

AD-756 124

STUDY OF SOIL BEHAVIOR UNDER HIGH
PRESSURE. REPORT 1. VOLUME 2. RESPONSE
OF TWO RECOMPACTED SOILS TO VARIOUS
STATES OF STRESS

Billy B. Mazanti, et al

Georgia Institute of Technology

Prepared for:

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Army Engineer Waterways Experiment Station

February 1970

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CONTRACT REPORT S-70-2

STUDY OF SOIL BEHAVIOR UNDER HIGH PRESSURE

Report I, Volume II

RESPONSE OF TWO RECOMPACTED SOILS TO VARIOUS STATES OF STRESS

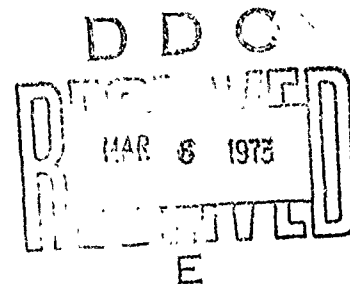
by

B. B. Mazanti, C. N. Holland



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February 1970



Sponsored by Defense Atomic Support Agency

Conducted for U. S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi

Under Contract No. DACA 39-67-C-0051

By Georgia Institute of Technology, Atlanta, Georgia

ARMY-MRC VICKSBURG, MISS

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FOREWORD

This report presents the results of a research project conducted by the Georgia Institute of Technology, Atlanta, Georgia, under the direction of Dr. B. B. Mazanti, Associate Professor of Civil Engineering. Mr. C. N. Holland served as Associate Director of the project.

There are three separate volumes documenting this project. Volume I describes the development of equipment and test procedures, soil analysis and specimen preparation, and analysis of results. Volume II contains the basic results of all tests conducted for this program in the form of stress-strain plots. Volume III contains the numerical tabulation of test data in the form of computer sheet printout. Only a limited number of copies of the Volumes II and III were published; however, interested readers may borrow a copy on 30-day loan from the Research Center Library, Waterways Experiment Station.

The Georgia Institute of Technology has been engaged in research concerned with the effects of high pressure on soil and rock for approximately ten years. During this time period, a considerable amount of equipment and instrumentation has been developed for high pressure testing, financed almost entirely by Georgia Tech. Much of the equipment and instrumentation utilized in the performance of this research was of such origin.

This report was requested and authorized by Mr. J. G. Jackson, Jr., Impulse Loads Section, Soil Dynamics Branch, under the direction of Messrs. W. J. Turnbull and A. A. Maxwell, Chief and Assistant Chief, respectively, Waterways Experiment Station Soils Division. The work was part of Contract No. DACA 39-67-C-0051, Project B-602, and was conducted for the U. S. Army Engineer Waterways Experiment Station, Vicksburg, Mississippi, under Defense Atomic Support Agency sponsorship, during the period November 1967 through November 1968.

Directors of the Waterways Experiment Station during the performance of this work and preparation and publication of this report were COL John R. Oswalt, Jr., CE, and COL Levi A. Brown, CE. Technical Directors were Messrs. J. B. Tiffany and F. R. Brown.

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LIST OF SYMBOLS

p	Hydrostatic Pressure
c	Normal Stress
σ_1	Major Principal Stress
σ_2	Intermediate Principal Stress
σ_3	Minor Principal Stress
σ_a	Axial Stress
σ_r	Radial Stress
τ	Shear Stress
ϵ	Strain
ϵ_a	Axial Strain
ϵ_r	Radial Strain
ΔV	Volume Change
V_o	Original Volume
$\Delta V/V_o$	Volumetric Strain
K^o	Condition of No-Lateral-Strain

SECTION I

McCORMICK RANCH SAND STRESS-STRAIN PLOTS

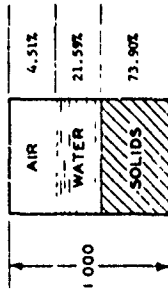
Group A

Triaxial Tests

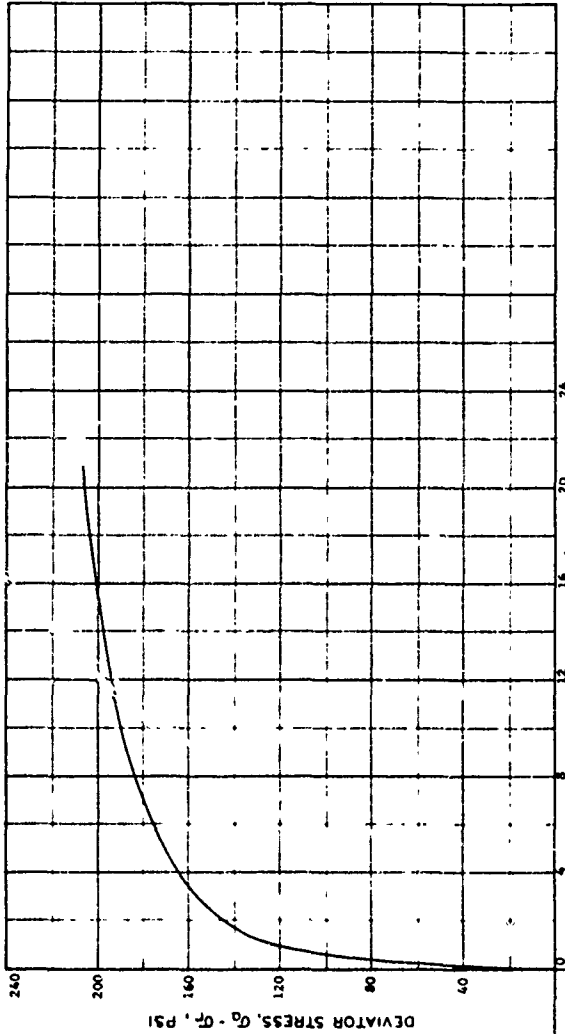
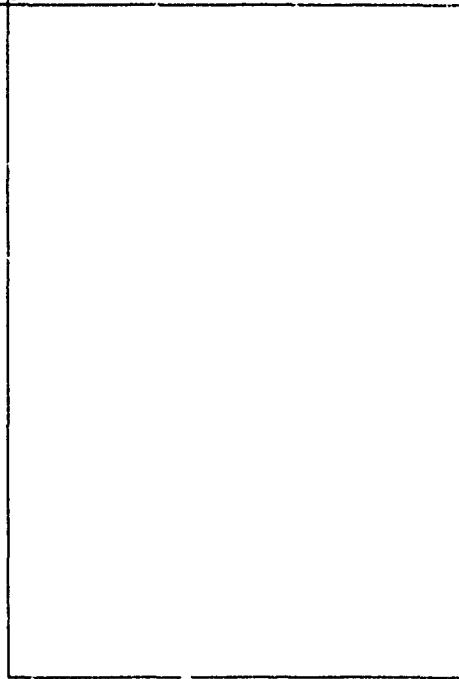
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WATER CONTENT	W	10	%
VOID RATIO	e_0	0.35	%
SATURATION	S_c	82.72	%
DRY DENSITY	γ_d	123.13	PCF
WET DENSITY	γ	136.60	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



TRIAXIAL SHEAR PHASE

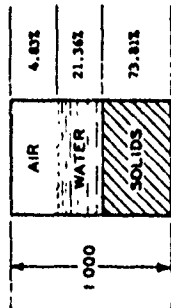
PROJECT Ga Tech B-602;
 Contract No. DMC39-67-C-0031

AREA _____ SAMPLE NO. 88
 BORING NO. _____ DEPTH _____ DATE _____
 EL. _____ PL 15 PI 12

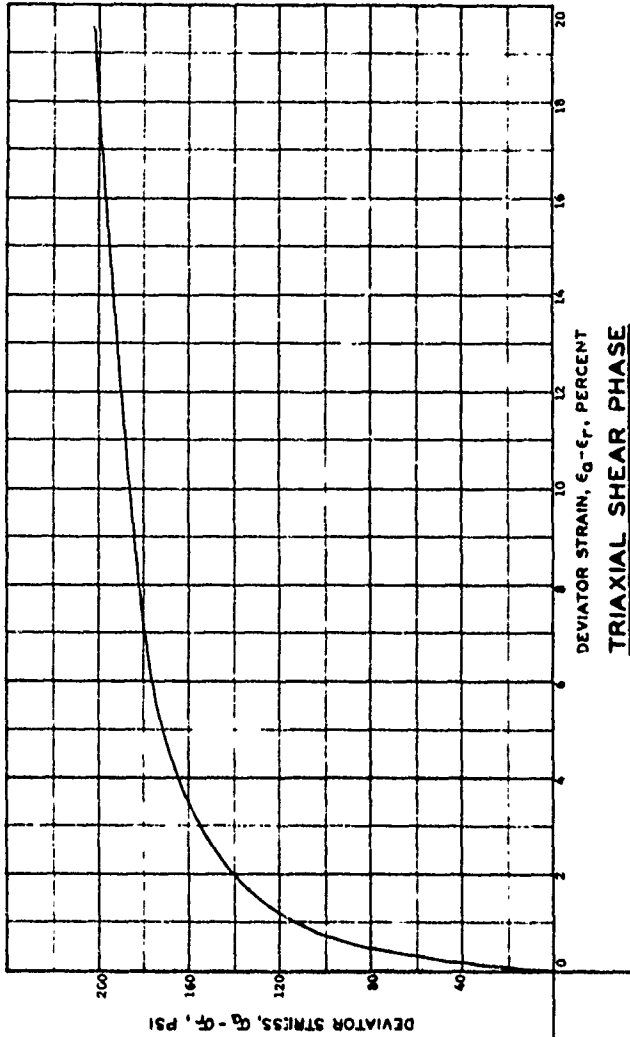
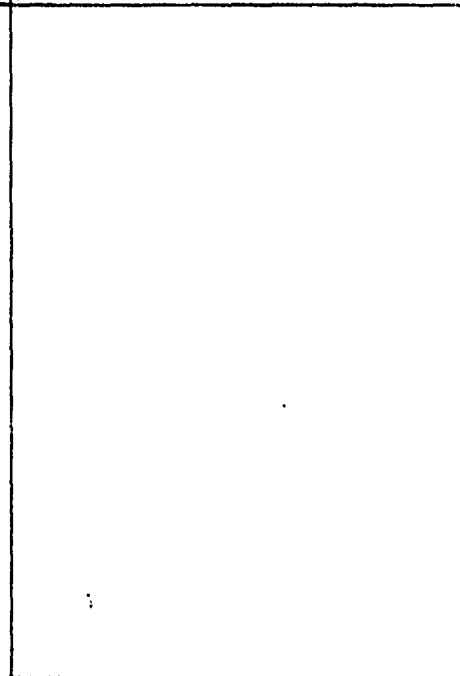
DESCRIPTION McCumlock Beach Sand

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	10.26	%
VOID RATIO	e_0	0.35	
SATURATION	S_u	81.56	%
DRY DENSITY	γ_d	122.97	PCF
WET DENSITY	γ	136.30	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

PROJECT Gr. Infil. B-5021
 Contract No. DACA39-67-C-0051

AREA _____

BORING NO. _____ SAMPLE NO. 91

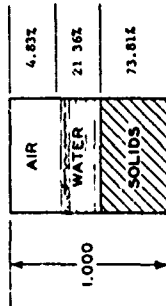
DEPTH _____ DATE _____

EL. _____ PL 15 P1 12

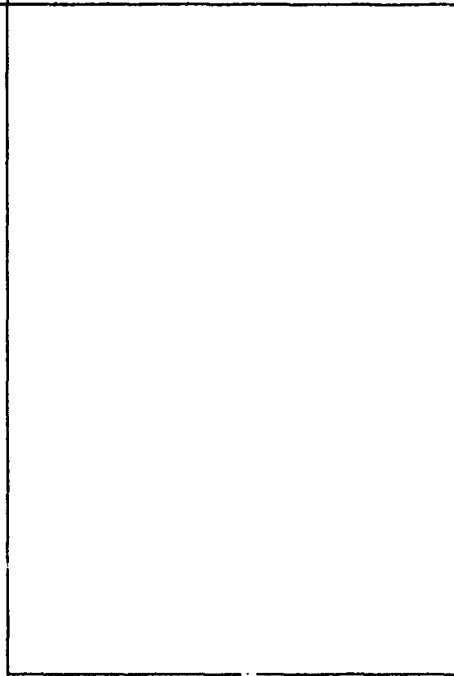
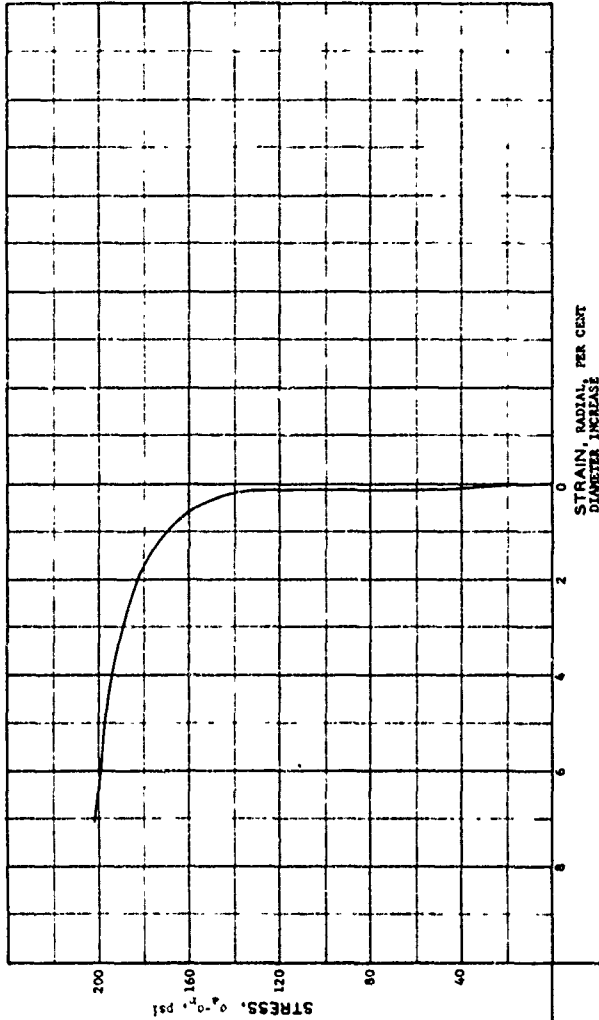
DESCRIPTION Macomber, Brijeth, Sand

VOLUMETRIC STRAIN, $\Delta v / v_0$, PERCENT

WATER CONTENT	W	10.84	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	81.56	%
DRY DENSITY	γ_d	122.97	PCF
WET DENSITY	γ	136.30	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE

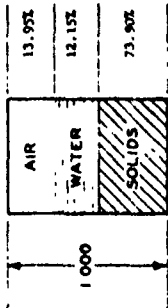


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

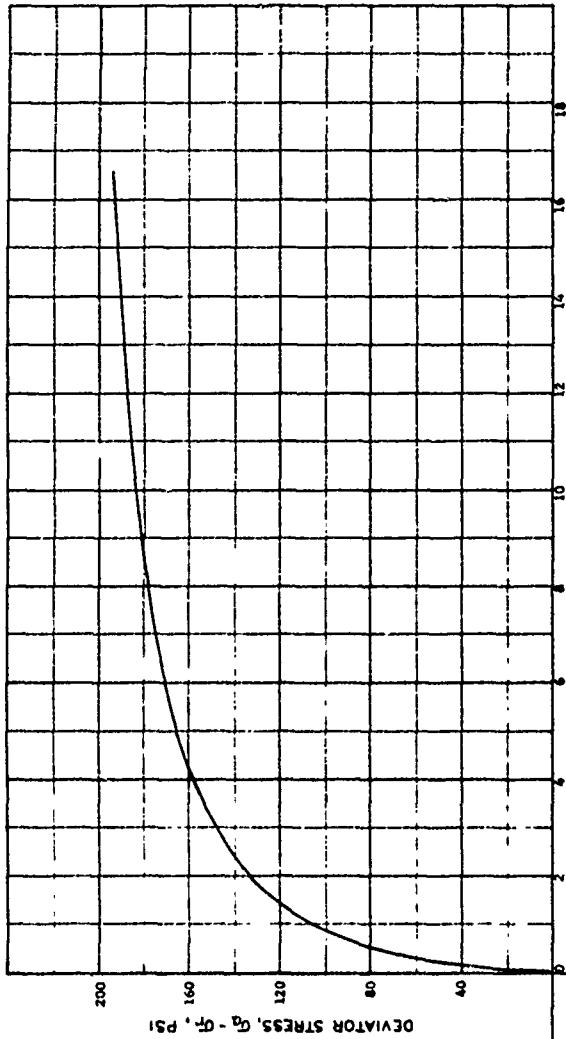
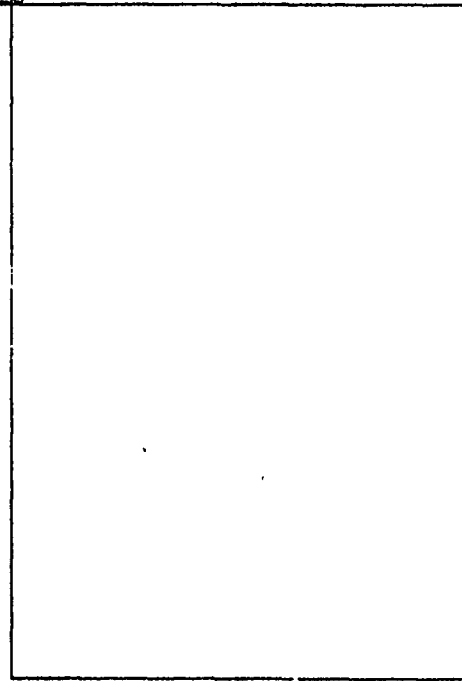
HYDROSTATIC PRESSURE, p, PSI

PROJECT	Ga Tech B-602;	
AREA	Contract No. DMCA 35-67-C-0051	
BORING NO.	SAMPLE NO.	91
DEPTH	DATE	
EL	PL	15
LL	PL	12
DESCRIPTION	McClack Ranch Sand	

WATER CONTENT	W	6.16	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	46.55	%
DRY DENSITY	γ_d	123.13	PCF
WET DENSITY	γ	130.7113	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_c	3.51	CM
SPECIMEN HEIGHT	M_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



TRIAXIAL SHEAR PHASE

PROJECT Ca. Tech B-602
 Contract No. DMA39-67-C-0031

AREA _____

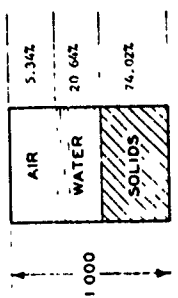
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 DEPTH _____ DATE _____
 EL _____

LL 27 PL 15 PI 12

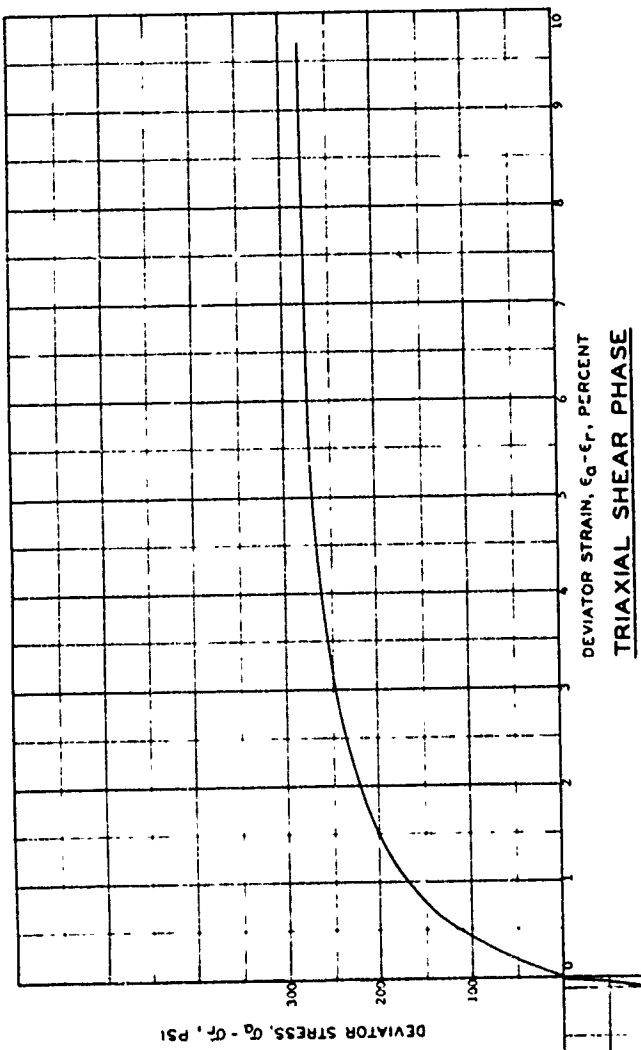
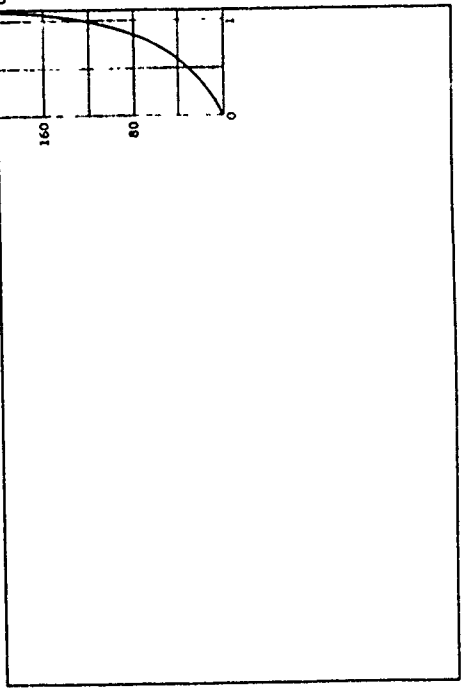
DESCRIPTION McComack Beach Sand

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	10.44	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	79.44	%
DRY DENSITY	γ_d	123.33	PCF
WET DENSITY	γ	136.21	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



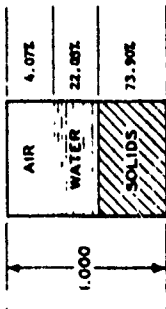
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Contract No. DAC49-67-C-0051

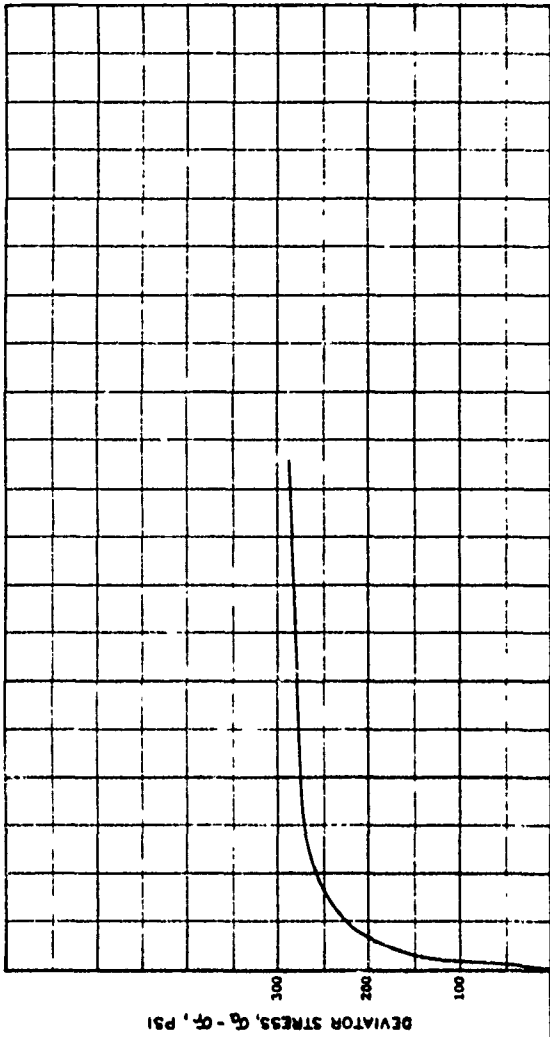
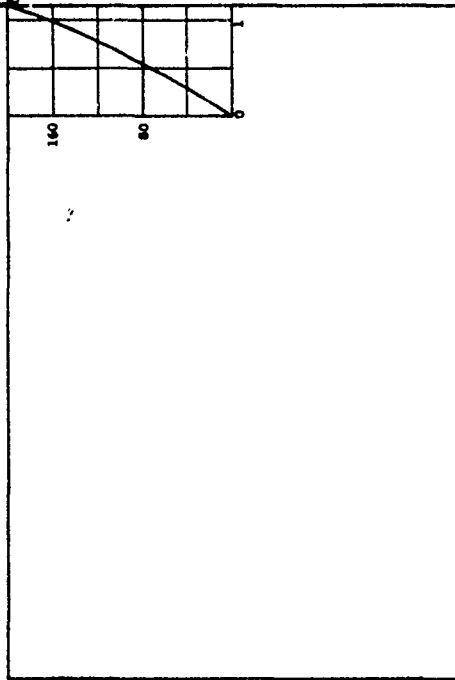
AREA: _____ SAMPLE NO. 75
BORING NO. _____ DEPTH _____ DATE _____
EL. _____ PL 15 PI 12

DESCRIPTION: McCormick Ranch Sand

WATER CONTENT	W	11.16	%
VOID RATIO	e_0	0.3532	
SATURATION	S_0	84.41	%
DRY DENSITY	γ_d	123.12	PCF
WET DENSITY	γ	136.87	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.55	CM



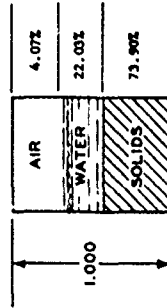
HYDROSTATIC COMPRESSION PHASE



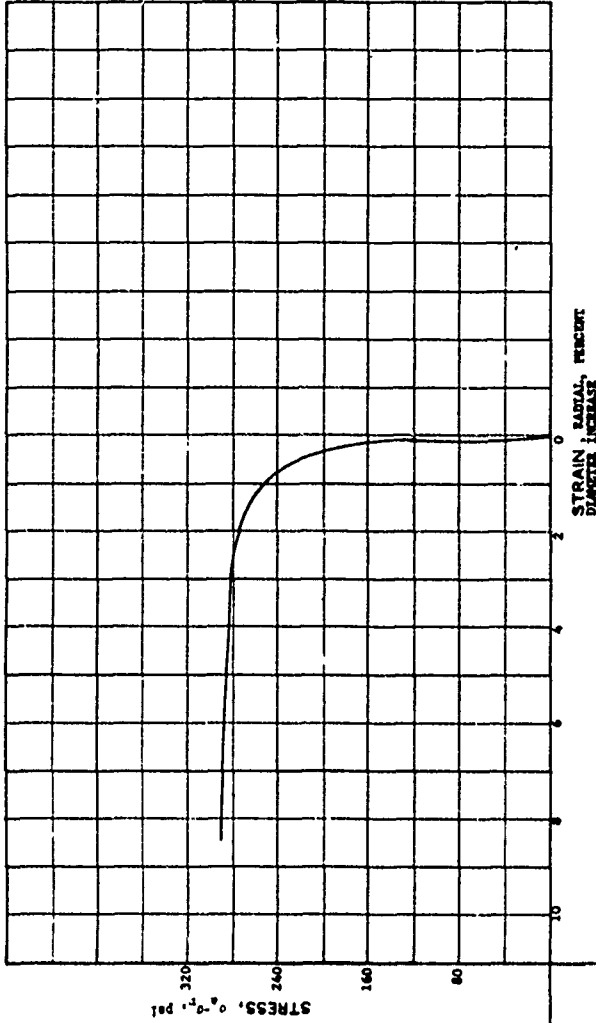
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Ca Tech 3-602	CONTRACT NO.	DMC39-67-C-0051
AREA		SAMPLE NO.	77
BORING NO.		DEPTH	
EL.		DATE	
LL	37	PL	15
		PI	13
DESCRIPTION	McCormick March Sand		

WATER CONTENT	W	11.16	%
VOID RATIO	e_0	0.3532	
SATURATION	S_0	84.61	%
DRY DENSITY	γ_d	123.12	PCF
WET DENSITY	γ	136.87	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	1.50	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



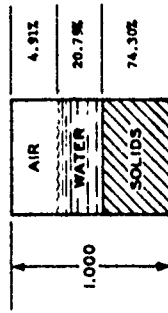
11

HYDROSTATIC PRESSURE, p , PSI

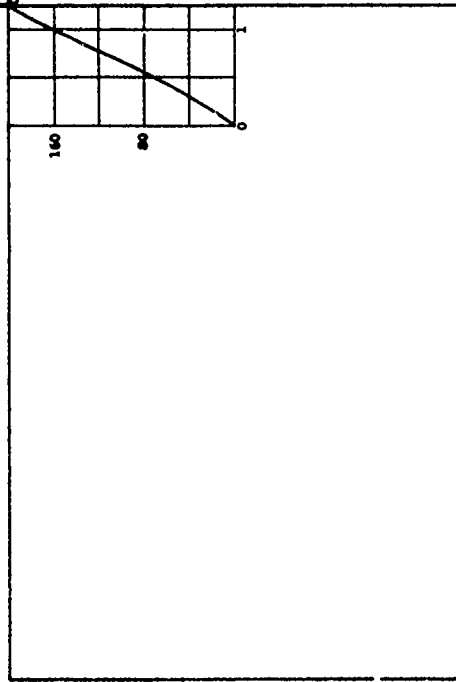
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Ca Tech B-402;	
AREA		Contract No. DAC39-47-C-0031	
BORING NO.	SAMPLE NO.	77	
DEPTH	DATE		
EL			
LL	PL	15	PI 12
DESCRIPTION McCormick Beach Sand			

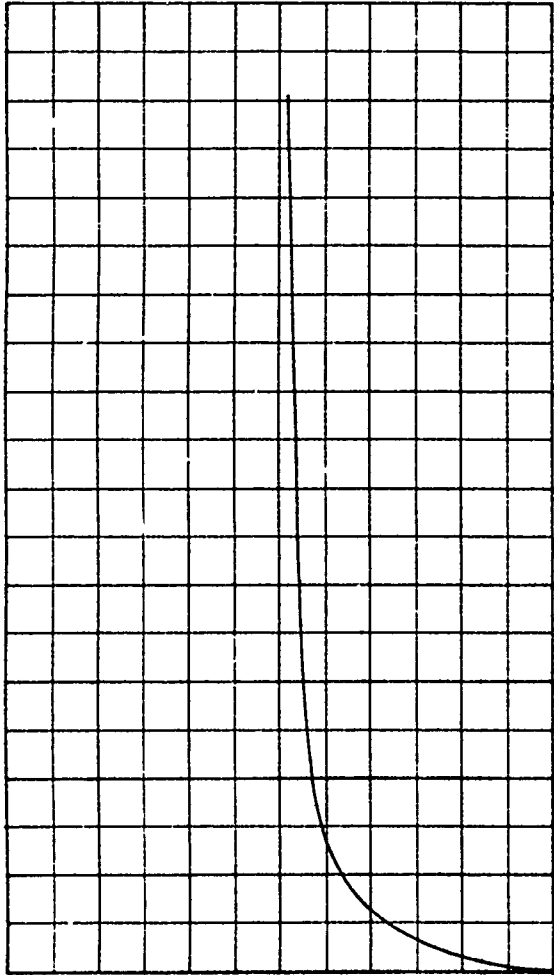
WATER CONTENT	W	10.48	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	80.91	%
DRY DENSITY	γ_d	123.80	PCF
WET DENSITY	γ	136.77	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/100$, PERCENT

