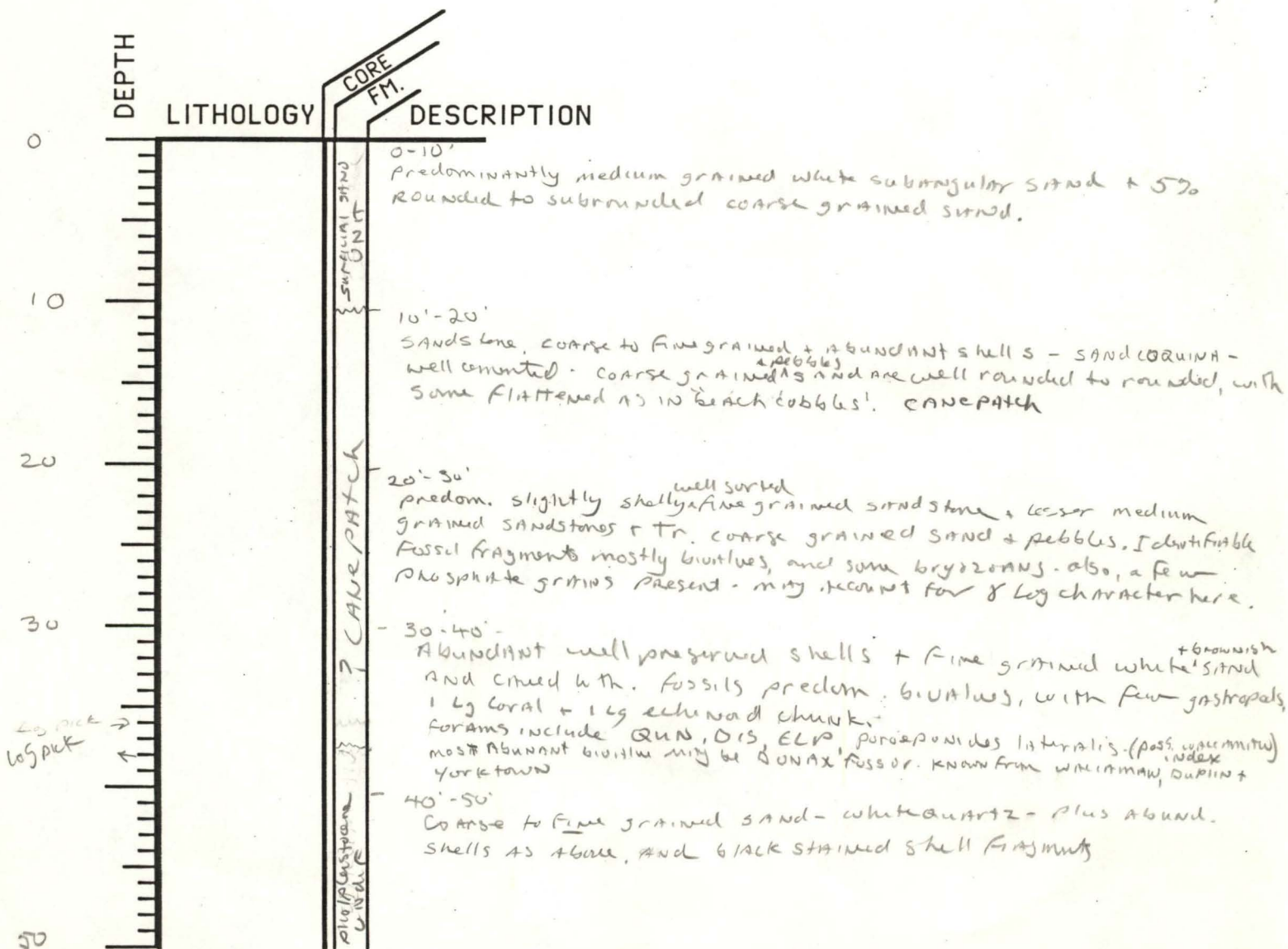


Depth	Type	Genus	Species	Quant.	Comments	Hole	Lithology and other comments
100-110	R	SLC	AP	V			note: only a small % of species + individuals actually floated out of sample.
	R	BLP	ASP	A	CUD		
	R	FIO	ASP	N	?CUD		
	R	DIS	AP	R	CUD		
	R	BOL	AP	V			
	R	BUL	ELS	N	tiny		
	D	DIA	AD	R			
	M	QUN	ASP	N	CUD		
	R	LNT	AP	V	cf AMR		
	R	CIB	AP	V			
	R	TIP	NOD	R		42	
	A	TEX					
	P	GLR	NNA	V		1	
	P	GLB	SLL	V		2	
	P	GLB	PBL	V	Greyi	5	
	P	GLB	ATA	V		3	
	P	GLR	OBS	V		4	
	P	GTD	SUT	V	?	6	
	P	CSG	EPL	V		7	
110-120		NON	SSI	C			
		ELP	SEP	C	?CUD		
		QUN	SSP	N	?CUD		
		CIB	SSP	R			
		DIS	SSP	N			
		AMA	BCI	R	CUD		
		BUL	ELS	N			
		NON		R			
		EPO	SP	V			
		BOB	SSP	R			
		TEX	SP	V			
		NOL	SSP	R			
		GLB	SP		cf ATA	1	
		GLB	SSP		indet.	2	
		GLB	PBL		SL	3	
		GLR	MAY			4	
		GLL	OBS			5	
		CHL	CUB			6	
		CSG	CHP			7	

