

Depth	Type	Genus	Species	Quant.	Comments	Hole	Lithology and other comments
0-10		NO FAUNA					(U) med. gr clear to white QTZ SD - subang - rnd. TR lignite; L+brn clay (W) med. vfg clear to white QTZ SD, subang - rnd, most subrnd. +TR heavy min + v. abd SHL FG M. note - some sd grits have a pale yellow stain (S) Lignite sd seems too mature for ? MM + NM sp.
10-20		NO FAUNA					(U) C-FG QTZ SD, white - v. pale yellow, subang - subrnd. + TR pale greyish TR clay. (W) C-FG QTZ SD, clear - white; subang - rnd, predom. subrnd + TR v. pale grey clay (S) SD vfg - ? MM
20-28	B	PPD	SSP	B			(U) see pg 1-A
	G	GPD	SSP	A			(W) lightly to heavily ASD SHL LHS + L+brn sandy to silty clay + m-f G subang pale grey - clear QTZ SD (note: some of the PPD+GPD could be identified)
	Z	BRZ	SSP	S			
		calcareous + shale	SP	V			
		pteropod	SSP	R			
	N	BRN	SP	R			
		oyster	SP	V			
	G	Pulmonate	SP	V			
	M	QUN	SSP	R			
	E	ECIT	SPINE	R			(S) (note: some fauna picked from (W) + put in slide - only a small % of fauna floated)
	V	WRM	SP	V			
	R	ELP	SSP	N			
	I	ILT	SP	V			
	A	TEX	SSP	R			Forams, safg, tr lignite
	R	AMA	BCI	V			VSIN - SIN
28-40	B	PPD	SSP	B			(U) sandy PPD SHL LHS - more wood, SD C-FG, (W) PPD SHL LHS + sm amt C-FG SD, grey, subang, + TR GLUC (S) v. r. fauna
	G	GPD	SSP	N			
	Z	BRZ	SSP	C			
	E	ECH	SPN	N			
	O	OST	SSP	R			
	R	ANO	SP	R			
	R	CIB	SSP	N			
	P	HHT	GOB	V			TRWK OR CONTAMINANT
	M	QUN	SP	V			VSIN - SIN

Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments	
40-43	B	PPP	SSP	B			(u) PPD SHLHSH -	
	G	CPD	ASP	C			Lg abd FBMS	
	N	BRN	AP	R			(u) PPD SHLHSH + TR	
	Z	BRZ	ASP	C			calc + Qtz SD M-VFG	
	M	QUN	SSP	R			(S) TR. FAUNA, SD, Lignite	
	O	OST	SP	V				
	R	AMA	BCI	V				
	A	TEX	SP	V			USIN	
43-52	B	PPD	AD	B			(u) silty, sandy, shelly	
	E	ECH	SPD	C			dinky grey limestone + base	
	R	AMP	AD GIB	C	Lg only 1 fauna, rest picked!		loose sh/HSH.	
	Z	BRZ	AD	C			(u) v. soy - shelly, white-	
	N	BRN	AD	R			med grey LS + abundant	
	A	TEX	AD	N			SHLHSH	
	M	QUN	AD	C			(S) Floated FAUNA + TR Lignite	
	M	SLC	AP	V			? possible near bluff ↑	
	R	CIB	AD	R			USIN - TR. carb. bank	
	O	OST	AD	R				
52-62	A	AMP	GIB	C			(u) white-grey soy +	
	B	PPD	AD	N			shelly LS. j SHLHSH	
	N	BRN	AD	R			less abundant, inc calc.	
	Z	BRZ	AD	A			SD + Qtz SD slightly	
	E	ECH	AP	R			(u) Lime + Qtz SD + reduced	
	G	CPD	ASP	R			SHLHSH as above + limestone	
	M	SLC	AP	V	costate		(S)	
	A	TEX	SSP	N				
	R	CIB	SSP	N				
	M	QUN	SSP	N				
	O	OST	SSP	R				
	R	GUT	SP	V			USIN - SIN carb. bank	
62-82	NO cuttings - core available.							
82-90	RGB	RGB	RGB	C			(u) grey slightly sandy	
	HXX	GBS	GBS	N			siltstone - slightly calc,	
	HXX	PUL	PUL	V			v. loosely indurated	
	GUM	CRT	CRT	C			(u) same as (u) E TR	
	CIT	SP	SP	V			glauc. and inc SD	
	LNT	AD	AD	V	cf Bondi		+ TR calc lith + fauna	
	CIB						(S) - FAUNA + SD vfg	
	BOL							
	TEX						IN CRT	
LNT	AD	AD	V			IN reduced lith ? SMN		

