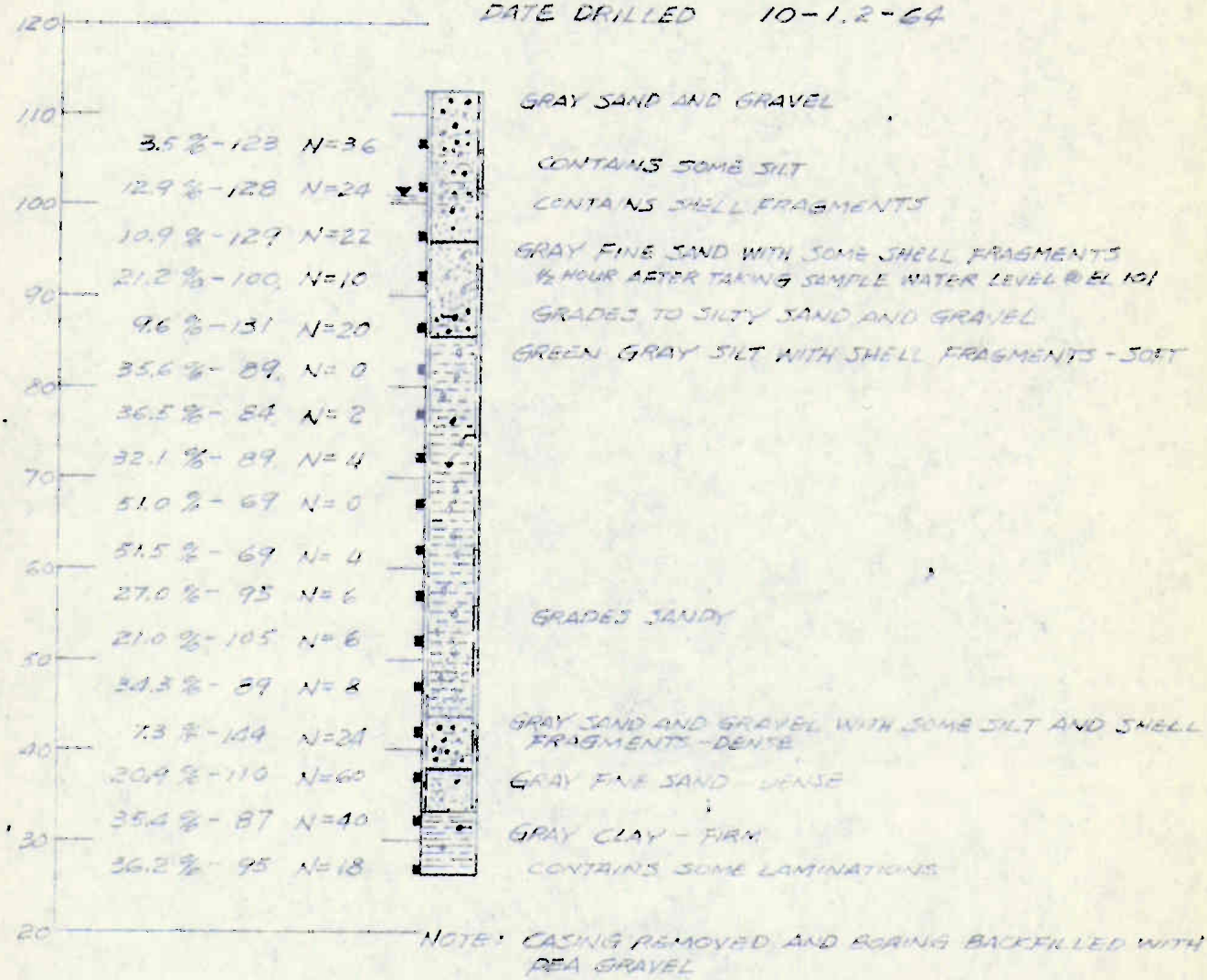
CALCULATION SHEET

METROPOLITAN ENGINEERS
SEATTLE, WASHINGTON

BORING B6

ELEVATION 112.4
DATE DRILLED 10-1.2-64



NOTE: CASING REMOVED AND BORING BACKFILLED WITH PEA GRAVEL

DATE	BY	JOB NO.	TITLE	PLATE
	CHW	WZIDE	LOG OF BORING	8

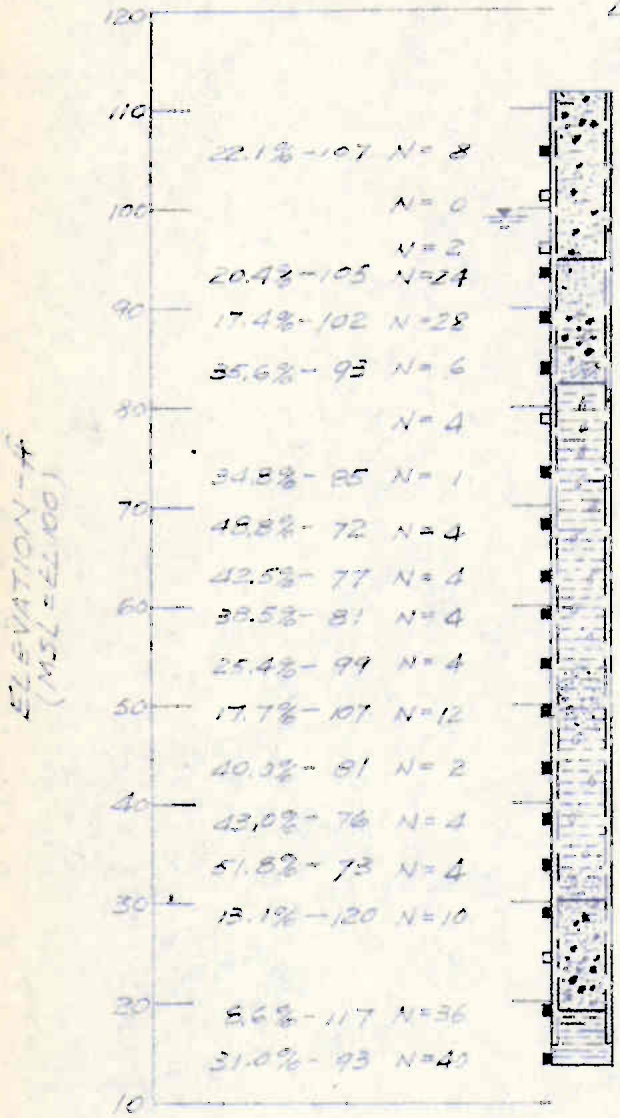
CALCULATION SHEET

METROPOLITAN ENGINEERS

SEATTLE, WASHINGTON

BORING B7

ELEVATION 111.9
DATE DRILLED 10-6, 7, 8-64



BROWN SILTY FINE SAND, SILT AND GRAY SILTY FINE-MED SAND. SOME GRAVEL (FILL)

LAYERED GRAY FINE SAND SILTY FINE SAND AND FINE-MED SAND (SEE NOTE 3)

CONTAINS SOME GRAVEL, WOOD AND SHELL FRAGMENTS

GREEN GRAY SILT WITH SHELL FRAGMENTS-SOFT

SANDY

CONTAINS SILTY FINE SAND LAYER OR POCKETS

GRAY SILTY SAND WITH SOME GRAVEL AND SHELL FRAGMENTS, AND GRAY SAND AND GRAVEL
CASING AND BORING @ EL24. OVERNIGHT W.L @ EL 99

GRAY CLAY - FIRM

NOTES:

(1) TWO PIEZOMETERS, 6" POROUS STONES WITH ½" ID PLASTIC RISERS WERE INSTALLED IN THE HOLE, ONE @ EL.22 AND THE OTHER @ EL.82

(2) CASING WAS REMOVED AND BORING BACKFILLED WITH PEA GRAVEL BETWEEN EL 14 AND 22, EL 37 AND 82, AND EL 97 AND 112, WITH FINE SAND BETWEEN EL 22 AND 37, AND EL 82 AND 97, AND WITH TWO SACKS OF CEMENT @ EL 54.

(3) AFTER TAKING SAMPLE WATER LEVEL @ EL 99, HALF AN HOUR LATER, NO CHANGE IN W.L.

