610–5,620	B														
			44	5,646–5,660	B														
				5,660–5,750	B														
			45	5,754–5,772	B														
				5,780–5,910	B														
			46	5,927–5,942	B														
				5,942–6,050	B														
				6,080–6,090		f				?2									
			47	6,115–6,127	N														
			48	6,127–6,138	B														
				6,130–6,140		1				2									
				6,160–6,170		1						1							
				6,200–6,210		2							f						
				6,240–6,360	B														
			49	6,367–6,387					6	4			2f	4	?5	C			
			50	6,387–6,404	B														
			51	6,404–6,420	B														
				6,420–6,520	B														
				6,550–6,560						3									
				6,560–6,570															?1
			52	6,591–6,599	B														
				6,599–6,610	B														
				6,640–6,650		5											1		
				6,680–6,737	B														
			53	6,737–6,757	B														
				6,760–6,800	B														
				6,840–6,850		5			1	?1					?1				
				6,880–6,890	B														
				6,920–6,930													1		

MEADE TEST WELL 1

Geologic age	Rock unit	Faunal zone	Core	Depth (feet)	Barren, B; not sampled, N	FORAMINIFERA																						OTHER FOSSILS					
						Glomospirella gaultina (Berthelin)	*Verneuilinoides borealis* Tappan	*Haplophragmoides topagorukensis* Tappan	*Trochammina mcmurrayensis* Mellon and Wall	*Miliammina awunensis* Tappan	*Psamminopelta bowsheri* Tappan	"*Tritaxia*" *manitobensis* Wickenden	*Gaudryina canadensis* Cushman	*Trochammina gatesensis* Stelck and Wall	*Ammobaculites wenonahae* Tappan	*Bathysiphon vitta* Nauss?	*Gaudryinella irregularis* Tappan	*Saccammina lathrami* Tappan	*Textularia topagorukensis* Tappan	*Miliammina manitobensis* Wickenden	*Ammodiscus rotalarius* Loeblich and Tappan	*Gavelinella stictata* (Tappan)	*Eurycheilostoma robinsonae* Tappan	*Astacolus* sp.	*Bathysiphon brosgei* Tappan	*Valvulineria loetterlei* (Tappan)	*Lenticulina macrodisca* (Reuss)	Charophyte oogonia	Fish tooth	Plant spores	*Ditrupa cornu* Imlay	Ostracode	Echinoid spine
Early Cretaceous; Middle to late Albian	Kukpowruk and Corwin Formations undifferentiated			0 – 40	N																												
				40 – 50	▨																												
				50 – 60	▨																												
				70 – 80	▨																												
				80 – 90	B																												
				110 – 120	B																												
				120 – 130	B																												
				130 – 140	B																												
				140 – 150	B																												
				150 – 160	B																												
				160 – 170	B																												
				170 – 180	B																												
				180 – 190	▨																												
				190 – 200	B																												
				200 – 210	B																												
				210 – 220	B																												
				220 – 230	B																												
				230 – 240	B																												
				240 – 250	B																												
				250 – 260	B																												
				260 – 270	B																												
				270 – 280	B																												
				280 – 290	B																												
			1	290 – 300	B																												
				320		1																											
				340	B																												
				370	B																												
				380	B																												
				400	B																												
				420	B																												
				440	B																												
				450	B																												
				470	B																												
				500	B																												
				530	B																												
				550	B																												
				570	B																												
				590	B																												
			2	592 – 601	B																												
				610																								1					
				630																								4					
				650	B																												
				670	B																												
				690	B																												
				710	B																												
				730																								1					
				750																								1					
				770	B																												
				790	B																												
				810	B																												
				830	B																												
				850	B																												
				870	B																												
			3	890 – 900	B																												
				910	B																												
				930	B																												
				950																								1					
				970	B																												
				990	B																												
				1,000																								1					
		Verneuilinoides borealis		1,010			5	1																				1					
				1,030	B																												
				1,050	B																												
				1,070	B																												
				1,090			1																										
				1,120	B																												
				1,140	B																												
				1,160	B																												
				1,180			1																										
			4	1,190–1,197	B																												