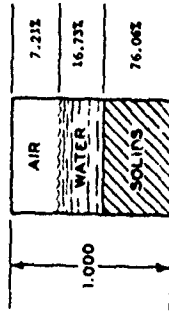


TRIAxIAL SHEAR PHASE

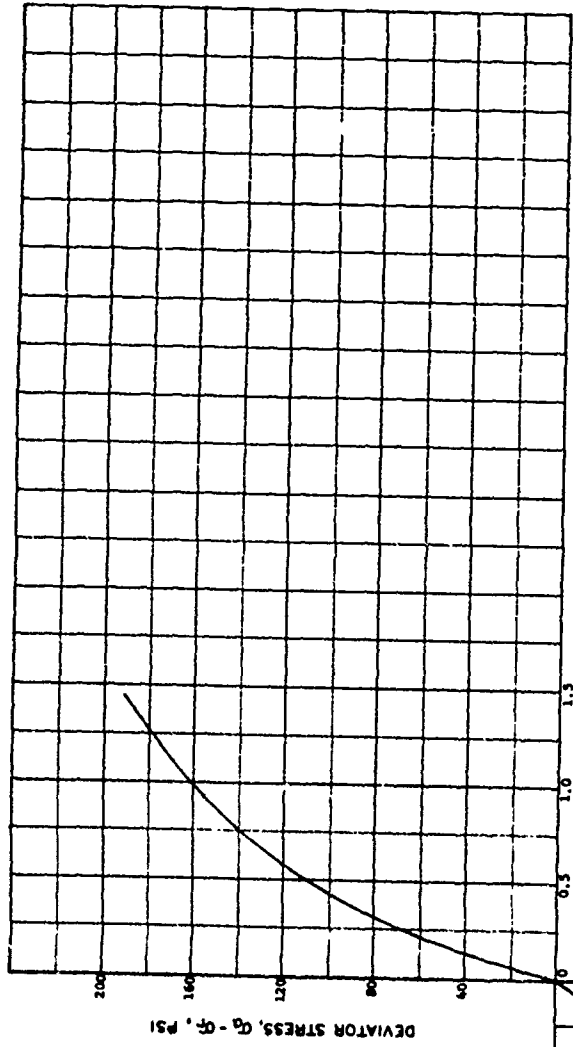
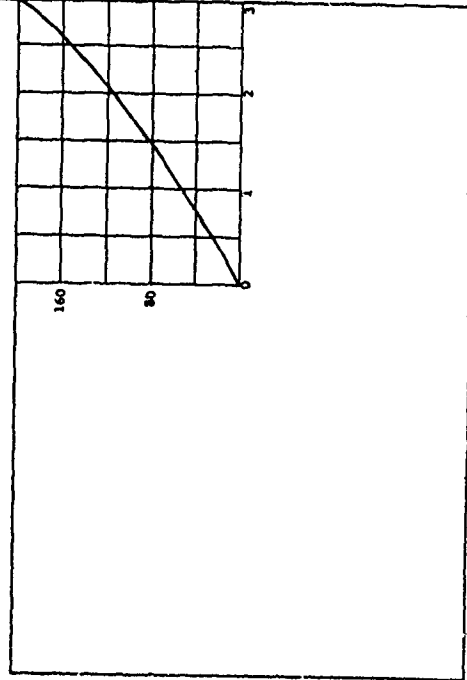
PROJECT	Ca Tech 3-602	
AREA	Concrete No. DAC39-47-C-0051	
BORING NO.	SAMPLE NO. 82	
DEPTH	DATE	
EL	PL 27	PL 13
DESCRIPTION	McDonnell Beach Sand	

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	8.24	%
VOID RATIO	e_0	0.31	
SATURATION	S_0	69.88	%
DRY DENSITY	γ_d	126.72	PCF
WET DENSITY	γ	137.17	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



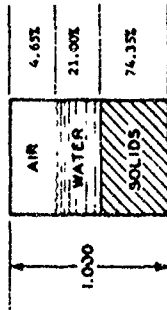
HYDROSTATIC COMPRESSION PHASE



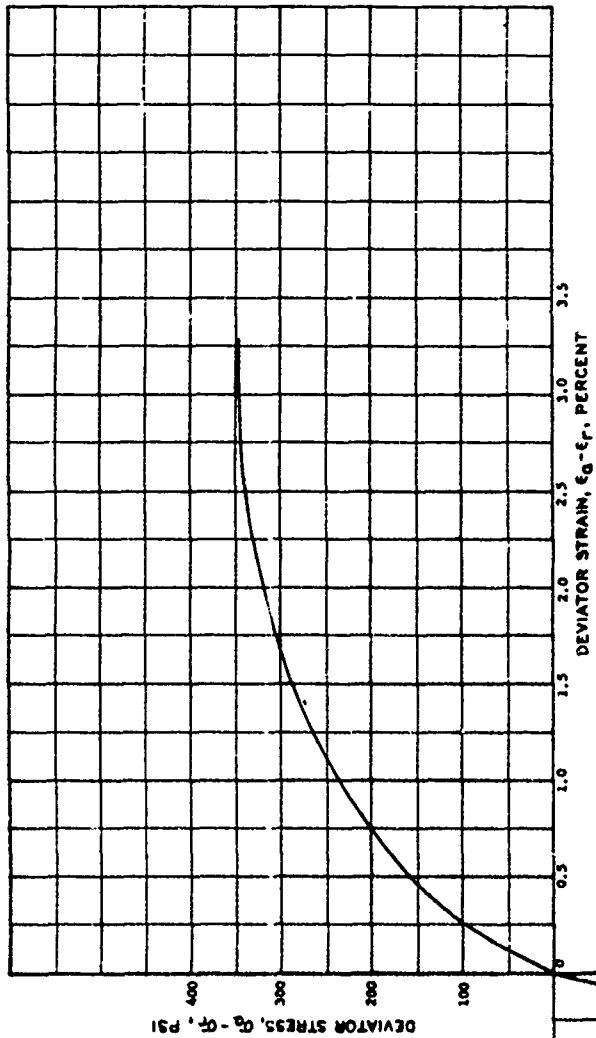
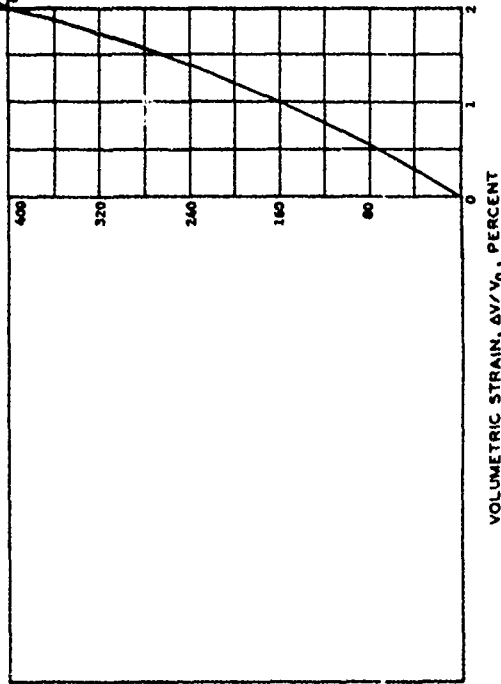
**DEVIATOR STRAIN, $e_1 - e_{1f}$, PERCENT
TRIAXIAL SHEAR PHASE**

PROJECT	Ca Tech 3-602	
AREA	Contract No. DAGA39-67-C-0051	
BORING NO.	SAMPLE NO.	44
DEPTH	DATE	
EL.	PL	15
LL	PI	12
DESCRIPTION	Macomber Beach Sand	

WATER CONTENT	W	10.58	%
VOID RATIO	e_0	0.34	
SATURATION	S_r	81.85	%
DRY DENSITY	γ_d	123.87	PCF
WET DENSITY	γ	136.98	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

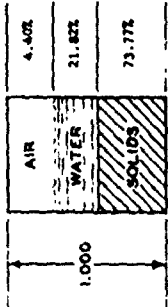


TRIAxIAL SHEAR PHASE

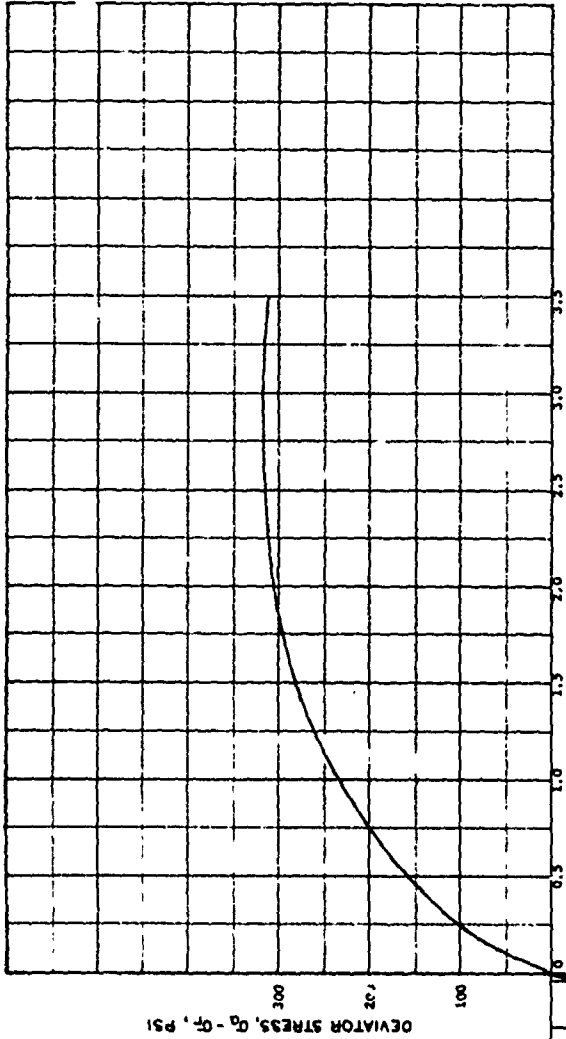
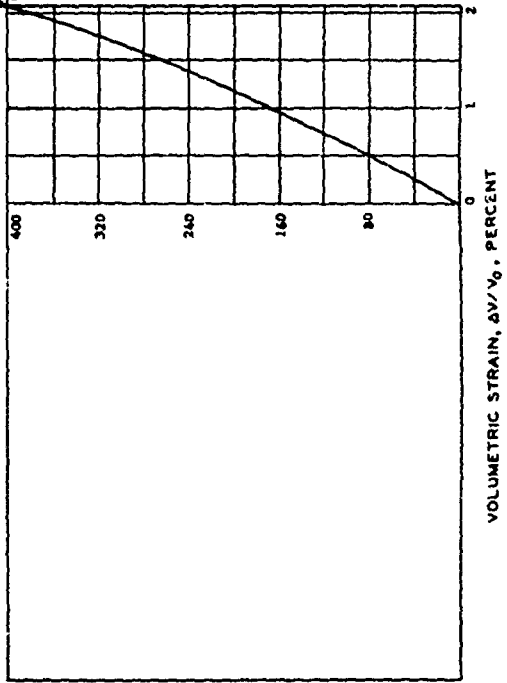
HYDROSTATIC PRESSURE, p , PSI

PROJECT		Ca Tech B-402	
CONTRACT NO.		DMC39-47-C-0031	
AREA	BORING NO.	SAMPLE NO.	85
DEPTH	EL.	DATE	
LL	27	PL	15
		PI	12
DESCRIPTION		McCormick Branch Road	

WATER CONTENT	W	11.08	%
VOID RATIO	e_v	0.36	
SATURATION	S_v	83.21	%
DRY DENSITY	γ_d	122.91	PCF
WET DENSITY	γ	136.53	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.3	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Cal Tech B-602
Contract No. DMC439-67-C-0031

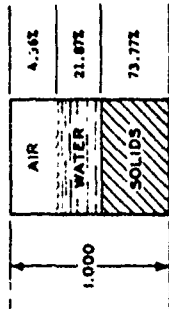
AREA: _____

BORING NO. _____ SAMPLE NO. #7
DEPTH _____ DATE _____
EL. _____ PL 15 PI 12

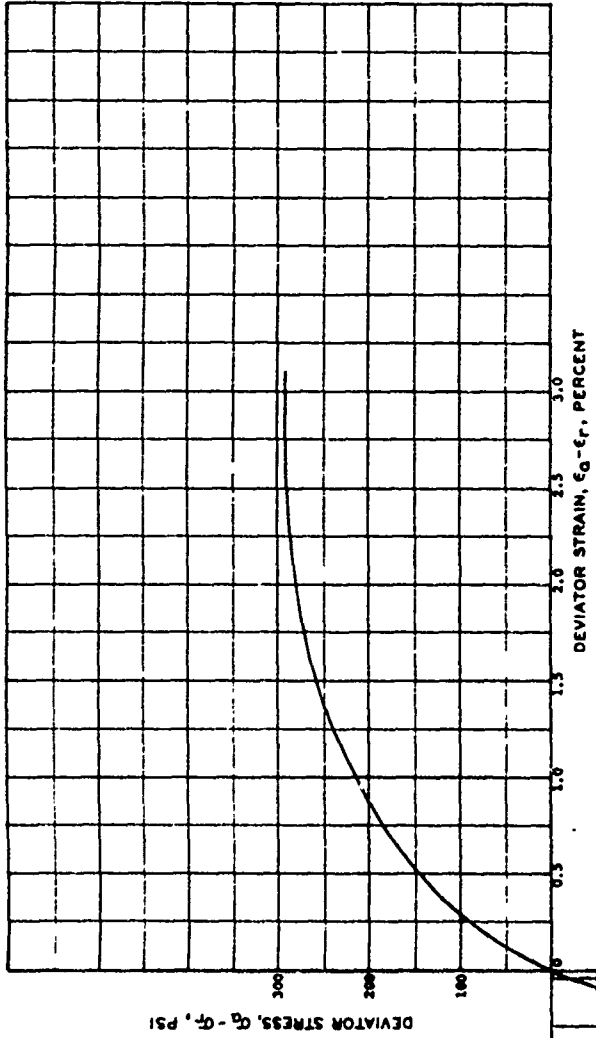
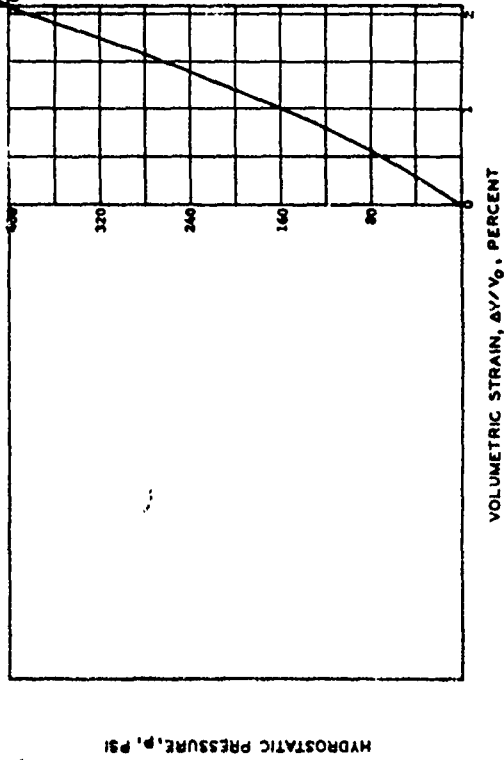
DESCRIPTION: McCormick Ranch Sand

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	11.10	%
VOID RATIO	e_0	0.36	
SATURATION	S_g	83.38	%
DRY DENSITY	γ_d	122.91	PCF
WET DENSITY	γ	136.55	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.31	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

PROJECT Gr. Test. 3-602.
 Contract No. MDA39-67-C-0031

AREA _____

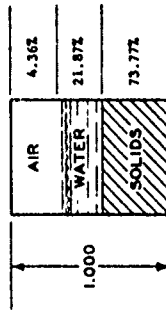
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DEPTH _____ DATE _____

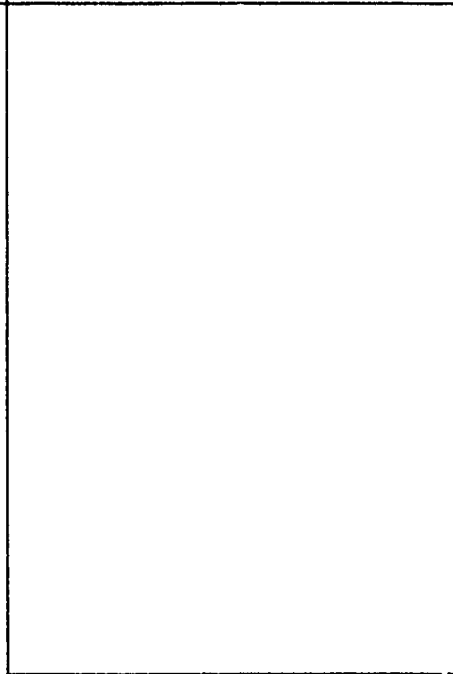
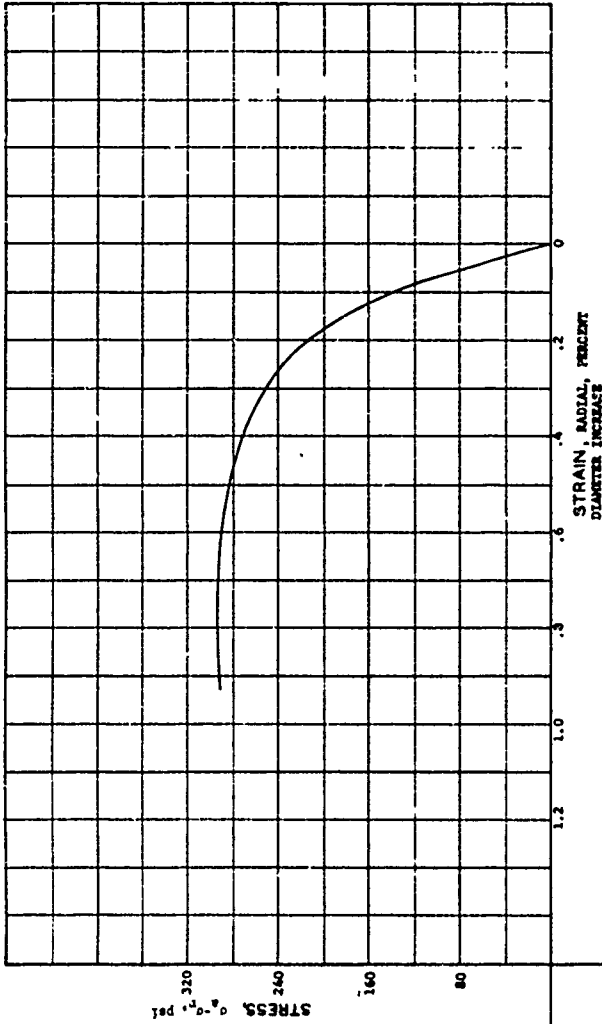
EL _____ PL 15 PI 12

DESCRIPTION McDonnell Beach Sand

WATER CONTENT	W	11.10	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	83.38	%
DRY DENSITY	γ_d	122.91	PCF
WET DENSITY	γ	136.55	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

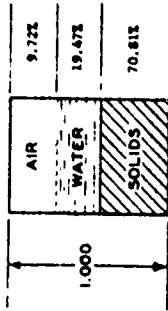


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

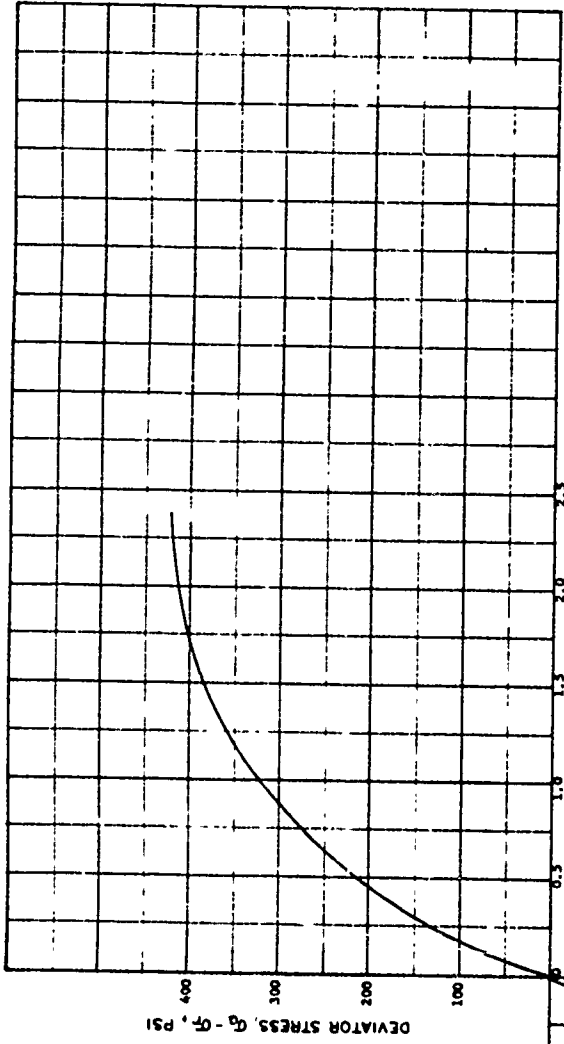
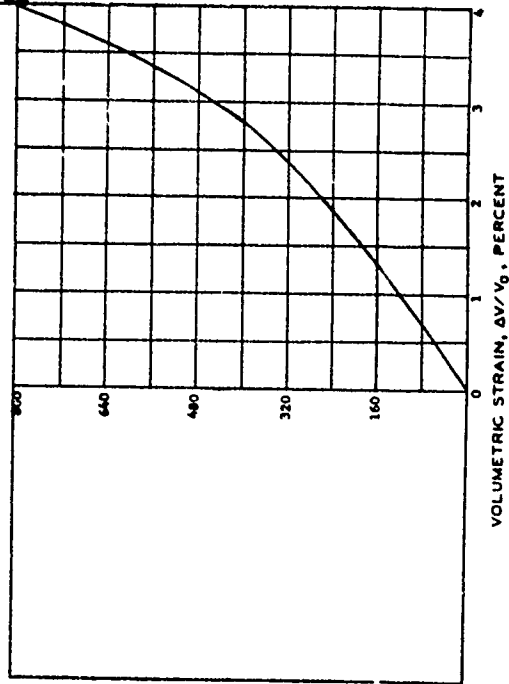
HYDROSTATIC PRESSURE, P, PSI

PROJECT	Ge Tech B-602		
AREA	Contract No. DAC49-67-C-0051		
BORING NO.	SAMPLE NO. 89		
DEPTH	DATE		
EL.			
LL	27	PL	15
			PI
DESCRIPTION	McComick Ranch Sand		

WATER CONTENT	W	10.30	%
VOID RATIO	e_0	0.41	
SATURATION	S_0	66.70	%
DRY DENSITY	γ_d	117.98	PCF
WET DENSITY	γ	130.13	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.52	CM
SPECIMEN HEIGHT	H_0	7.80	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

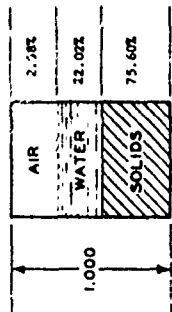
PROJECT Ca Tech B-402
Contract No. DMA39-67-C-0031

AREA _____

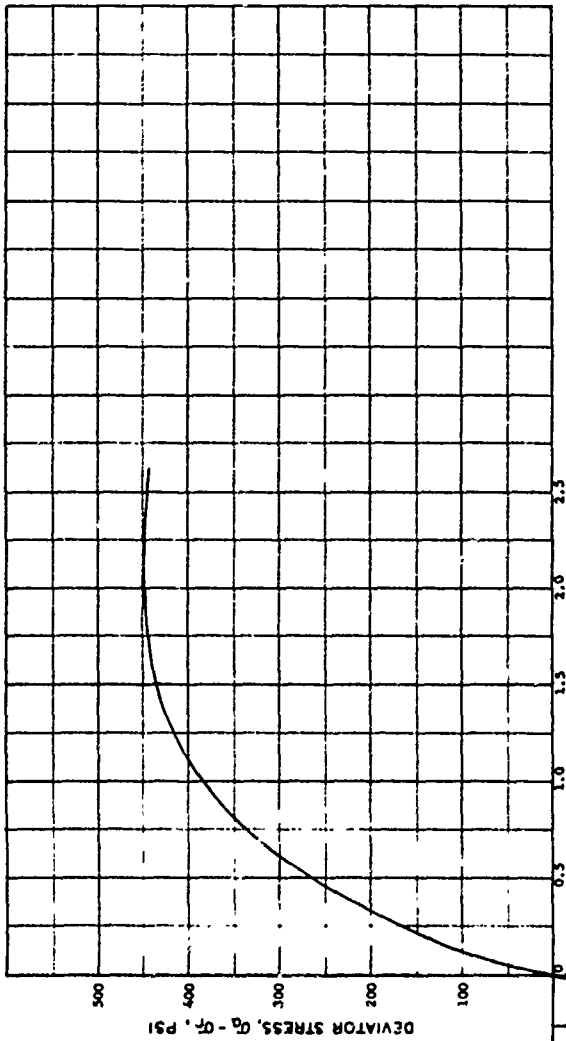
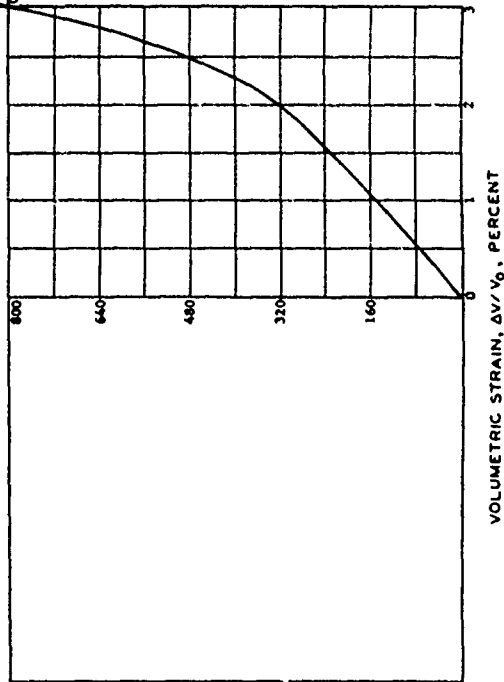
BORING NO. _____ SAMPLE NO. 15
DEPTH _____ DATE _____
ELL _____ PL 15 PI 12

DESCRIPTION McCombs Ranch Sand

WATER CONTENT	W	10.91	%
VOID RATIO	e_0	0.32	
SATURATION	S_0	90.75	%
DRY DENSITY	γ_d	135.95	PCF
WET DENSITY	γ	151.09	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.46	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE

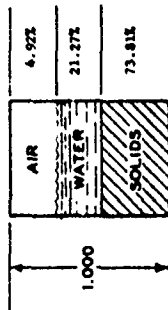


TRIAxIAL SHEAR PHASE

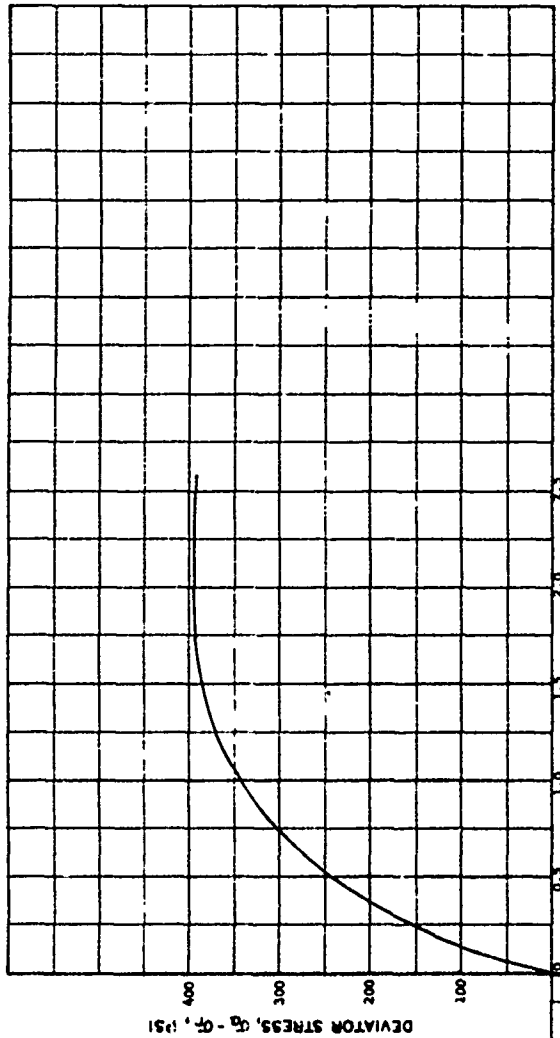
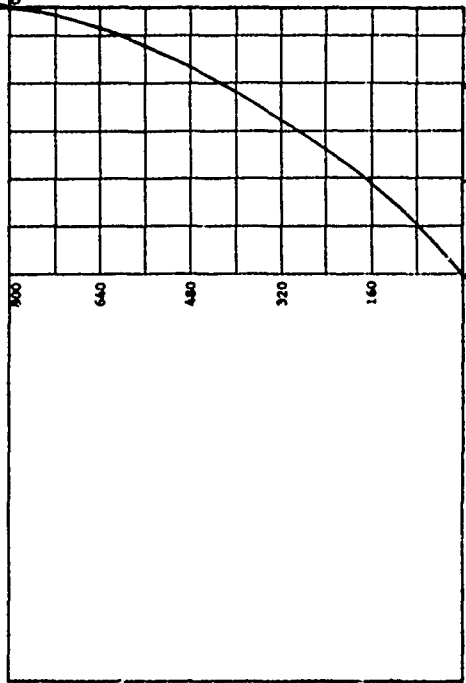
HYDROSTATIC PRESSURE, p , PSI

PROJECT		Ga Tech B-602:	
AREA		Contract No. DAC39-67-C-0031	
BORING NO.	SAMPLE NO.	DATE	
DEPTH	49		
EL.		PL	PI
LL	27	15	12
DESCRIPTION			
McComatch Ranch Sand			

WATER CONTENT	W	10.79	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	81.22	%
DRY DENSITY	γ_d	122.97	PCF
WET DENSITY	γ	136.24	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.56	CM