WELL CODE NH-T-2-85

ELEVATION 22

T.D. 203



50

60

70

80

90

100

Log scale →

110

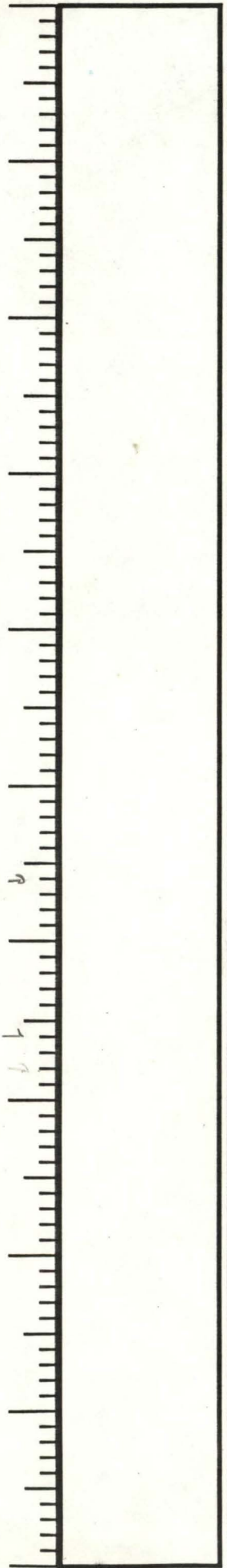
Log scale →

120

130

140

150



Pliocene (undifferentiated)
 Pleistocene
 Holocene

50'-60'
 pale grey sand, medium - very fine grained, WELL CODE NH-T-285
 plus light grey clay + sandy clay. Shells + shell
 fragments common. Forams include; ELP, QUN, DIS, CIB + GLBSP aff O'BS PAGE # 2

60'-70'
 pale grey sandy siltstone - Lg. shell fragments are common
 Forams include QUN + ELP

70'-80'
 pale grey very fine grained sandstone + 2% dark mineral
 grains - mostly phosphate; + small shells - also very
 abundant fine to very fine grained sand

80'-90'
 same as above plus TR. Lt. brown clay + very fine grained sandstone
 with micritic cement

90'-100'
 same as above except dark mineral grains ~5%, also
 ELP present.

