

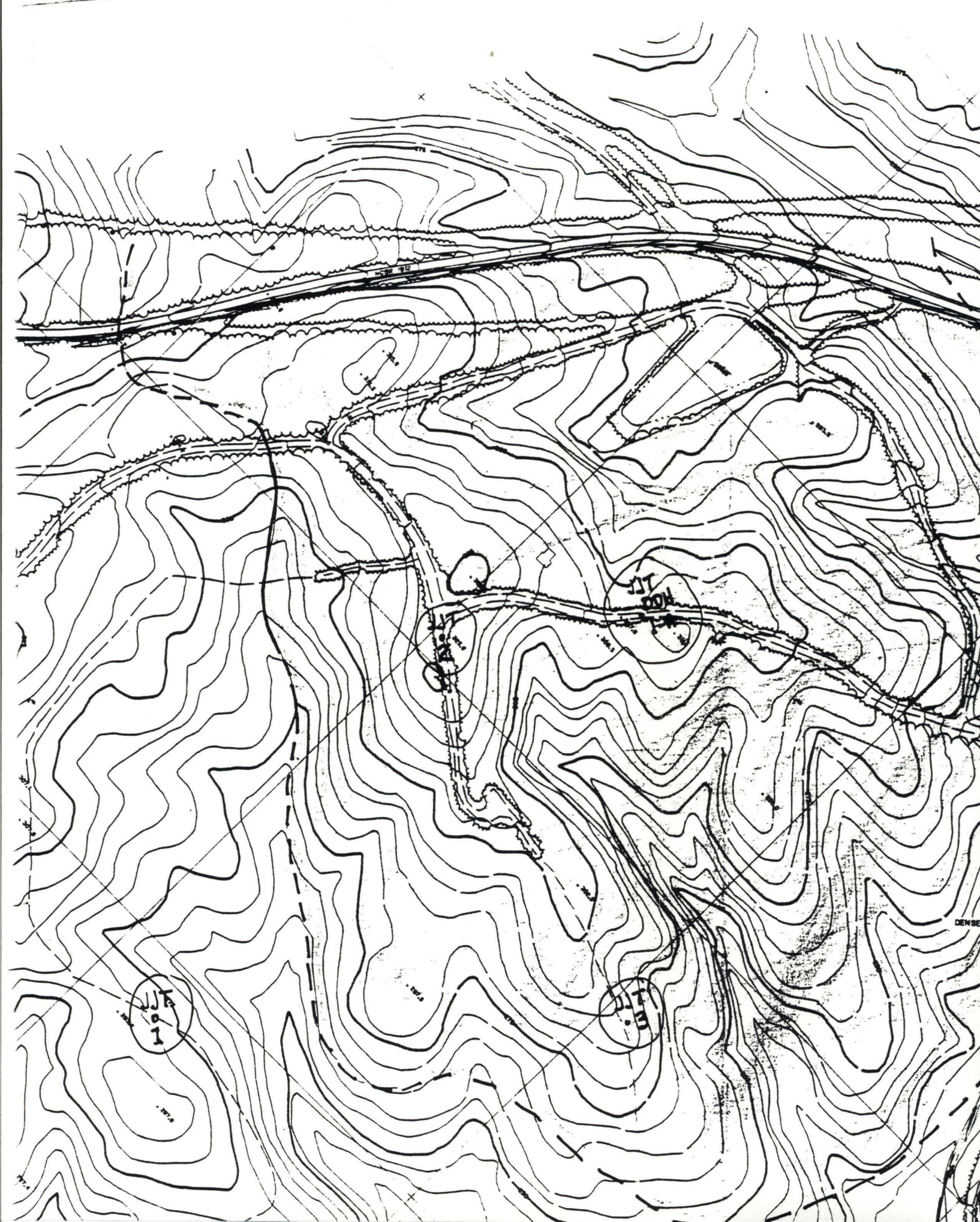
**NELLO L. TEER COMPANY**  
EXPLORATORY DRILL LOG

PROJECT CHATHAM COUNTY SITE  
 LOCATION MONICURE  
 OWNER JUSTICE / OAK CITY REALTY  
 Date start 9-11-89 compl. \_\_\_\_\_  
 Geologist or Suptd. J. IZZELL  
 Driller LONGYEAR (CARO) Helper

Type drill \_\_\_\_\_  
 Bit size \_\_\_\_\_ Casing size \_\_\_\_\_  
 Groundwater Depth \_\_\_\_\_ ft.  
 Static Water Level \_\_\_\_\_ ft.  
 after 48 hrs. \_\_\_\_\_ ft.  
 Water Loss \_\_\_\_\_ ft.