HYDROSTATIC COMPRESSION PHASE

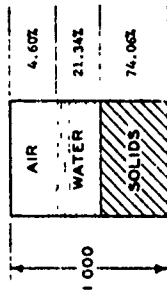


TRIAxIAL SHEAR PHASE

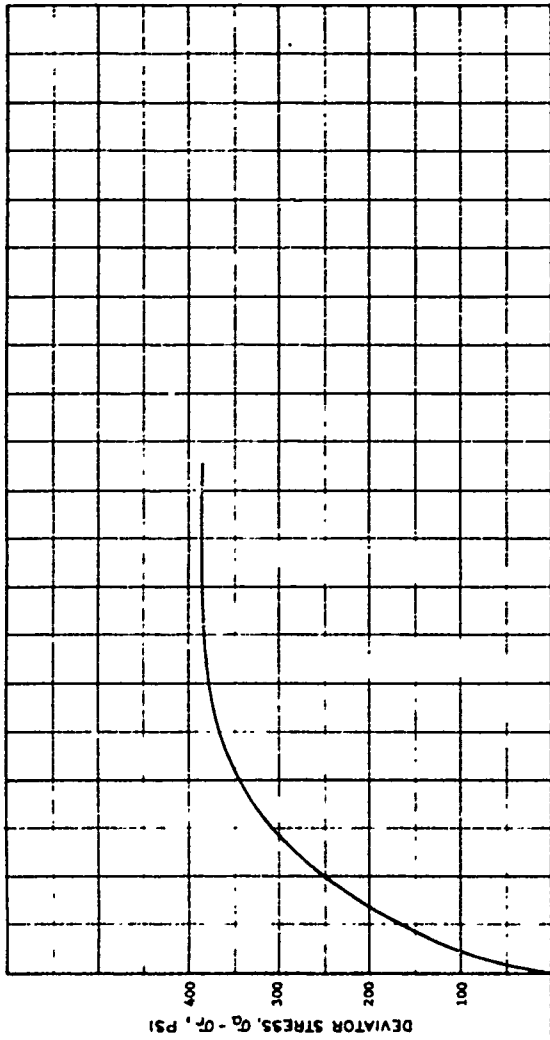
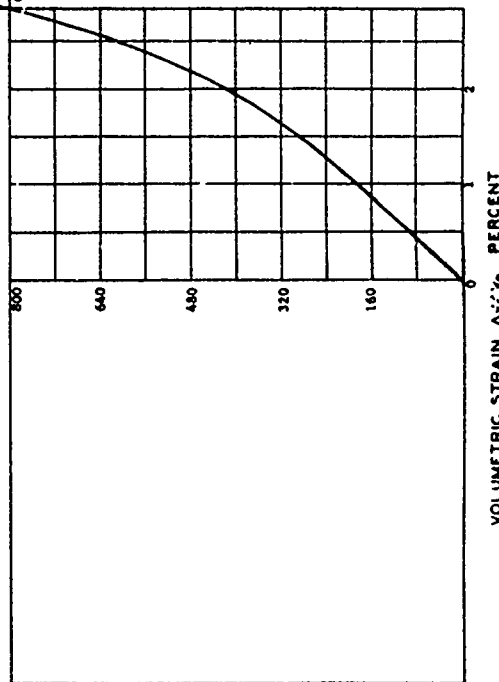
PROJECT	Ga Tech B-602	
AREA	Contract No. DMCA39-67-C-0031	
BORING NO.	SAMPLE NO.	70
DEPTH	DATE	
EL.	PL	15
LL	PL	12
DESCRIPTION	McComick Bench Sand	

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	10.79	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	82.28	%
DRY DENSITY	γ_d	123.39	PCF
WET DENSITY	γ	136.71	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE

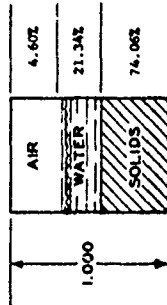


TRIAxIAL SHEAR PHASE

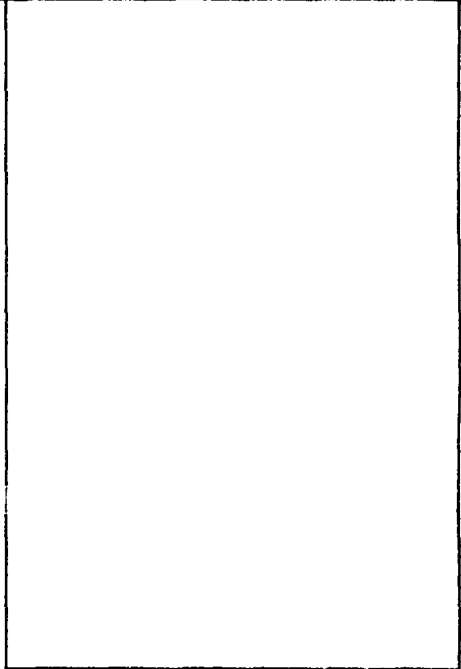
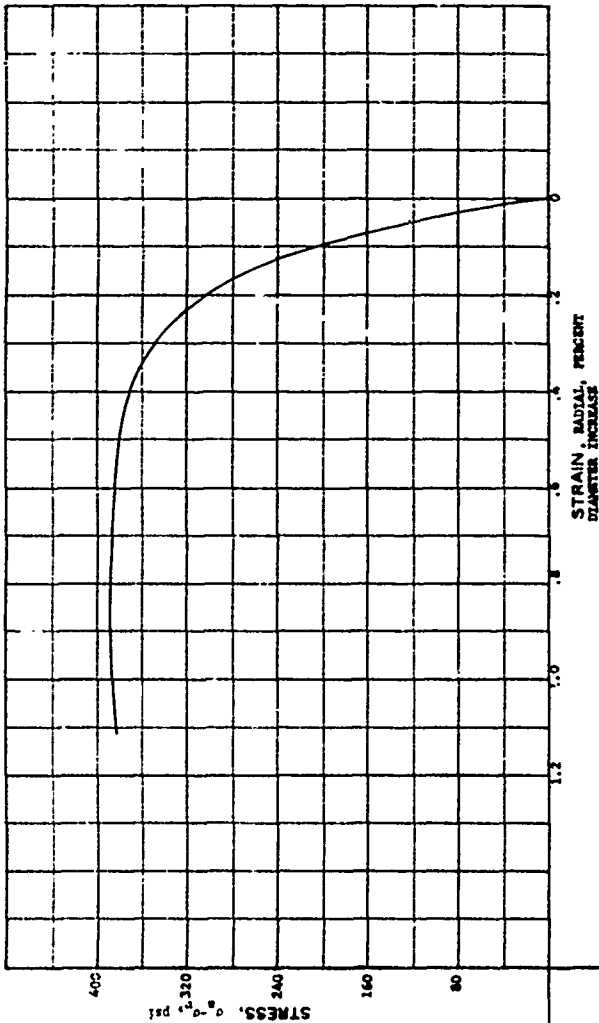
PROJECT	Ca Tech B-602	
Contract No.	DMAJ9-67-C-0031	
AREA		
BORING NO.	SAMPLE NO. 71	
DEPTH	DATE	
EL.		
LL 37	PL 15	PI 12
DESCRIPTION	McGonickel Beach Sand	

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	10.79	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	82.28	%
DRY DENSITY	γ_d	123.39	PCF
WET DENSITY	γ	136.71	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE

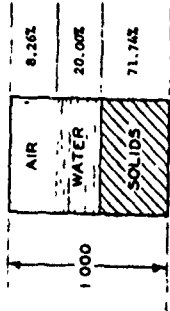


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

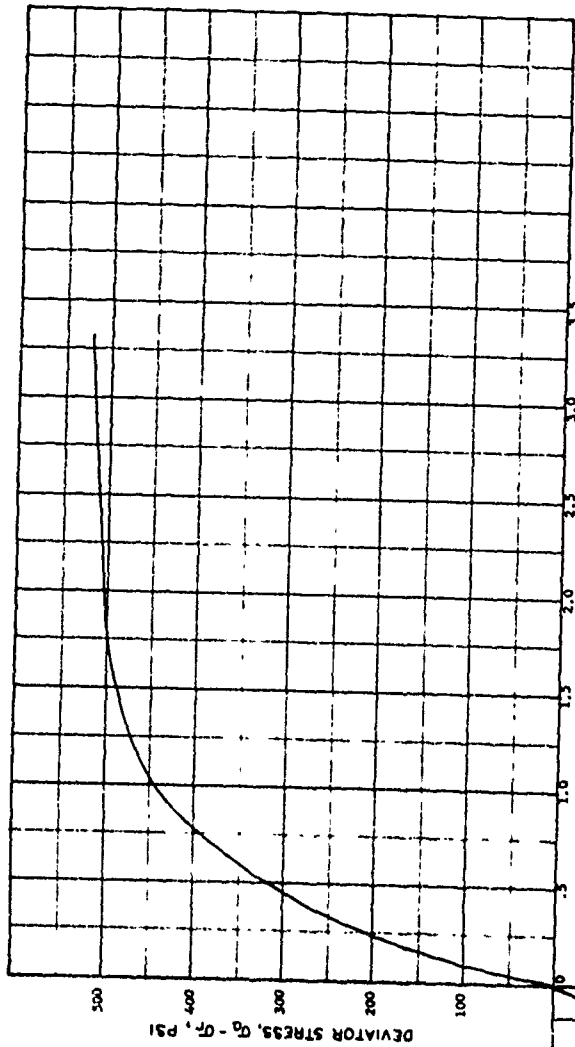
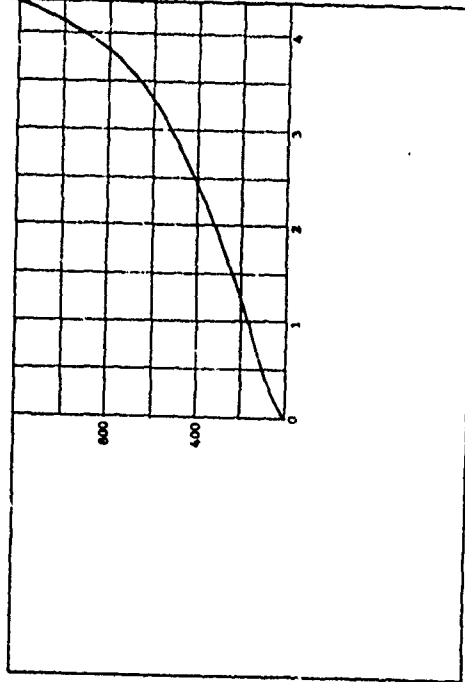
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Ca Tech 9-60Z	
AREA		Contract No. DCA39-67-C-0051	
BORING NO.	DEPT/EL	SAMPLE NO.	DATE
LL 27	PL 15	PI 12	
DESCRIPTION			
McComach Ranch Sand			

WATER CONTENT	W	10.44	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	70.78	%
DRY DENSITY	γ_d	119.53	PCF
WET DENSITY	γ	132.01	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.79	CM



HYDROSTATIC COMPRESSION PHASE



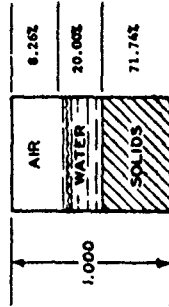
PROJECT Ca Tech B-602
CONFERENCE NO. RMD39-67-C-0051

AREA

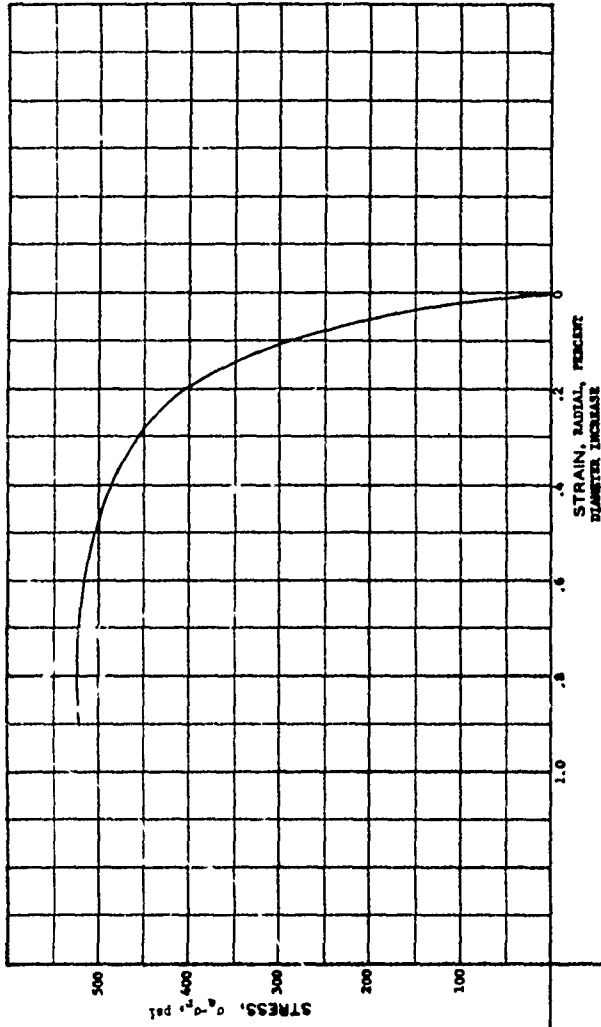
BORING NO. SAMPLE NO. 16
DEPTH DATE
EL. PL 15 PI 12

DESCRIPTION McCornick Ranch Sand

WATER CONTENT	W	10.44	%
VOID RATIO	e_0	0.39	
SATURATION	S_w	70.78	%
DRY DENSITY	γ_d	119.33	PCF
WET DENSITY	γ	132.01	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.79	CM

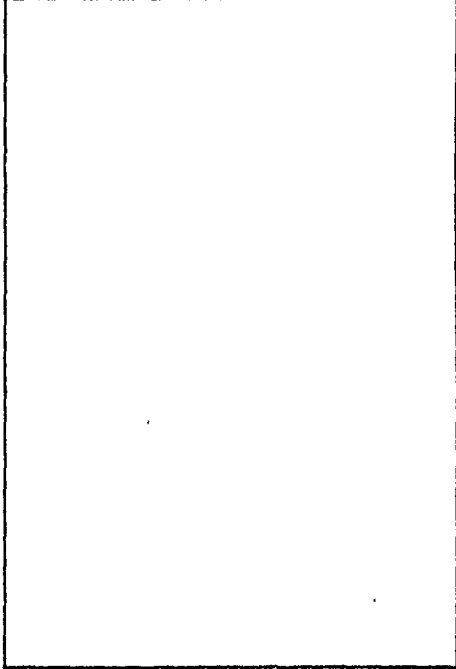


HYDROSTATIC COMPRESSION PHASE



42

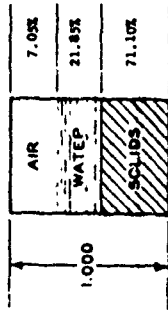
HYDROSTATIC PRESSURE, p , PS



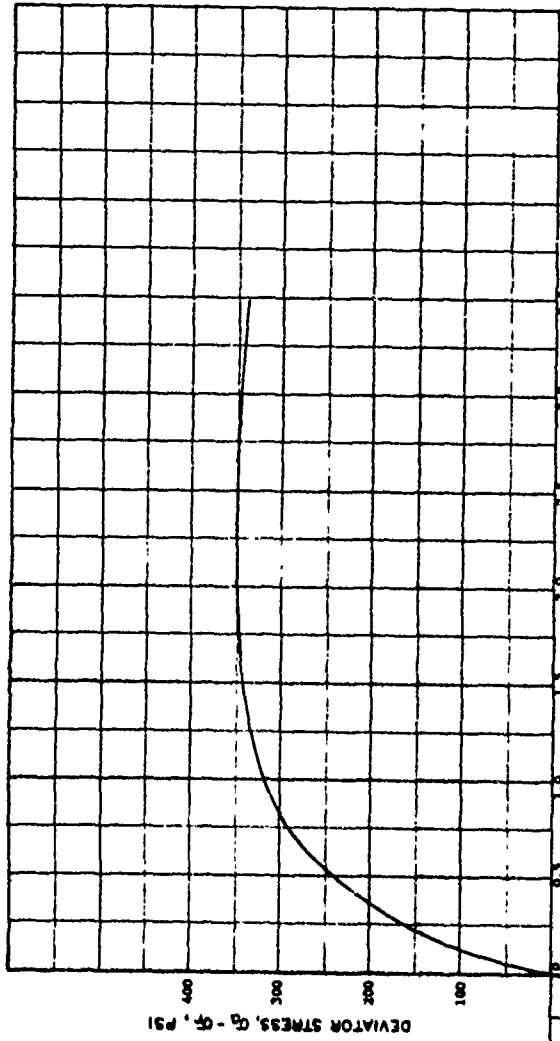
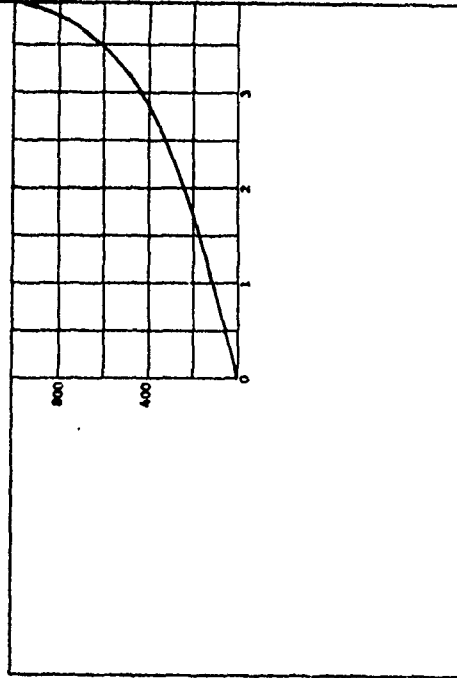
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Ga Tech B-602:		
	Contract No. DMCAS-67-C-0031		
AREA			
BORING NO.	SAMPLE NO. 10		
DEPTH	DATE		
EL.	PL 27	PL 15	PL 12
DESCRIPTION	McGraw-Hill Beach Sand		

WATER CONTENT	W	11.51 %
VOID RATIO	e_0	0.41
SATURATION	S_v	73.60 %
DRY DENSITY	γ_d	118.48 PCF
WET DENSITY	γ	32.09 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.83 CM

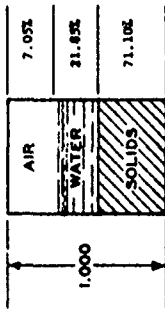


HYDROSTATIC COMPRESSION PHASE

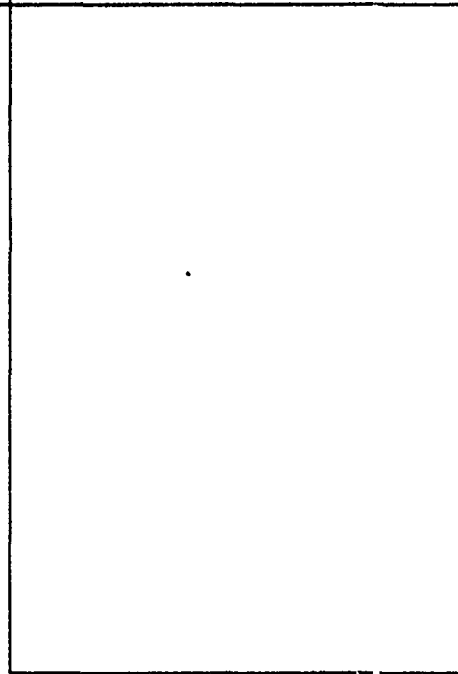


PROJECT	Ca Tech 8-6051		
AREA	Contract No. DMAS-67-C-0051		
BORING NO.	SAMPLE NO.	DATE	
DEPTH	27	PL	15
EL.		PI	12
DESCRIPTION	McComick March Sand		

WATER CONTENT	W	11.51	%
VOID RATIO	e_0	0.41	
SATURATION	S_g	75.60	%
DRY DENSITY	γ_d	118.46	PCF
WET DENSITY	γ	132.09	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.83	CM

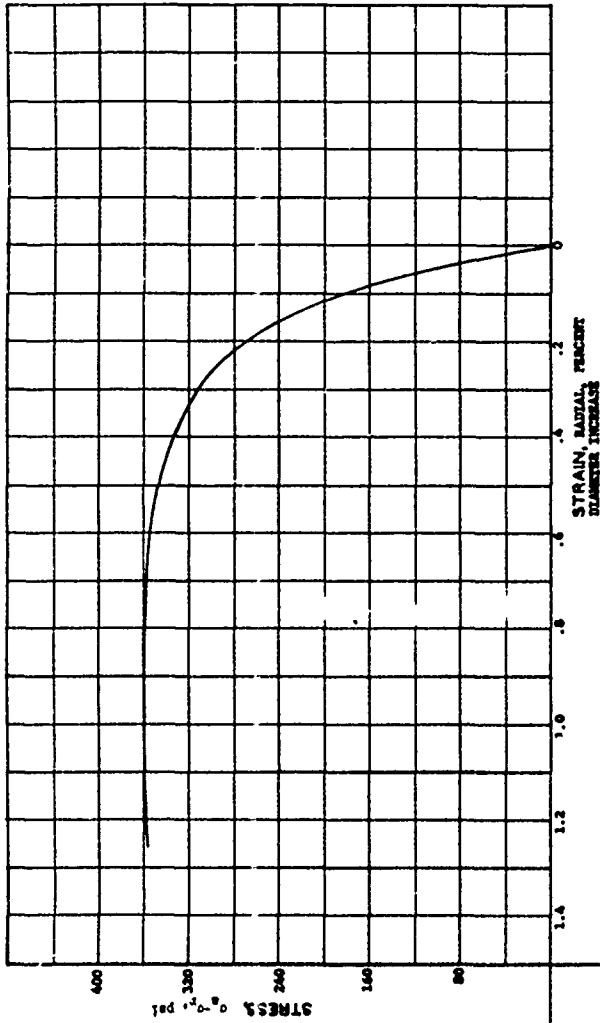


HYDROSTATIC COMPRESSION PHASE



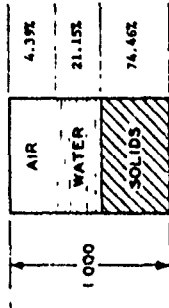
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

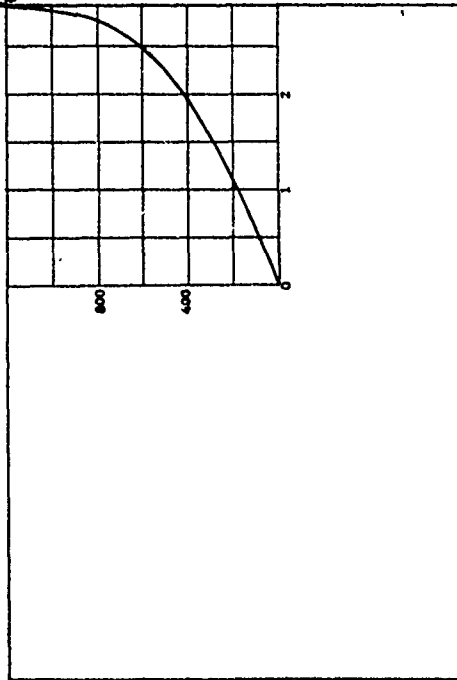


PROJECT		On Tech B-602;	
		Contract No. DMCA39-67-C-0031	
AREA			
BORING NO.	SAMPLE NO. 27		
DEPTH	DATE		
LL 27	PL 15	PI 12	
DESCRIPTION McCordet Beach Sand			

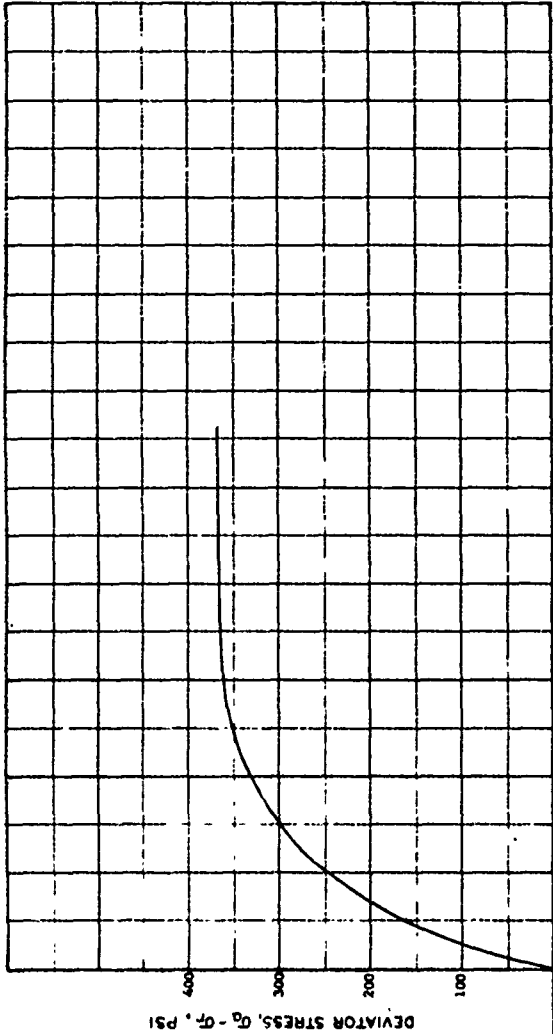
WATER CONTENT	W	10.64	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	82.81	%
DRY DENSITY	γ_d	124.05	PCF
WET DENSITY	γ	137.25	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT On Tech 3-6021
 Contract No. DMC139-67-C-0021

AREA _____

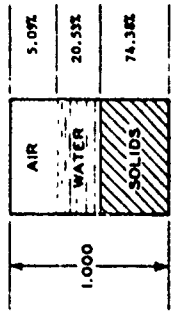
BORING NO. _____ SAMPLE NO. 34
 DEPTH _____ DATE _____
 EL. _____

LL 27 PL 15 PI 12

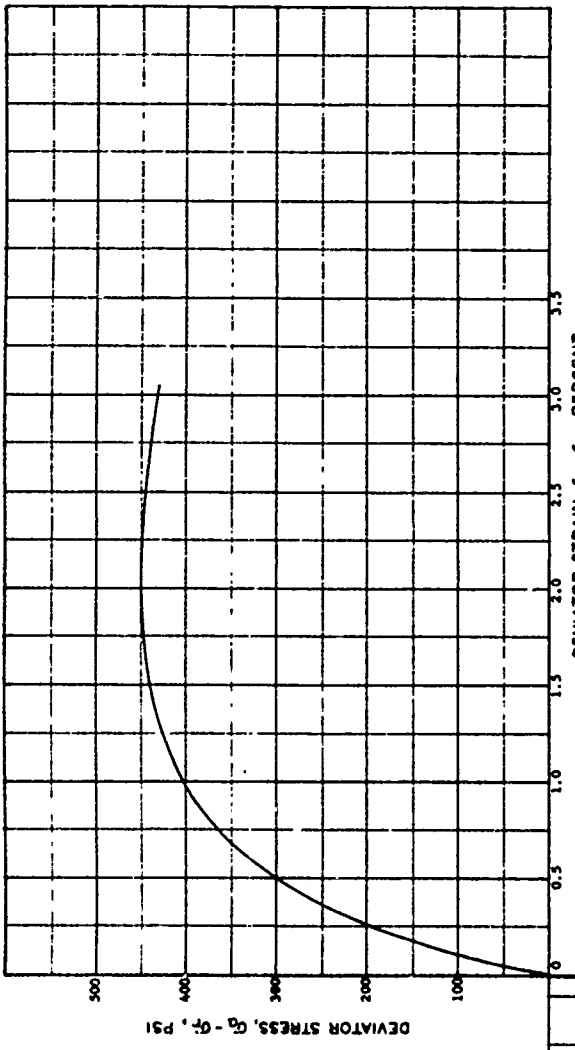
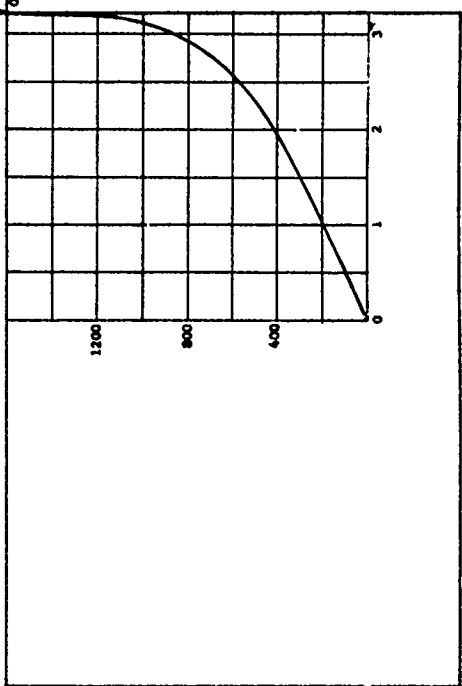
DESCRIPTION McCormick Ranch Sand

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	10.34 %
VOID RATIO	e_0	0.3445
SATURATION	S_0	80.14 %
DRY DENSITY	γ_d	123.89 PCF
WET DENSITY	γ	136.73 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT Ge Tech 3-602
 Contract No. DMA39-47-C-0031

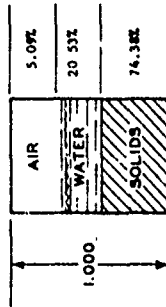
AREA _____

BORING NO. _____ SAMPLE NO. 35
 DEPTH _____ DATE _____
 E.L. _____

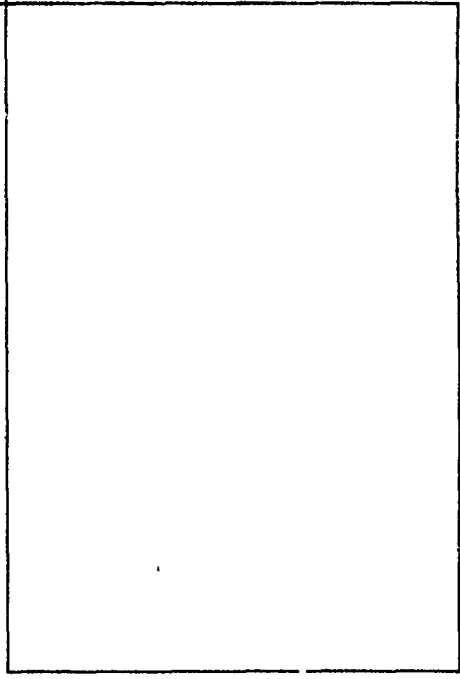
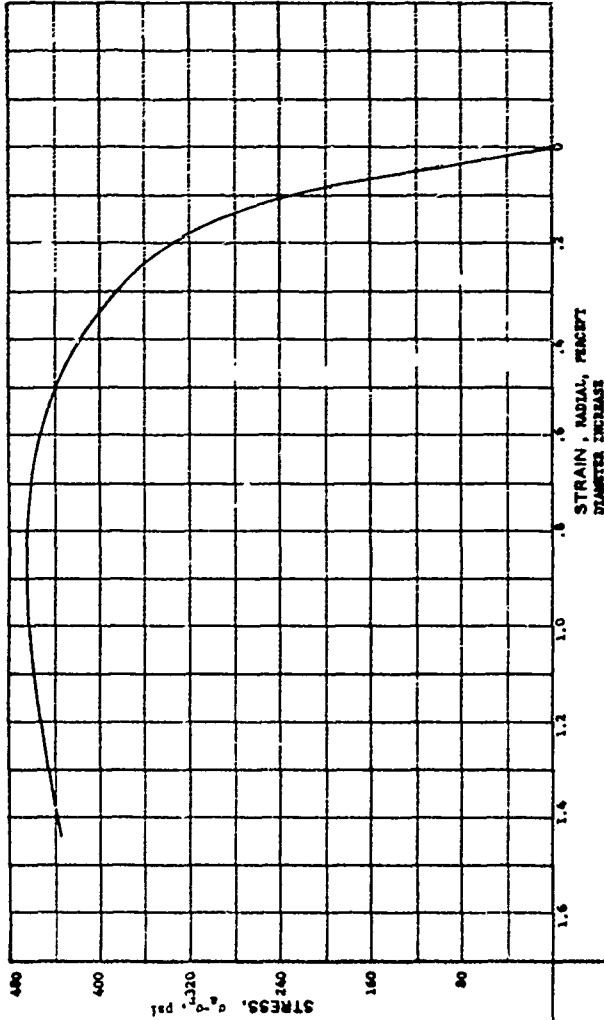
LL 27 PL 15 P1 12