DATE	BY	JOB NO	TITLE	PLATE
	CHW	W210E	LOG OF BORING	9

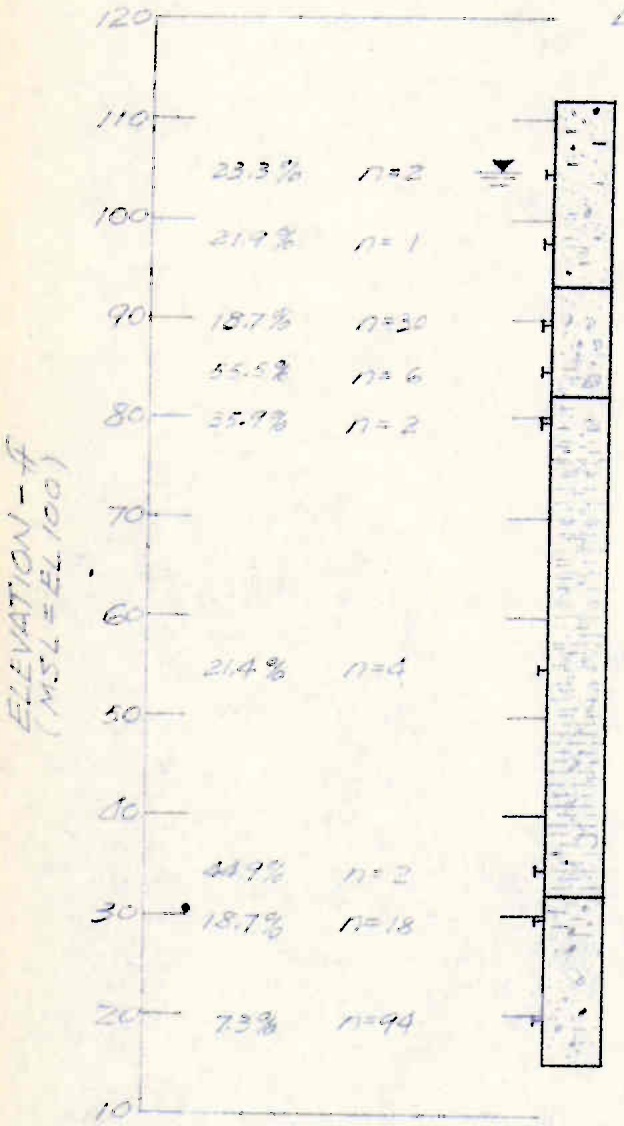
CALCULATION SHEET

METROPOLITAN ENGINEERS

SEATTLE, WASHINGTON

BORING B8

ELEVATION 111.9
DATE DRILLED 3-23-65



BROWN SILTY SAND WITH OCCASIONAL GRAVEL (FILL) - LOOSE

GRAY

GRAY FINE AND FINE-MED SAND WITH SHELL FRAGMENTS
SOME GRAVEL
SILTY. SOME WOOD

GRAY SILT AND VERY FINE SANDY SILT WITH SHELL FRAGMENTS - SOFT

CONTAINS SILTY FINE-MED SAND

GRAY SAND AND GRAVEL AND GRAY FINE-MED SAND WITH SHELL FRAGMENTS - DENSE

NOTES: (1) BORING @ EL 90 1 HOUR AFTER TAKING SAMPLE; WATER LEVEL @ EL 105

(2) BORING WAS DRILLED WITH 4" HELICON CORE AUGER AND SAMPLES WERE TAKEN WITH 2" OD SPLIT SOOON SAMPLER.

(3) n INDICATES STANDARD PENETRATION, BLOWS PER FOOT, DRIVING WEIGHT = 140 lbs, FALLING DISTANCE = 30 INCHES.

(4) AFTER COMPLETION BORING WAS BACKFILLED WITH NATIVE MATERIAL AND WAS PLUGGED WITH BENTONITE AND CEMENT GROUT BETWEEN EL 77 AND EL 87

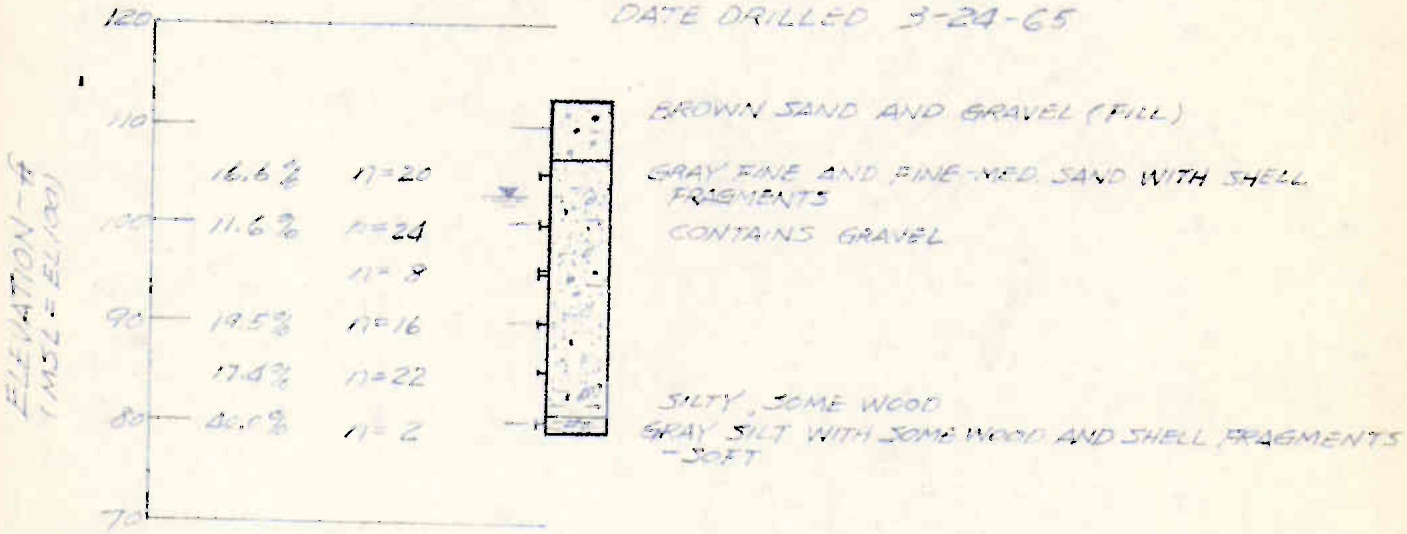
DATE	BY	JOB NO.	TITLE	
	CHW	W210E	LOG OF BORING	PLATE 10

CALCULATION SHEET

METROPOLITAN ENGINEERS
SEATTLE, WASHINGTON

BORING 89

ELEVATION 112.5
DATE DRILLED 3-24-65



NOTES:

