

LN-T-2-85

GRANGERS RES. STA.  
AT DUPONT PLANT

NORTH CAROLINA DEPARTMENT OF NATURAL RESOURCES AND COMMUNITY DEVELOPMENT  
DIVISION OF ENVIRONMENTAL MANAGEMENT

Lithologic Log

Quad No. Q25d11X  
Serial No. LN 1320

Log by: Timmy Hill Date 10-1-85 County LENOIR

Location, Town Kinston - Dupont Plant Lat. 35 19.50 Long. 77 28.50

Owner GW Driller Timmy Hill Date Drilled 10-23-85

Depth 833 ft.: Diam. 4 1/2 in.: Cased to \_\_\_\_\_ ft.: Elev. \_\_\_\_\_ ft. above MSL

Cuttings yes Elec. Log  Gamma Log

Type Log:  Drillers,  Microscopic,  Macroscopic (circle one)

Description	Depth (feet)		Thickness (feet)	Drg. Time (min.)
	from	to		
yellow + orange clay w/ some Blk sand	0	10		5 m
Fine Blk pepper sand	10	20		4 m
Gray clay w/ Rock + shell	20	30		4 hr 30m
Gray clay w/ Rock + shell	30	40		3 hr. 10m
SAME AS ABOVE	40	50		1 hr. 35m
Gray clay w/ Rock + shell some Fine Blk pepper sand	50	60		30m
Gray Sandy clay w/ Blk pepper sand	60	70		18m
Gray Sandy clay w/ Blk Pepper sand at 78'	70	80		10m
Fine to coarse Blk pepper sand	80	90		5m
SAME AS ABOVE	90	100		4m
Gray clay w/ Blk pepper sand	100	110		<del>4</del> 7M
Sandstone layers w/ Fine to med sand	110	120		5 MIN
SAME AS ABOVE Rock at 129	120	130		17m
Fine to med gray sand	130	140		42m
Fine gray sand	140	150		2m
SAME AS ABOVE	150	160		2m
Fine gray sand shell + gray clay	160	170		3m
SAME AS ABOVE	170	180		2m
Fine gray sand shell + gray clay	180	190		4m
gray clay w/ fine gray sand + shell	190	200		3m
SAME AS ABOVE	200	210		5m
gray clay w/ fine gray sand + shell	210	220		7m

Description	Depth (feet)		Thickness (feet)
	from	to	
Gray clay w/ gray sand & Rock	220	230	29m
gray clay w/ gray sand & shell	230	240	5m
Same AS Above	240	250	7m
same AS Above	250	260	4m
gray clay w/ gray fine sand & shell	260	270	6m
SAME AS ABOVE	270	280	4m
SAME AS ABOVE	280	290	6m
SAME AS ABOVE	290	300	4m
gray clay w/ fine sand & shell	300	310	5m
same AS Above	310	320	4m
gray clay w/ fine sand	320	330	10m
gray clay w/ fine sand & white clay	330	340	4m
gray & white clay w/ Fine sand	340	350	4m
Same AS ABOVE	350	360	12m
SAME AS ABOVE	360	370	7m
Fine sand w/ gray clay	370	380	3m
SAME	380	390	4m
SAME	390	400	4m
Same	400	410	1m 30
Gray clay w/ some fine sand	410	420	2m
SAME	420	430	12m
SAME	430	440	5m
<del>med green sand</del> same	440	450	2m
same	450	460	12m
			15

Description	Depth (feet)		Thickne (feet)
	from	to	
med grain sand	460	470	2m
gray clay	470	480	8m
gray clay w/ sand layers.	480	490	5m
med grain sand	490	500	2m 30
SAME AS ABOVE	500	510	2m 30.
SAME AS ABOVE	510	520	3m
med grain sand w/ gray clay	510	530	15m
gray clay w/ med grain sand	530	540	19m
gray clay w/ fine Blk pepper sand	540	550	25m
SAME AS ABOVE	550	560	22m
SAME AS ABOVE	560	570	6m
med grain sand	570	580	2m
various color clays & sands	580	590	8m
SAME AS ABOVE	590	600	8m
SAME AS ABOVE	600	610	8m
SAME	610	620	5m
various color sand & clays	620	630	2m
various color clays & sands	630	640	19m
SAME AS ABOVE	640	650	10m
SAME	650	660	25m
SAME	660	670	12m
various color sands & clays	670	680	4m
SAME AS ABOVE	680	690	4m
various color clays & sands	690	700	11m