				1,200	B																												
				1,220					1																								
				1,240			1																										
				1,260	B																												
				1,280			4																										
				1,300			2																										
				1,320			2	1																									
				1,340				?1																									
				1,360	B																												
				1,380			B	?1		3																							
				1,400			5	?1		1	1																						
				1,420			4	?4		3		2	2																1				
				1,440			1			8		?1																					
				1,460			5			5		4	2	5	?1													2					
				1,480			11			1				2		2f	2	4															
			5	1,490–1,500																										P			
				1,500			9			7																							
				1,520			8			10				3	?f													2					
				1,540			1		1	2																							
				1,560			3		4	C							3																
				1,580			2			9							2																
				1,600			1	2		4			1	2	?f													1					
				1,620						5																		1					
				1,640						3			1																				
				1,660			3			3								1															
				1,680			1			6	2		?1	1																			
				1,700			1		1	7	3																						
				1,720						3																							
				1,740			?1			3							1																
				1,760			f			2																							
				1,780			2		?1	4								1	1														
				1,800			4			6	?1	2																					
			6	1,790–1,800			f									f			1														
				1,820			5					1		?1			1																
				1,860			1			1				1					1														
				1,880			4	1				2																1					
				1,900			1			5				1			4																
				1,920			1			4			2																				
				1,940			6			1		1							1	3													
				1,960			1																						1				
				1,980			3				1		1																				
				2,000			2			2	1																	1					
				2,020			1																										
				2,040			1																										
				2,060						2		1	?1					1															
			7	2,065–2,075						1				1																			
				2,080					1	2							1				1							1					
				2,100							1			?1					1														
				2,120			C			2		1		?1														1					
				2,140									1							2													
				2,160						2		2	1															1					
				2,180			2																								P		
				2,200			f						?1																				
				2,220			1	1									1																
				2,240			2	2			1																	1					
				2,260			2																					1					
				2,280										1														1					
				2,300						1							3				3	1											
				2,320			2	C				1											1										
				2,340					1											1													
				2,360				1	1			2								3				1				1					
			8	2,365–2,375																								C					
				2,380					1	5			1					1													P		
				2,400			?f			3			1							2													
				2,420			5																					3					
			9	2,438–2,445			1	2																	1								
				2,438																2													
				2,460					1	2					1			1															
				2,480						1																		2					
				2,520			2			3																							
				2,540			4			6															1								
				2,560				1				?1								2													
				2,580			2	2		1			1							2													
				2,600			1																										
				2,620			3	2																									
				2,640			1		?3	1			1							1								2					
				2,660			1																										
				2,680						1		1																					
			10	2,689–2,698	B																												
			11	2,698–2,708	B																												
				2,700				2		1	1	1	?1																				
				2,720			V	2	2				1		2f																		
				2,740			3	2					1							3		1											
				2,760			A	1		1			1																				
				2,780			1	1		3	1	?1					1	1				1											
				2,800						1						1	1			1													
				2,820			1	2					f																			1	
				2,840			3			1	1							1										2					
				2,860			5			7	?1		3							3		5						1					
				2,880			5	1		2																							
				2,900			6	3																		1							
				2,920			4	7						?3	?3					2													
				2,940			11	2				1			2																		
			12	2,949–2,969	B																												
			13	2,969–2,977	B																												
				2,980			2	2			1						1					1						1					
				3,000			6	B			2	1		1	f				1			1											
				3,020			1	1			1	1						2															
				3,040			2			1		?1	?1																				
				3,060			1			2																							
				3,080			5	1															1								P		
				3,100			7			2																		2					f
				3,120			B			1				1					1														
				3,140			7	1		C	5						?1					4											
				3,160						1		2	?1																				
				3,180			2	5			1	1	f			1																	
				3,200			1	3																									
				3,220				1		1	1	f	f															1					
				3,240				1		1												1											
			14	3,251–3,256	B																												
			15	3,256–3,261			5	10		1												3											
				3,280			3	1		1		?1																					
