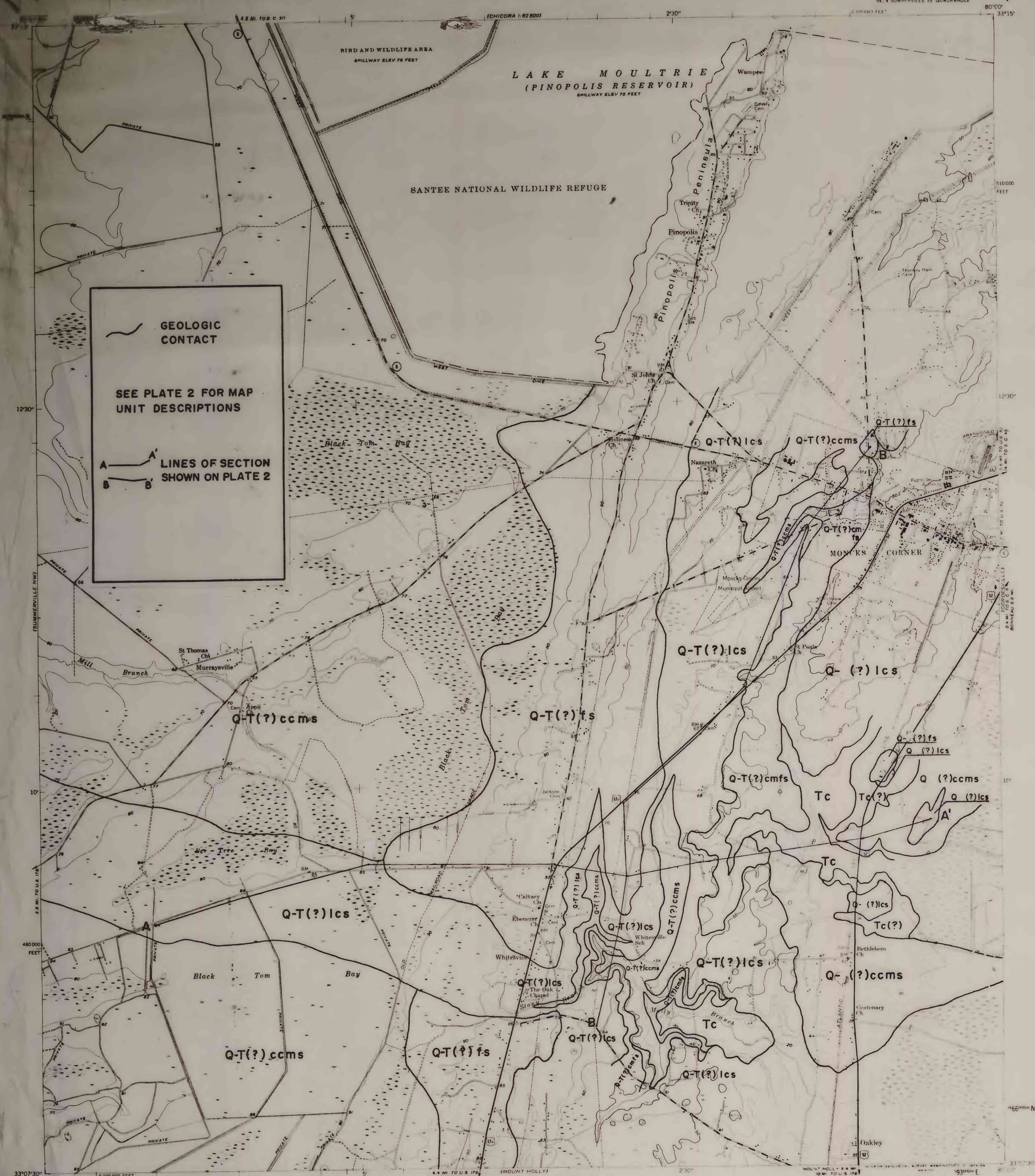


# Plate 1: SURFACE GEOLOGY of the MONCK'S CORNER, S.C. AREA

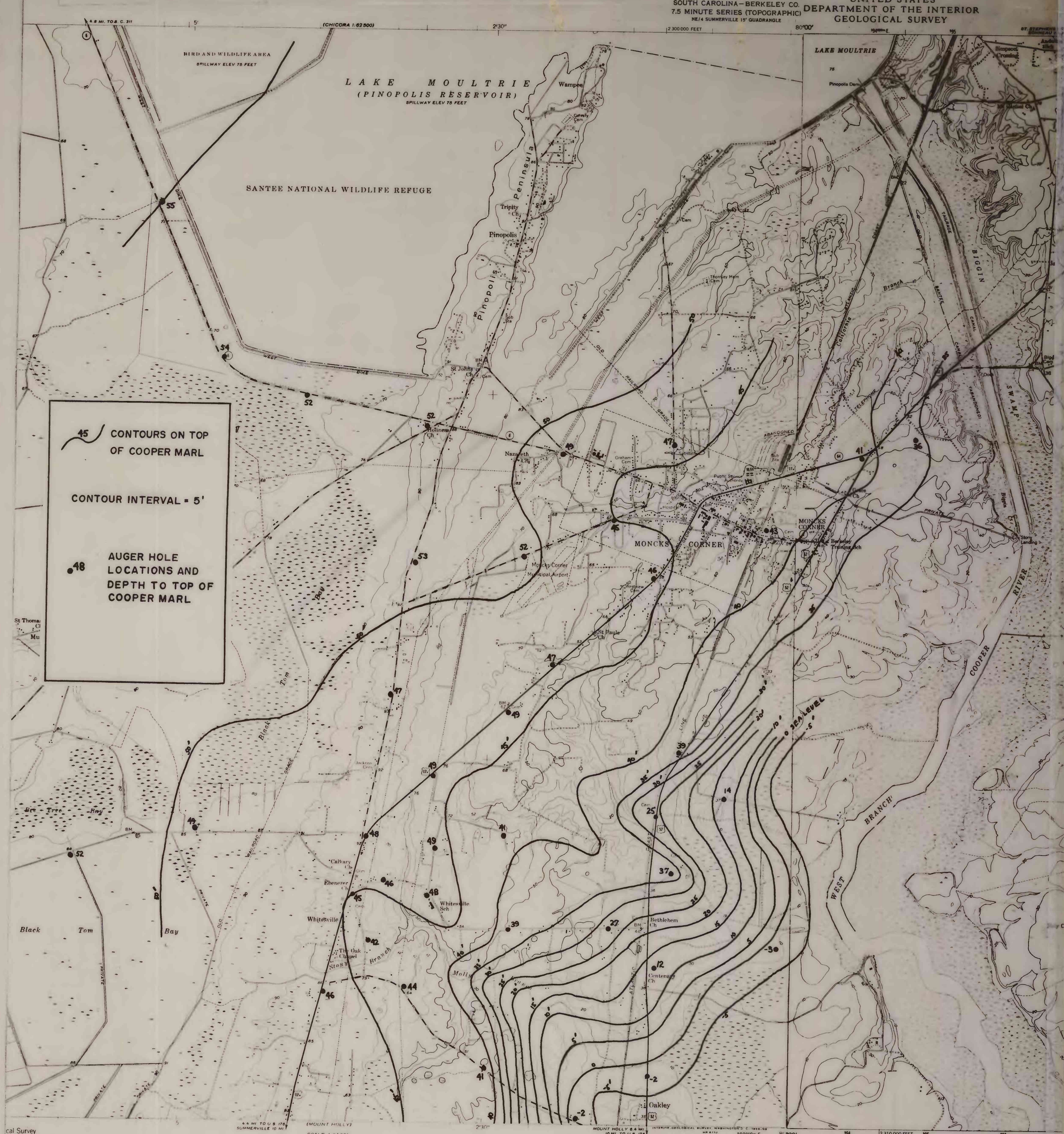


Preliminary surficial geologic map of the Moncks Corner Quadrangle, South Carolina

Geology by Richard Inden  
February 1976

MONCK'S CORNER, S.C.  
NE 1/4 CORNER, T. 12 N., R. 10 E., S. 10 E.