Depth	Type	Genus	Species	Quant.	Comments	Hole	Lithology and other comments
92-100	M	QUN	SP	✓			(u) white popd L.S., sl.
	R	GUT	SP	✓			soy
	R	CIB	ASP	✓			(w) white sl. soy popd. LS,
	R	BOL	SP	✓			+ calc + Qtz SD,
	A	TEX	AP	✓			TR CUD Lth
	P	RGB	RGS	✓			
	P	GUM	CRT	✓			IN
100-110	A	HAP	SP?	✓			(u) white popd LS + calc +
	R	CIB	ASP	R			Qtz SD + TR Glauc.
	P	RGB	RGS	✓			(w) LAA (inc 90 Qtz
	P	Gum	CRT	✓			SD to ~50%) (S) TR FNA IN
110-120	R	LNT	SP	✓	KXL		(u) Dingy white popd LS + atz
	P	HIX	GBS	✓			+ calc SD + TR Lignite? Cud
	P	GUM	CRT	✓			(w) LAA (S) TR FNA IN
130-140	P	PPD		R	Oysters		(u) v. sandy + silty dingy
	E	ECH	SPN	✓			white limestone + Qtz SD
	O	OST	ASP	R			+ s. it.
	R	CIB	ASP	N			(w) Lt grey v. soy LS. -
	A	HAP	SP?	✓			only TR shL + abundant.
	R	GUT	AP	✓			Qtz SD
	P	HIX	GBS	✓			(S) E CUD FNA + Lignite IN
140-150		FNA +					(u) LAA
	P	RGB	RGS	✓			(w) LAA (S) dec. CUD FNA. IN
150-160	O	OST	ASP	N			(u) Lt grey sandy LS.,
	R	CIB	ASP	N			TR. Glauc.
	A	TEX	ASP	R			(w) v. sandy light grey
	R	GUT	AP	K			popd hash L.S. ETR
	R	LNT	sm	✓	sm		Glauc. - SD is mostly
	R	GTR	SP	✓	indet		MG, subnod. - subms
	A	GAM	SP	✓	?		(S) TR? CUD FNA
	P	GTR	AP	✓	CF BLD		IN

Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
160-170	O	OST	ASP	R			(w) Lt grey v. soy LS + MG
	R	NOD	SP	V			SD subnod - subang
	R	CIB	ASP	A			(w) Lt grey v. soy biochests
	R	ANO	ASP	C			LS, + Abund SD, M-Fc
	A	TEX	ASP	R			subang - subnod.
	R	BOL	ASP	C			(s) no cud fwa
	R	GUT	ASP	N			DIN
	R	LNT	AP	V			note: inc. % fauna,
	P	GTR	ASP	R	indet	POOR PRES.	only scanned - preservation is fair to poor. detri. led examination could yield a good planktic assemblage.
170-180	R	LNT	AP	V			(u) M. grey v. silty SD
	R	CIB	ASP	N			(w) C-FG-SD + N 10%
	R	ANO	AP	R			M-Fc Glauc pellets.
	O	OST	SSP	N			+ TR SHL + LS.
	R	GUT	AP	R			
	P	HXX	GBS	R			
	P	GTR	SP	V	indet		
	P	BOL	SSP	R			IN
180-190		FAA	plus				(u) LAA
	R	DNT	AP	V			(w) LAA E only TR Glauc
	P	GLD	ULT				
	P	PTX	ELG				
	P	RGB	RGB				
190-200	R	CIB	ASP	N			(u) LT grey silty SD + SHL + LS
	R	BOL	SP	V			
	R	ANO	AP	R			(w) "soft" v. soy. LS - SD
	P	HXX	GBS	V			predom M-Fc. + N 10%
	R	LNT	ASP	R			SHL + TR Glauc.
	R	GUT	ASP	R			
	O	OST	ASP	R			
	A	ARB	AP	R			
200-210	G	OST	ASP	N			(u) v. silty M-Fc SD + TR SHL + LS - Lt grey
	R	CIB	ASP	N			
	R	LNT	AP	V			(w) M-VFG-SD + N 10% SHL + LS + TR Glauc.

Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
210-220	R	CIB	ASP	V			(u) LAA
	R	ANO	ASP	V			(w) 50% AP M-VFG, +
	R	LNT	AP	V			50% v. silty + sdy LS,
	O	OST	ASP	R			pale grey + TR GLAUC.
	R	HIX	AP	V			+ PPD SHL FGMS
	A	TEX	SSB	R			
	P	GTR	AP	V	CE BLD		IN
220-230	R	CIB	ASP	V			(u) Melarey v. silty SD
	O	OST	ASP	N			+ TR. PPD SHL FGMS
	R	LNT	AP	R			(w) predom. FG AD +
	R	GUT	AP	V			TR SHL, LS,
	P	HIX	GBS	V			
	P	GTR	AP	V	Indet		
	R	PAL	AP	V			
	R	MAR	AP	V			
	R	PLN	AP	R			
	R	ANO	ASP	R			
	R	BOL	AP	R			DIN
230-240	O	OST	ASP	R			(u) LAA
	R	CIB	ASP	R			(w) FG-SD + TR SHL FGMS +
	R	GUT	AP	V			v. sdy LS
	R	PLN	AP	V			
	P	HIX	AP	R	sm		
	P	GUM	CRT	V			IN
240-250	R	LNT	ASP	V	chalky + ASD		(u) grey sandy siltstone
	O	OST	ASP	R			(w) f-VFG-SD + sm int.
	R	BOL	AP	V			SHL FGMS (abd) + TR LUD
	P	GTR	AP?	V			LTK + TR GLAUC +
	R	CIB	AP	N			pyrite
	R	PLN	AP	R			
	P	HIX	GBS	R			
	P	GUM	CRT	V			
	P	RGB	RGB	V			IN
250-260	R	CIB	ASP	R			(u) LAA + more SD M &
	R	GUT	AP	V			(w) C-VFG Subgrnd SD
	R	BOL	AP	V			ETR SHL + GLAUC +
	P	HIX	GBS	R			VRTR Hematite
	R	NON	AP?	V			
	R	PLN	AP	R			
	O	OST	ASP	R			
	P	GTR	MAI	V			

Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
260-270	R	CIB	APP	R			(u) V-Silty SD C-MG,
	A	DOR	AP	V	Sm		subang
	B	INO	AP *	R	SINGLE PRISMS		(w) C-FG SD subang-
	R	PLN	AP	V			subang + TR SHL FGMS
	P	HXX	GOR	V			+ G-linc + rock FGMS
	R	GTR	AP	V			also TR Lignite in float
	R	BOL	AP	V			
	R	GUT	AP	V			SIN
270-280	O	OST	APP	A			(w) V-Silty FG SD ± TR G-linc
	R	CIB		A			(w) F-VFG Qtz SD + common
	R	ANO		N			calcareous SD + TR SD CG.
	R	BOL		C			forams abund.
	P	GTR	APP	N	incl.		(?MN)
	B	INO		V			<u>note</u> : only a trace amount
	R	BUM	SP?	V			of fauna floated, and
	A	DOR	AP	R			residue was not examined
	R	LNT	APP	R			in detail due to time
	A	ARB	AP	V			limitations. This sample
	R	GUT	AP	V			should be asked for
	R	GTR	AP	V			planktes + representative
	P	PTX	ELG	V			benthic, to determine
	P	HXX	GRS	V			zonation. Planktes are
	P	GTL	AP	V	CF. MON		present but scarce.
280-290	R	CIB	APP	R			(u) V Silty SD C-FG + TR
	R	ANO	APP	R			SAC
	R	LNT	AP	V	brk		(w) C-FG SD subang-
	B	INO	AP	R			subang + TR G-linc
							phosphate + SHL
							SIN - ? cnd FNA
							this SD is definitely
							shallower than
							overlying silt
							also, TR Lignite in float
290-300	R	CIB	APP	R			(u) CAA
	P	HXX	AP	V			(w) C-VFG SD subang-
	P	OST	AP	V			subang + TR G-linc Phos.
							SHL (ogstr) + Lignite in
							float. - possible that
							limited fauna
							here is cnd
							also note - bottom of
							logged interval = 298'
							Last sample = 400'