(1) ⊢ SAMPLES TAKEN WITH 2" OD SPLIT SPOON SAMPLER

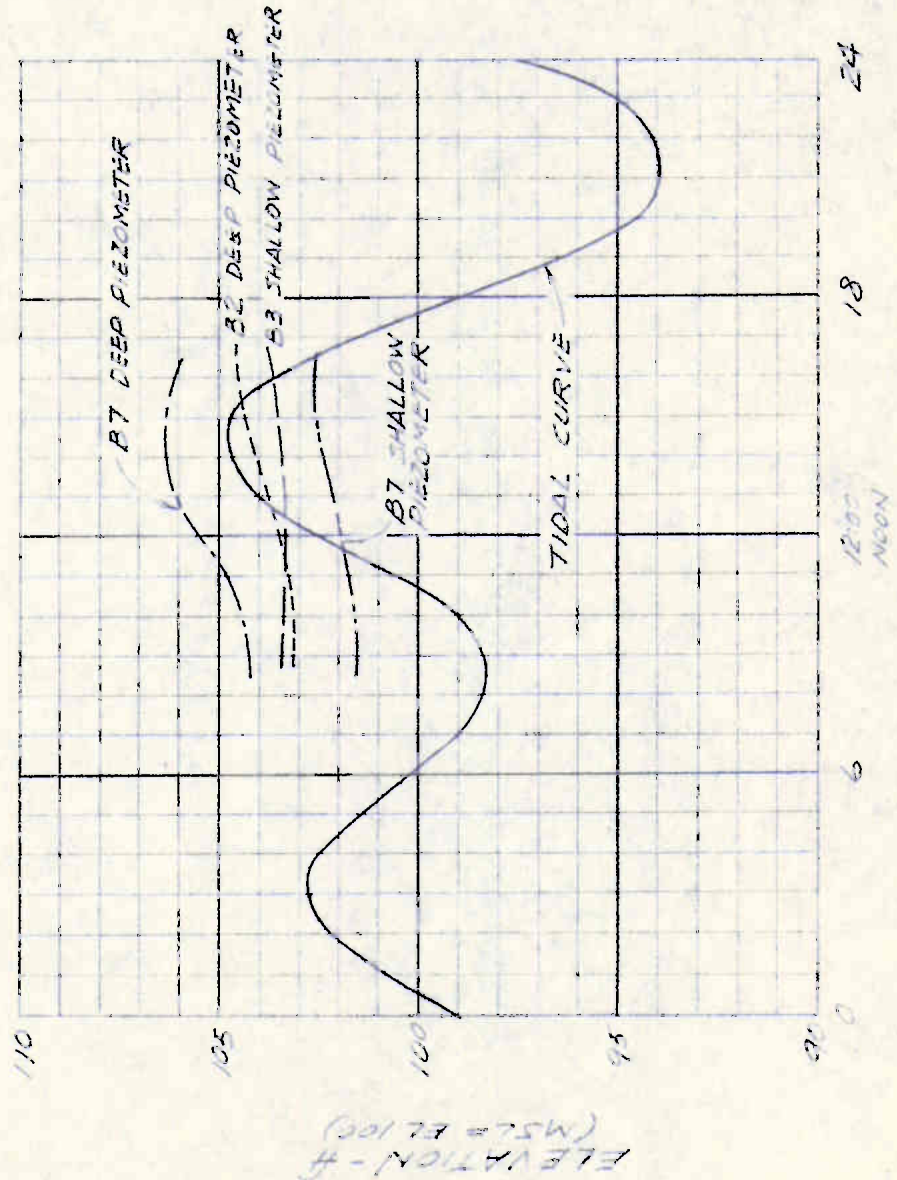
(2) ⊢ SAMPLE MISSED

(3) AFTER COMPLETION BORING BACKFILLED WITH NATIVE MATERIAL

DATE	BY	JOB NO.	TITLE	PLATE
	CHW	N210E	LOG OF BORING	11

CALCULATION SHEET

METROPOLITAN ENGINEERS
SEATTLE, WASHINGTON

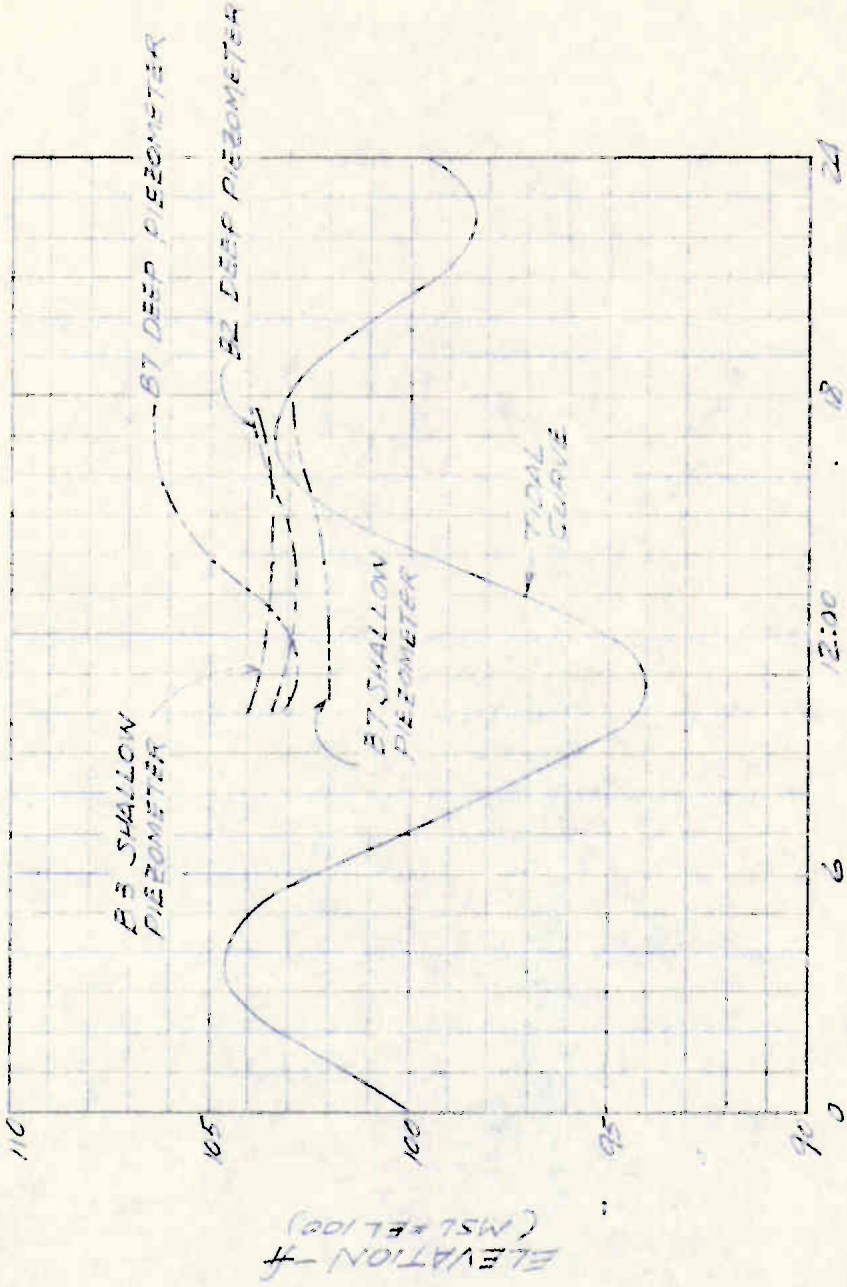


TIDAL AND MEASURED GROUND WATER CURVES
(NOVEMBER 17, 1964)