DESCRIPTION McComick Ranch sand

WATER CONTENT	W	10.34	%
VOID RATIO	e_0	0.3445	
SATURATION	S_0	80.14	%
DRY DENSITY	γ_d	123.92	PCF
WET DENSITY	γ	136.73	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

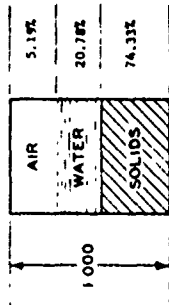


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

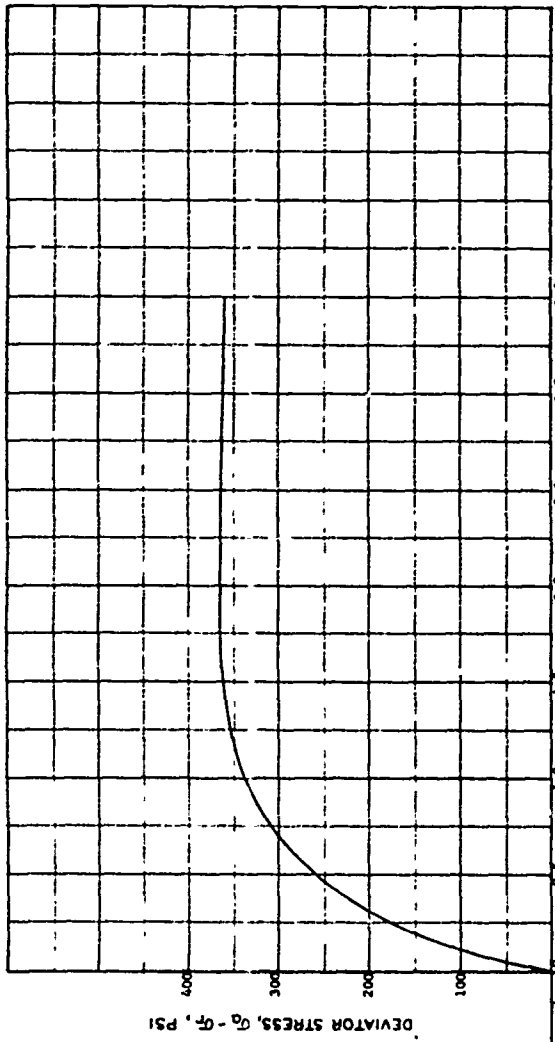
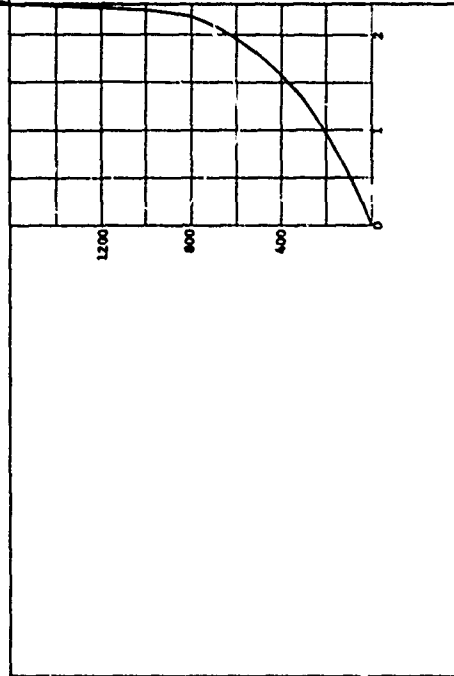
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Ga. Tech 8-602:	
CONTRACT NO.		DMA39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.		35
DEPTH	DATE		
EL	PL	13	PI 12
DESCRIPTION: McCombs Bench Sand			

WATER CONTENT	W	10.51	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	80.02	%
DRY DENSITY	γ_d	123.36	PCF
WET DENSITY	γ	136.31	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

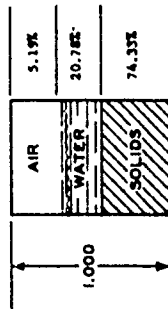
PROJECT Ca Tech B-602
 CONTRACT NO. DMCJ33-67-C-0031

AREA _____

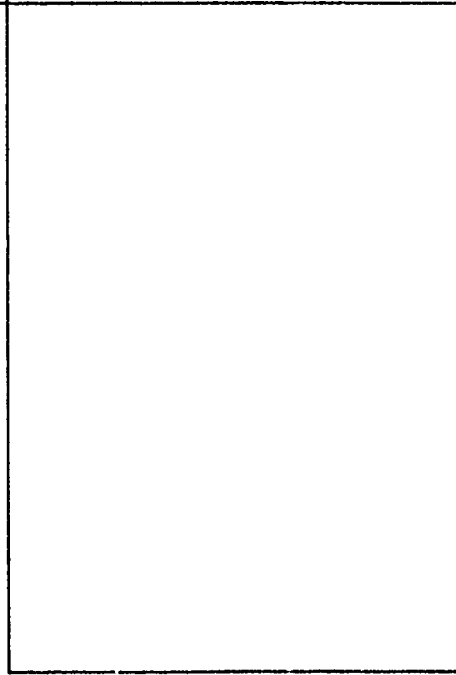
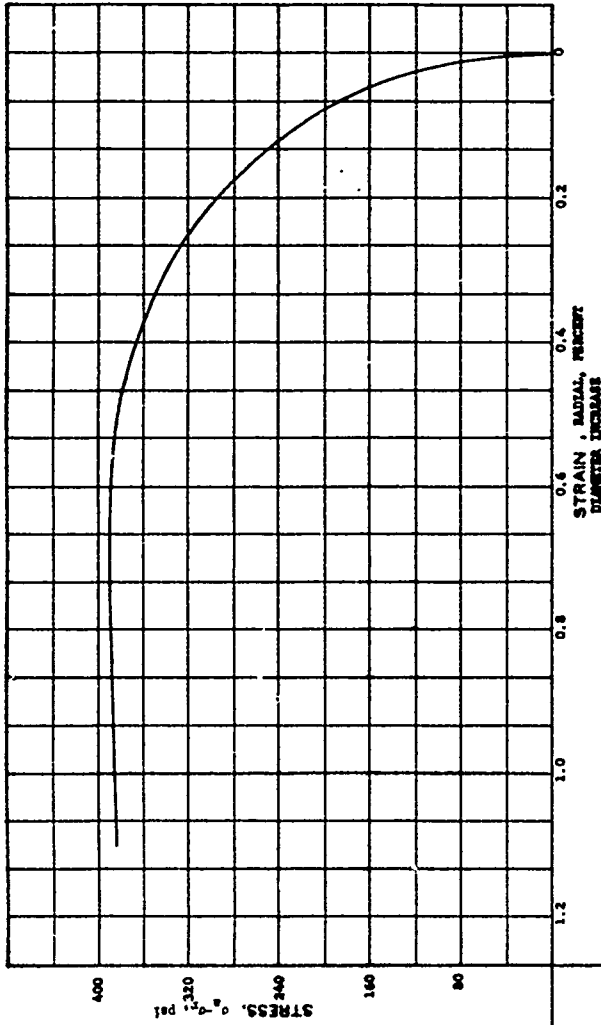
BORING NO. _____ SAMPLE NO. 44
 DEPTH _____ DATE _____
 EL _____ PL 15 PI 12

DESCRIPTION McCormick Beach Sand

WATER CONTENT	W	10.51	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	80.02	%
DRY DENSITY	γ_d	123.34	PCF
WET DENSITY	γ	136.31	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE

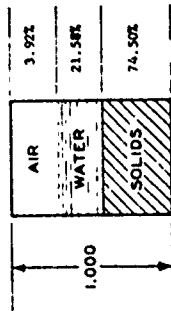


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

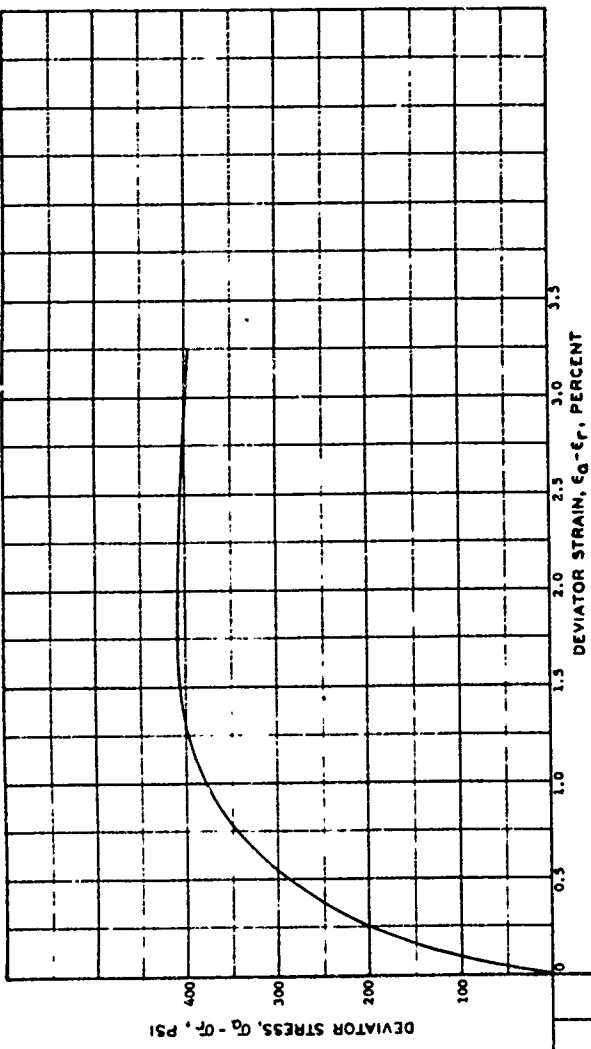
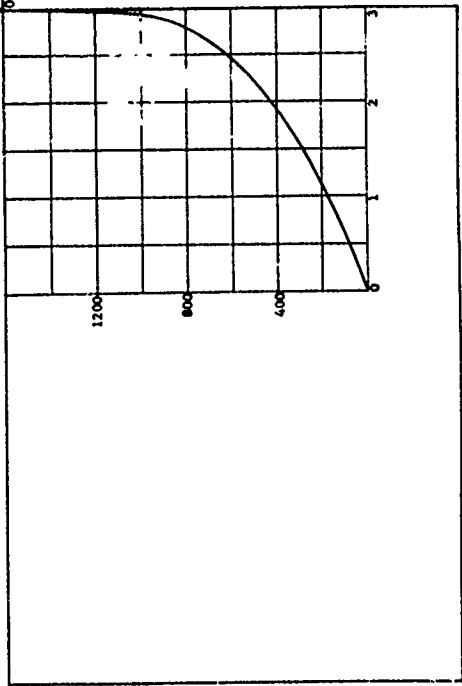
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Ga Tech 3-603,	
CONTRACT NO.		DAC39-67-C-0031	
AREA	BORING NO.	DEPTH	SAMPLE NO. 44
EL.	DATE	PL	PI 13
LL 37	PL 15	PI 13	
DESCRIPTION			
McCombsch Beach Sand			

WATER CONTENT	W	10.85	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	84.61	%
DRY DENSITY	γ_d	126.11	PCF
WET DENSITY	γ	137.58	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE

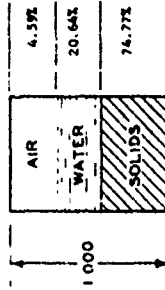


TRIAxIAL SHEAR PHASE

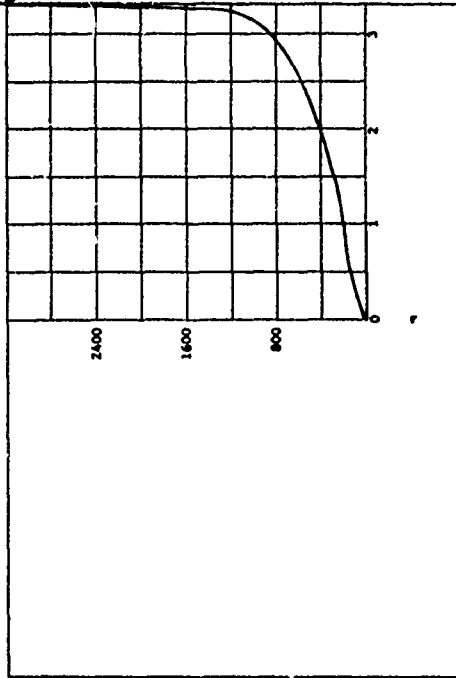
PROJECT Ga Tech 3-602;
Contract No. DAC439-67-C-0031

AREA _____ BORING NO. _____ SAMPLE NO. 48
DEPTH _____ DATE _____
EL. _____ PL 15 P1 13
DESCRIPTION McCormick Ranch sand

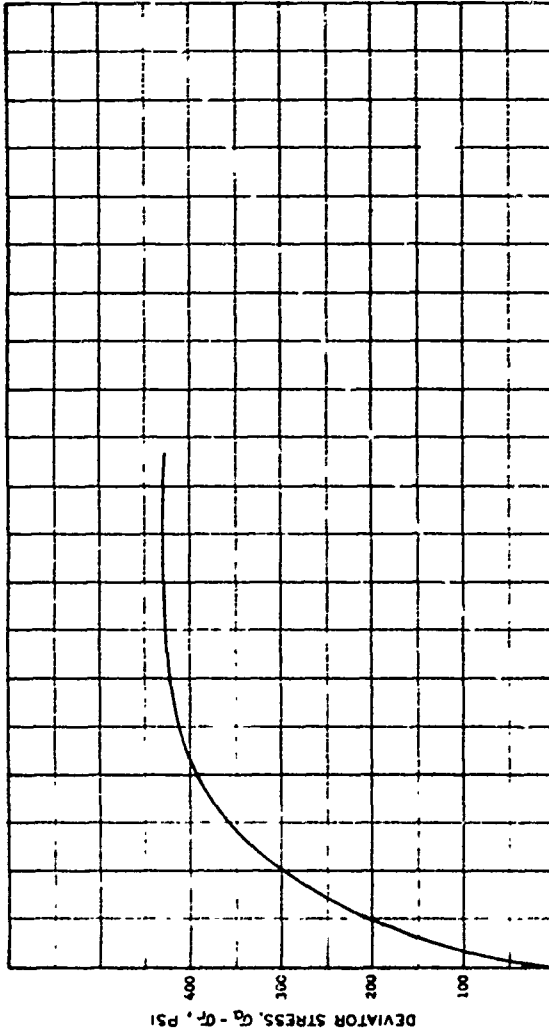
WATER CONTENT	W	10.34	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.81	%
DRY DENSITY	γ_d	124.37	PCF
WET DENSITY	γ	137.45	PCF
SPLC.F.C GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT 04 Tech B-602;
Contract No. DMC39-67-C-0031

AREA _____

BORING NO. _____ SAMPLE NO. 41

DEPTH _____ DATE _____

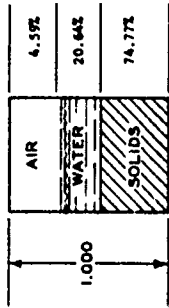
EL _____

LL 27 PI 15 PL 18

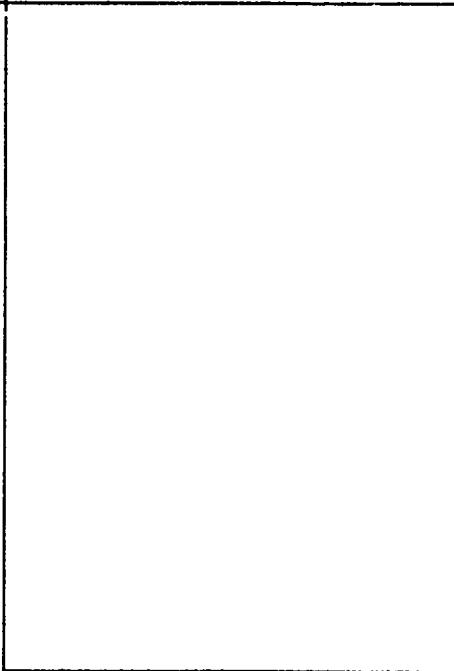
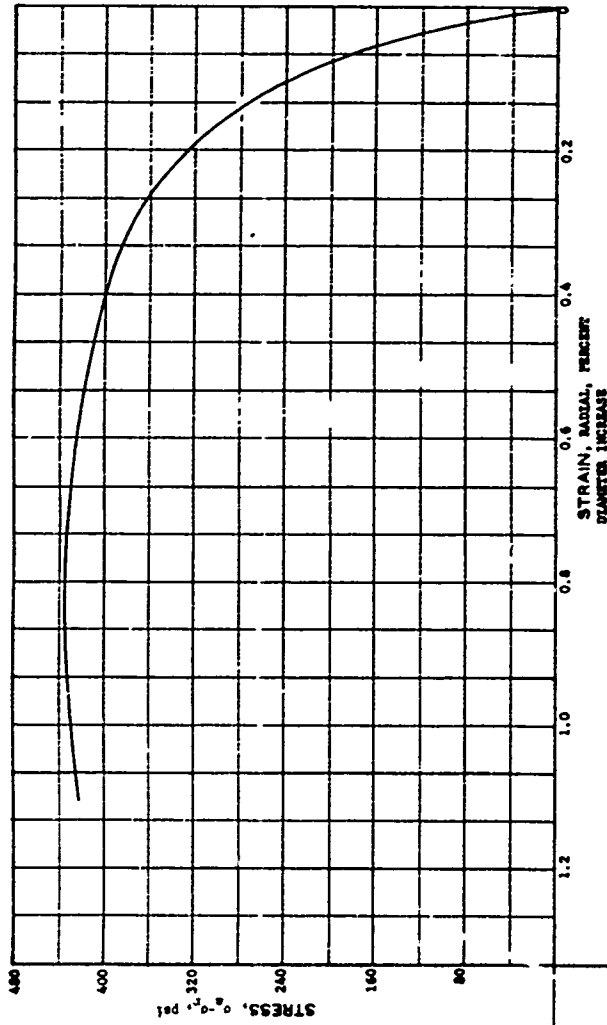
DESCRIPTION McCormick Beach Sand

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	10.36	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.81	%
DRY DENSITY	γ_d	124.37	PCF
WET DENSITY	γ	137.45	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

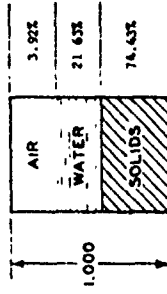


HYDROSTATIC PRESSURE, p , PSI

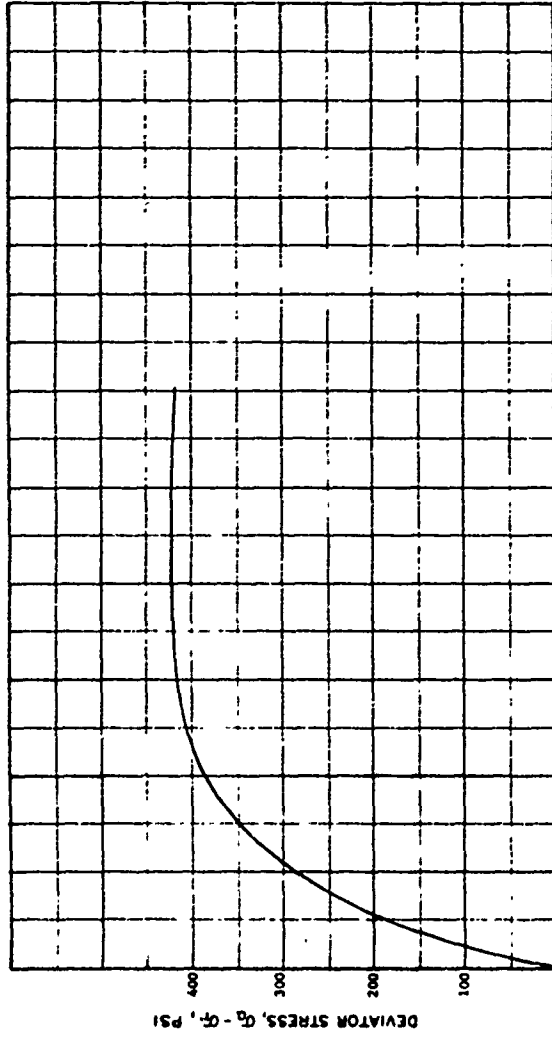
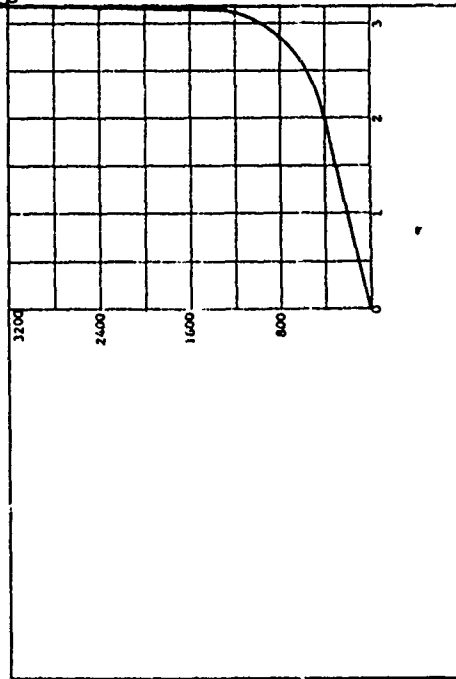
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		On Tech B-602:	
Contract No. DMCA39-67-C-0031			
AREA	BORING NO.	SAMPLE NO. 41	
	DEPTH	DATE	
LL	27	PL	13
		PI	13
DESCRIPTION McDermick Beach Sand			

WATER CONTENT	W	10.89	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	84.67	%
DRY DENSITY	γ_d	124.00	PCF
WET DENSITY	γ	137.51	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.58	CM



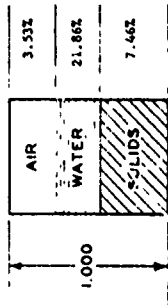
HYDROSTATIC COMPRESSION PHASE



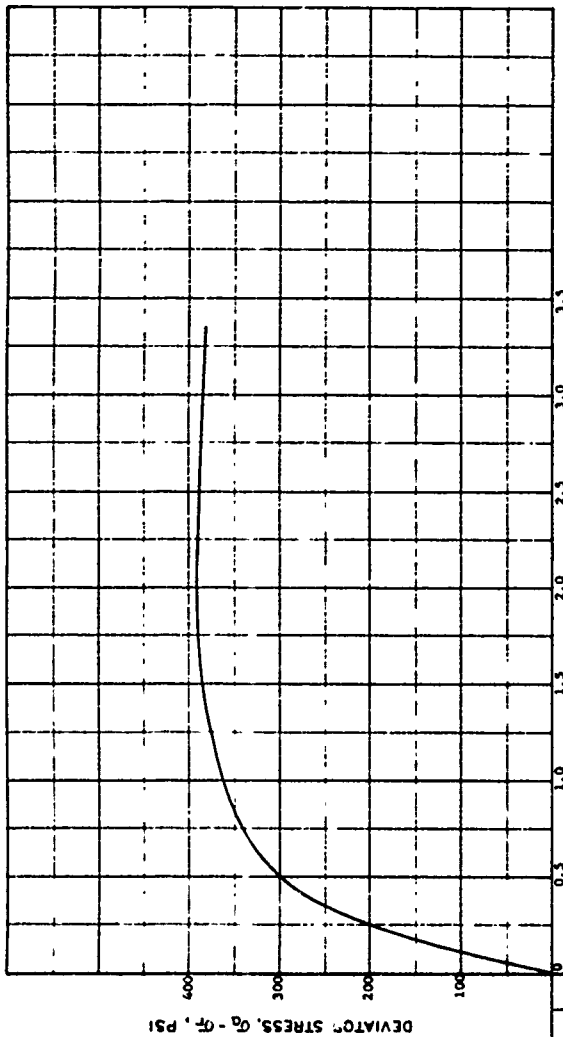
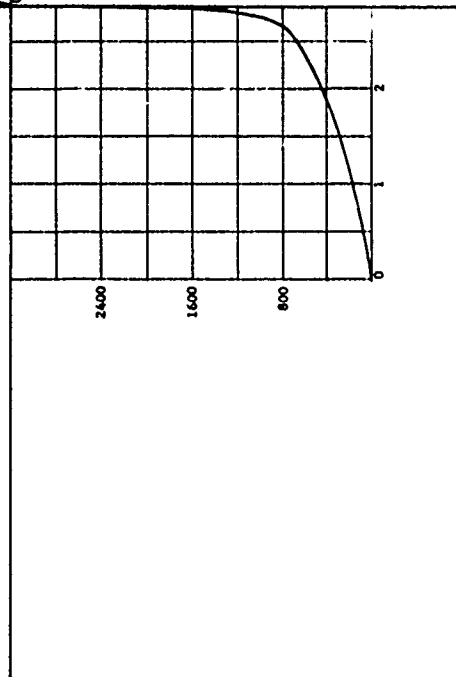
PROJECT Ca Tech B-402
 Contract No. DAC39-67-C-0051

AREA _____
 BORING NO. _____ SAMPLE NO. 43
 DEPTH _____ DATE _____
 E.L. _____
 LL 27 PL 15 PI 12
 DESCRIPTION McComick Branch Sand

WATER CONTENT	W	10.98	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	86.11	%
DRY DENSITY	γ	124.30	PCF
WET DENSITY	γ	137.95	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE

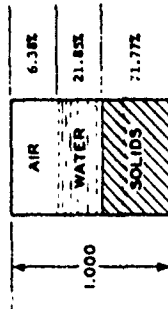


TRIAxIAL SHEAR PHASE

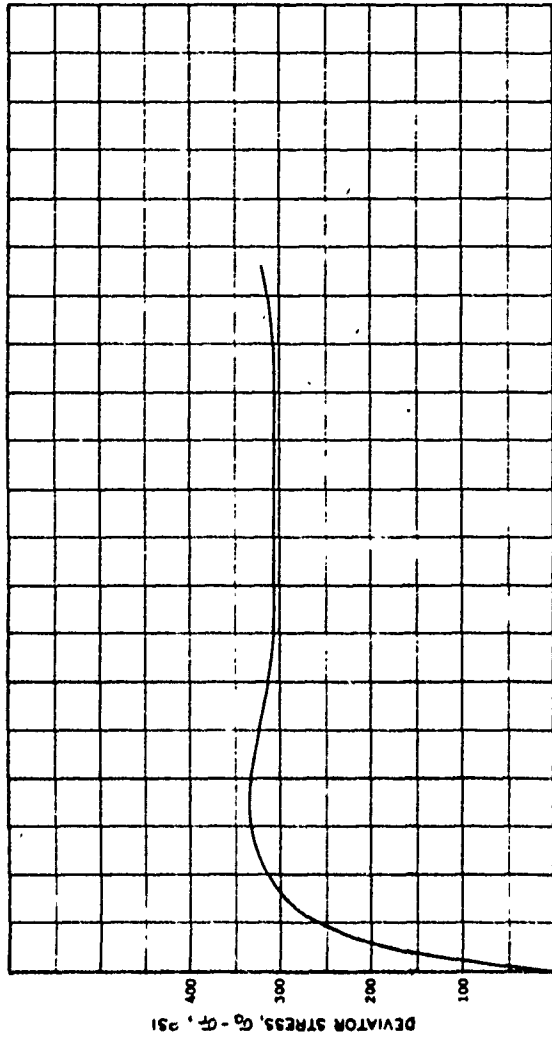
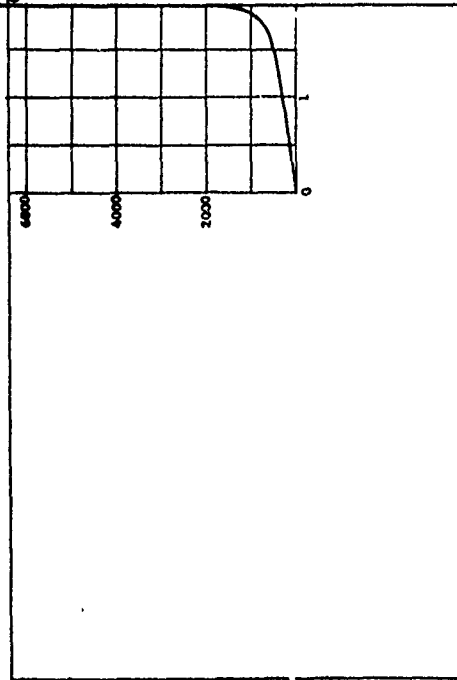
PROJECT	Ga Tech B-602:	
CONTRACT NO.	DAC39-67-C-0031	
AREA		
BORING NO.		SAMPLE NO. 55
DEPTH		DATE
EL.		PL 15
LL 37		PI 12
DESCRIPTION	McCormick Ranch Sand	

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	11.40	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.40	%
DRY DENSITY	γ_d	119.37	PCF
WET DENSITY	γ	133.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.54	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



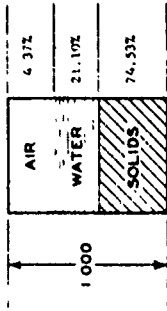
TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p_1 , PSF

