

NELLO L. TEER COMPANY
Exploratory Drill Log

FR-C-1-81
FR-C-1-87

PROJECT JBA DDH#2 PXS #90787
LOCATION Franklin Co., N.C.
OWNER JBA
Date start 9-16-87 Compl. 9-29-87
Geologist or Suptd. OFF/TEC
Driller Patterson Helper Corwin

Type drill Longyear 38
Bit size NQWL Casing size
Groundwater Depth ft.
Static Water Level ft.
after 48 hrs. ft.
Water Loss 64.0 ft.

Hole No. DDH#2

Strata Thick.ft.	Depth From To	Description	Run No.	Core Rec'y	RQD %
	0	Topsoil-sandy silt - 14"			
	5'	Crunchy Saprolite 8" thick			
	10'				
	12'	Crunchy saprolite 8" thick			
	14'	14'- 19' Firm layer of saprolite			
30'		Heavily weathered saprolitic SAND 19'-30'			
	20'				
		Consolidated rock at 30'			
	30'				
	32'	Begining of Core			
		Granite, pink fine to med. grain with hypidiomorphic texture; weathered zones 35.2-35.4', 37.6-38', 41.2-41.4'; Core loss 38.7'-39.4'; Pegmatite 40'-42.9', K-spar	1	9.3'	88.5%
	40'				
	42' EOR	biotite, muscovite, and pyrite			
		Granite as above; weathered zones @ 43.9' -44.3'; weathered along vertical fract. 44.6'-50.4'; Pegm. K-spar, Qtz, Biotite 49.8'-50.4'	2	8.5'	90.0%
	50'				
	50.5 EOR	Biotite Granite as above	3	10.4'	96.0%
		45° angle fract. @ 51.6', 52.8', 57.8'; Vert fract. 53.1'-55.1' & 59.0'-60.4', weathering noted along fractures			
	60'				
	60.9 EOR				
	64' EOR	Bit failure at 64' - Time out 12:55	4a		
		Granite 60.9-64'			
		Restart 3:15; Granite as above, core loss @ 67.6' of 3" & 68.7' of 3"	4b	7.5	73.0%
	70'				
	72' EOR	Vert. and 45° angle fractures throughout			
		Granite, fine to med. grain, pink weathered 79.5 to 79.7'; Peg- 3/4" thick @ 77.8', Smokey Qtz, K-spar	5	9.1	98.3%
	80'				
	81.1'	End of core run = EOR			

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Strata Thick.ft.	Depth From To	Description	Run No.	Core Rec'y	RQD %
	81.1 EOR	Granite, fine to med grain exhibiting some hypidiomorphic texture; biotite -qtz fract. filling @ 81.2' to 81.8' @ 10° ang off vertical; Fract. zone 83.7' to 86.4' & 88.4' to 91.2'; horiz. fract. across core	6	10.1'	99.5%
	90.0'				
	91.2 EOR	Granite, pink fine to med grain with hypidiomorphic texture; Fract. zone 93.7' to 99.0'; horiz. fract. approx. every 7" Fract. @ 98.0' & 100.5' both angled 30° measured off vertical; heavy hornblende concentration 98.' to 101.65':	7	10.05	95.2%
	100.0'				
	101.25 EOR	Granite as above, hypidiomorphic texture very distinct to 112.4': fine to med., tan-brn/wh 112.4-116.6';	8	10.25	73.6%
	110.0'				
	111.5 EOR	Hornblende mass at 115.3'; from 116.6' to 121.2' heavy "Salt & Pepper" look; large K-spar X-tal @118.1'	9	10.0	70.5%
	120.0'				
	121.5 EOR	Granite; hypidiomorphic texture 121.2 to 122'; 122' to 126.7'-fine to med. with large K-spar @124.0': Pegmatite 3/8" in thickness at 130.4'	10	5.2	92.3%
	126.7' EOR				
	130.0'	Granite fine to med. "salt & pepper" look very abundant hornblende, hypidiomorphic in sections; small pegmatites @ 132.1, 132.8', 136.5', 137.0', & 139.0'	11	4.8	100%
	130.5 EOR				
	140.0'	Granite, 3" pegmatite @ 143.4' cutting across core at 40° angle off horiz. 1/2" pegmatite @ 146.5'; hypidiomorphic text. very evident 143.6'-149.8'	12	10.0	100%
	140.5 EOR				
	150.0'	Whole length of core flexes; 1" max vert. rise in 10' run: Granite, fine grained to 156.5'; 156.5' to 160.5' hypidiomorphic texture with less hornblende; 4" pegm. @ 156.7' cutting core at 45° angle; hornblende mass @151.4'	13	10.0	100%
	150.5 EOR				
	160.0'		14	10.0	100%
	160.5 EOR				