DATE	BY	JOB NO.	TITLE	
	CHW	W210E	GROUND WATER READING	PLATE 12

CALCULATION SHEET

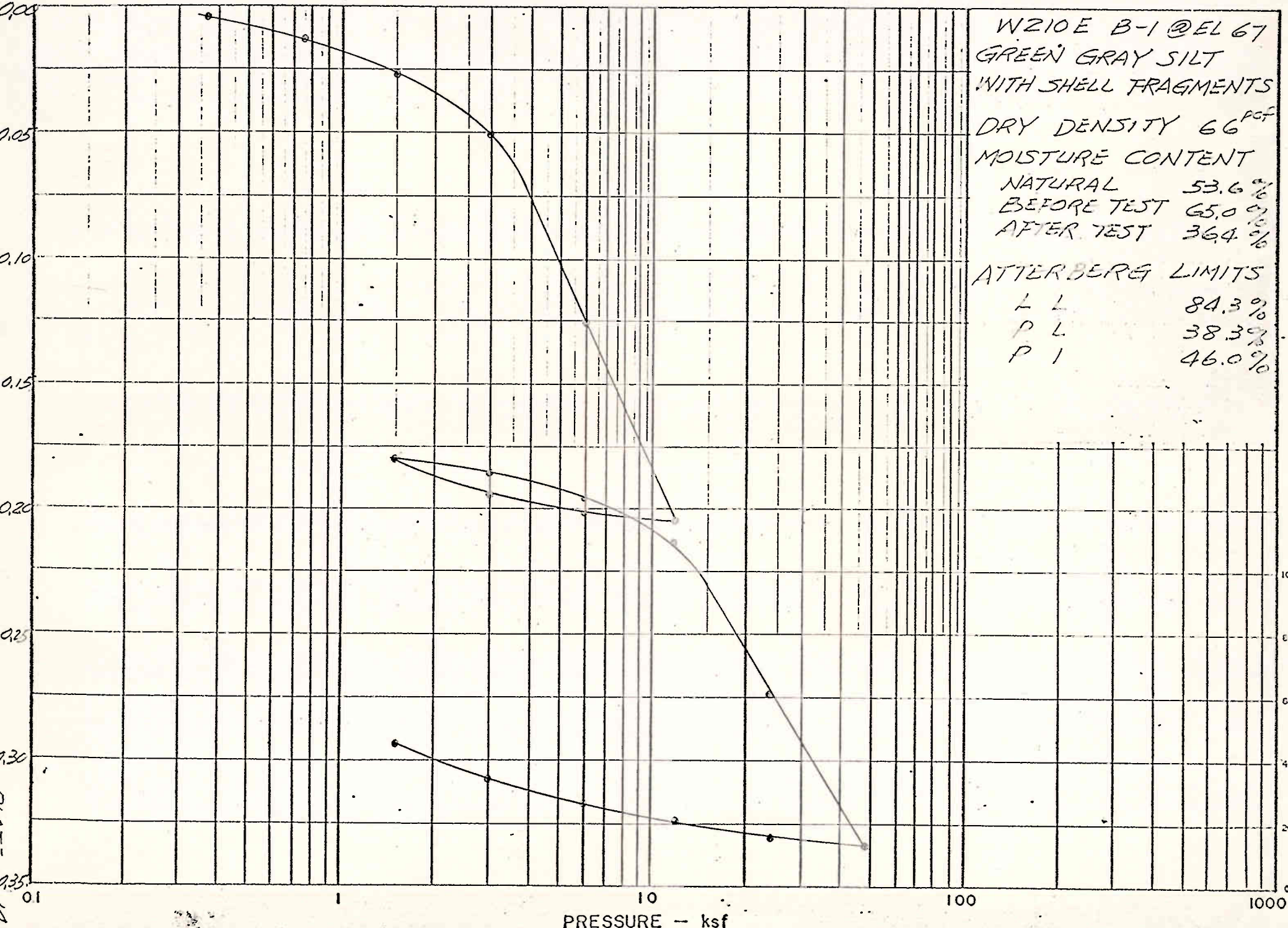
METROPOLITAN ENGINEERS
SEATTLE, WASHINGTON



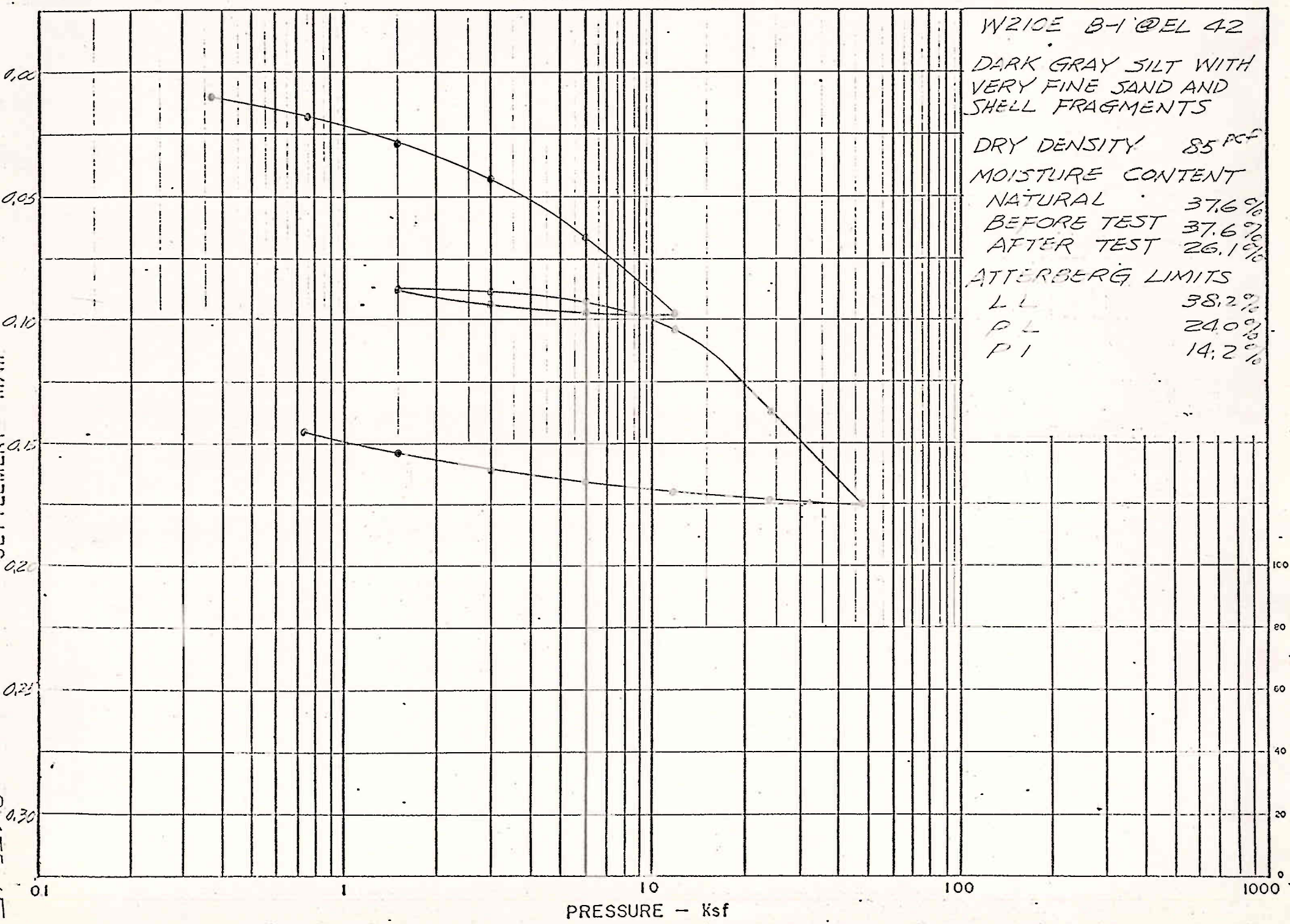
TIDAL AND MEASURED GROUND WATER CURVES
(MAY 13, 1965)