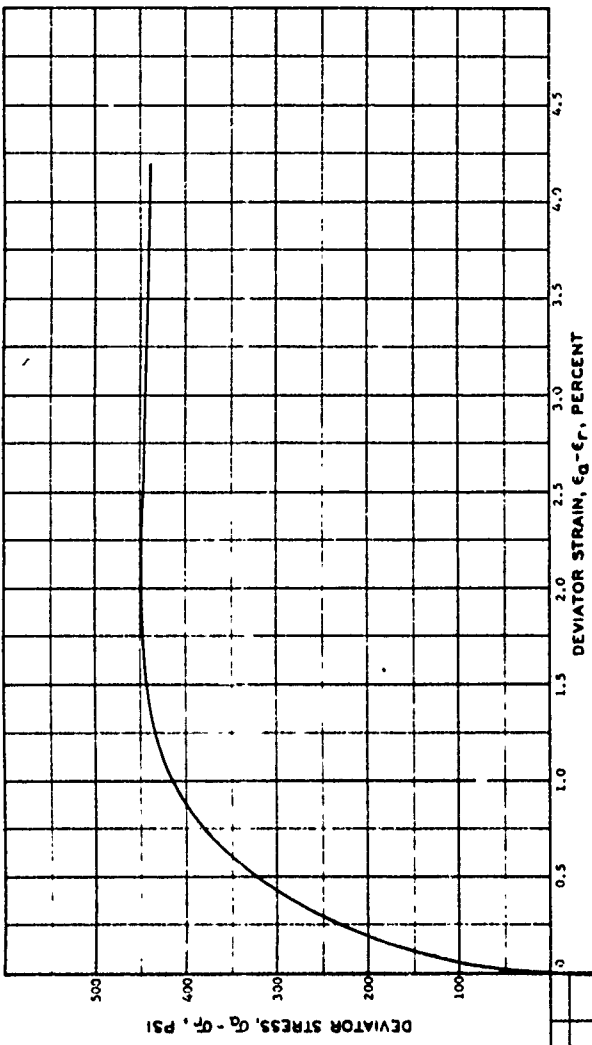
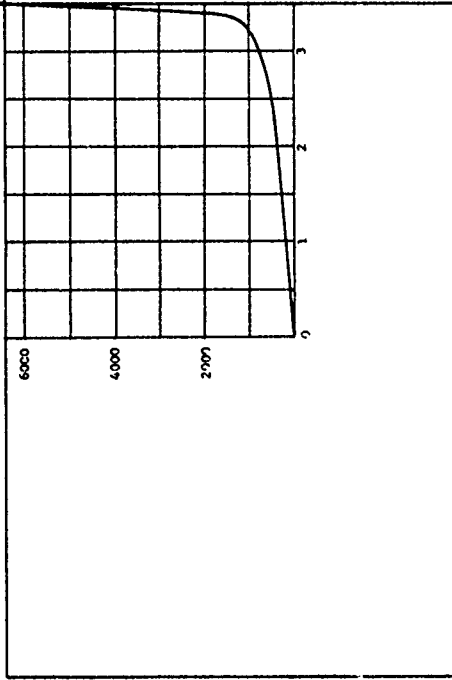
PROJECT	Ca Tech B-602	SAMPLE NO.	39
Contract No.	DMA39-67-G-0051	DEPTH	
AREA		EL.	
LL	27	PL	15
DESCRIPTION	McCormack Ranch Sand	PI	12

VOLUMETRIC STRAIN, $\Delta v / v_0$, PERCENT

WATER CONTENT	W	10.60	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	82.85	%
DRY DENSITY	γ_d	124.18	PCF
WET DENSITY	γ	137.34	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

33

HYDROSTATIC PRESSURE, p , PSF

PROJECT Ge Tech B 602
Contract No. DAC39 67-C 0031

AREA _____

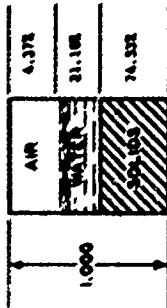
BORING NO. _____ SAMPLE NO. 42
DEPTH _____ DATE _____
EL. _____

LL 27 PL 15 PI 12

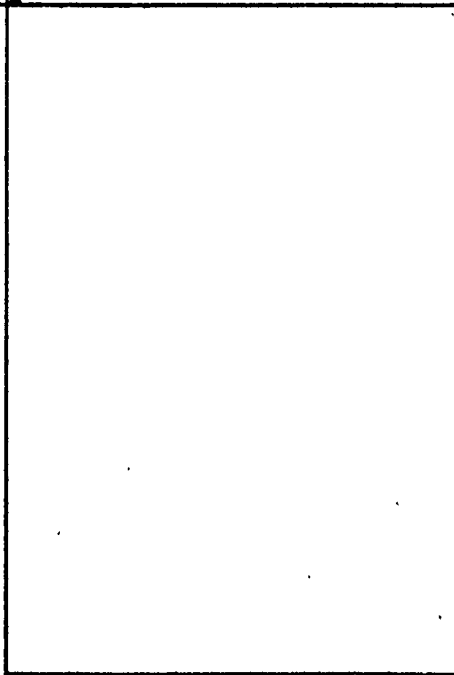
DESCRIPTION McCornick Ranch sand

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

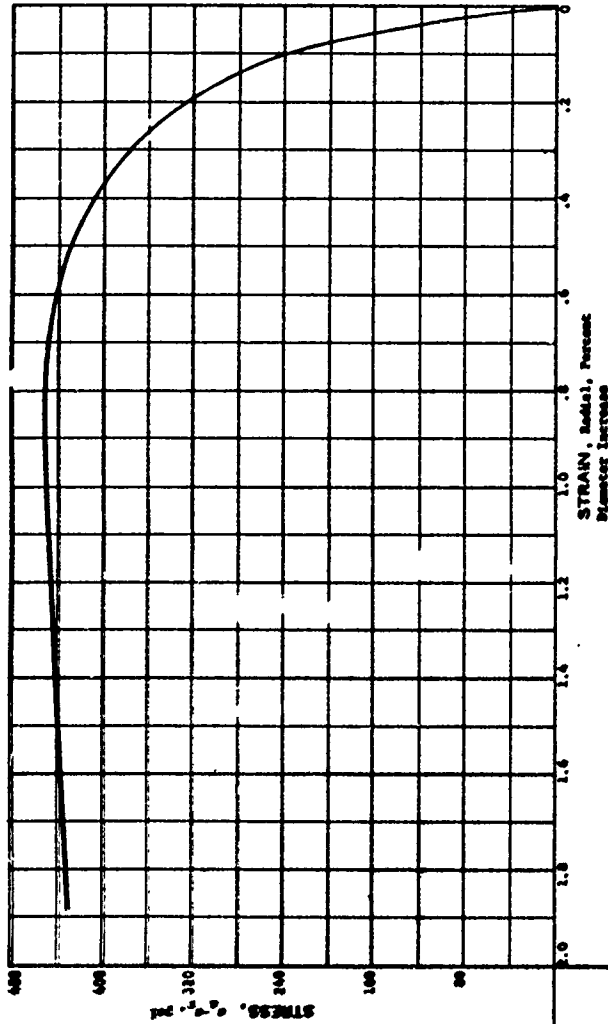
WATER CONTENT	W	10.00	%
VOID RATIO	e_v	0.34	
SATURATION	S_r	82.85	%
DRY DENSITY	γ_d	124.18	PCF
WET DENSITY	γ	137.34	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_s	3.90	CM
SPECIMEN HEIGHT	H_s	7.55	CM



HYDROSTATIC COMPRESSION PHASE



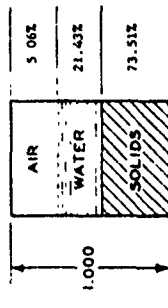
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



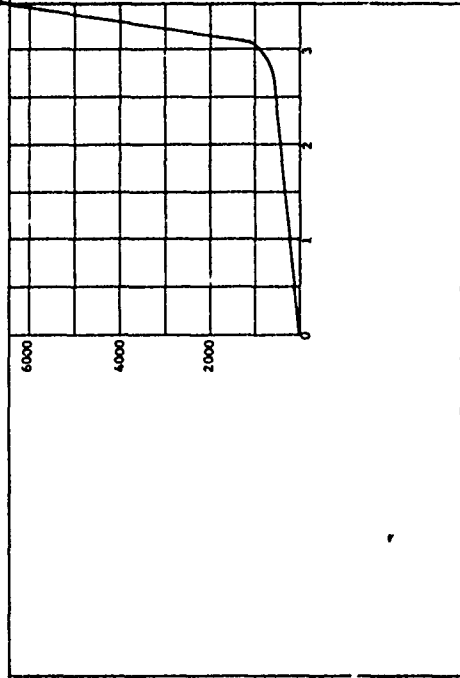
PROJECT		Ga Tech 3-662.	
AREA		Contract No. MC339-67-4-0051	
BORING NO.	DEPTH	SAMPLE NO.	DATE
LL	PL	PI	12
DESCRIPTION			
McComick Beach Sand			

HYDROSTATIC PRESSURE, p, PSI

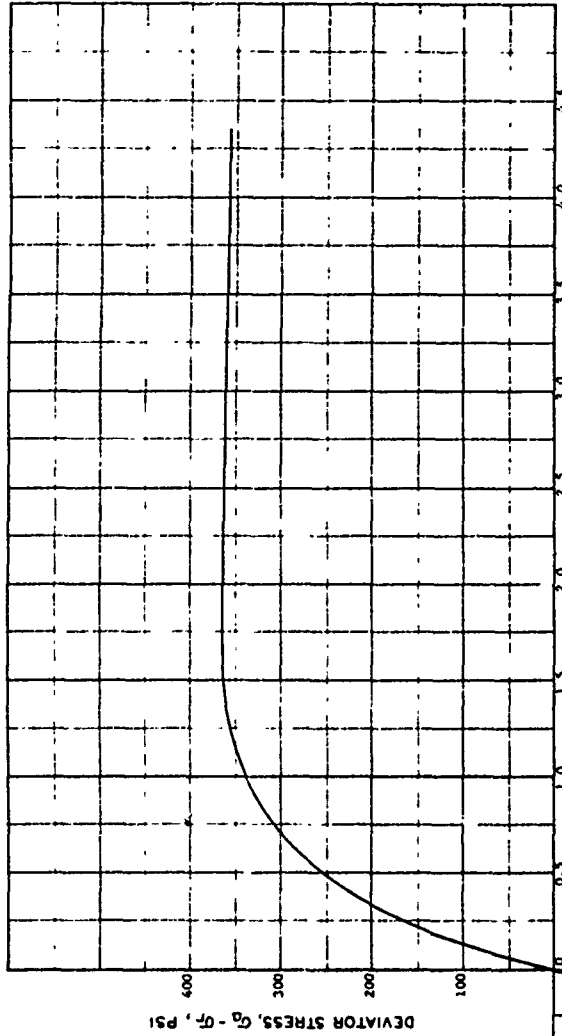
WATER CONTENT	W	10.92	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	80.90	%
DRY DENSITY	γ_d	122.48	PCF
WET DENSITY	γ	135.85	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.36	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

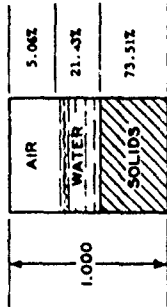


DEVIATOR STRAIN, $\epsilon_d - \epsilon_f$, PERCENT
TRIAxIAL SHEAR PHASE

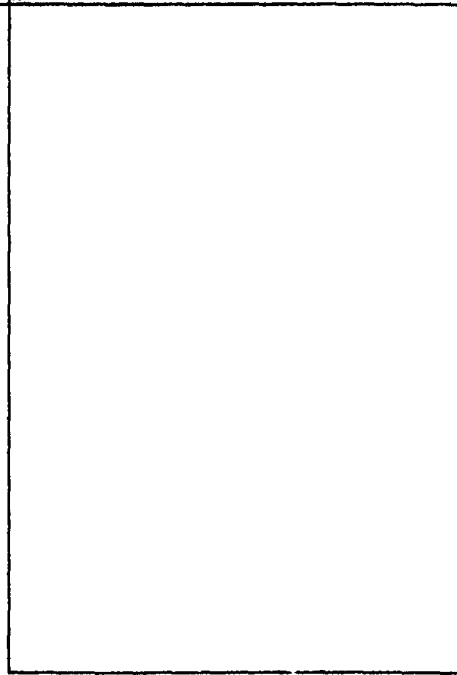
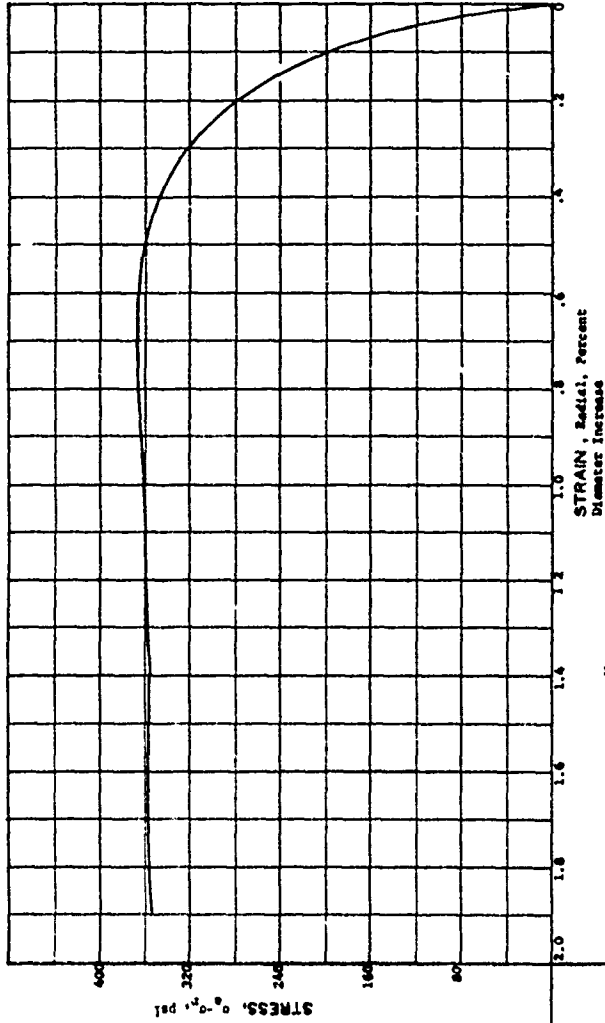
PROJECT	Ga Tech B-602	
	Contract No. DM039-67-C-0031	
AREA		
BORING NO.		SAMPLE NO. 56
DEPTH		DATE
EL		
LL 27	PL 15	PI 12
DESCRIPTION	McComick Ranch Sand	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.92	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	80.90	%
DRY DENSITY	γ_d	122.48	PCF
WET DENSITY	γ	135.85	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.56	CM



HYDROSTATIC COMPRESSION PHASE

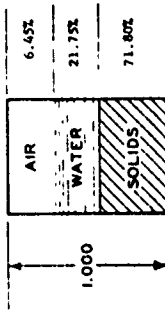


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

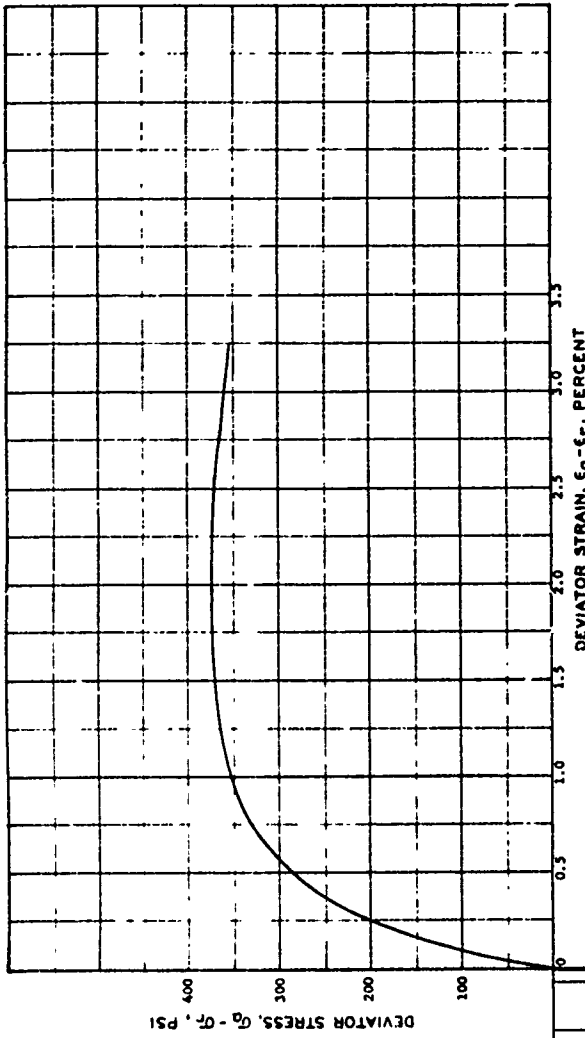
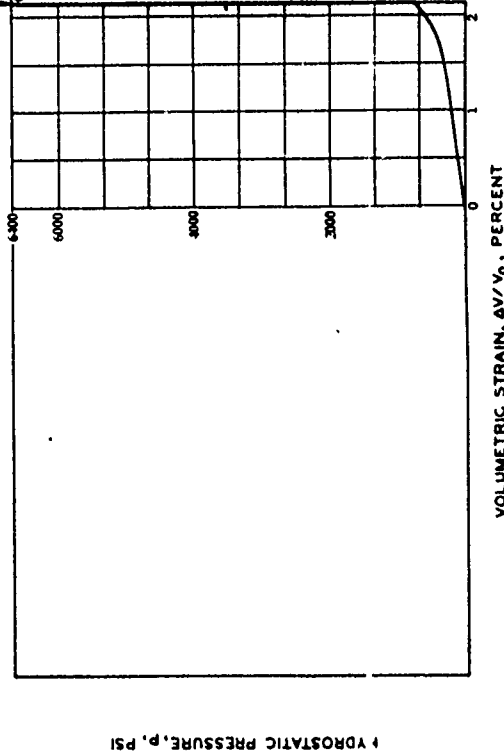
HYDROSTATIC PRESSURE, p, PSI

PROJECT	Ga Tech B-602;		
	Contract No. DMC39-67-C-0031		
AREA			
BORING NO.	SAMPLE NO. 36		
DEPTH	DATE		
EL			
LL	27	PL	15 P1 12
DESCRIPTION	McCormick Mach sand		

WATER CONTENT	W	11.36	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.13	%
DRY DENSITY	γ_d	119.63	PCF
WET DENSITY	γ	133.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.55	CM
DEFLECTIVE HEIGHT	M_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT Ga Tech 8-602.

Contract No. DMCJ9-67-C-0051

AREA

BORING NO.

SAMPLE NO. 61

DEPTH

DATE

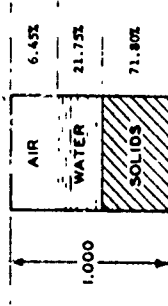
LL 27

PL 15

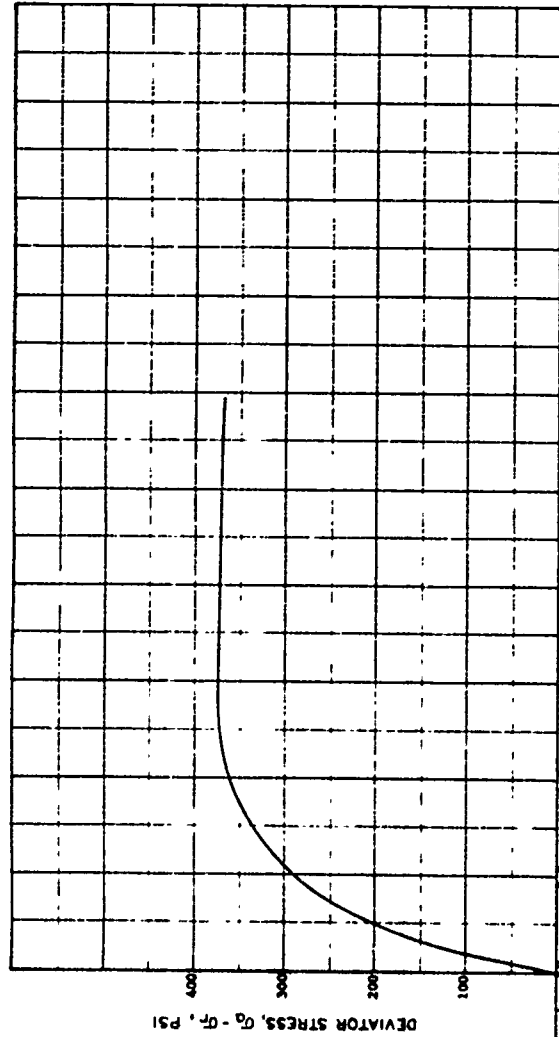
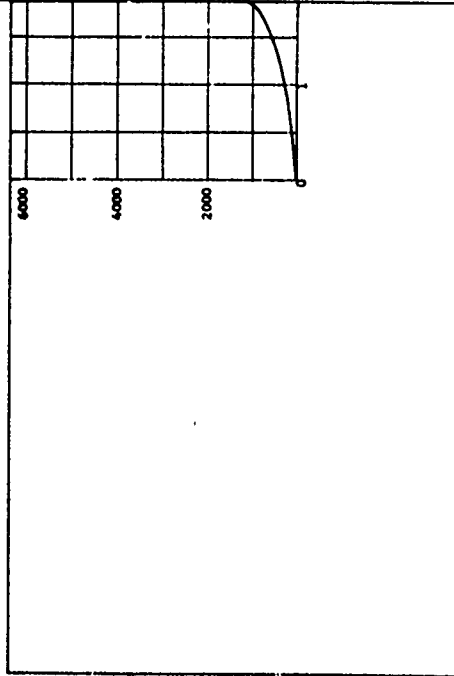
P1 12

DESCRIPTION McComick Beach Sand

WATER CONTENT	W	11.34	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.13	%
DRY DENSITY	γ_d	119.63	PCF
WET DENSITY	γ	133.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.35	CM
SPECIMEN HEIGHT	H_0	7.35	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

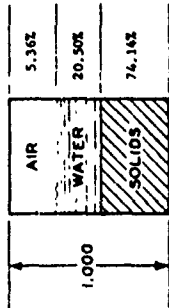
HYDROSTATIC PRESSURE, p , PSI

PROJECT Ga Tech 8-602
 Contract No. DAC39-67-C-0091

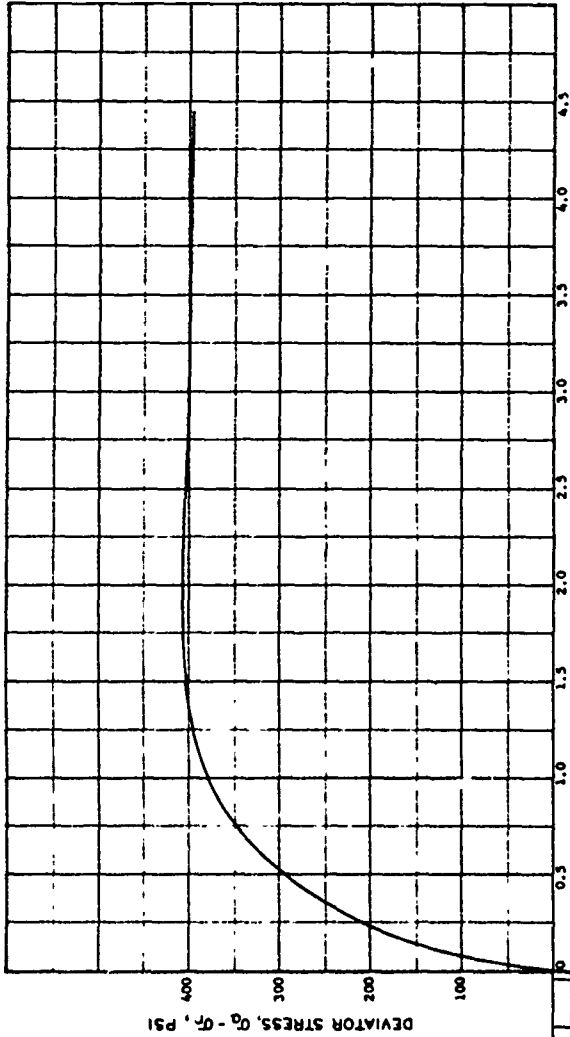
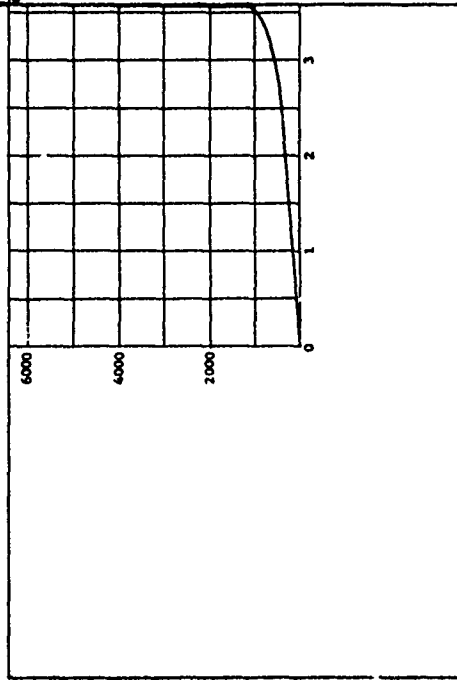
AREA _____
 BORING NO. _____
 DEPTH _____
 EL. _____
 DATE _____
 LL 27 PL 15 Pt 12

DESCRIPTION McCormick Ranch Sand

WATER CONTENT	W	10.35	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	79.28	%
DRY DENSITY	γ_d	123.53	PCF
WET DENSITY	γ	136.32	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT Ca Tech B-602
 Contract No. DACA39-67-G-0051

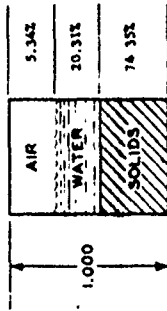
AREA _____

BORING NO. _____ SAMPLE NO. 173
 DEPTH _____ DATE _____
 EL. _____

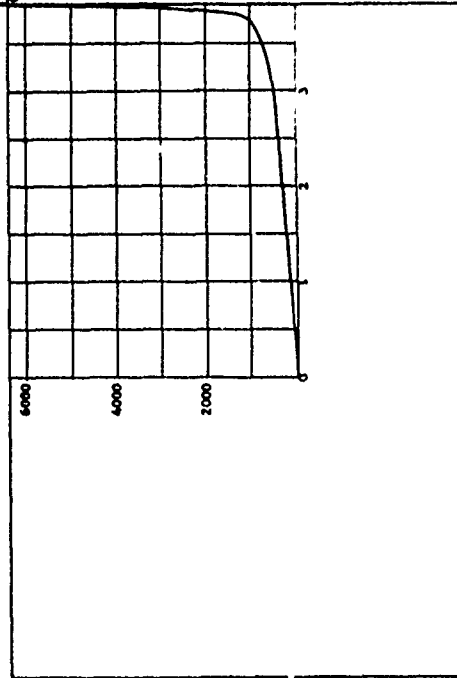
LL 37 PL 15 PI 12

DESCRIPTION McComick Branch Sand

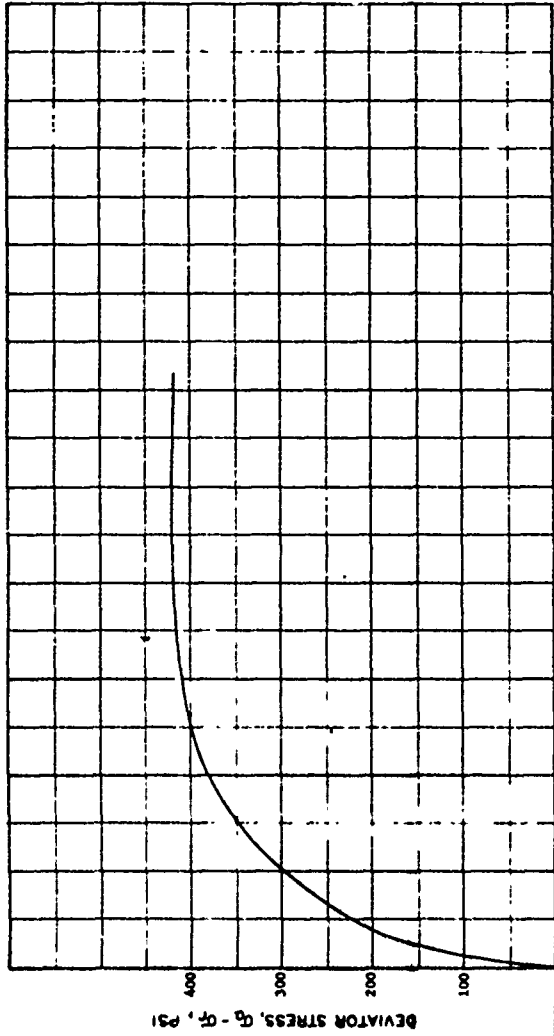
WATER CONTENT	W	10.23	%
VOID RATIO	e_v	0.35	
SATURATION	S_v	79.19	%
DRY DENSITY	γ_d	123.88	PCF
WET DENSITY	γ	136.56	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	M_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



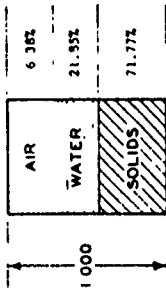
TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

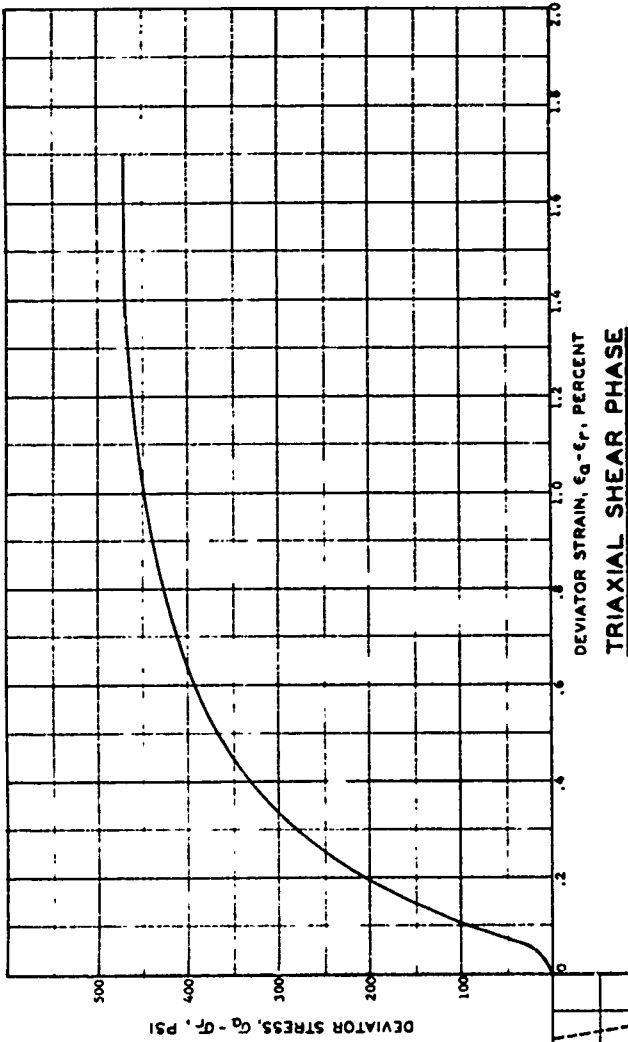
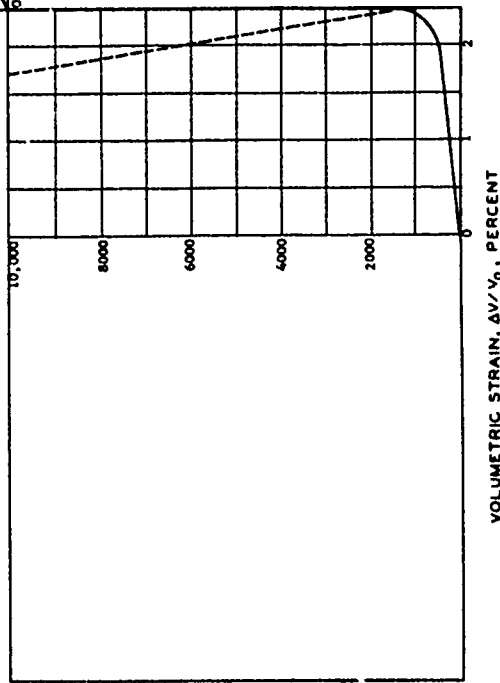
PROJECT Ga Tech B-602:
Contract No. DAC39-47-C-0051

