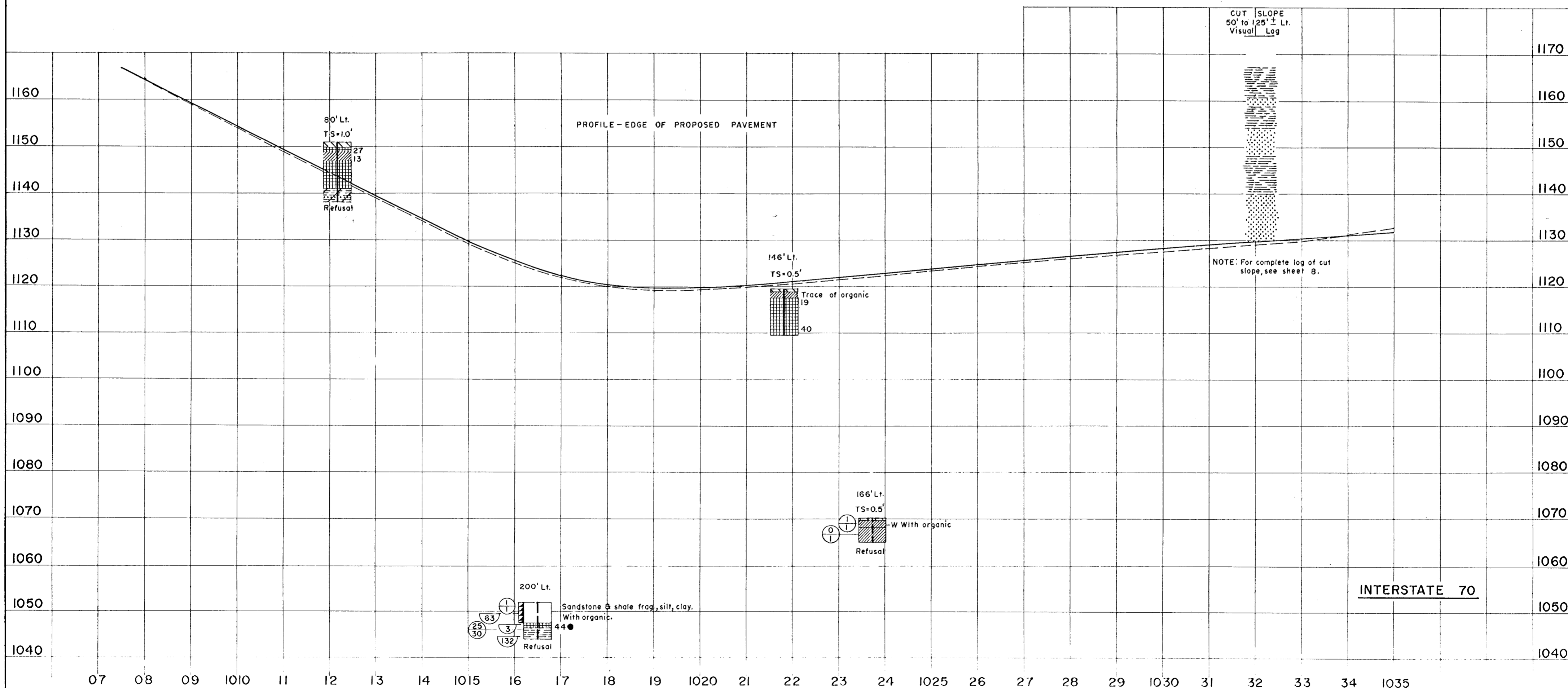
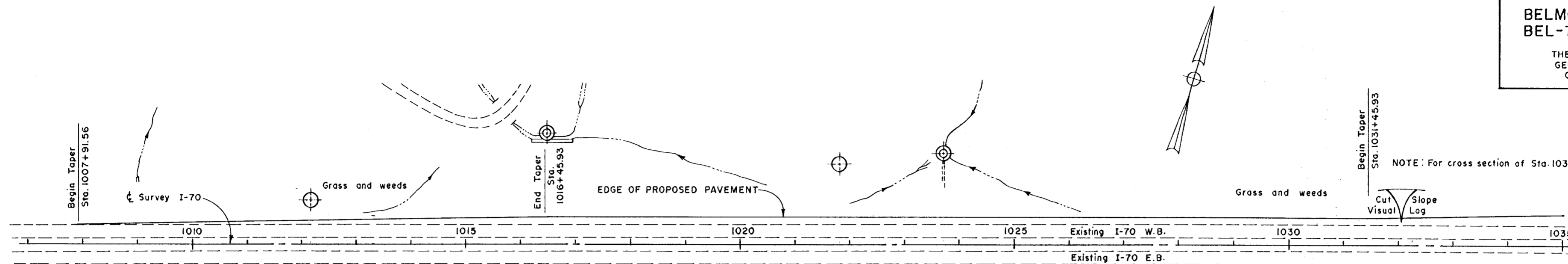