DATE	BY	JOB NO.	TITLE	PLATE
	CHW	W210E	GROUND WATER READING	13

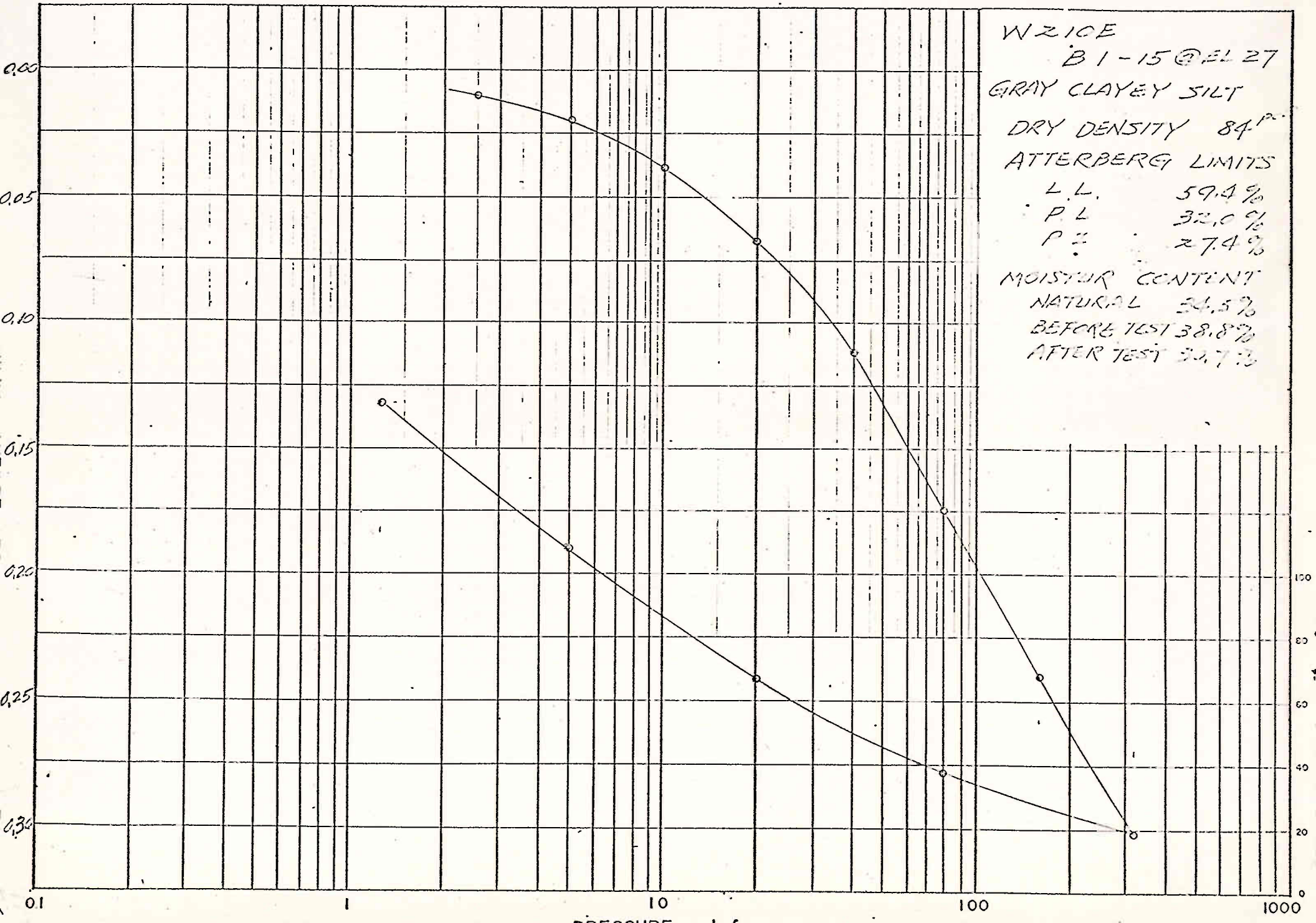
CONSOLIDATION CURVE



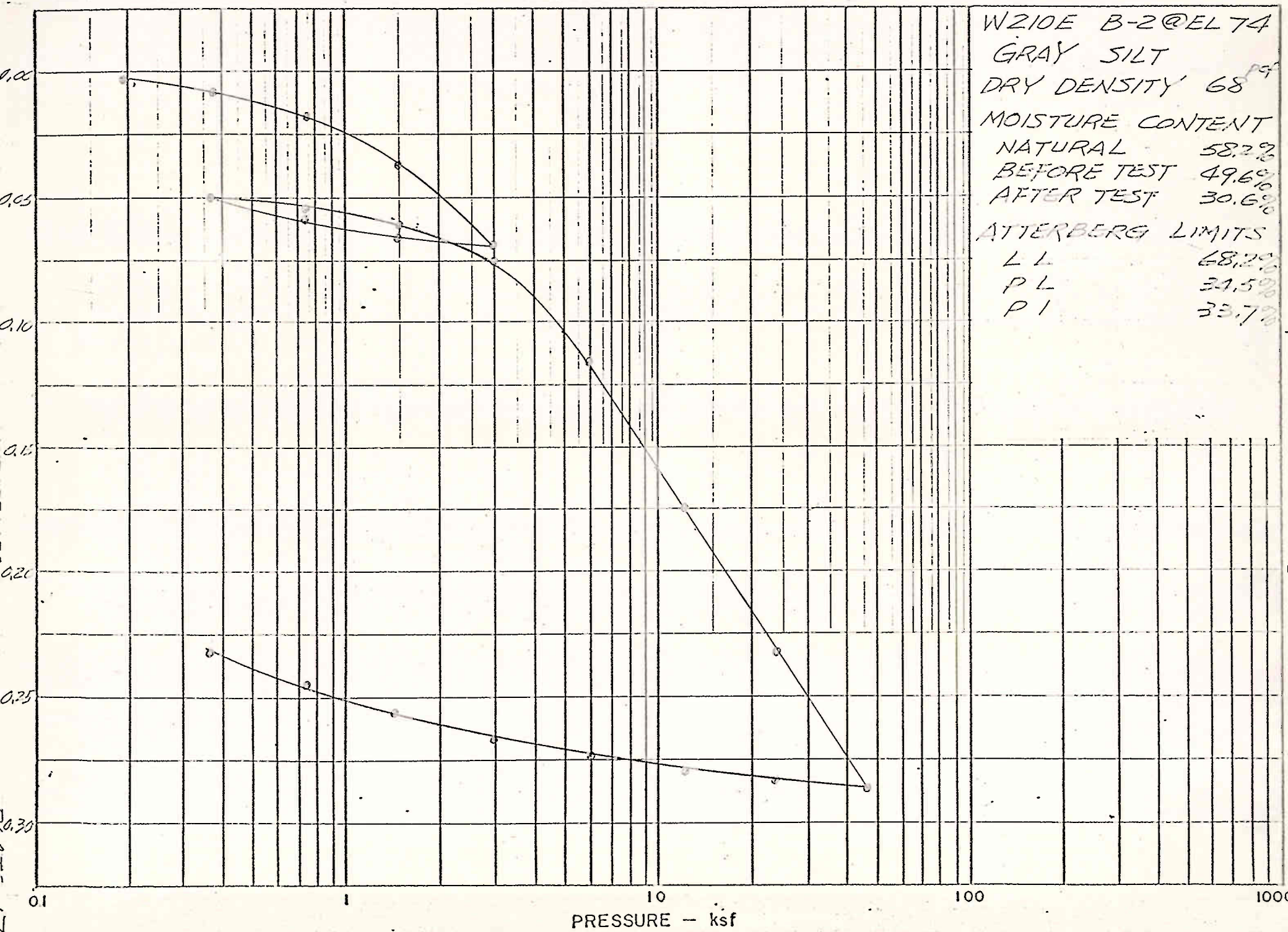
CONSOLIDATION CURVE



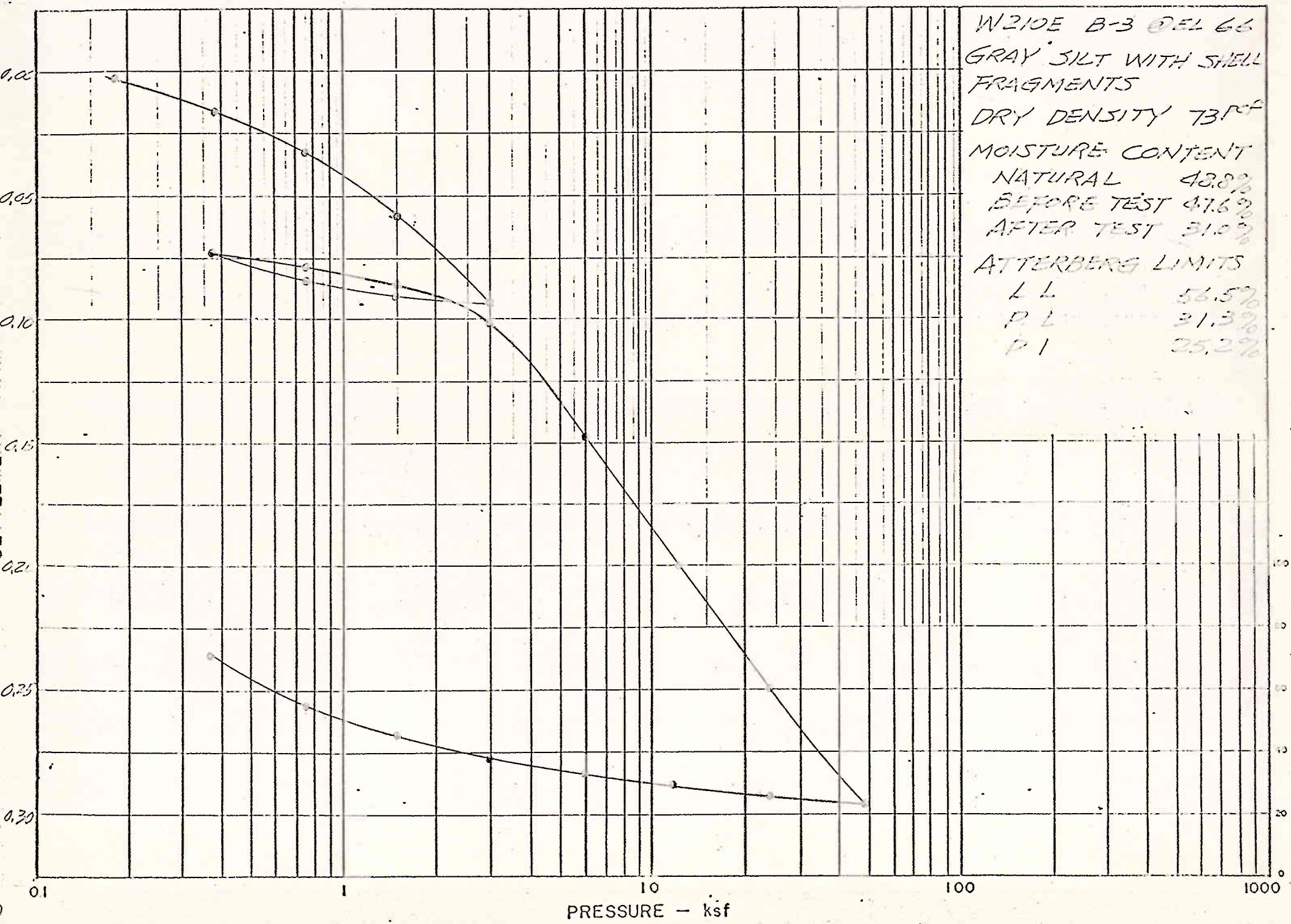
CONSOLIDATION CURVE



CONSOLIDATION CURVE



CONSOLIDATION CURVE

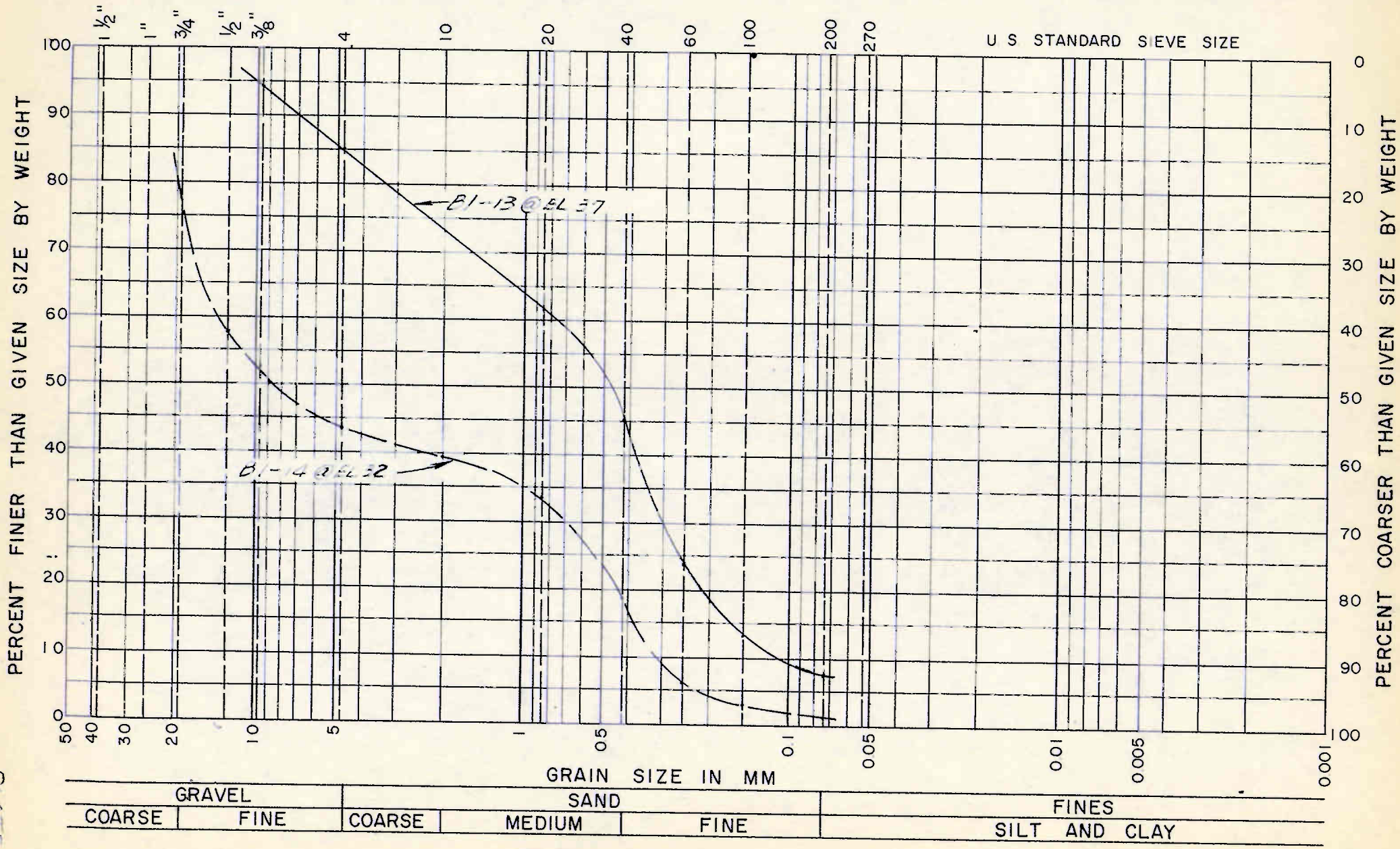


METROPOLITAN ENGINEERS

JOB NO. W-210-E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B1 DEPTH _____ ELEVATION _____ DATE TESTED _____ BY _____