AREA _____ SAMPLE NO. 177
BORING NO. _____ DATE _____
DEPTH _____ PL 15 PI 12
EL. _____
DESCRIPTION McCornick Ranch Sand

WATER CONTENT	W	11.40	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.40	%
DRY DENSITY	γ_d	119.57	PCF
WET DENSITY	γ	133.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.55	CM
SPERMEN HEIGHT	M_0	7.55	CM



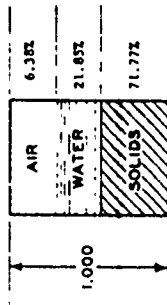
HYDROSTATIC COMPRESSION PHASE



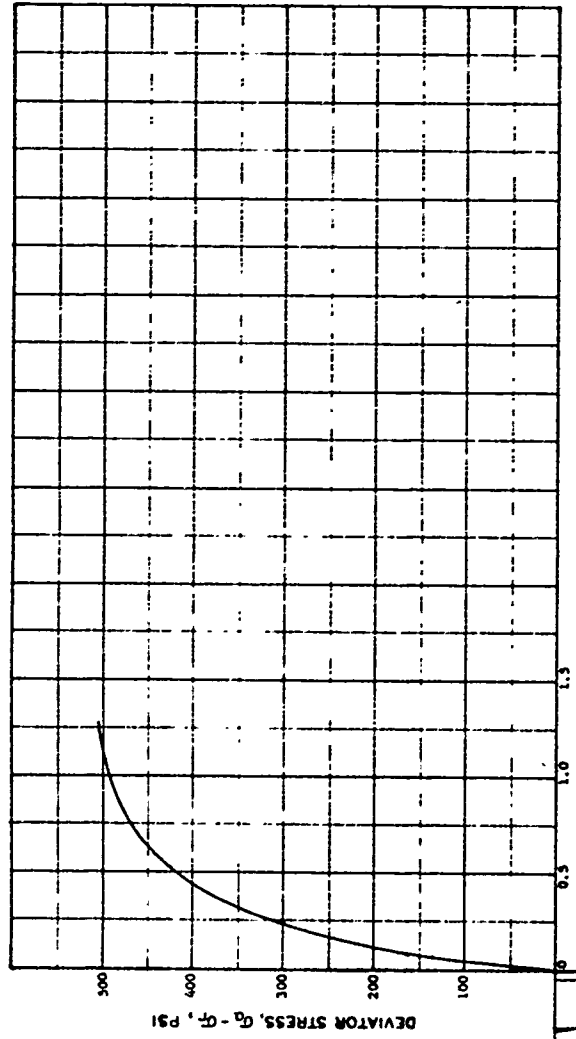
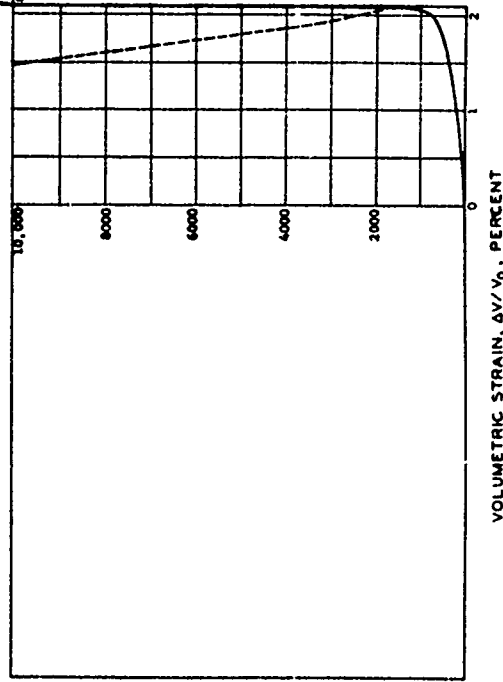
TRIAxIAL SHEAR PHASE

PROJECT	Ga Tech B-602.	
AREA	Contract No. DAC49-67-C-0031	
BORING NO.	SAMPLE NO. 38	
DEPTH	DATE	
EL.	PL 15	PI 12
DESCRIPTION	McComick Ranch Sand	

WATER CONTENT	W	11.40	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.40	%
DRY DENSITY	γ_s	119.57	PCF
WET DENSITY	γ	133.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.36	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



DEVIATOR STRAIN, $\epsilon_0 - \epsilon_3$, PERCENT
TRIAxIAL SHEAR PHASE

PROJECT Ca Tech B-602.
Contract No. DMC19-A7-C-0031

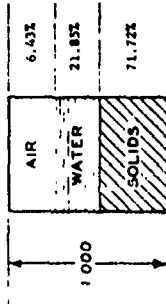
AREA _____ SAMPLE NO. 38
BORING NO. _____ DATE _____
DEPTH _____ PL 13 P1 12
E.L. _____

DESCRIPTION McCormick Ranch Sand

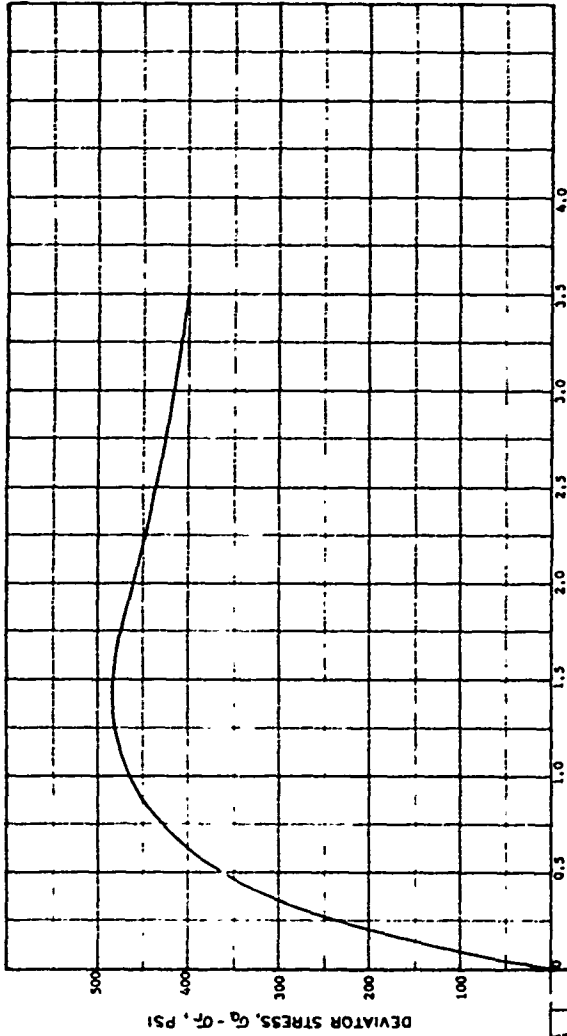
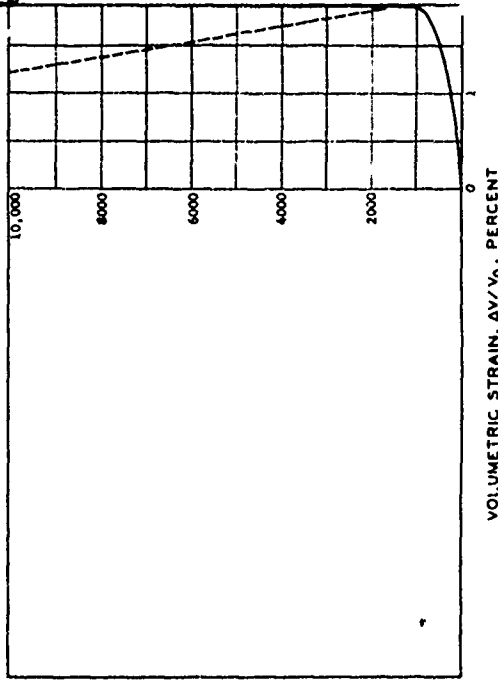
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	11.41 %
VOID RATIO	e_0	0.39
SATURATION	S_0	77.26 %
DRY DENSITY	γ	119.48 PCF
WET DENSITY	γ	133.12 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.57 CM
SPECIMEN HEIGHT	H_0	7.50 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

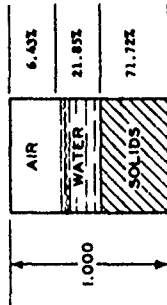
HYDROSTATIC PRESSURE, p, PSI

PROJECT Ca Tech B-603
 Contract No. DACA39-67-C-0031

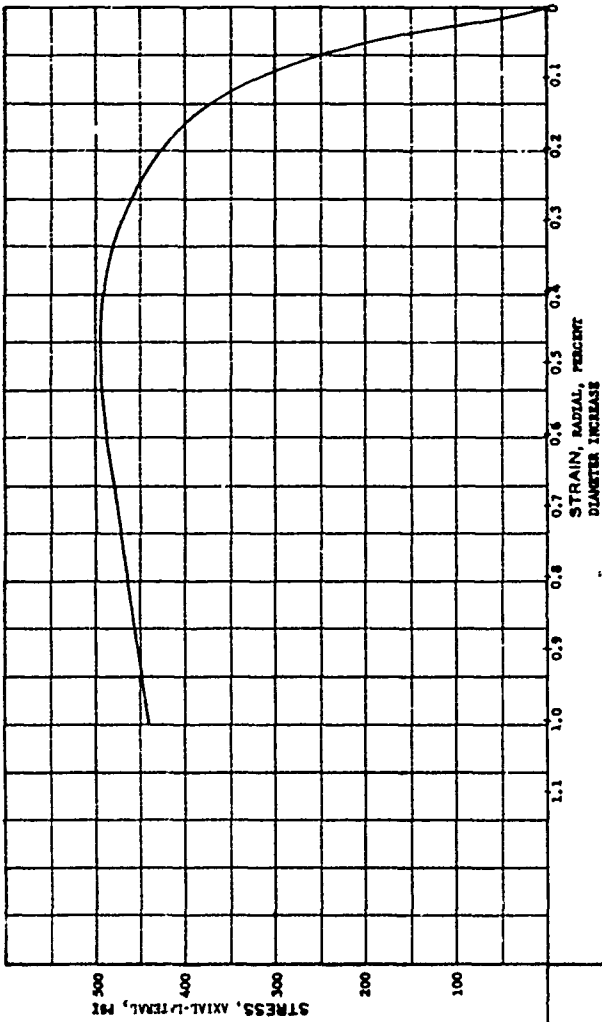
AREA _____ BORING NO. _____ SAMPLE NO. 39
 DEPTH _____ DATE _____
 LL 37 PL 15 PI 12

DESCRIPTION McCombs North SBM
Tetrahedral Test @ 10,000 psi

WATER CONTENT	W	11.41	%
VOID RATIO	e_0	0.39	
SATURATION	S_0	77.26	%
DRY DENSITY	γ_d	119.48	PCF
WET DENSITY	γ	133.12	PCF
SPECIFIC GRAVITY	G_s	2.61	
SPECIMEN DIAMETER	D_0	3.57	CM
SPECIMEN HEIGHT	H_0	7.50	CM



HYDROSTATIC COMPRESSION PHASE



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HYDROSTATIC PRESSURE, PSI

PROJECT Ga Tech B-602;	
Contract No. DCA33-47-C-0031	
AREA	
BORING NO.	SAMPLE NO. 59
DEPTH	DATE
EL	
LL 37	PL 15
	PI 12
DESCRIPTION McGuffey, Wash. Road	
Tensile Test @ 10,000 psi	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

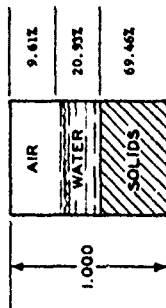
Group B

Triaxial Tests, Cyclic at 35%

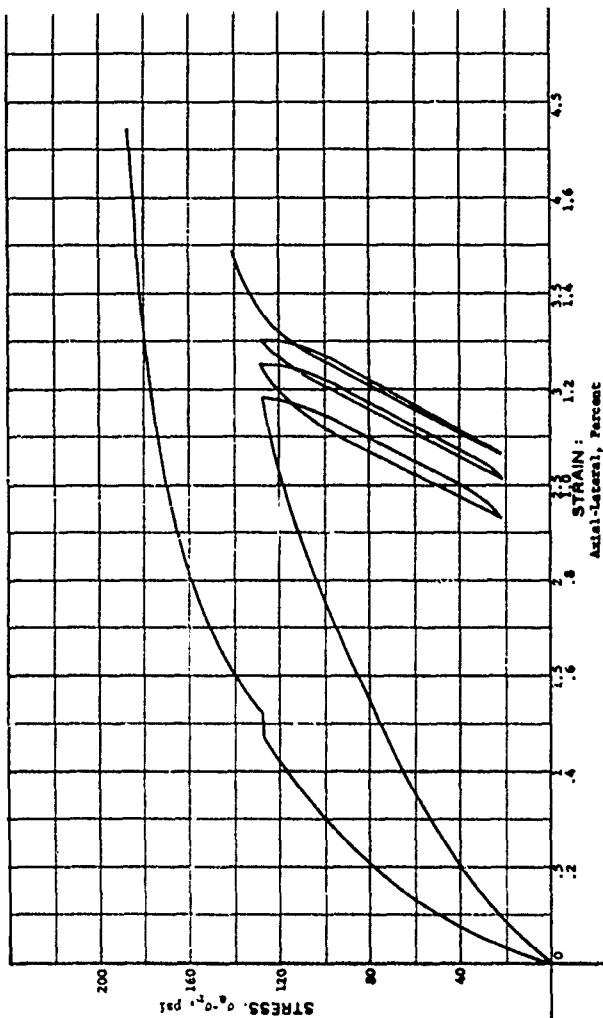
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WATER CONTENT	W	11.28 %
VOID RATIO	e_0	0.44
SATURATION	S_0	60.32 %
DRY DENSITY	γ_d	115.72 PCF
WET DENSITY	γ	128.78 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.51 CM



HYDROSTATIC COMPRESSION PHASE

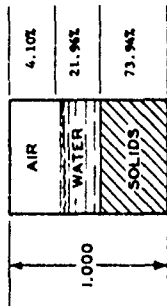


HYDROSTATIC PRESSURE, p , PSI

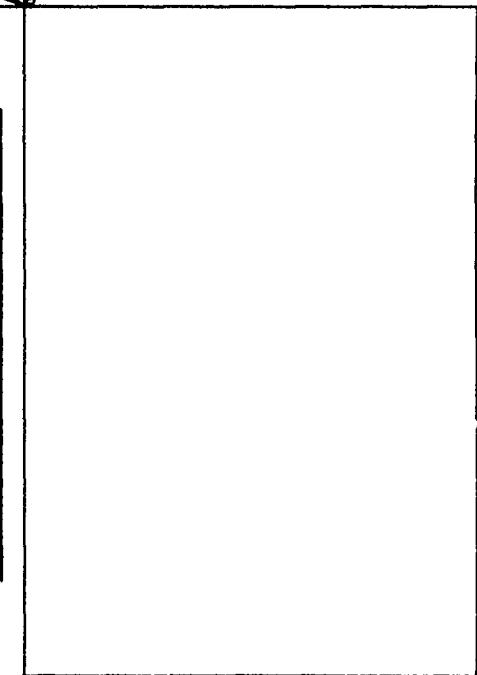
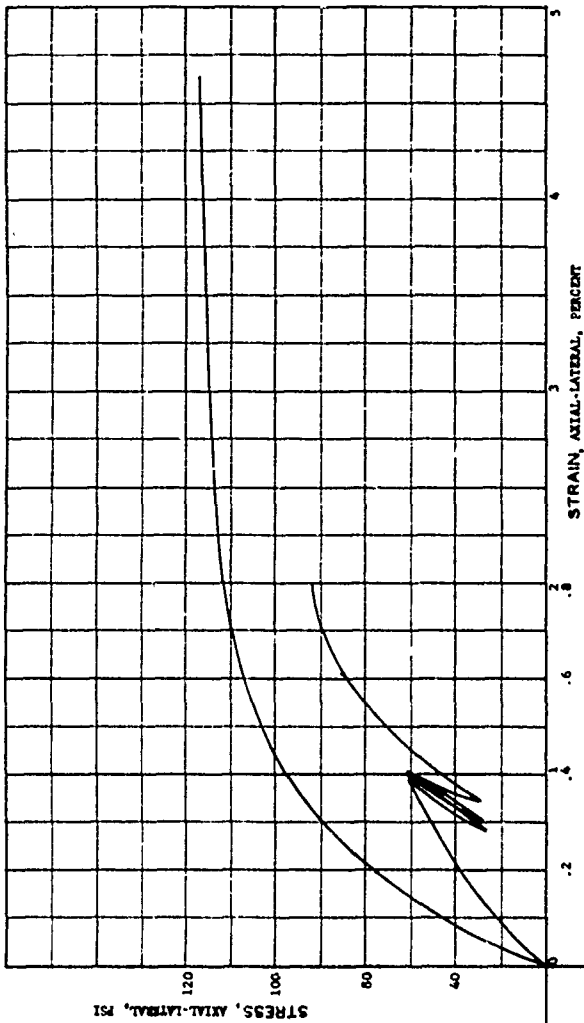
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Ga Tech B-602:			
Contract No. DAC39-67-C-0051			
AREA			
BORING NO.	SAMPLE NO. 108		
DEPTH	DATE		
EL	27	PL 15	PI 12
DESCRIPTION McCormick Branch Sand			
Triaxial-Cycle Shear @ 3%			

WATER CONTENT	W	11.12	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	84.28	%
DRY DENSITY	γ_d	123.20	PCF
WET DENSITY	γ	136.90	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.50	CM



HYDROSTATIC COMPRESSION PHASE

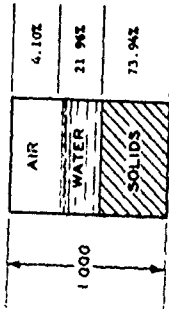


PROJECT Georgia Institute of Technology B-602
 Contract No. DMC39-87-G-0031

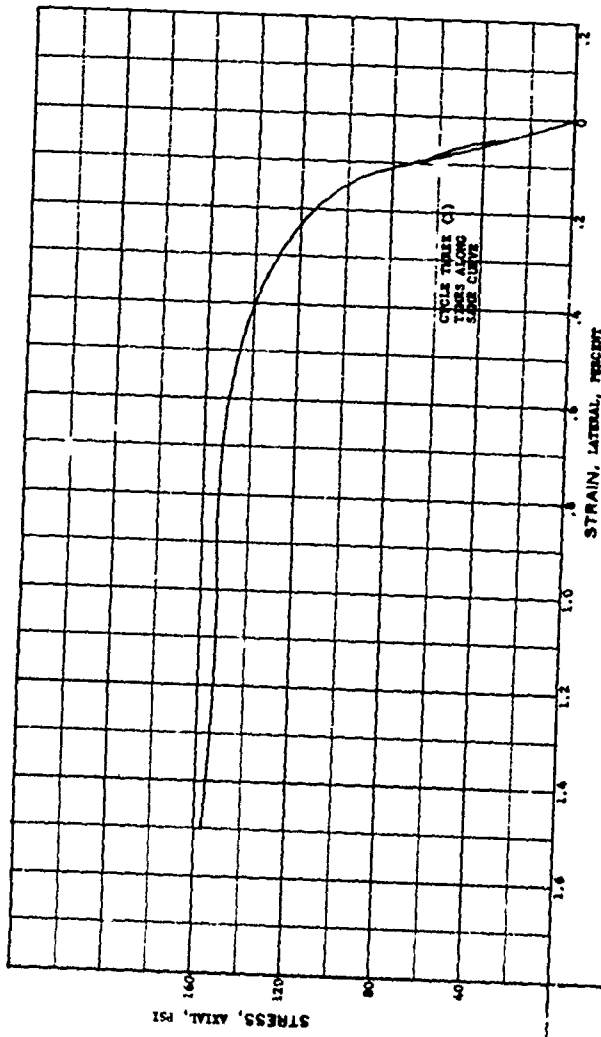
AREA _____ BORING NO. _____ SAMPLE NO 112
 DEPTH _____ DATE _____
 EL. _____ PL 15 PI 12

DESCRIPTION McCormick Ranch Sand
 Triaxial Cyclic @ 35%
 Lateral Pressure, 100 psi

WATER CONTENT	W	11.12 %
VOID RATIO	e_0	0.35
SATURATION	S_0	84.28 %
DRY DENSITY	γ_d	123.20 PCF
WET DENSITY	γ	136.90 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.50 CM



HYDROSTATIC COMPRESSION PHASE



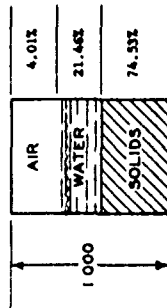
HYDROSTATIC PRESSURE, p , PSI

55

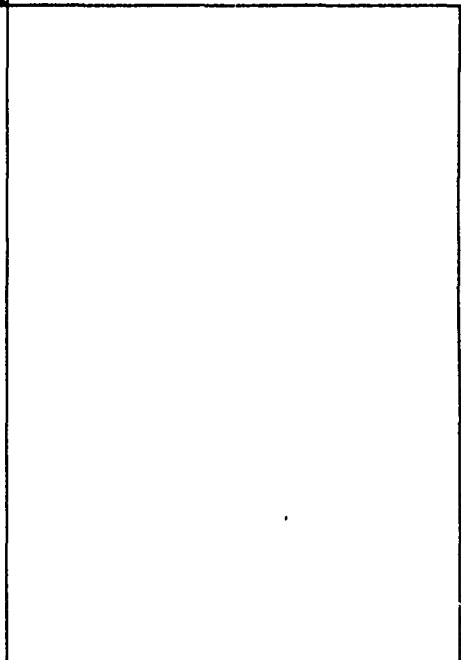
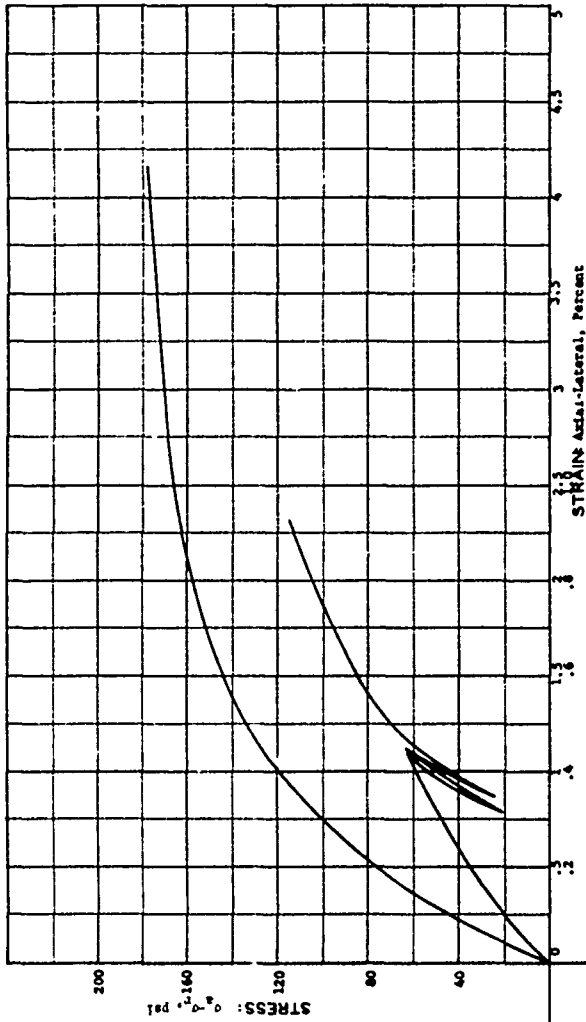
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT <u>Gasfile Institute of Technology B-601</u>	
Contract No. <u>MACASP-67-C-0051</u>	
AREA	
BORING NO.	SAMPLE NO. <u>112</u>
DEPTH	DATE
ELL	
LL <u>27</u>	PL <u>15</u>
	PI <u>13</u>
DESCRIPTION <u>McCormick Ranch Sand</u>	
<u>Triaxial Cyclic Q 352</u>	
Lateral Pressure, 100 psi	

WATER CONTENT	W	10.78	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	84.25	%
DRY DENSITY	γ_d	124.18	PCF
WET DENSITY	γ	137.57	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.52	CM
SPECIMEN HEIGHT	H_0	7.48	CM



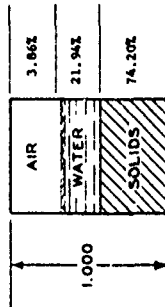
HYDROSTATIC COMPRESSION PHASE



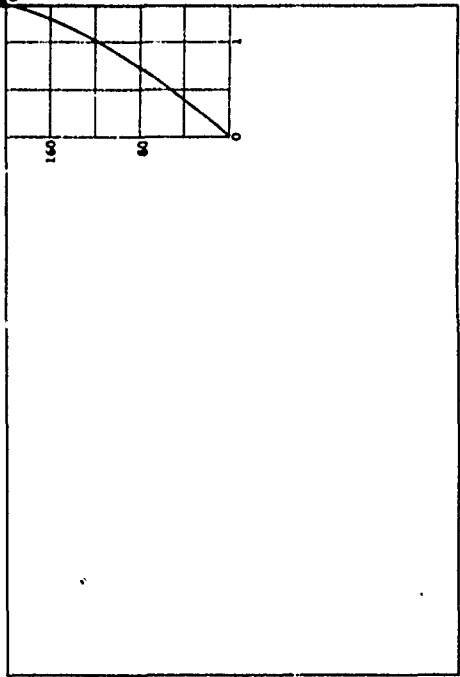
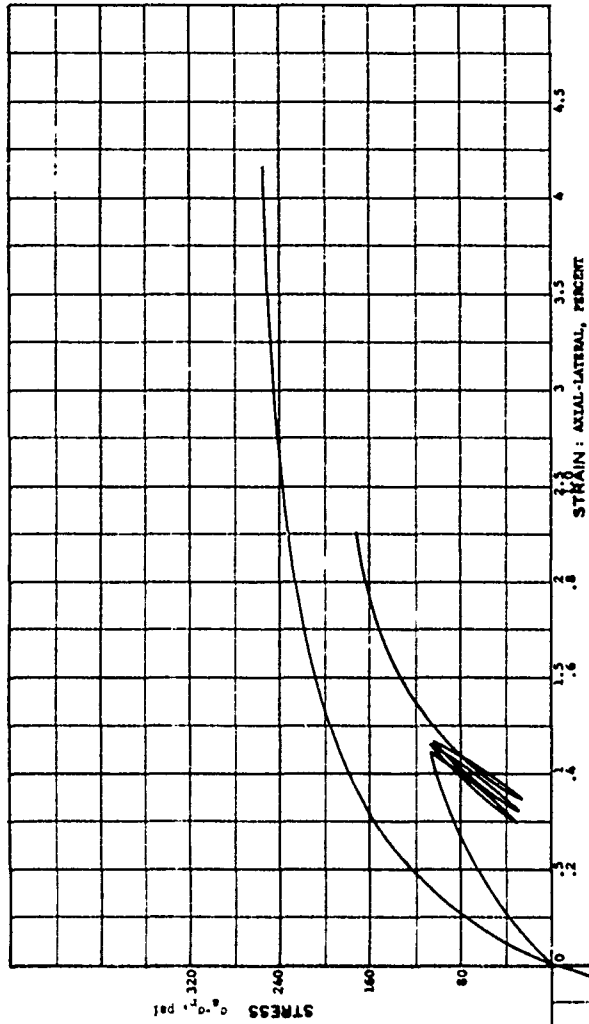
HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology 8-602	
Contract No. MCA39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 115
DEPTH	DATE
EL.	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Tributal Circle 5Mar. @ 35%	

WATER CONTENT	W	11.07	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	85.00	%
DRY DENSITY	γ_d	123.62	PCF
WET DENSITY	γ	137.31	PCF
GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.50	CM



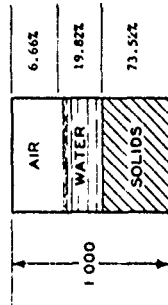
HYDROSTATIC COMPRESSION PHASE



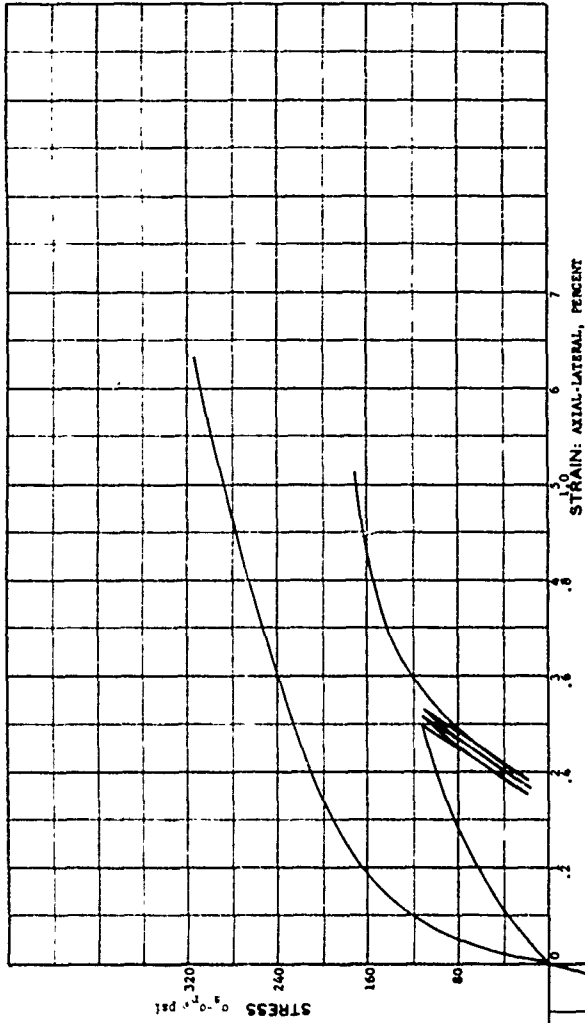
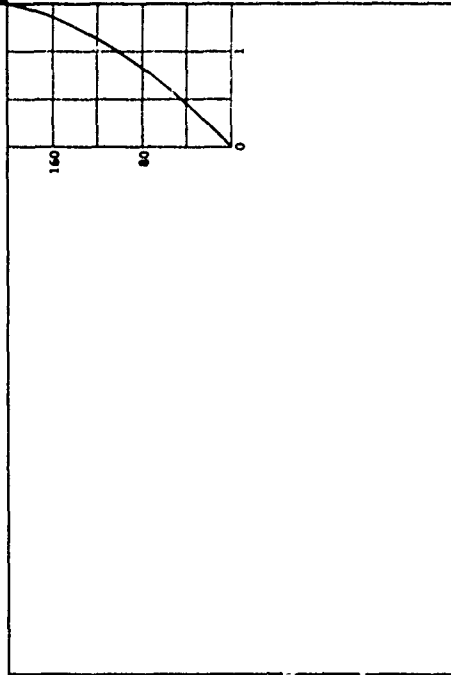
HYDROSTATIC PRESSURE, p. PSI