				3,300			1	1		1	1																						
				3,320			2	2																									
				3,340			5													?2													
				3,360			1				1							1															
				3,380			1	3				2																					
				3,400																													f
				3,420			1	1		3	1																						
				3,440			4	2									?3			3													
				3,460			10	4		3	1																						
				3,480			5	3			2									?1													
				3,500				?1																									
				3,520			5	3		1										1													
				3,540			6													?2		1											
			16	3,550–3,555						3																							
			17	3,555–3,560	B																												
				3,580				1						1																			
				3,600			3			2	1						f	?1															
				3,620			3				1							1															
				3,640				1					1																				
				3,660				2					1																				
				3,680			1	1				1																					
				3,700						1																							
				3,720			5	1																									
				3,740			1	1							1																		
				3,760			1				1					2								1									
				3,780			1			1																							
				3,800					?1					?1		1		?1															
				3,820						1																							
			18	3,825–3,830			C					1		?5					3														
			19	3,830–3,835			8					4								?2													
				3,840			3					1																1					
				3,860			2																					2					
				3,880				2														2											
				3,900				1																									
				3,920			1				2																						
				3,940			f	1		1																							
				3,960																1													
				3,980			4		3											?1								3					
				4,000			3			1	1																						
				4,020			5			1																							
				4,040	B																												
				4,060				3																									
				4,080			1	6																									
				4,100				1																		?							
			20–23	4,114–4,134	N																												
			24	4,134–4,140	B																												
			25	4,140–4,145	B																												
			26–30	4,145–4,184	B																												
	Torok Formation			4,200				1																									
				4,220						1																							
				4,240				?1			1				f																		
				4,260														3															
				4,300							1	1		1																			
				4,320			7	3		4		1	1																				
				4,340			4					1	1																				
				4,360						2								?1															
				4,380			2			1		1																					
				4,400			4									?f				1													
				4,420			2				1	1		1																			
				4,440			1			1	1		2	1			1																
			31	4,457–4,463									?1		?f																		
				4,480			1	1		?1																							
				4,500				?1						1																			
				4,520										1			?f	?															
				4,560			1			1					?1													1					
				4,580			1			1																		1					
				4,600																?1		1											
				4,620						1																							
				4,640			1				1																						
				4,660				2																									
				4,680																							1						
				4,700													1					1											
				4,720								?2				1																	
				4,740						2				1	?f										1								
				4,760			1																	1									
			32	4,770–4,778	B																												
				4,780			1																					1					
				4,800			1								?f													1					
				4,820			1						?f	?1	?f																		
				4,840			3																										
				4,860			3						1			1						?f											
				4,880				1	?1	1			1				1																
				4,900									1				1																
				4,920			1	2		1					?f		1								1						P		
				4,940			1																										
				4,960			1																										
				4,980			1			3					f																		
				5,000			1	?1		2				1				1					1		1								
				5,020			2		1	2																							
				5,040			1	1			1				1																	1	
			33	5,048–5,058				C							3f				2														
				5,060				1						?1																			
				5,080			1			2				?1	1																		
				5,100			1			2																							
				5,120			1	2																									
				5,140			1			?1																							
				5,160			1			1																							
				5,180						2		1																					
				5,200			2																								P		
				5,220														?1		?3													
				5,240						1																							
				5,280						1																							
			34	5,300–5,305	B																												

EXPLANATION

3 — Number of specimens (less than 12)

C — Common specimens (12–25)

A — Abundant specimens (26–50)

V — Very abundant specimens (more than 50)

f — Fragment

P — Present

? — Questioned occurrence

▨ — Drilling contamination from Gubik Formation

B — Barren

N — Not sampled

X — No recovery

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1965— G64125

STRATIGRAPHIC DISTRIBUTION OF MICROFOSSILS IN KAOLAK TEST WELL 1 AND MEADE TEST WELL 1, NORTHERN ALASKA