SOIL CLASSIFICATION _____



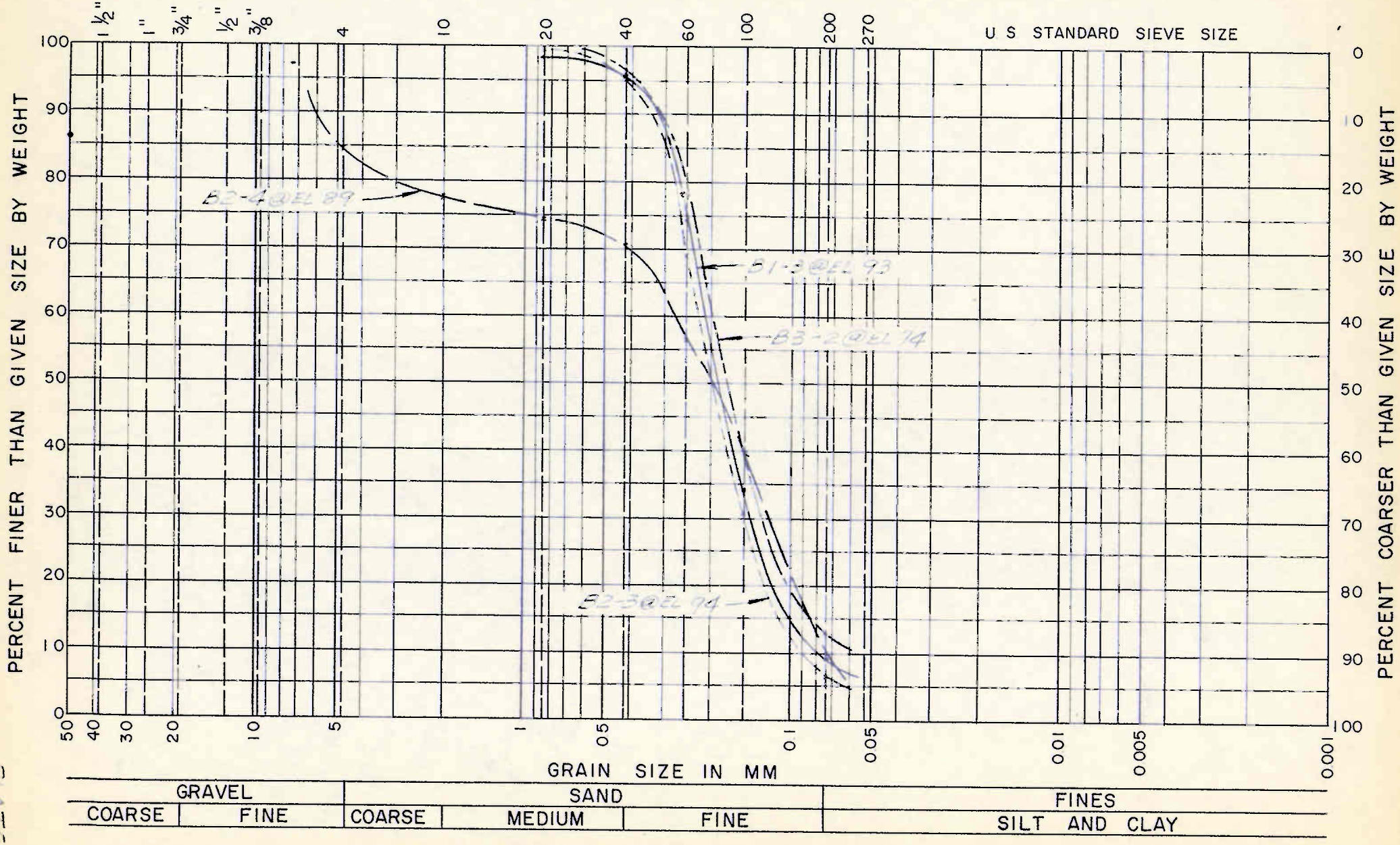
GRAIN-SIZE DISTRIBUTION

METROPOLITAN ENGINEERS

JOB NO. W210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B1, B2, B3 DEPTH _____ ELEVATION _____ DATE TESTED 5-6-64 BY CHW

SOIL CLASSIFICATION _____



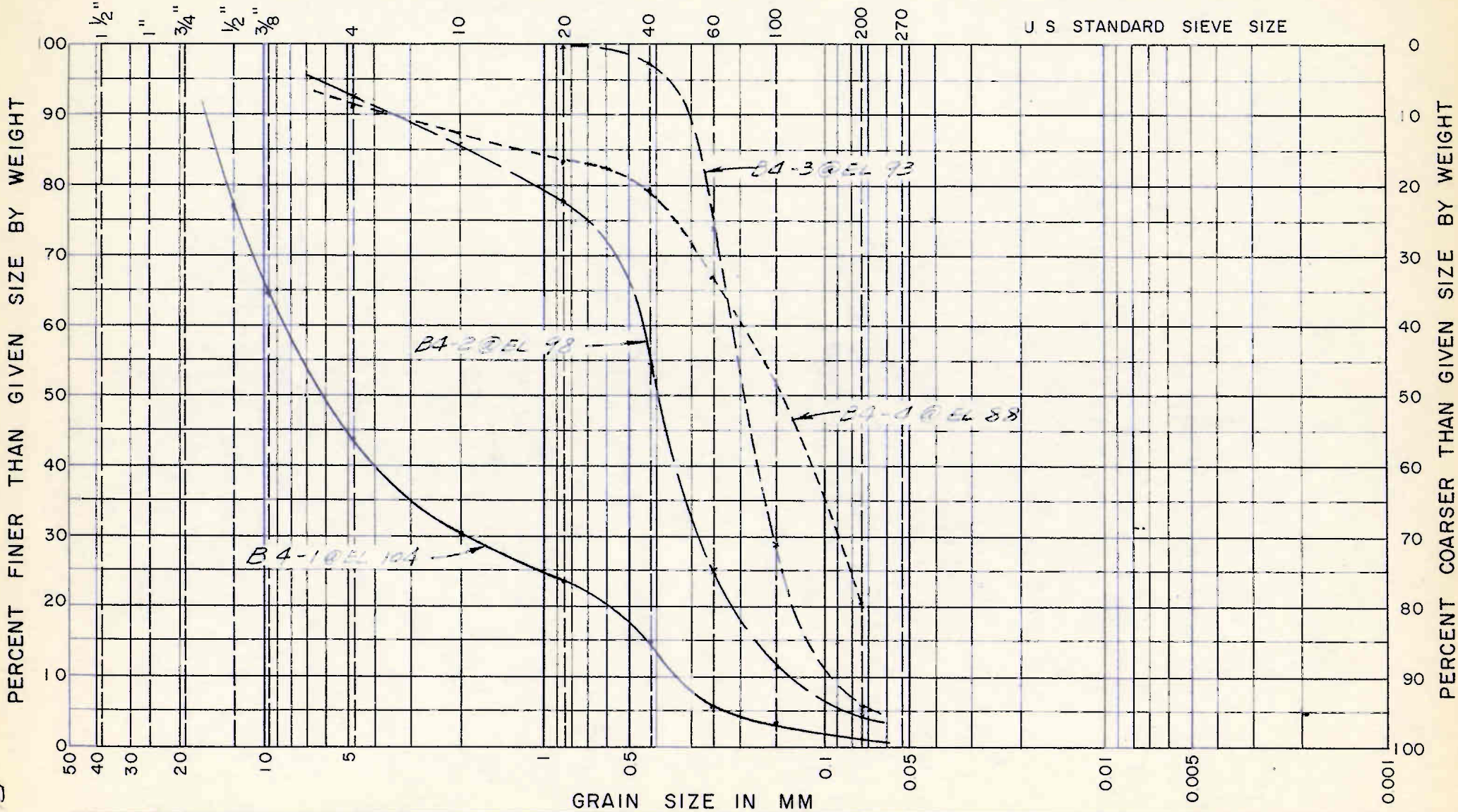
GRAIN-SIZE DISTRIBUTION

METROPOLITAN ENGINEERS

JOB NO. W210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B4 DEPTH _____ ELEVATION _____ DATE TESTED 12-28-64 BY CHW