Depth	Type	Genus	Species	Quant	Comments	Hole	Lithology and other comments
300-310	R	CIB	ASP	R			(u) M-FG silty sd + TR
	A	HAX	GGB	V			ABD SHL
	P	RGB	RGS	V			(u) M-FG AD subang -
	R	PLN	ASP	V			RND + TR SHL FGMS,
	A	DOR	ASP	V			INCL. oysters + TR Lignite in slide - also TR. med brn clay SIN
310-320	R	CIB	ASP	C			(u) LAA - samp slightly
	R	GUL	ASP	R			darker grey
	R	LNT	ASP	V	Am		(u) LAA CTR ASSY dk
	O	OST	ASP	R			MINERAL GRAINS
	R	PLN	ASP	R			? SMN
	R	NOD	ASP	V			
	P	GTR	ASP	V	*		
	R	BUM	ASP	R	Am		
	P	HAX	ASP				
<p>* The 3 specimens of GTR were picked in a very brief scan of the small random split of the 40-80 mesh fraction. They are poorly preserved but tentatively are identified as GTR cf. BLD; GTR FNC, and GTR aff. NTH. This sample merits additional biostrat. analysis as time allows. If IDs are all accurate a late CAMP-early MAJST. age is indicated.</p>							
320-330	R	CIB	ASP	V			(u) Med grey (greenish?)
	O	OST	ASP	R			V. silty predom FG AD +
	R	MAY	SP?	V			chalky shell frags +
	R	LNT	ASP	V	Am		oyster shell frags
	A	CLV	ASP	V			(u) Pred. FG AD + NZ?
	R	AND	ASP	R			SHL + TR AD OG
	A	DOR	ASP	V			
	R	GUL	ASP	V			IN
	P	PUG	ASP	V			
330-340		AAA+	INC 20+				(u) LAA
	A	ARB	ASP	V			(u) LAA 2 sl. inc. 20
	R	GUR	ASP	V			shl + calc debris.
	R	BOL	ASP?	V			DIN

Depth	Type	Genus	Species	Grant	Comments	Hole	Lithology and other comments
340350	R	CIB	ASP	N			(u) M. grey (slightly greenish)
	R	AND	ASP	R			v. silty, shelly predom.
	R	BOL	AP	V			Fine grained SD, TR
	P	GTR	AP	V	CG NTH		Glauc.
	O	OAT	ASP	R			(u) m-fg ad E SHL,
	R	GUT	AP	V			TR. grey clay + Glauc
	P	HMX	ASP	V			IN
350360	A	CLV	AP	V			(u) brownish grey m-fg
	R	CIB	ASP	C			SD - v. silty, SHL
	R	AND	ASP	N			is common
	P	AGL	CRT	V			(u) C-fg SD, lt grey +
		GYR	AP	R			Common SHL FGMS,
		PLN	AP	R			TR PO ₄ + weathered
		GUT	AP	V			glauc. + TR med
	P	GTR	BLD	V			grey clay
	P	GTR	RGS	V			
	R	PUG	AP	V			? DMN

STATE

COMPANY

BW-T-2-70

COUNTY

FARM

WELL NO.

BLOCK

SURVEY

SEC.

T.

R.

TOTAL DEPTH

COMMENCED

COMPLETED

REMARKS

ALTITUDE

PRODUCTION

CASING RECORD

↑ Core
 * Amount of core
 ↓

SHOT

QUARTS

BETWEEN

Kraftbilt 186-B

TULSA 74101

PRINTED IN U.S.A.

NOTE: Lithology from
 cuttings and FAUNA
 Are recorded on A-60
 data forms.

10'

SURFICIAL SAND UNIT

20'

Plio/Pleistocene
 (unradiocarbonated)

30'

40'
 0'21"
 @ 40'

↑ Light grey fossiliferous
 limestone, shell dissolution is
 moderate. Limestone is
 16" moderately sandy. A
 firmly cemented shell hash

50'

* Same as above
 (except lower 2" which are
 same as upper 9" of next
 44" lower sample)

60'

* upper 9" - very calcareous
 very sandy siltstone with
 a few fossils

P.D.

P.D.

* upper 9" - very calcareous
very sandy siltstone with
a few fossils.

18"
Lower 9" medium - dark
grey silty calcareous very
fine grained sandstone.

70'

* Same as above (lower 9")
with very rare traces
of shell.

94"

80'

90'

100'

110'