# Plate 3: TOPOGRAPHY on SURFACE of COOPER MARL



Preliminary surficial geologic map of the Moncks Corner Quadrangle, South Carolina

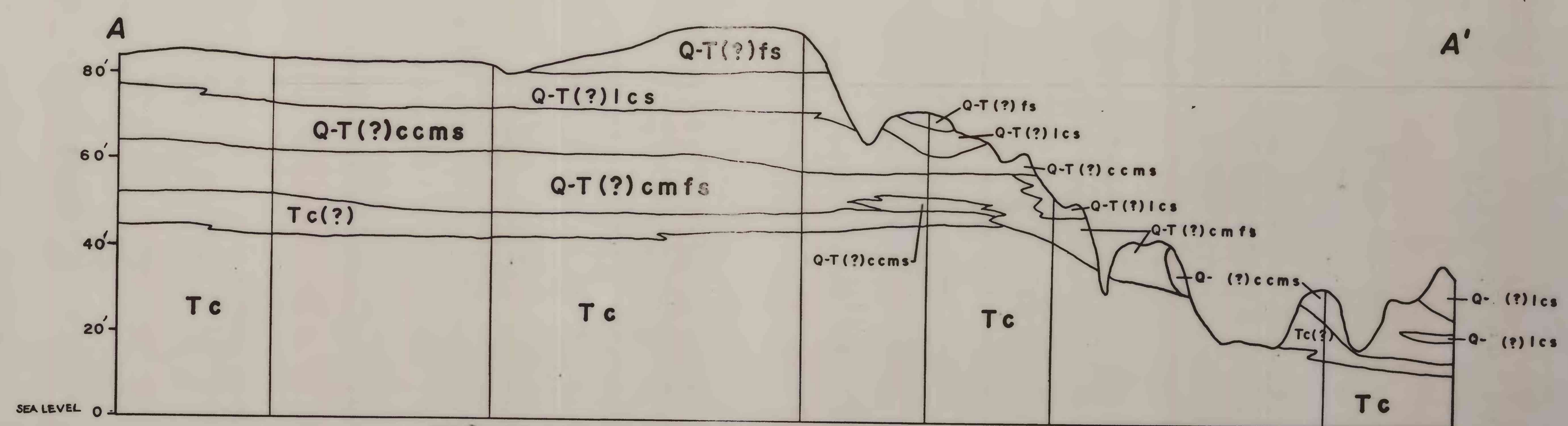
Geology by Richard Inden

February 1976  
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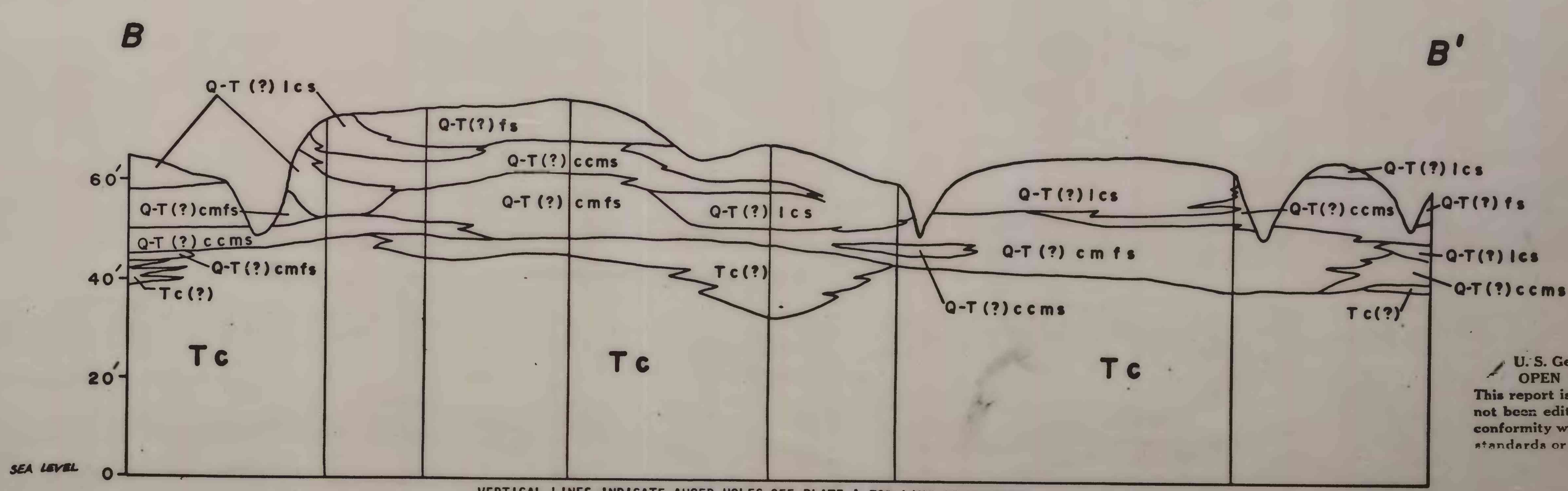
## Plate 2: SHALLOW SUBSURFACE GEOLOGY OF MONCK'S CORNER SOUTH CAROLINA

