

NOTE: Floated slides discarded after well was worked. This data added later on page 5.

Depth	Type	Genus	Species	Quant.	Comments	Hole	Lithology and other comments	
0-18		NO FAUNA					(u) Mottled grey + orange sandy clay + 2% CG angular SD (w) M-FG SA, white, subang + 1% SD VCG-ANG, and 2% orange stained claystone + TR Lignite (f) Lignite	
18-21		bivalves Echinoid spines steropods Gastropods Bryozoans Lg Foram Phosphatized Fish Vertebra		A R V V R V V	Note: Some of the bivalves + gastropods can potentially be identified + provide ages  (possibly, this could be identified, and dated)		(u) approx. equal amounts of med grey sandy clay, shells + shell FGMS; SD M-CG also, TR, PO4 grains (w) SD M-CG, subang-subbrnd (60%); SHL 35% + TR claystone, Lignite, PO4 pebbles	
21-30		bivalves Gastropods bryozoans		A R R			(u) LAA with dec 90 SHL (w) 'LAA = Lithology as above'	
30-41		bivalves		N			(u) M-CG subang-subbrnd SD - dingy white ± 2-3% violet and pink grains. TR SHL (V. Abd. - possibility R w/d) and TR G. LAUC. + clay (w) M-CG subang-subbrnd SD - dingy white to yellowish; ~4% violet + pink grains; ~5% V. Abd. SNC FGMS (ABD) + TR Lignite + G. LAUCONITE.	
		<p>note. bivalves (ostracod) in 30-50 interval suggest a cephalopod use - possibly powder as shown by BMS 10/23/59</p>						
41-50		bivalves Gastropods Bryozoans	one "Arca"	A R V			(u) LAA ± INC SHL to 15% and inc clay to 5% (w) subbrnd yellowish SD, C-FG ~5% violet grains + TR green grains (60%); SHL FGMS 40% + TR PO4 pebbles, pale grey clay. V. TR G. LAUCONITE	
50-61		bivalves Gastropods Fish tooth		A R V			(u) M-FG pale grey SD + TR V. Sandy clay + orange stained sand + clay; SHL ~2% ABD (w) C-VFG yellowish subbrnd SD (2% violet) + 15% SHL FGMS TR PO4 pebbles + clay	



Depth	Type	Genus	Species	Grain	Comments	Hole	Lithology and other comments
61-81							(u) Very soft brownish grey sandstone, v. f. g. - held together by high clay content. (w) fine - v. fine grained sd, - pale grey + N 2% @ of v. f. glauc. grains, gypsum, lg lignite frags.
86-101							(u) Pale grey fg sd + TR mica + lignite (w) Pale grey sd fg (2% mg) ± 1% @ mica, lignite, gypsum
101-116							(u) Pale grey m-fg sd + TR mica + lignite (w) Pale grey m-fg sd + TR lignite + mica
116-121							(u) LA + 5% sd + brn clay (w) M-CG sd - pale grey + 1% lignite + TR clay
121-129							(u) Med. brn sandy, lignitic clay (w) 60% clay, med brn; 35% sd c - vfg, 5% gypsum TR lignite
129-131							(u) LA + 25% white sd m-fg (w) Pale grey m-fg sd + 5% clay, 1% mica + lignite
131-141		oysters		N	in situ		(u) Med-lt brn sandy lignitic clay (w) fg sd + 4% shal, 2% @ lignite, gypsum
141-161							(u) Pale brn v. sandy, lignitic clay (w) M-CG sd pale grey + TR lignite
163-174							(u) Pale grey sd m-fg ± TR clay + lignite + mica (w) Dingy white fg sd + TR s + mg, mica



Depth	Type	Genus	Species	Quant.	Comments	Hole	Lithology and other comments
174-181							(U) Lt brown sandy + lignitic clay (W) white SD F-MG + TR clay, lignite, mica, [FPO shell - prob. CVD]
181-185							(U) Reddish brown v. sandy clay (W) white FG SD + TR lignite, (hematite + hematite + mica)
185-192							(U) white MG subang SD (W) white MG subang SD
192-201							(U) reddish sandy clay + TR grey clay (W) white FG SD + TR lignite, hematite + (ABD SHC - prob. CVD)
201-202							(U) tan FG SD + TR clay + hematite (W) white FG SD + TR lignite, hematite, mica
202-206							(U) M-CG SD + 5% pale grey clay (W) white C-FG SD + TR hematite + 1% yellow sand grains
206-221							(U) reddish grey v. sandy clay + TR dk grey clay (W) white F-MG SD + TR lignite + hematite
221-241							(U) v. sandy orange-brown clay with pale grey intrach. (W) FG SD, white (5% M-CG) + 1% hematite + TR lignite
241-261							(U) sandy reddish brown clay [shell - prob. CVD] (W) pale grey M-FG SD + TR hematite, lignite [5% FPO SHC - probably CVD] + 1% FG-SS calc. cont.







Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
0-18		NO FAUNA					Lignite
18-21	R	ELP	SSP	N			shell FGMS; lignite
	R	BOL	SP	V			
	R	LAG	SP	V			
	R	SMP	SP	V			(SIN)
21-30	R	ELP	SSP	A			lignite, SD, calc. SD
	M	QUN	AP	V			
	R	ROS	AP	V			
	O	OST	SSP	V			
	R	DIS	AP	R			
	R	CIB	SSP	R	lg		
	P	GLB	BLD	R			
	R	FSS	AP	V			
	R	LAG	AP	V			
	P	GLR	SP	V	-Scitula lignifera		
	P	GLB	ATA	V			
	P	GLB	FLC	R			
	R	PAT	SP	V			
	R	HAN	COC	V			
	R	EPD	AP	R			
	R	BUC	SP	V			(IN)
30-41		NO FAUNA					SD, lignite?
41-50	R	ELP	AP	V			
	R	CIB	AP	V	SM		
	R	CIB	SP	V	CF. CEL (lg)		USIN?
50-61		NO FAUNA					SD, lignite
61-81		"					Lignite, SD
86-101		"					SD, FG, lignite, mica
101-116		"					Lignite
116-121		"					Lignite, SD
121-139		"					Lignite, SD
129-131		"					Lignite, SD, mica
131-141		"					Lignite, SD
141-161		"					SD, lignite, mica



Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
163-174		NO FAUNA					SD, mica, lignite
174-181		"					SD, lignite, mica, (insect parts, prob. contamination)
181-185		"					SAND, lignite, mica
185-192		"					SAND, lignite, mica
192-201		"					MICA, SAND, clay, lignite
201-202		"					lignite, sand, mica
202-206		"					SAND, lignite
206-221	R	CIB	SP	V	CUD		SD, lignite
221-241		NO FAUNA					SD, lignite
241-261		"					SD, lignite
261-269		"					SD, lignite
269-281		"					SD; lignite
281-301		"					SD, lignite
301-321		"					SD, lignite, mica
321-341		"					SD, lignite, gypsum, mica
341-361		"					MICA, SD, lignite