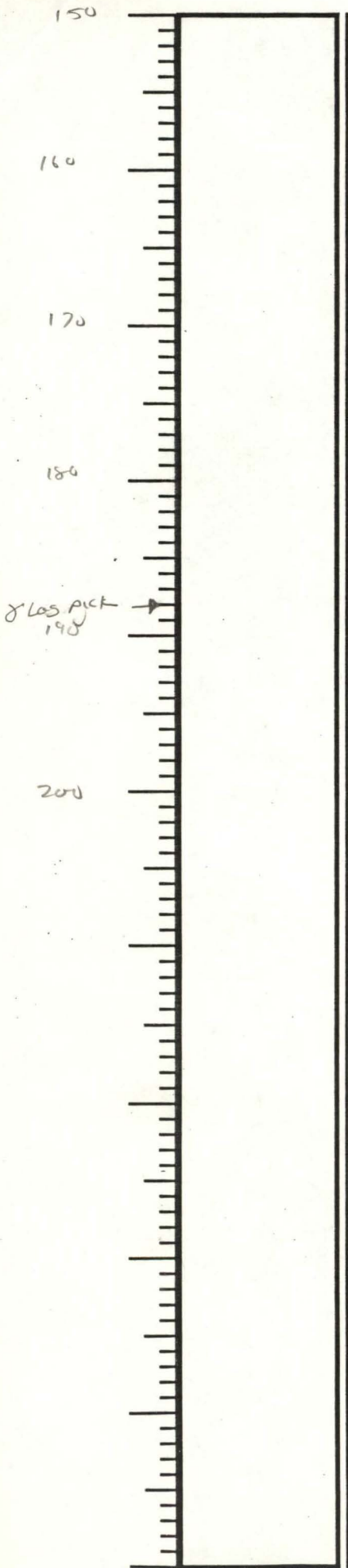
100'-110'
 white, slightly chalky skeletal limestone - bryozoan rich, +
 angular phosphate grains + abundant small lth - also several
 large abraded banded oyster fragments - Oligocene fauna - sparse -
 see attached ruler form.

110'-120'
 same as above + locally abundant glauconite in limestone.
 Microfauna not examined.

120'-130'
 dense white bryozoan + molluscan limestone.
 Forams common, include GYR OCM, LNT, EPO, CIB, DIS, TEX, SPN,
 + Lg tropical belemnites? AMR, CITM etc.

130'-140'
 same as above + TR. glauconite + pyrite
 Forams fauna includes UVG

140'-150'
 50% limestone as above
 10% fine grained slightly phosphatic quartz sand
 35% free sand coarse to fine grained
 5% cement material, - lth + shells



CASPER HAYNO

150'-160'
 Similar to above E; i.e. as sandstone.
 60% SAND
 25% limestone

160'-170'
 limestone, dense, sandy, shelly, + slightly siliceous + pyritic. to
 fine grained sandstone with heavy calcareous cement + some
 coarse grains. (both medium grey to pale grey
 also abundant sand + chert lith.

170'-180'
 dense off white to white limestone. some particles sandy,
 some glauconitic also, chert River bend LS, water worn shells +
 cemented pebbles + sand, coarse grained.

180'-190'
 Sandstone - poorly sorted but mostly fine to medium grained
 with some coarse grains + tan sandy siltstone. + Trace
 weathered phosphate + glauconite. - 5' sample is mostly sand
 forams present include GYROM, SPN DIV, oligocene + neogene forams,
 + GTR NTH + HX GOB - i.e. Pea Dee

190'-200'
 Sample is a mix of most of the lithologies encountered up hole,
 but has no clear identity of its own. - i.e. mixed bottom up.

MILITARY
OCEAN TERMINAL
SUNNY POINT

5
AL FLAT

FEDERAL PT
CEM

WILMINGTON BEACH

FLAT

KURE BEACH

NH-T-2-85

230 55' 231 FT. FISHER 2 MI. 233 INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1973 234000m. E. 77° 52' 30" 3768 3767 3766000m N. 34° 00'



MEAN LOW WATER
1 FEET



QUADRANGLE LOCATION

ACY STANDARDS
INGTON, D. C. 20242
IS AVAILABLE ON REQUEST

MILEAGE
from
Wilmington 8821
TO
ALONG THE RAILROAD =

ROAD CLASSIFICATION

- Primary highway, hard surface _____
- Secondary highway, hard surface _____
- Trails _____
- Light-duty road, hard or improved surface _____
- Unimproved road _____

- Interstate Route
- U. S. Route
- State Route

417
CAROLINA BEACH, N. C.
SW/4 WILMINGTON 15' QUADRANGLE
N3400—W7752.5/7.5

1970

AMS 5452 III SW—SERIES V842