Sc- A- 2-83 Lithology EL. 2280'	age	Drilling	Drilling	Lithology
(described while drilling)	Food	Dalling Time	Remarks	(described from pulled flights)
Orange Sd.	0-5	30 sec	Eary	
Pinkin cly Sd	5-10	aa	aa	
aa	10-15	aa	aa	
Yelsh Sol	15-20	aa	aa	
Yelsh Gry Cly Sol	20-25	aa	aa	
Pankish Cly Sd	25-30	aa	aa	Very moist return
ac (poor bamp, return)	30-35	aa	aa	Relatively dry returns
Prikish Bin Cae Sd (poor pany return)	35-40	aa	aa	Soupey return - water table at 40 ft
aa	40-45	aa	aà	aa
aa w/gravel at 50ft	45-50	cia	aa	Soupy & ald return
It Biswich gravely Sd ( poor samp, return)		- aa	aa	Relatively dry return
Lt Brownik car Sd	55-60	aa	aa	Very songy 5 abd return
aa; gravelly	60-65	aa	aa	Very soupy 5 abd return Relatively dry w/ poor return
It Brownik soly gravel		aa	aa	ald return
aa	70-75	aa	aa	Poor return
aa	75-80	aa	aa	and return
aa	80-85	aa	aa	Poor return; Thight samp taken - at gry to pink Il w/ coe od
No Sample Return	85-90	aa	Eag	
Yelsh Bru sdy gravel	90-95	50 pec	Fairly hard: 91-93	ald return; Thight same, taken - It gry to such I wol and gty webble
aa	95-100	aa	Fairly hard: 96-97	Poor return
No Sample Ketun	100-103	5 min.	Hard	Flight samp. taken - Gry, stiff,
				relatively dry ch w/ com. mic.
	1			
	-			6/24/82
				Begin: 10:00 am
				End: 1:15 pm
				1.5 trailer of sand
	Salvi Vil	A CONTRACTOR	-12 mary 1 mary	The state of the s

Microscopic	Description:	SC-A-2-83
		7/25/83
		RUS

10-15; D Sd: mod or pek (10R 7/4); m-cre gr, strang, mod set gtg; mm wh cl? 15-20; D cly Sol: pale yelsh or (10 4 8 86); cre gr, sbang, mod set gt; com cl, feld, & yelsh Fe ktn; mu ch mic 20-25; D Sol; gryst or (104R 7/4); m gr, stong, mod set gtz; com yelek Fe stu; mm cl, clr mic; ; feld 25-30; D cly Sd: grysh or pel (54R 7/2); m-cre gr, stang, soorly mit gtz; com yelch Fe sta, cl & feld; mm cle mie Sd; grych or (10 4R 7/4); v cre gr, strong, stoorly set gtg; com year fredak Fe stu & feld; mm cl & ch mie 95-100; D Sol: mod or ph (54R 8/4); m-cre gr, strong, poorly set gtz; mm yelch Fe str ? feld; v mm cl; v cle

	Microscopie Description (cont.): SC-14-2-83 7/25/83 RUS
80-85; F	sdy Cl: grych or pkl 10 R 8/2); com f ge gtz & ch mie
90-95;F	sdy Cl: v pale or (10 4k 8/2); com m-f grate, we under gtg sole, ? clr mie
100-105; F	Cl: lt olv gry (54 6/1); mm fgr gtz É cle mie
	Ed Swift #4
	DC Cool & Mindel Resourch



## North Carolina Department of Natural Resources & Community Development

Joseph W. Grimsley, Secretary

Stephen G. Conrad, Director

Telephone 919 733-3833

DIVISION OF LAND RESOURCES

Dear Marvin Bullock

James B. Hunt, Jr., Governor

The North Carolina Geological Survey Section, Department of Natural Resources and Community Development is drilling a number of shallow auger holes in order to gather information about geologic structure and rock type. This information will be used to construct a new State Geologic Map. One or more desirable sites for auger holes are located either within the highway easement across your property or on your property as indicated on the attached sketch map.

Geological Survey personnel would be drilling 6-inch diameter auger holes not more than 105 feet deep with a truck mounted auger rig and accompanying service truck. In some instances geophyical equipment would be lowered down the hole to gather part of the necessary information. When finished all equipment, material, and structures will be removed, cuttings scattered, and the holes permanently plugged in accordance with state regulations. All work will take from less than one day to not more than one or two days, depending on how many holes we are requesting to drill on your right-of-way or your property.

Please indicate your permission for us to do this work by signing and returning this letter to us.

Respectfully,

V 1/1//

Driller-in-Charge

Land Owner (or)

Person in charge of the land

6/16/80

Drilled 6/24/83; SC-A-Z-83



## North Carolina Department of Natural Resources & Community Development

Stephen G. Conrad, Director

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DIVISION OF LAND RESOURCES

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Geological Survey-733-2423; Geodetic Survey-733-3836; Land Quality-733-4574; Earth Resources Planning-733-3833; Box 27687 Raleigh NC 27611-7687 Land Resources Information Service-733-2090