Preliminary surficial geologic map of the Moncks Corner Quadrangle, South Carolina

QUATERNARY	PLEISTOCENE(?)	TALBOT FORMATION	WHITE-YELLOW WELL SORTED, SUBANGULAR-ROUNDED, FINE SAND; HOMOGENEOUS; CONTAINS WOOD AND TREE ROOTS	Q(?)fs
			INTERPRETED ENVIRONMENT AEOLIAN DUNE - BEACH(?)	
QUATERNARY	PLEISTOCENE(?)	TALBOT FORMATION	YELLOW-GREY LAMINATED CLAY, MINOR SAND LAMINATIONS AND BURROW FILLS: PLANT FRAGMENTS	Q(?)lcs
			INTERPRETED ENVIRONMENT TIDAL FLAT AND HIGH SUBTIDAL	
QUATERNARY	PLEISTOCENE(?)	TALBOT FORMATION	IRON OXIDE STAINED, VERY CLAYEY, MED.-CSE, ANGULAR SAND; FINER GRAINED UPWARD; LAMINATED, TABULAR, AND FESTOON CROSS-BEDDED	Q(?)ccms
			INTERPRETED ENVIRONMENT BRAIDED ALLUVIAL-TIDAL CHANNEL: FAN DELTA	
TERTIARY - QUATERNARY	PLEISTOCENE(?)	WACCAMAW FORMATION	WHITE-YELLOW WELL SORTED, SUBANGULAR-ROUNDED, FINE SAND; HOMOGENEOUS; CONTAINS WOOD AND TREE ROOTS	Q-T(?)fs
			INTERPRETED ENVIRONMENT AEOLIAN DUNE - BEACH(?)	
TERTIARY - QUATERNARY	PLEISTOCENE(?)	WACCAMAW FORMATION	YELLOW-GREY LAMINATED CLAY, MINOR SAND LAMINATIONS AND BURROW FILLS: PLANT FRAGMENTS	Q-T(?)lcs
			INTERPRETED ENVIRONMENT TIDAL FLAT AND HIGH SUBTIDAL	
TERTIARY - QUATERNARY	PLEISTOCENE(?)	WACCAMAW FORMATION	IRON OXIDE STAINED, VERY CLAYEY, MED.-CSE, ANGULAR SAND; FINER GRAINED UPWARD; LAMINATED, TABULAR, AND FESTOON CROSS-BEDDED	Q-T(?)ccms
			INTERPRETED ENVIRONMENT BRAIDED ALLUVIAL-TIDAL CHANNEL: FAN DELTA	
TERTIARY - QUATERNARY	PLEISTOCENE(?)	WACCAMAW FORMATION	BLuish-GREY, CLAYEY, MED.-V. FINE SAND, ANGULAR-SUBANGULAR, RICH MOLLUSCAN FAUNA	Q-T(?)cmfs
			INTERPRETED ENVIRONMENT ESTUARINE - OPEN MARINE	
TERTIARY	OLIGOCENE	COOPER MARL	BUFF-GREYISH WHITE CALCAREOUS SANDY MUD; MINOR MOLLUSKS AND FORAMS; HOMOGENEOUS; MODULAR IN PLACES	Tc(?)
			OLIVE GREEN CALCAREOUS SANDY MUD; HOMOGENEOUS-LAMINATED; MINOR MOLLUSK FRAGMENTS AND FORAMS; MODULAR	



VERTICAL LINES INDICATE AUGER HOLES, SEE PLATE 1 FOR LINE OF SECTION



VERTICAL LINES INDICATE AUGER HOLES, SEE PLATE 1 FOR LINE OF SECTION

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South Carolina (Moncks Corner quad). Surficial. 1:32,000. 1976.