SOIL PROFILE
BELMONT COUNTY
BEL-70 - 20.00

THE H. C. NUTTING COMPANY
GEOTECHNICAL ENGINEERS
CINCINNATI, OHIO 45226



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THE H. C. NUTTING COMPANY

GEOTECHNICAL AND TESTING ENGINEERS

SINCE 1921

4120 AIRPORT ROAD • CINCINNATI, OHIO 45226 • TEL. 513-321-5816

"AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC, AND OURSELVES, ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AND AUTHORIZATION FOR PUBLICATION OF STATEMENTS, CONCLUSIONS, OR EXTRACTS FROM OR REGARDING OUR REPORTS IS RESERVED PENDING OUR WRITTEN APPROVAL."

TEST BORING REPORT

5-10-77 js

CLIENT W.E. Quicksall & Associates, Inc. ORDER No. 7877.4
 PROJECT I-70/Banfield Road Interchange Phase II, HOLE No. 38
Belmont County, Ohio
 LOCATION Sta. 1016+50, 200Lt.
 DRILLER Jerry Mitchell DRILL No. 33 DATE STARTED 4-7-77
 ELEVATION REFERENCE Estimated from contours DATE COMPLETED 4-7-77
 CASING: DIAMETER 2.25" I.D. Hollow Stem Auger HAMMER WT. FALL
 SAMPLER: DIAMETER & TYPE 2" O.D. Split Spoon HAMMER WT. 140# FALL 30"
 DEPTH TO WATER: IMMEDIATE 0.0' UPON COMPLETION 0.0'
 DEPTH TO WATER DAYS AFTER COMPLETION Backfilled WATER USED IN DRILLING NO

ELEVATION	DEPTH	DESCRIPTION OF MATERIALS	SAMPLE No.	SAMPLE DEPTH	TYPE OF SAMPLE	BLOWS PER 6" ON SAMPLER or % Core Rec.	Recovery
1052.0	0'						
		4.5' Brown sandstone and shale with organics, silt and clay (fill) wet - very loose to very dense	1	0-1.5	SS	1-1-1	18"
			2	2.5-3.0	SS	63	6"
1047.5	4.5'	1.0' Gray clay with organics, very moist - soft (A-7-6) (9)	3	5.0-5.5	SS	3	6"
1046.5	5.5'		4	5.5-6.5	SS	25-30	6"
		2.5' Gray soft shale	5	7.5-8.0	SS	- 132 -	6"
1044.0	8.0'	Refusal at 8.0'					
		BORING COMPLETED					

Respectfully submitted,

THE H. C. NUTTING CO.

Samples recovered from this test boring are available for inspection, which is strongly recommended. The company assumes no responsibility for interpretations made by others of load bearing, stability, excavating or other physical characteristics of materials penetrated in the boring.

By