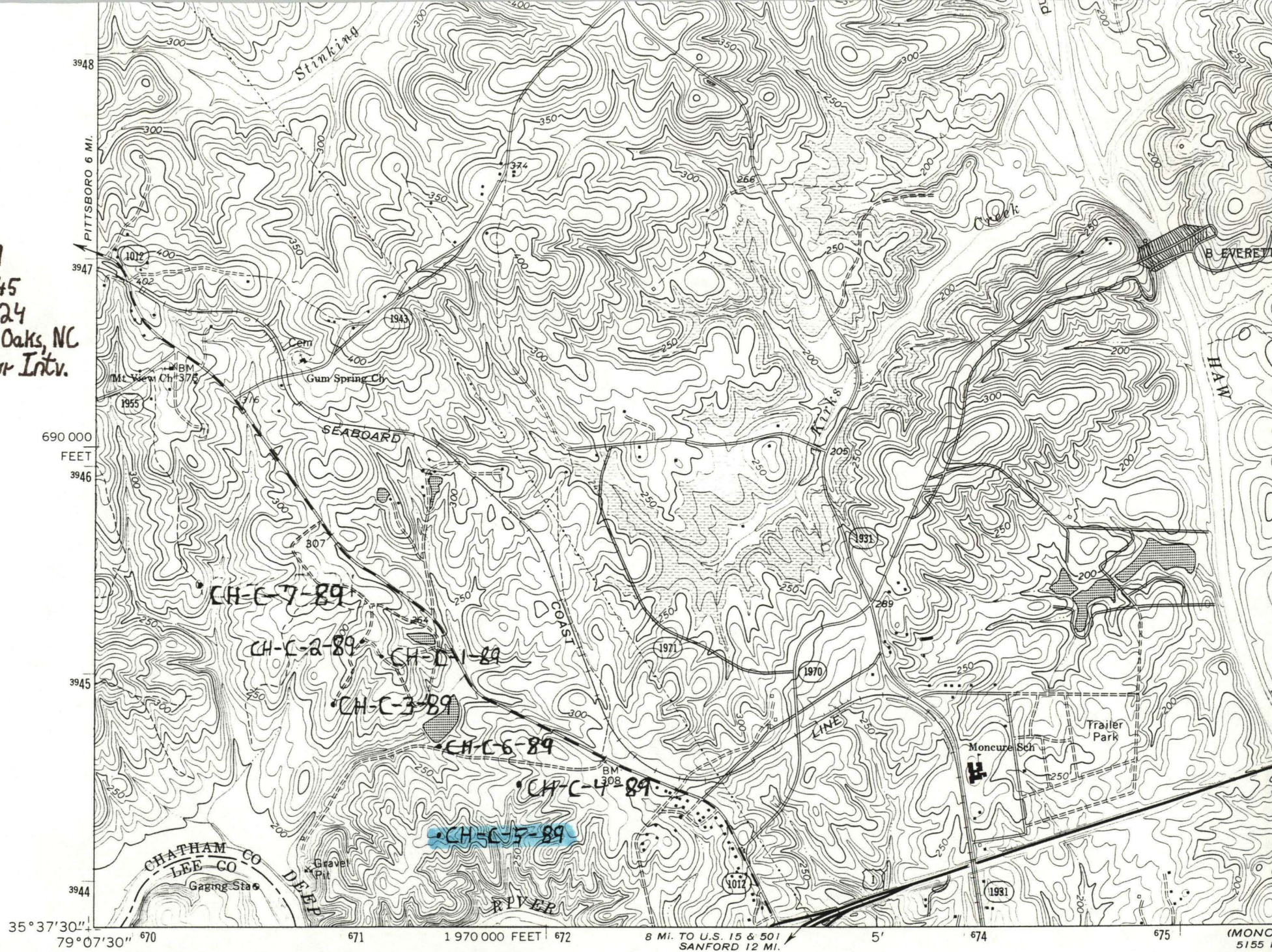
Hole No. WTDDH 5

Strata Thick. ft.	Depth From To	Description	Run No.	Core Rec'y	RQD %
SILT & CLAY 8'	8'	OVERBURDEN - SILT CLAY AND METAVOLCANIC ROCK FRACS TOP OF ROCK 8' CASING AT 8'			
		Box 1 8'-42.5' QUARTZITE (META BASALT?) DARK GRAY MICROCRYSTALLINE, VERY DENSE, VERY HARD. ALMOST 100% QUARTZ WITH OCCASIONAL PLAG. CRYSTAL (TWINNED, <1mm). BREAKS WITH IRREGULAR ALMOST CONCHOIDAL FRACTURE. ALL UP RECOVERED ROCK IS FRESH, NO WEATHERING, NO OXIDE STAINING, BUT ROCK IS VERY BROKEN-UP NO PIECE BIGGER THAN 2" BEFORE 36'. 36'-40': ROCK IS MORE SOLID, OVERALL DENSE, VERY HARD ROCK, BUT BROKEN. DRILLER SAYS THAT THERE SEEMS TO BE SOFT SPOTS IN ROCK, BUT RECOVERED ROCK IS NOT WEATHERED.	8'		0%
LAYERS of HARD ROCK AND LOOSE SILT	↑ Box 1 ↓		17'		
			25'	13%	0%
36'			29'	13%	
			35'	25%	
SOLID ROCK 42.5'			38'	100%	0%
			44'	100%	15%
BADLY BROKEN LITTLE TO NO RECOVERY 48'			48'	75%	0%
			53'	10%	
63' END			55'	50%	0%
			57'	40%	
			59'	40%	
			61'	10%	
			62'	75%	
		→ 9-13-89 - HOLE HAD BEEN CEMENTED AND REDRILLED. THE CEMENT SEEMS TO BE HOLDING THE UPPER WALL. 59'-61' - RECOVERY WAS ONLY A FEW PIECES. 61'-62' - BADLY BROKEN BUT RECOVERY IMPROVED. 62'-63' - VERY LITTLE RECOVERY - ANOTHER BIT USED -END OF HOLE AT 63'			



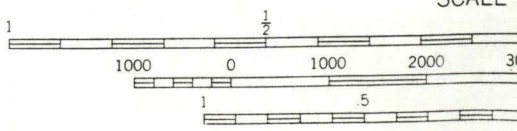


CH-C-5-89  
Lat: 353745  
Long: 790624  
7.5" Merry Oaks, NC  
10' Contour Intv.



35° 37' 30" 11  
79° 07' 30" 670

Mapped, edited, and published by the Geological Survey  
Control by USGS, NOS/NOAA, and North Carolina Geodetic Survey  
Topography by photogrammetric methods from aerial photographs  
taken 1965. Field checked 1969  
Polyconic projection. 10,000-foot grid ticks based on North Carolina



(COLON)  
5155 II SW