PROJECT Georgia Institute of Technology B-602	
Contract No. DCA39-67-G-0051	
AREA	
BORING NO.	SAMPLE NO. 114
DEPTH	DATE
E.L.	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Triaxial-Cycle Shear @ 35%	

WATER CONTENT	W	10.10	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	74.85	%
DRY DENSITY	γ_d	122.49	PCF
WET DENSITY	γ	134.86	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

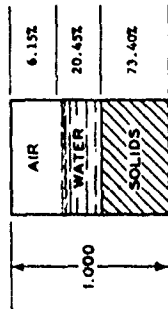


PROJECT Georgia Institute of Technology B-602
 Contract No. DACA39-67-C-0031

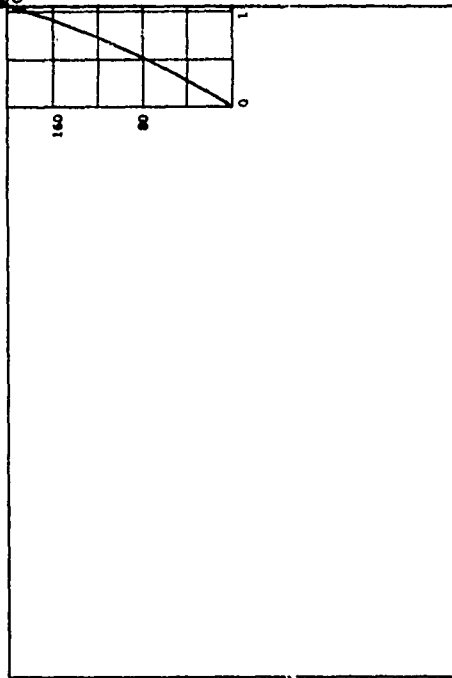
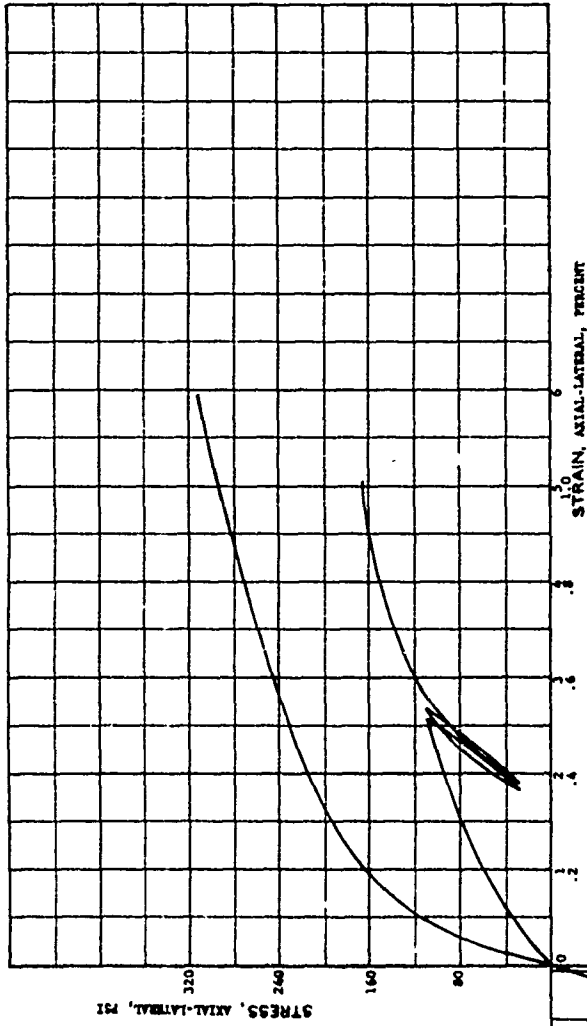
AREA _____ BORING NO. _____ SAMPLE NO. 132
 DEPTH _____ DATE _____
 EL _____ PL 15 P1 12

DESCRIPTION McComick Beach Sand
Triaxial-Cycle Shear @ 35%

WATER CONTENT	W	10.44	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	76.89	%
DRY DENSITY	γ_d	122.28	PCF
WET DENSITY	γ	135.05	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.65	CM



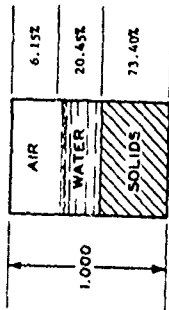
HYDROSTATIC COMPRESSION PHASE



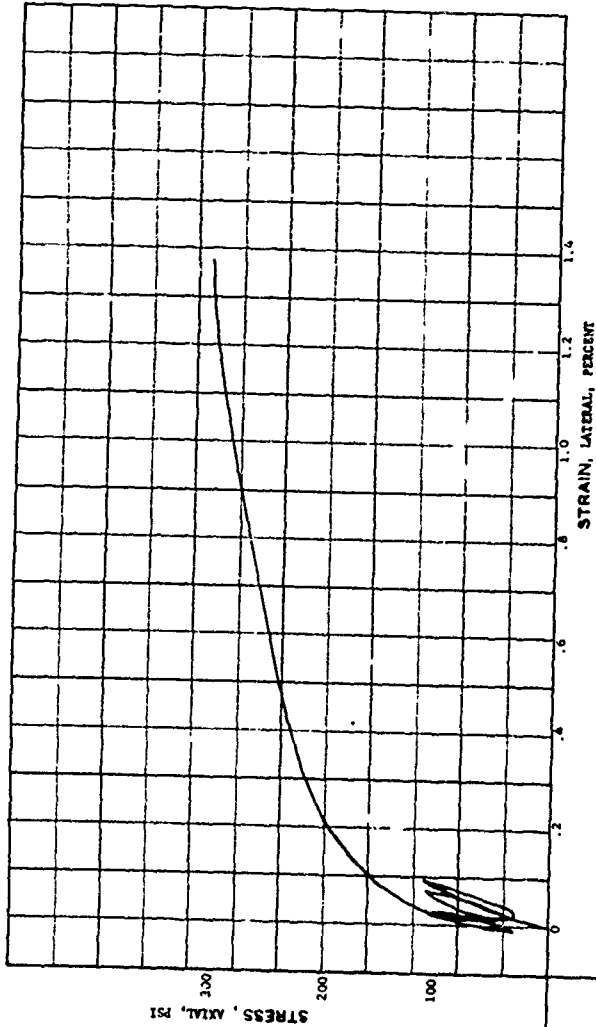
HYDROSTATIC PRESSURE, P, PSI

PROJECT Georgia Institute of Technology B-402	
Contract No. DAC39 E7 S 0021	
AREA	SAMPLE NO. 137
BORING NO.	DEPTH
EL	DATE
LL 27	PL 15
	PI 12
DESCRIPTION McSwain-Ranch Road	
Triaxial Cyclic @ 15%	
Lateral Pressure, 200 psi	

WATER CONTENT	W	10.44 %
VOID RATIO	e_0	0.36
SATURATION	S_0	76.89 %
DRY DENSITY	γ_d	122.28 PCF
WET DENSITY	γ	135.0 ^o PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	.50 CM
SPECIMEN HEIGHT	H_0	7.65 CM



HYDROSTATIC COMPRESSION PHASE

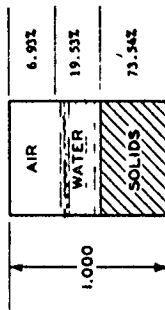


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

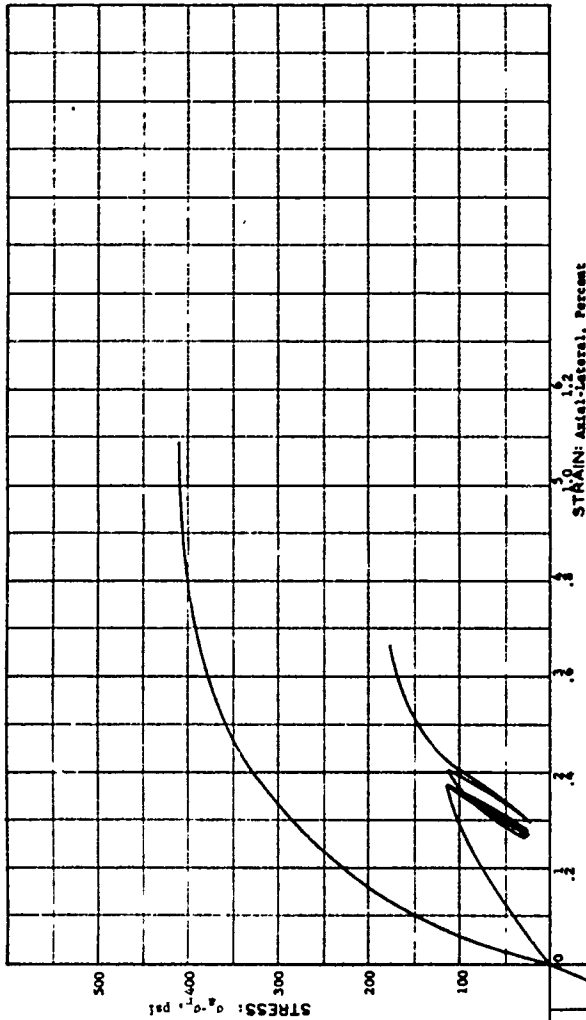
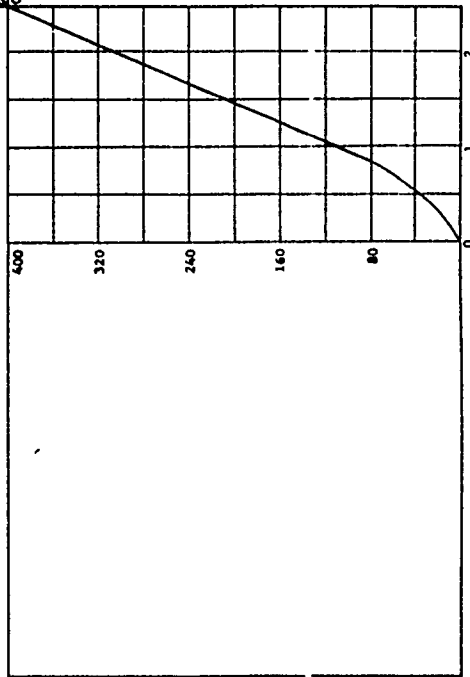
HYDROSTATIC PRESSURE, P, PSI

PROJECT Georgia Institute of Technology 8-602			
Contract No. DMC019-67-C-0031			
AREA	BORING NO.	SAMPLE NO.	137
DEPTH	EL	DATE	
LL	27	PL	15
		PI	12
DESCRIPTION McCormick Ranch Sand			
Triaxial Cyclic # 355			
Lateral Pressure, 200 psi			

WATER CONTENT	W	9.94	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	73.80	%
DRY DENSITY	γ_d	122.53	PCF
WET DENSITY	γ	134.71	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.64	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Ce Tech B-602

Contract No. DMA39-67-C-0051

AREA

BORING NO.

SAMPLE NO. 133

DEPTH

DATE

LL 27

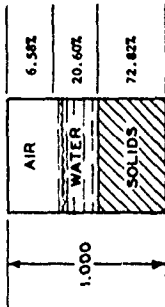
PL 15

PI 12

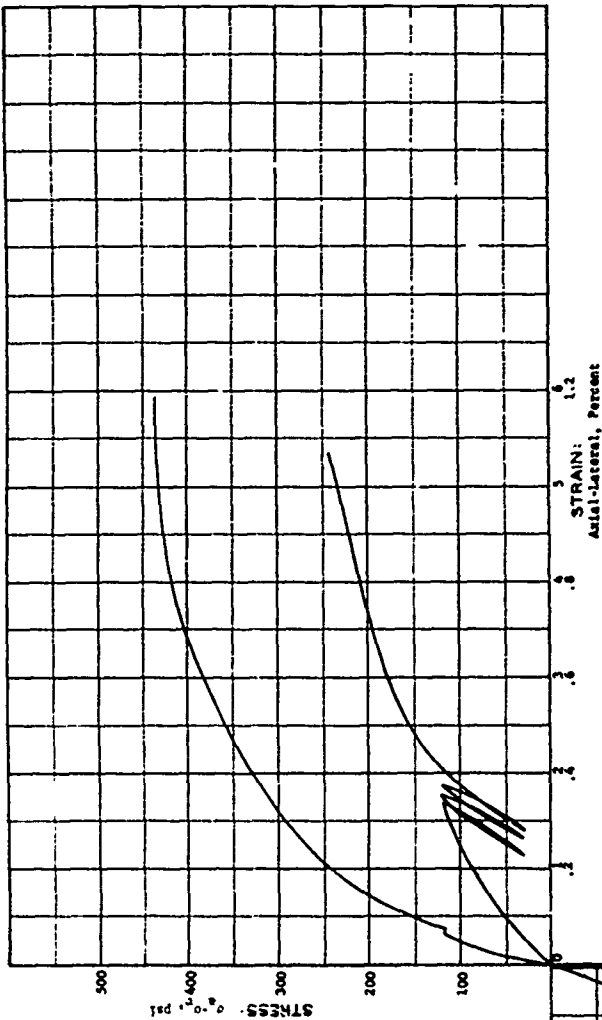
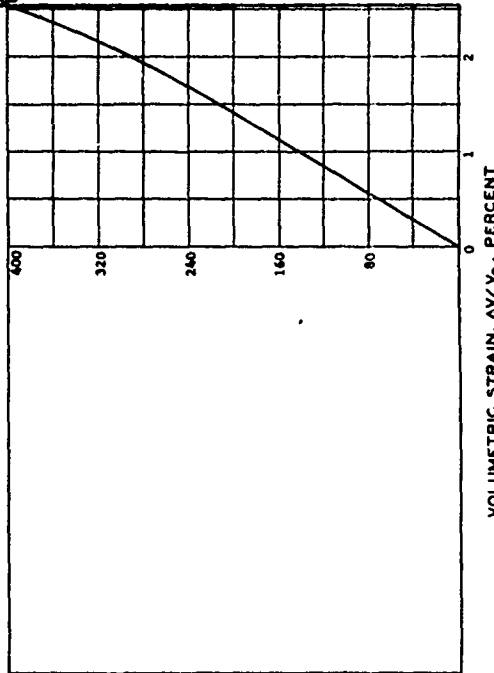
DESCRIPTION McCormick Ranch Sand

Trial-Cycle Sheet 9-335

WATER CONTENT	W	10.59	%
VOID RATIO	e_0	0.37	
SATURATION	S_0	75.80	%
DRY DENSITY	γ_d	121.33	PCF
WET DENSITY	γ	134.18	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.64	CM



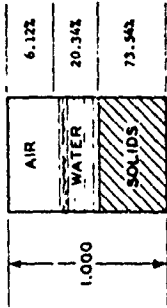
HYDROSTATIC COMPRESSION PHASE



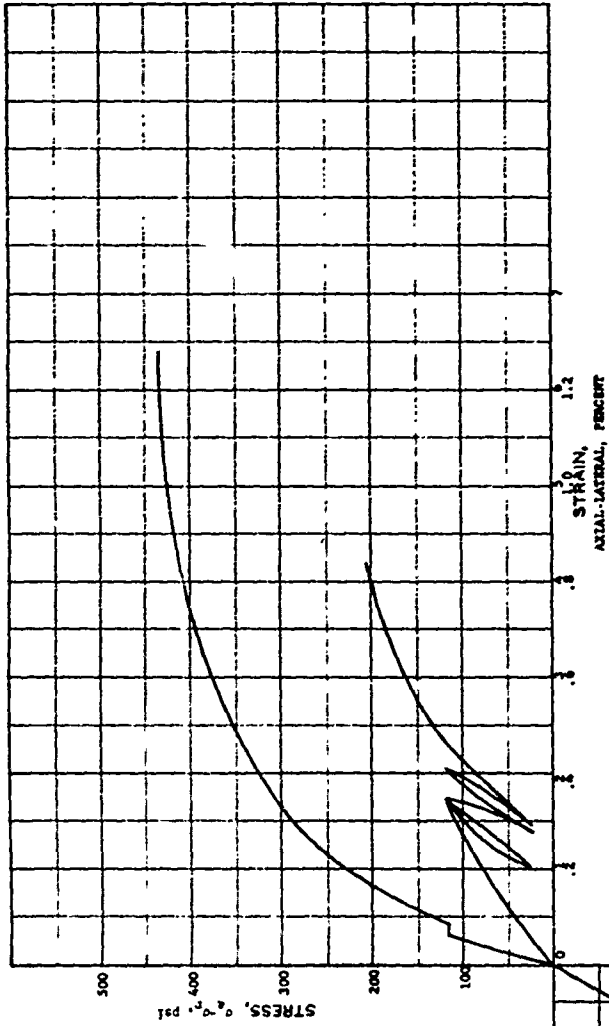
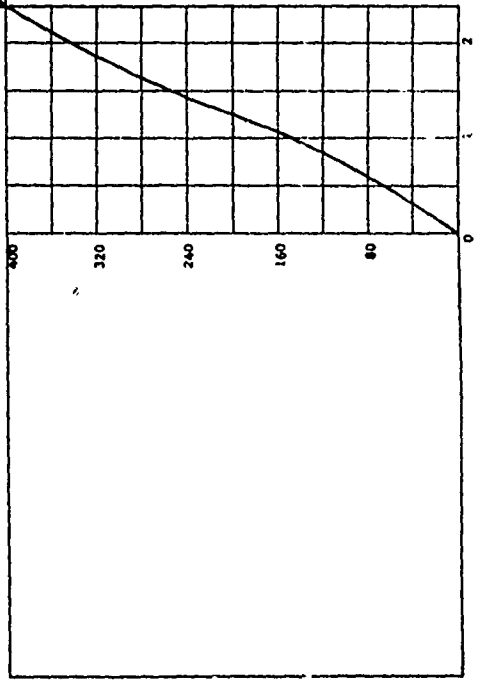
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Ca Tech B-602;	
CONTRACT NO.		DACA39-67-C-0031	
AREA			
BORING NO.	SAMPLE NO.	136	
DEPTH	DATE		
EL			
LL	PL	13	PL 12
DESCRIPTION			
McCormack Ranch Sand			
Triaxial-Cycle Shear @ 13%			

WATER CONTENT	W	10.36 %
VOID RATIO	e_0	0.36
SATURATION	S_0	76.88 %
DRY DENSITY	γ_d	122.53 PCF
WET DENSITY	γ	135.22 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.64 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT 64, TRLD, 1, 6021
 CONTRACT NO. DMAJ3-67-C-0031

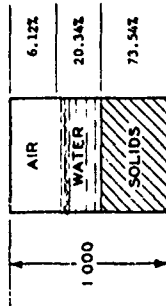
AREA _____
 BORING NO. _____
 DEPTH _____
 EL. _____
 LL 27 PL 13 PI 12

DATE _____
 SAMPLE NO. 137A
 DESCRIPTION McComick Ranch Sand
 Triaxial-Cycle, Sheet Q 238

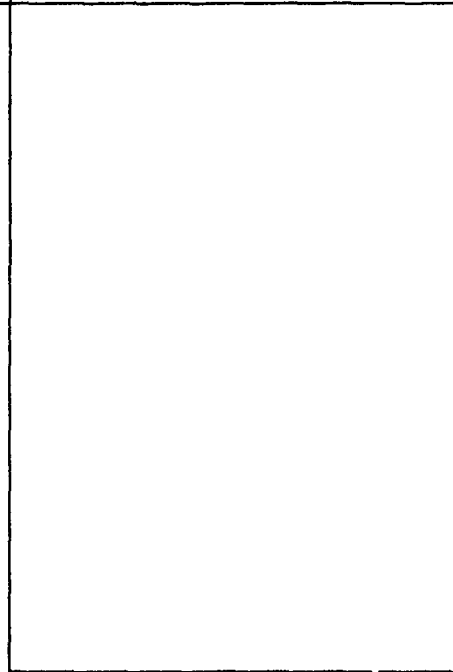
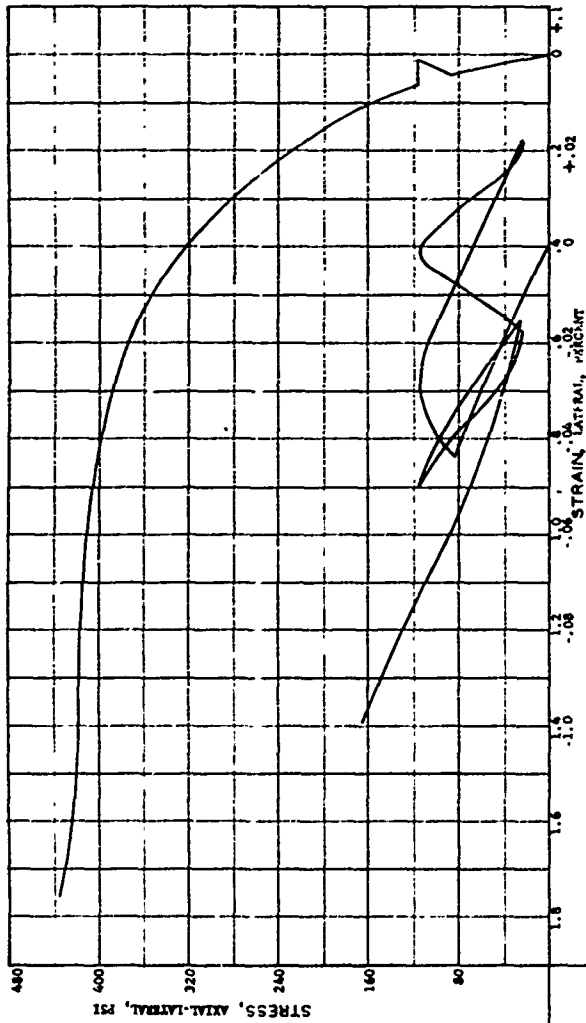
HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, AV/V0, PERCENT

WATER CONTENT	W	10.36 %
VOID RATIO	e_0	0.36
SATURATION	S_0	76.88 %
DRY DENSITY	γ_d	122.53 PCF
WET DENSITY	γ	135.22 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.31 CM
SPECIMEN HEIGHT	H_0	7.64 CM



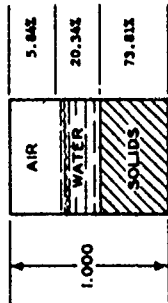
HYDROSTATIC COMPRESSION PHASE



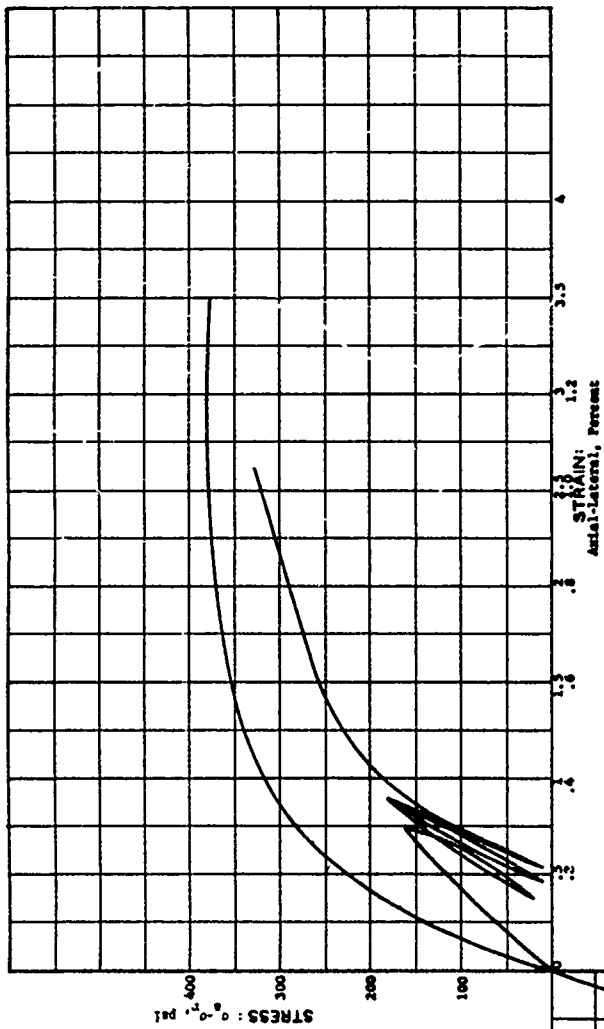
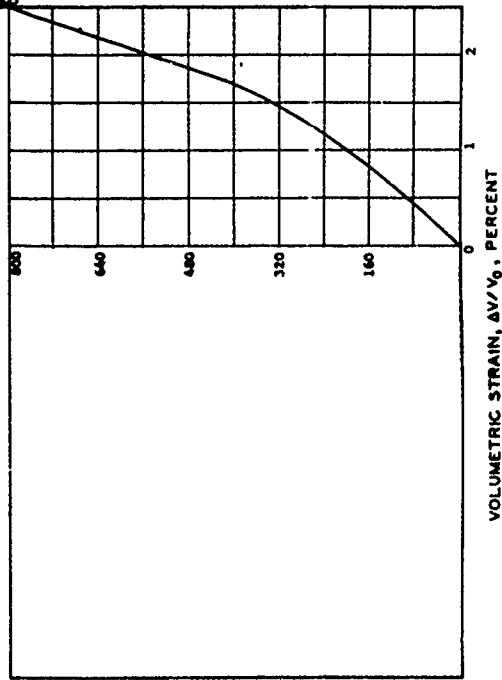
HYDROSTATIC PRESSURE, P, PSI

PROJECT Ga Tech 8-602:	
Contract No. DAC39-67-0-0031	
AREA	
BORING NO.	SAMPLE NO. 137A
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McComick, Rm 271, SA08	
Triaxial-Cyclic shear, 9.33%	

WATER CONTENT	W	10.32 %
VOID RATIO	e_0	0.35
SATURATION	S_0	77.88 %
DRY DENSITY	γ_d	122.97 PCF
WET DENSITY	γ	135.47 PCF
SPECIFIC GRAVITY	G_s	2.87
SPECIMEN DIAMETER	D_0	3.33 CM
SPECIMEN HEIGHT	H_0	7.43 CM

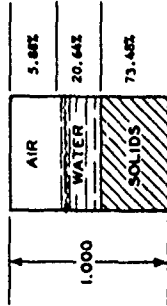


HYDROSTATIC COMPRESSION PHASE

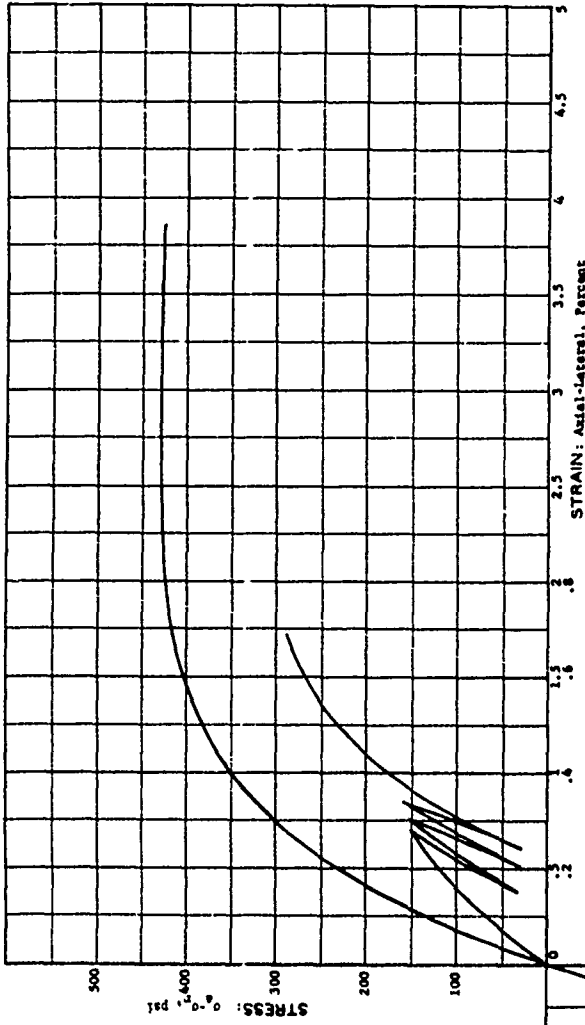
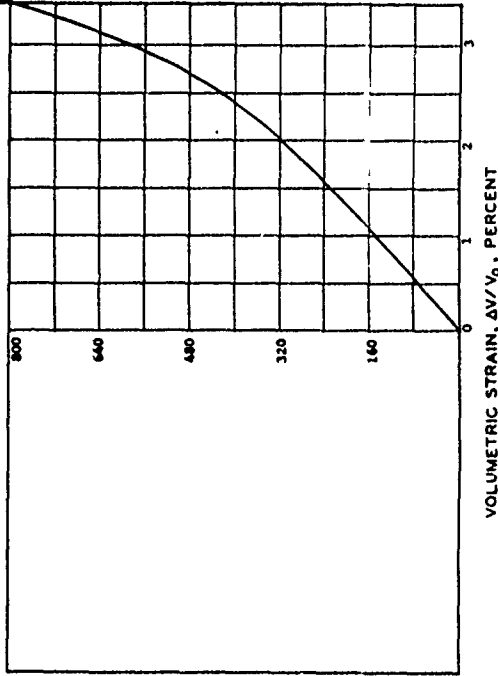


PROJECT Georgia Institute of Technology B-602	
CONTRACT No. DMCAS-47-G-0051	
AREA	
BORING NO.	SAMPLE NO. 130
DEPTH	DATE
EL	
L.L. 27	PL 15
	PI 13
DESCRIPTION McCombs Match Sand	
Triaxial-Cycle Shear @ 33%	

WATER CONTENT	W	10.52	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	77.82	%
DRY DENSITY	γ_d	122.43	PCF
WET DENSITY	γ	135.31	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.65	CM