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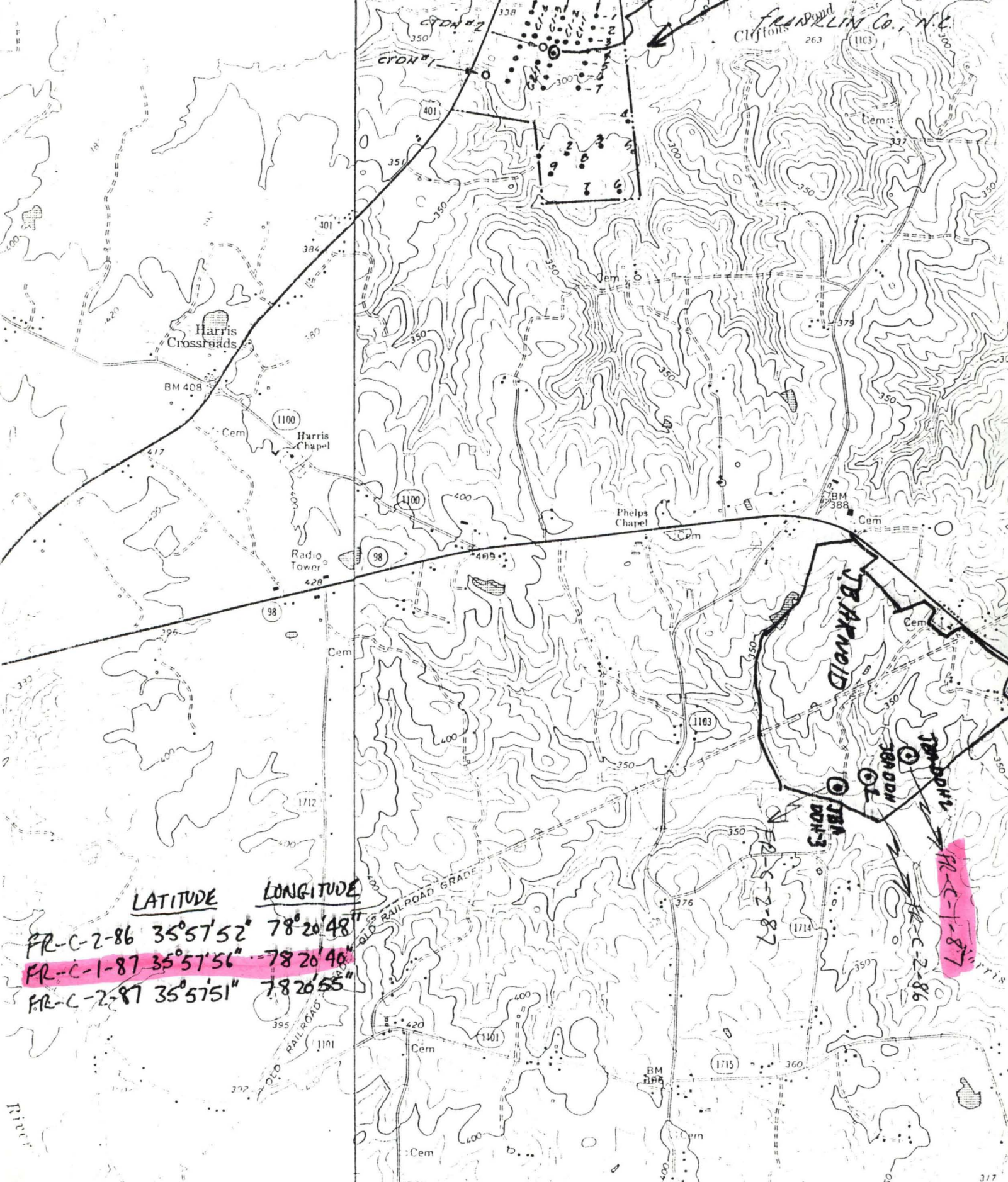
Strata Thick.ft.	Depth From To	Description	Run No.	Core Rec'y	RQD %
	250.5 EOR 252.5 EOR	Granite with pegmatite at 252.0' End of boring - 252.5' 9-29-87	24	2.0	100%

LATITUDE - 35°57'51"
LONGITUDE - 78°20'55" } FR-C-3-85

FR-C-3-85
BunnWest

7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY

725 1870000E 736 78 2'30" 7370000E 738



JAMES CORRIN TRACT
FRANKLIN Co., N.C.
Clifton 263 (1103)

LATITUDE LONGITUDE

FR-C-2-86 35°57'52" 78°20'48"
FR-C-1-87 35°57'56" 78°20'40"
FR-C-2-87 35°57'51" 78°20'55"

FR-C-2-87
FR-C-1-87
FR-C-2-86

River