SOIL CLASSIFICATION _____



GRAVEL		SAND			FINES
COARSE	FINE	COARSE	MEDIUM	FINE	SILT AND CLAY

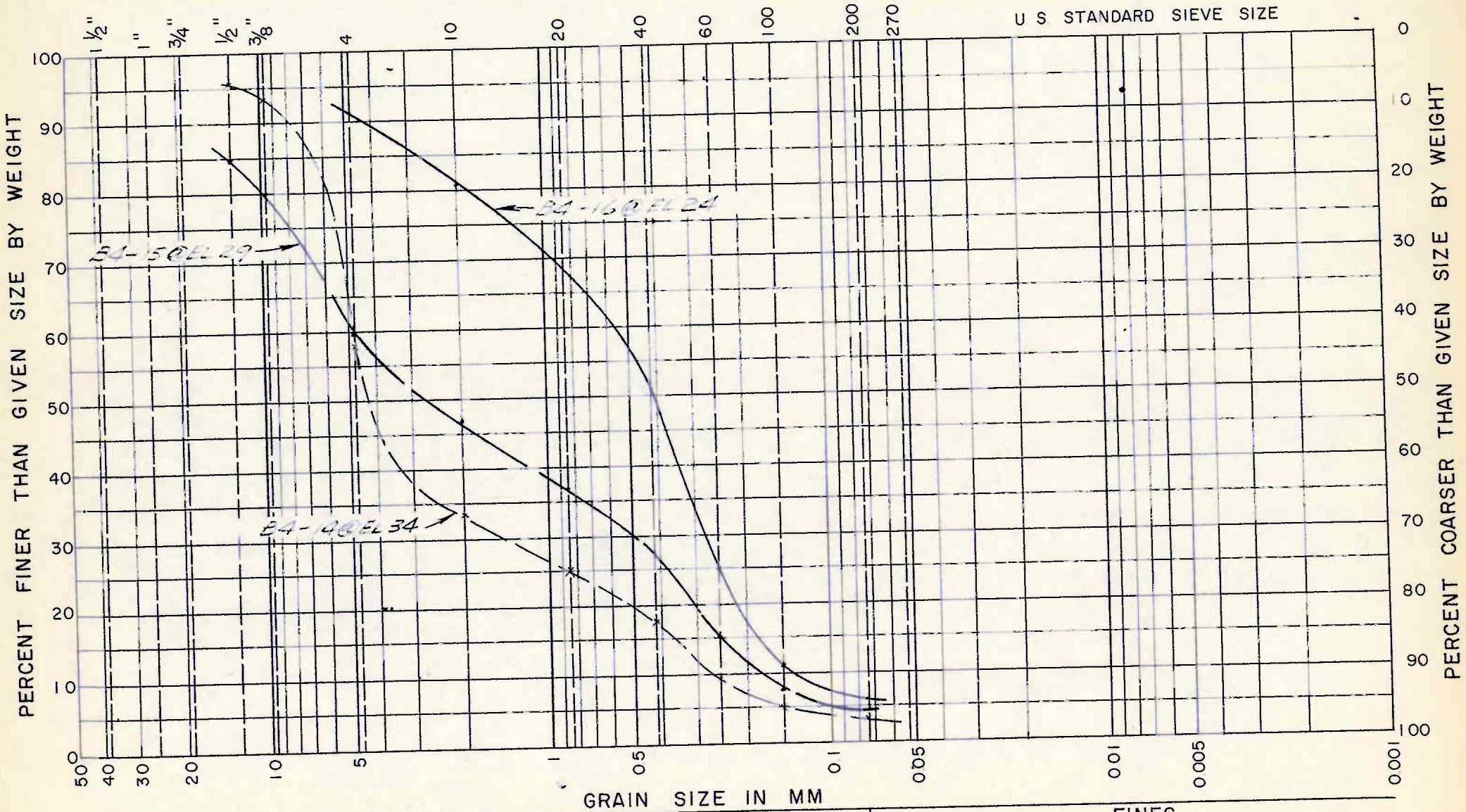
GRAIN-SIZE DISTRIBUTION

METROPOLITAN ENGINEERS

JOB NO. W210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B4 DEPTH _____ ELEVATION _____ DATE TESTED _____ BY _____

SOIL CLASSIFICATION _____



GRAIN-SIZE DISTRIBUTION

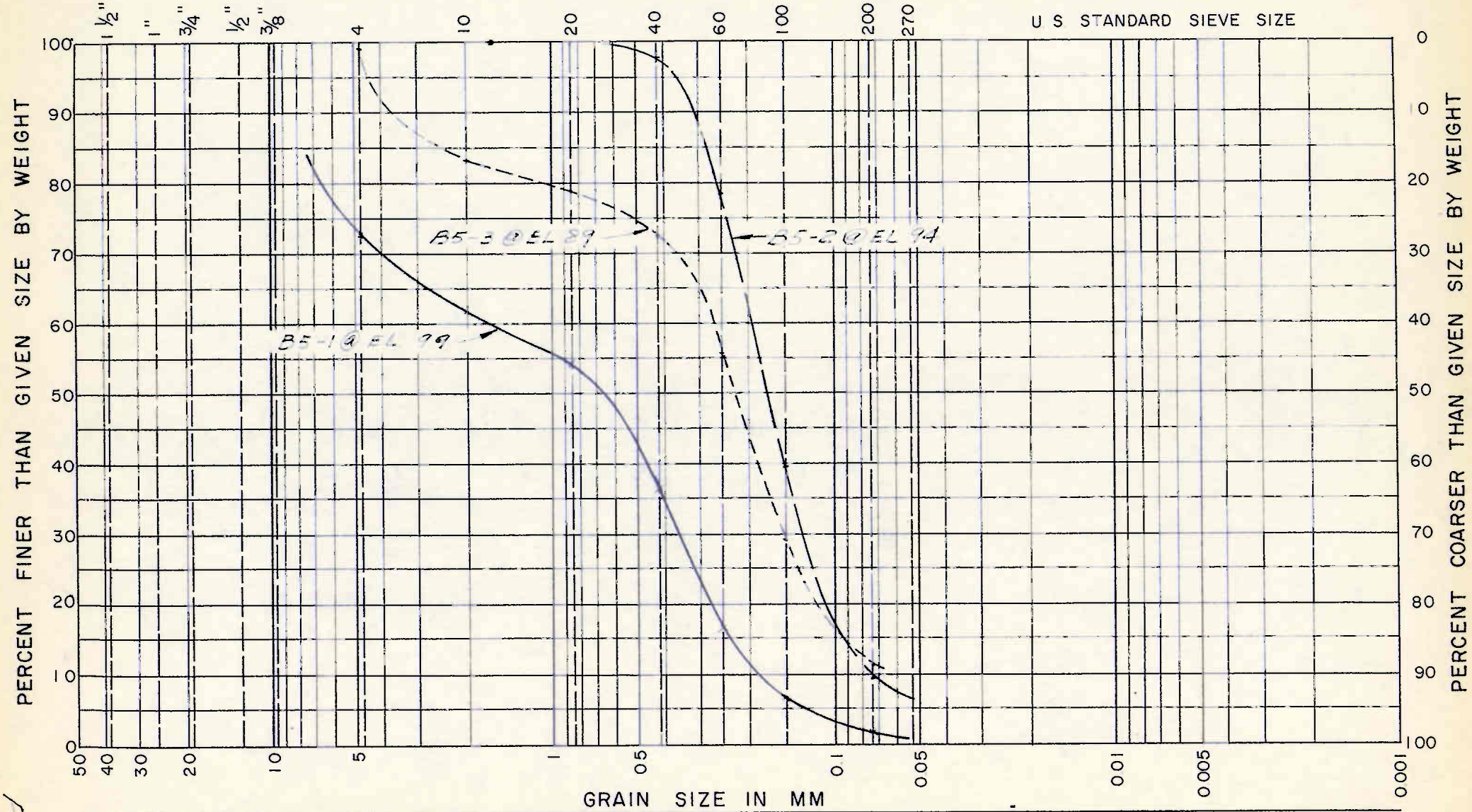
PLATE 22

METROPOLITAN ENGINEERS

JOB NO. W210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B5 DEPTH _____ ELEVATION _____ DATE TESTED 12-28-64 BY CHV

SOIL CLASSIFICATION _____



GRAVEL		SAND			FINES
COARSE	FINE	COARSE	MEDIUM	FINE	SILT AND CLAY

GRAIN-SIZE DISTRIBUTION

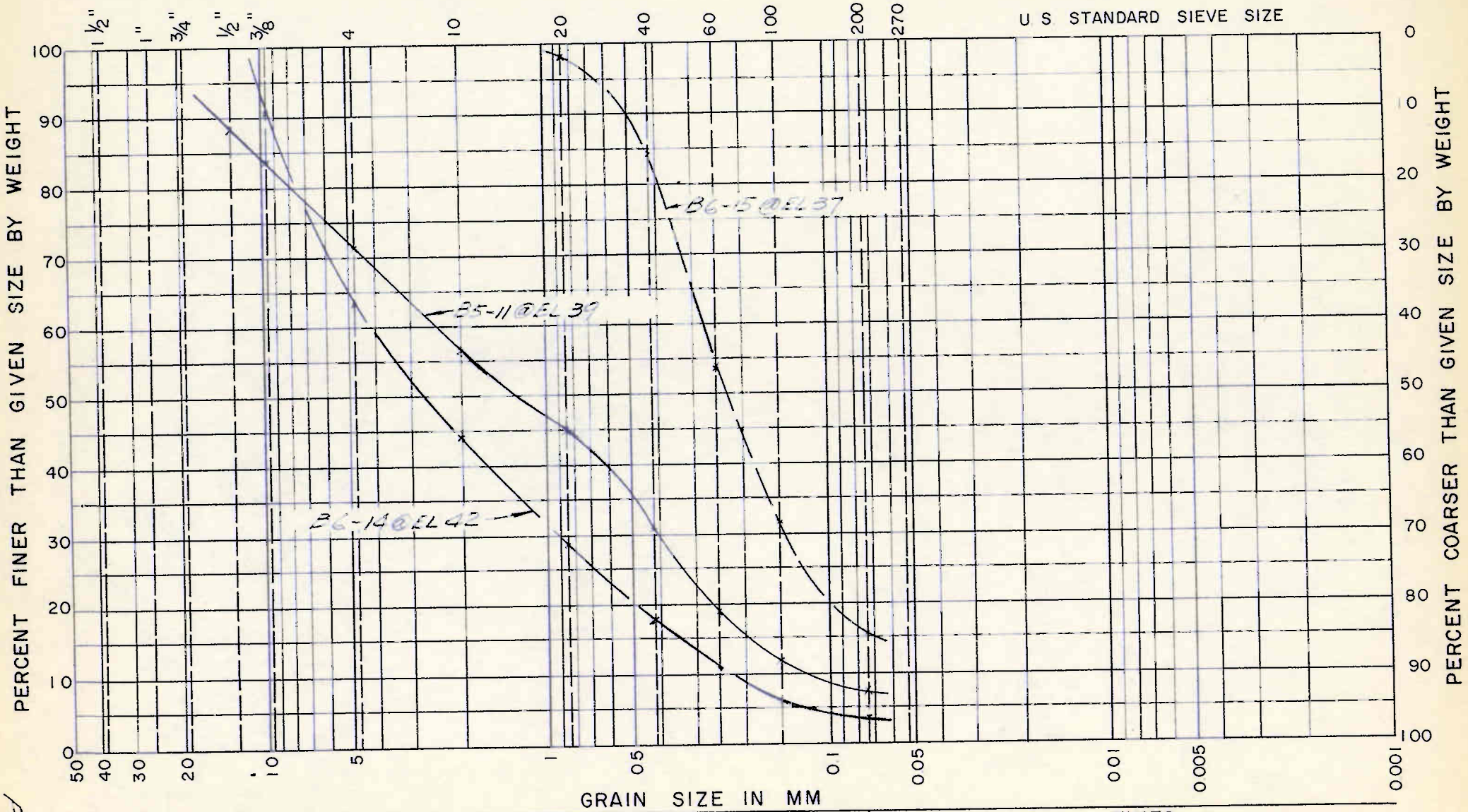
PLATE 23

METROPOLITAN ENGINEERS

JOB NO. NEOE LOCATION _____ DATE SAMPLED _____ BY _____

BORING B5 & B6 DEPTH _____ ELEVATION _____ DATE TESTED _____ BY _____

SOIL CLASSIFICATION _____



GRAVEL		SAND			FINES
COARSE	FINE	COARSE	MEDIUM	FINE	SILT AND CLAY

GRAIN-SIZE DISTRIBUTION

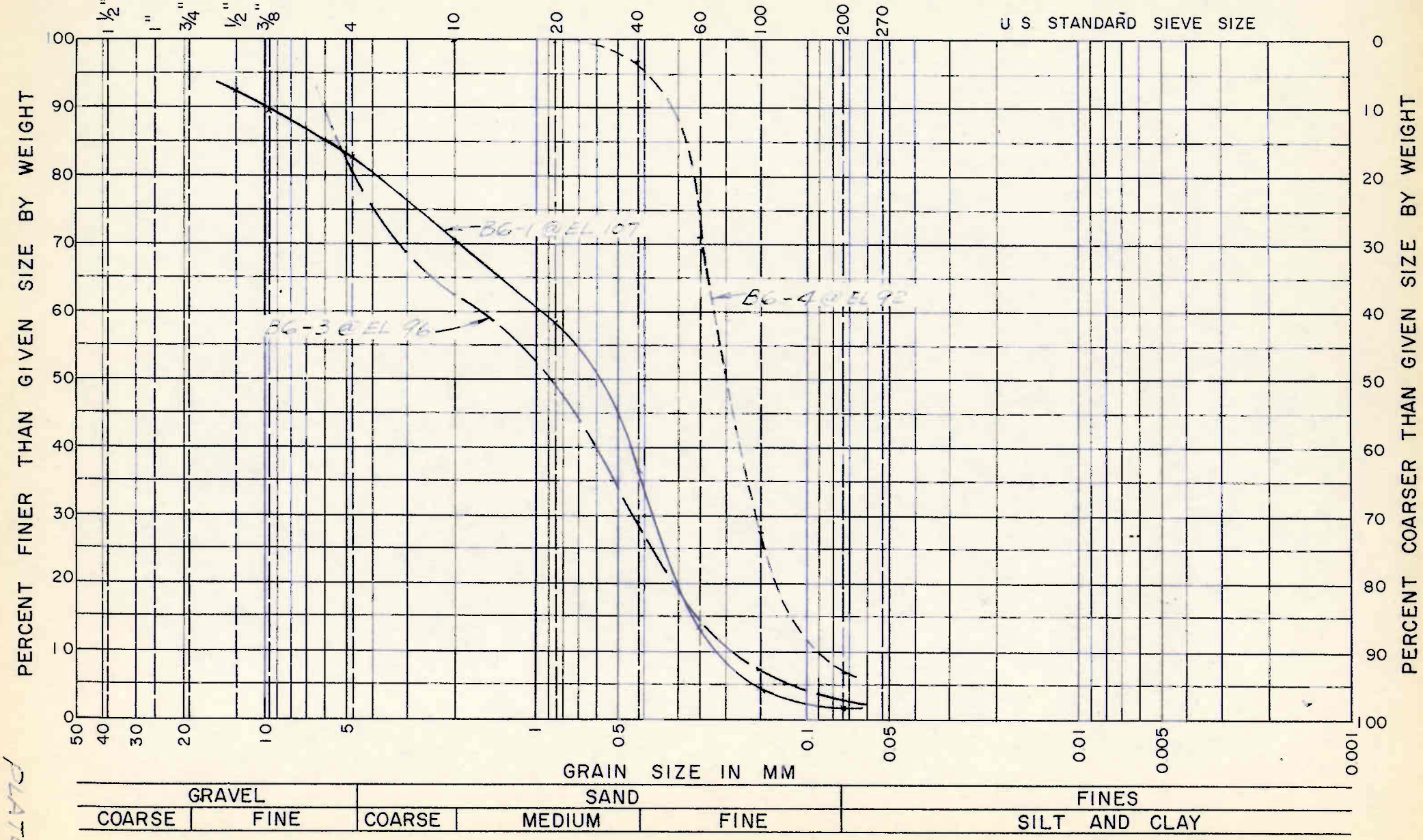
PLATE 24

METROPOLITAN ENGINEERS

JOB NO W210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B6 DEPTH _____ ELEVATION _____ DATE TESTED 10-28-64 BY CHW

SOIL CLASSIFICATION _____



GRAIN-SIZE DISTRIBUTION

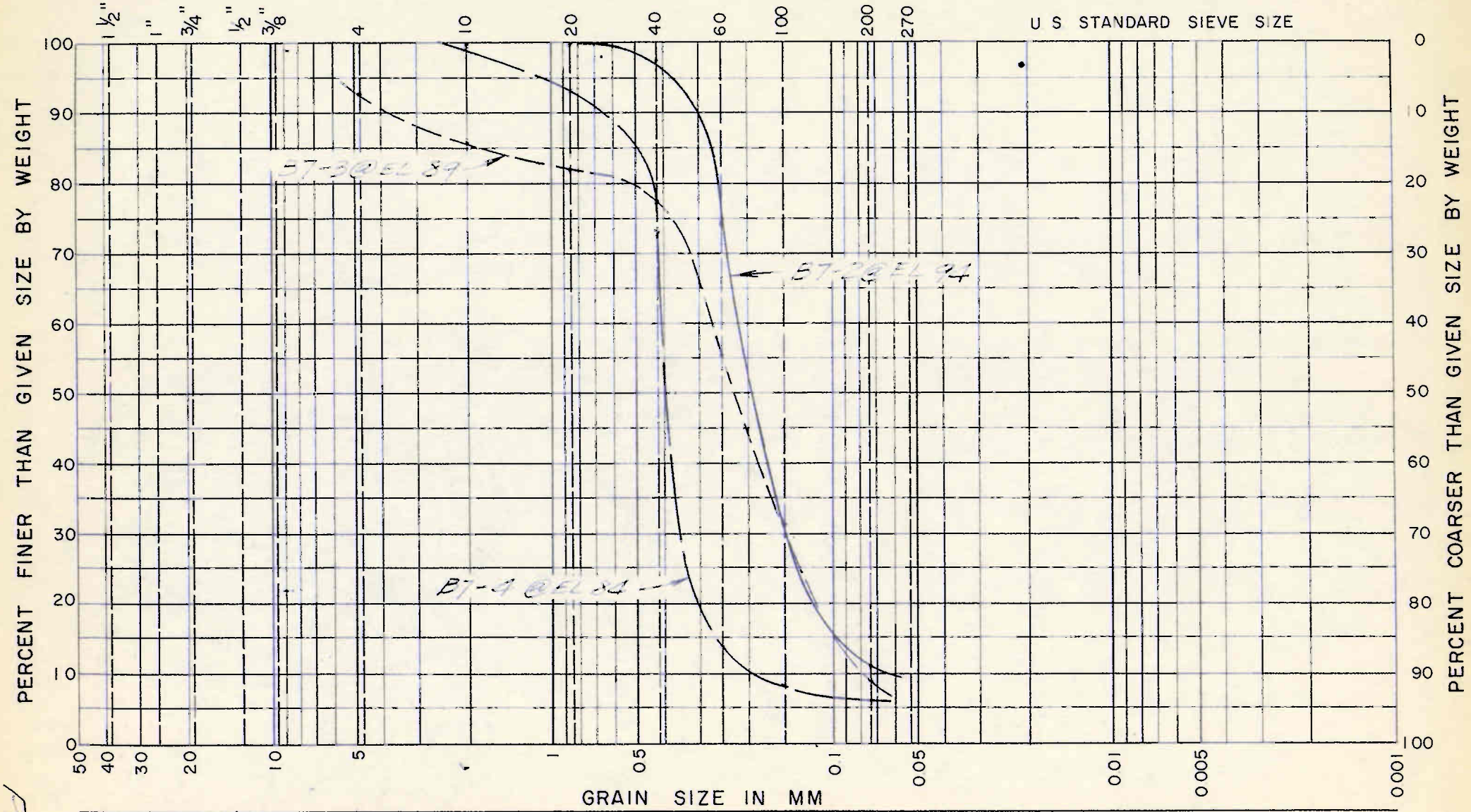
PLATE 25

METROPOLITAN ENGINEERS

JOB NO. N210E LOCATION _____ DATE SAMPLED _____ BY _____

BORING B7 DEPTH _____ ELEVATION _____ DATE TESTED [illegible] BY [illegible]

SOIL CLASSIFICATION _____



GRAVEL		SAND			FINES
COARSE	FINE	COARSE	MEDIUM	FINE	SILT AND CLAY

GRAIN-SIZE DISTRIBUTION

PLATE 26