HYDROSTATIC COMPRESSION PHASE



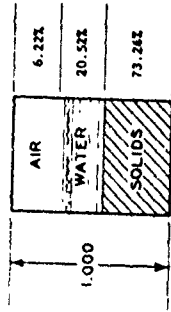
PROJECT Georgia Institute of Technology B-602
 Contract No. DMA39-67-C-0051

AREA _____

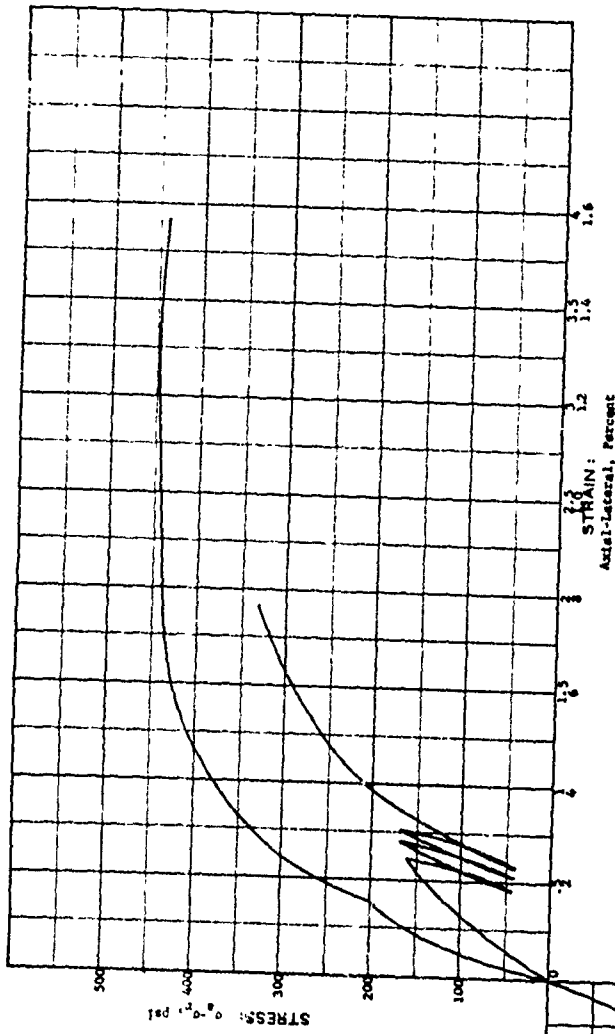
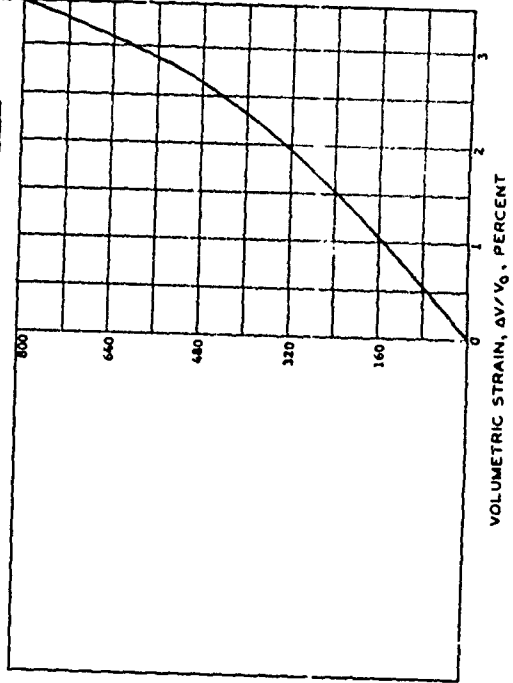
BORING NO. _____ SAMPLE NO. 134
 DEPTH _____ DATE _____
 EL. _____ PL. 15 PI. 12

DESCRIPTION McCormick Beach Sand
Triaxial-Cycle Shear @ 35%

WATER CONTENT	W	10.49	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	76.73	%
DRY DENSITY	γ_d	122.06	PCF
WET DENSITY	γ	134.86	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.62	CM

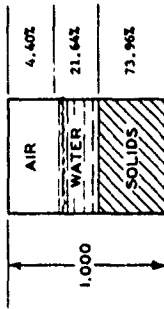


HYDROSTATIC COMPRESSION PHASE

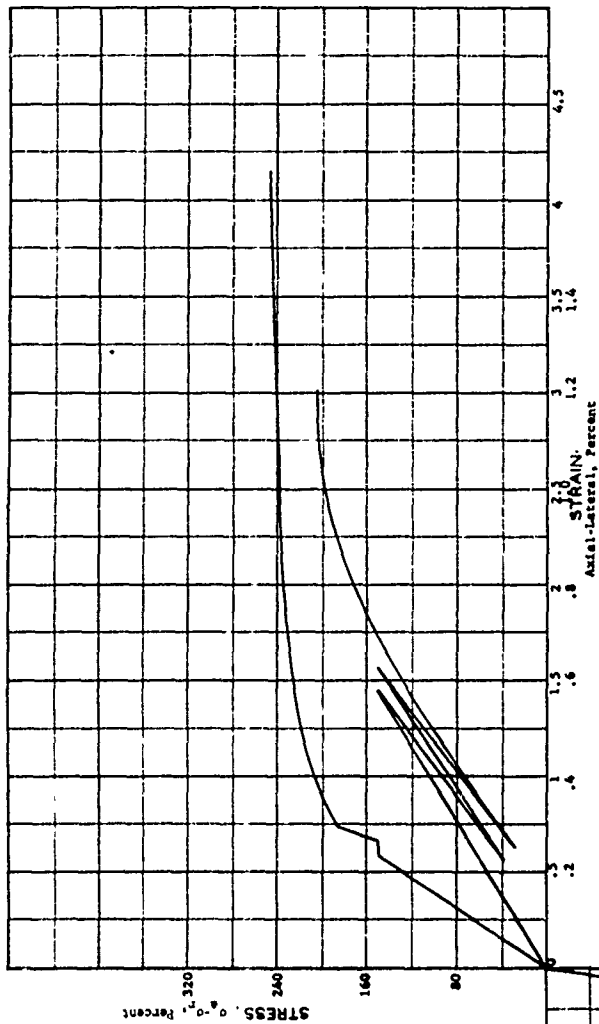
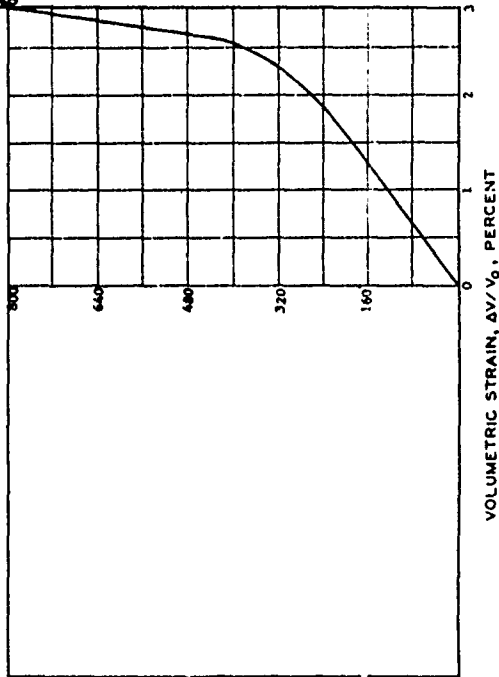


PROJECT Ca. Tech B-602.		CONTRACT NO. DMC39-67-C-0051	
AREA		SAMPLE NO. 135	
BORING NO.		DATE	
DEPTH		PL 15	PI 12
EL.			
DESCRIPTION McCormick Ranch Sand			
Tetrahedral-Cyclic Shear @ 35%			

WATER CONTENT	W	10.96	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	83.10	%
DRY DENSITY	γ_d	123.23	PCF
WET DENSITY	γ	136.73	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.52	CM



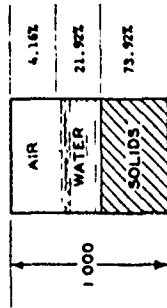
HYDROSTATIC COMPRESSION PHASE



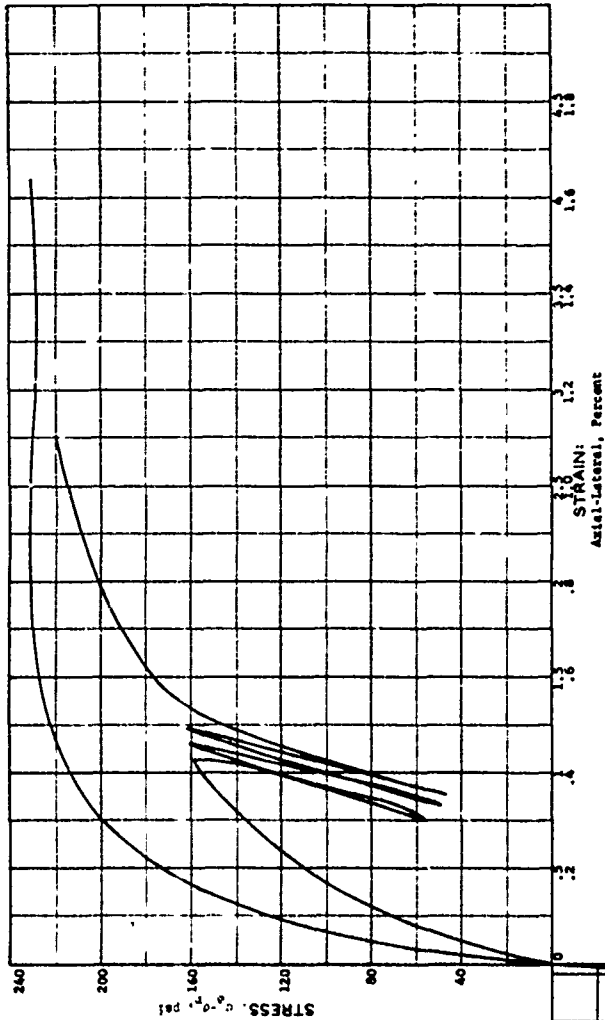
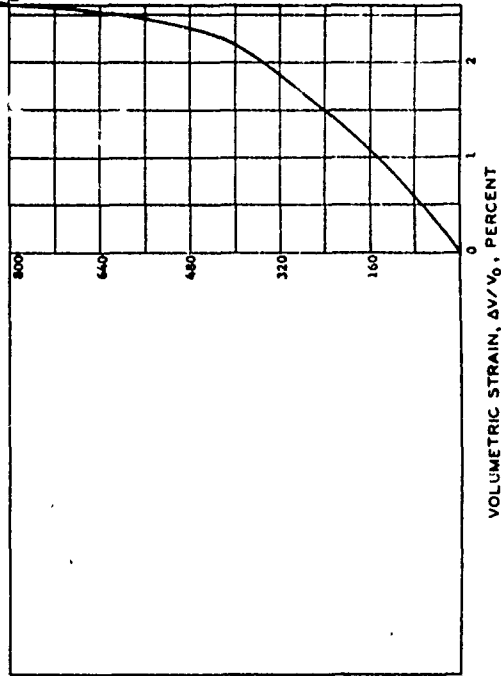
HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology 3-602	
Contract No. DACA39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 138
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Triaxial-Cyclic Shear 9-333	

WATER CONTENT	W	10.11 %
VOID RATIO	e_0	0.35
SATURATION	S_0	84.04 %
DRY DENSITY	γ_d	123.15 PCF
WET DENSITY	γ	136.83 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Ca Tech B-609
 Contract No. DACA39-67-C-0031

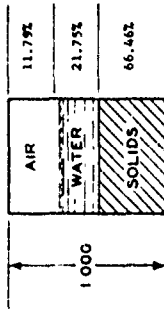
AREA _____

BORING NO. _____ SAMPLE NO. 139
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

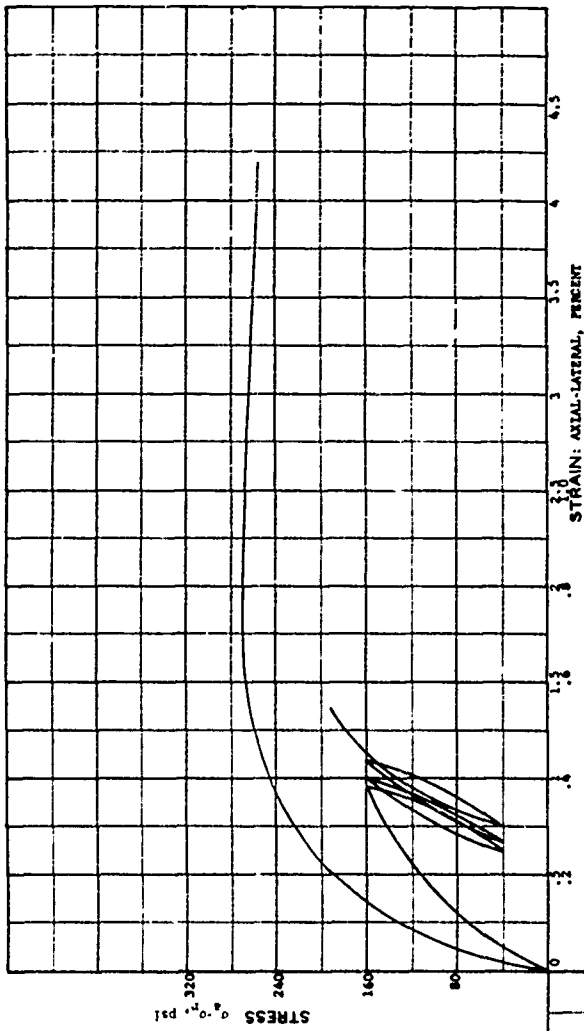
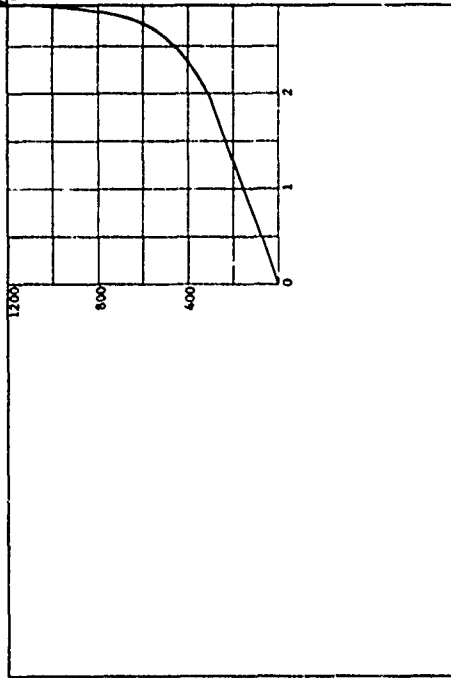
DESCRIPTION McCormick Ranch Sand
Triaxial-Cycle Shear @ 3%

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.26 %
VOID RATIO	e_0	0.50
SATURATION	S_0	64.85 %
DRY DENSITY	γ_d	110.73 PCF
WET DENSITY	γ	124.30 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.55 CM



HYDROSTATIC COMPRESSION PHASE

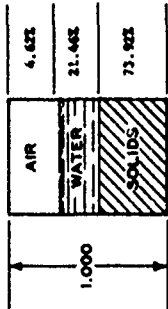


PROJECT Georgia Institute of Technology B-602
Contract No. DMC43-67-C-0031

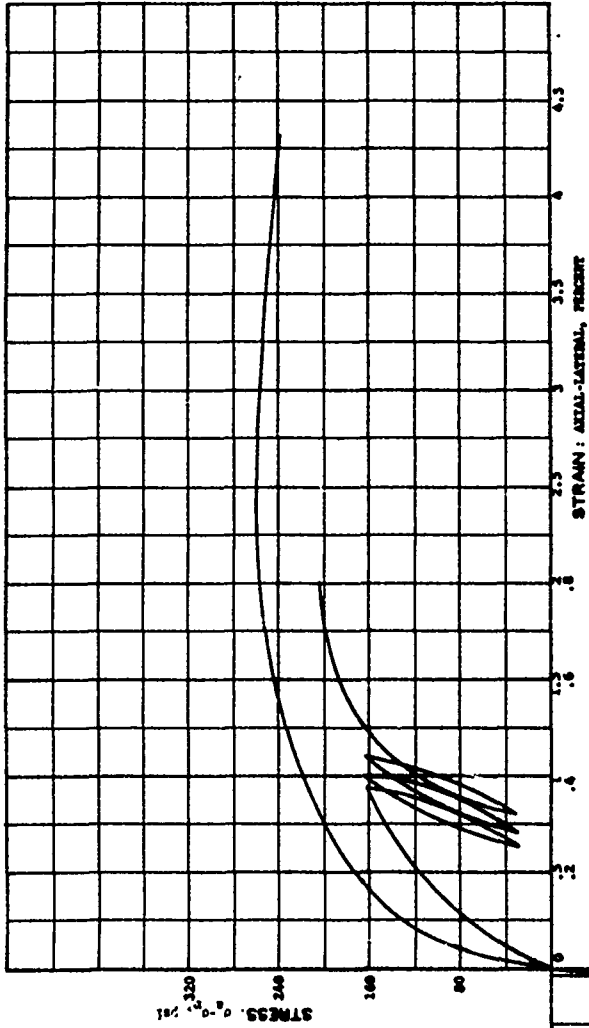
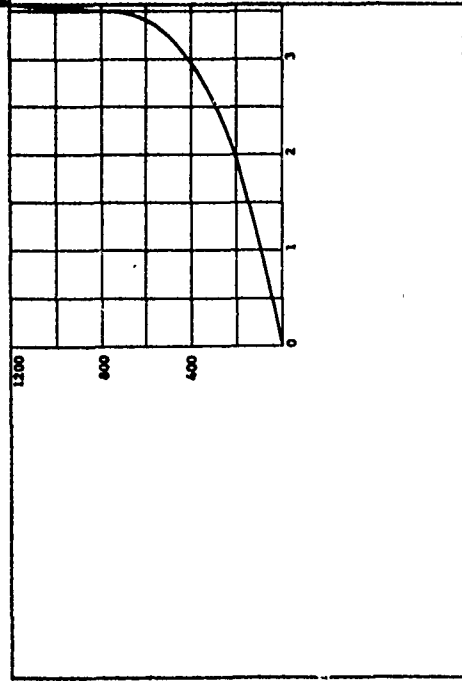
AREA _____ BORING NO. _____ SAMPLE NO. 142
DEPTH _____ DATE _____
LL 27 PL 15 PI 12

DESCRIPTION McCormick Ranch Sand
Triaxial-Cycle Shear @ 15%

WATER CONTENT	W	10.87 %
VOID RATIO	e_0	0.35
SATURATION	S_0	82.29 %
DRY DENSITY	γ_d	123.16 PCF
WET DENSITY	γ	136.33 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	2.50 CM
SPECIMEN HEIGHT	H_0	7.54 C/A



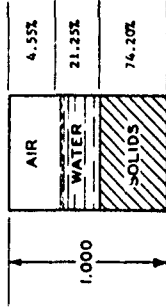
HYDROSTATIC COMPRESSION PHASE



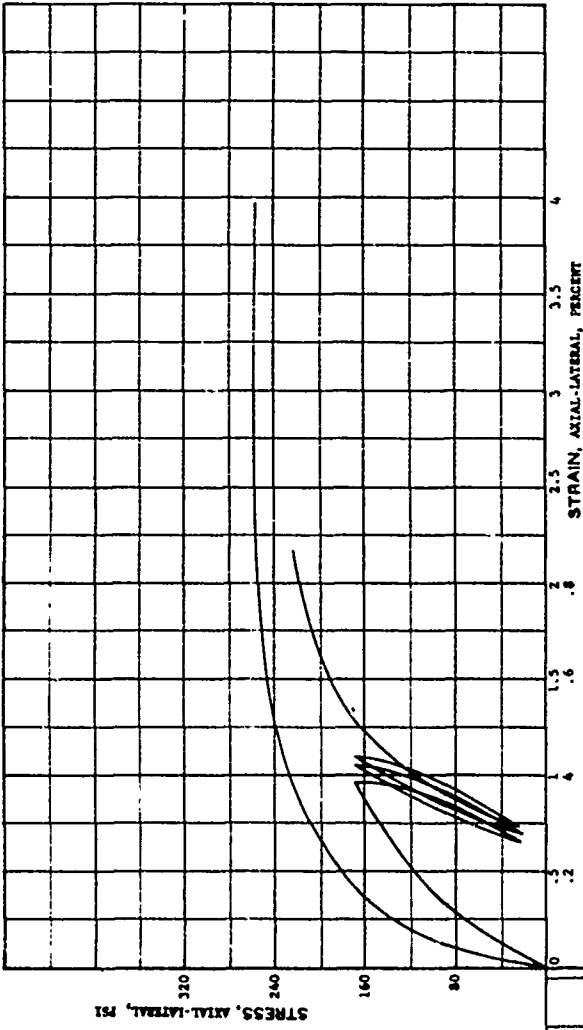
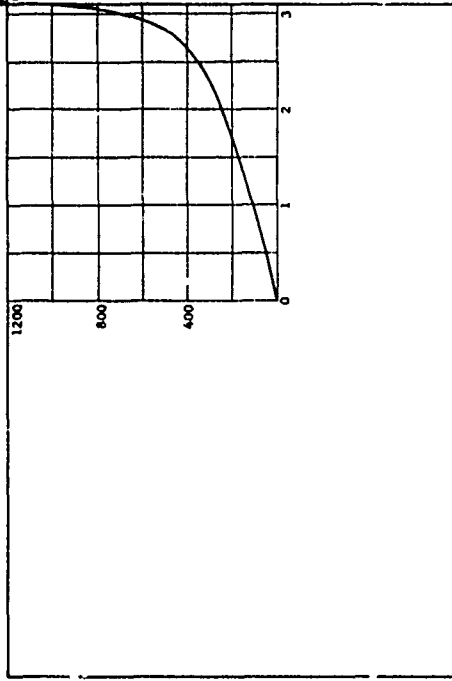
HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology B-602	
Contract No. DAC39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 1A3
DEPTH	DATE
EL.	
LL 27	PL 13
	PI 12
DESCRIPTION McCordick Beach Sand	
Triaxial-Soils Sheet 0.357	

WATER CONTENT	W	10.72 %
VOID RATIO	e_0	0.3
SATURATION	S_r	82.35 %
DRY DENSITY	γ_d	123.62 PCF
WET DENSITY	γ	136.86 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE



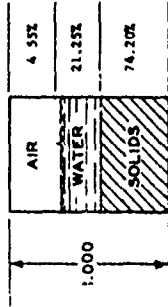
PROJECT Georgia Institute of Technology, E-502
 Contract No. DAC39-67-C-0031

AREA _____

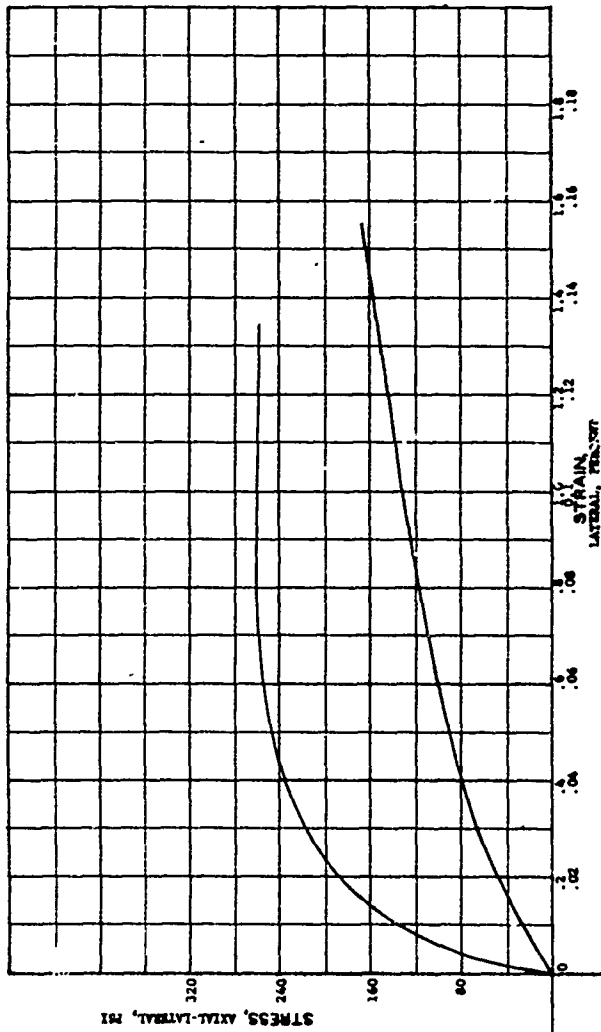
BORING NO. _____ SAMPLE NO. 149
 DEPTH _____ DATE _____
 EL. _____ PL. 15 PI. 12

DESCRIPTION McCormick Marsh Sand
 Triaxial Cyclic @ 35%
 Lateral Pressure, 1200 psi

WATER CONTENT	W	10.72	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	82.35	%
DRY DENSITY	γ_d	123.62	PCF
WET DENSITY	γ	136.88	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.30	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

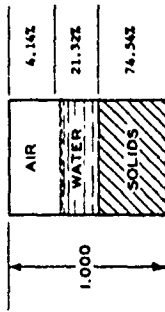


HYDROSTATIC PRESSURE, P, PSI

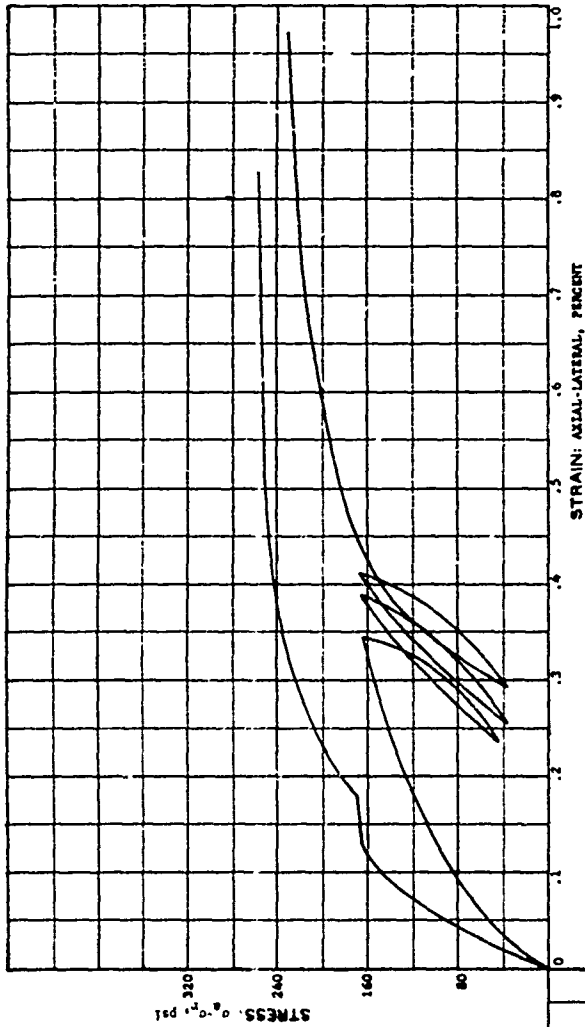
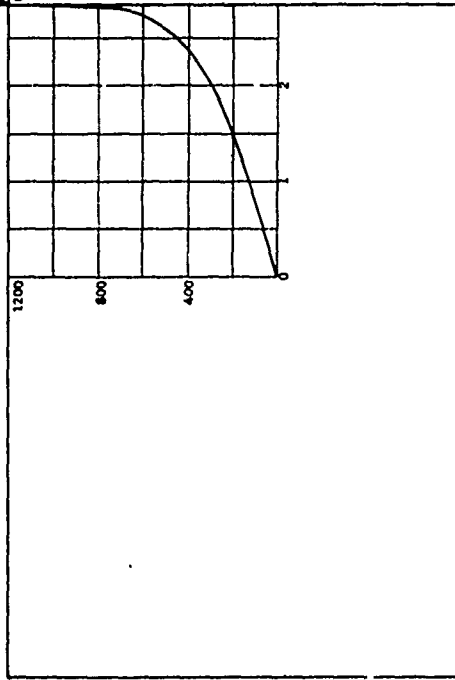
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology E-602		
Contract No. DMC33-67-C-0031		
AREA		
BORING NO.	SAMPLE NO. 1A9	
DEPTH	DATE	
EL		
LL 27	PL 15	PI 12
DESCRIPTION McCormick Ranch Sand		
Triaxial Cycle # 332		
Lateral Pressure, 1200 psi		

WATER CONTENT	W	10.71	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.75	%
DRY DENSITY	γ_d	124.19	PCF
WET DENSITY	γ	137.50	PCF
SPECIFIC GRAVITY	G_s	2.87	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE

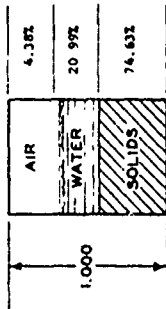


HYDROSTATIC PRESSURE, P, PSI

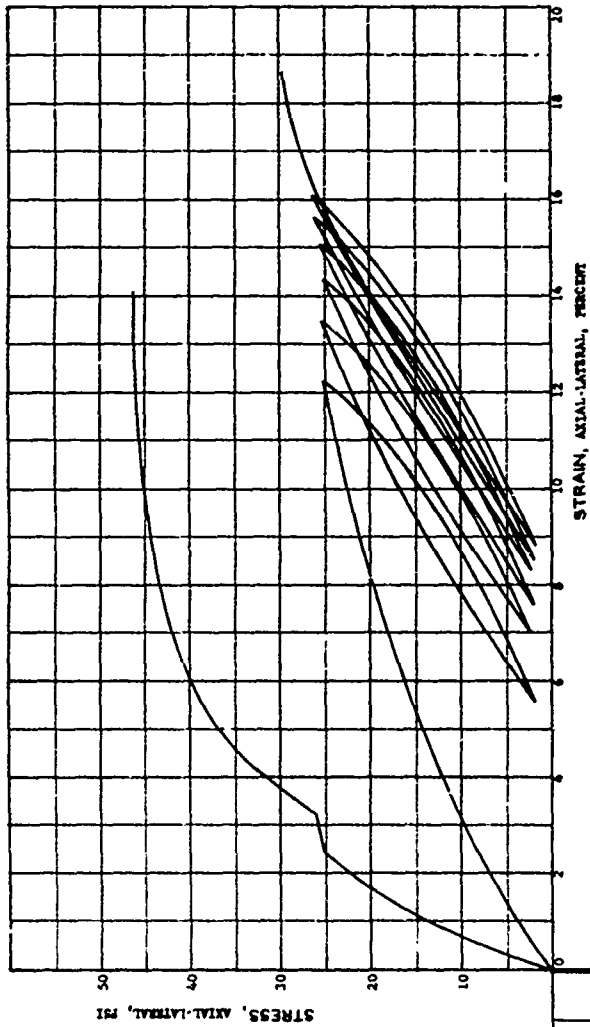
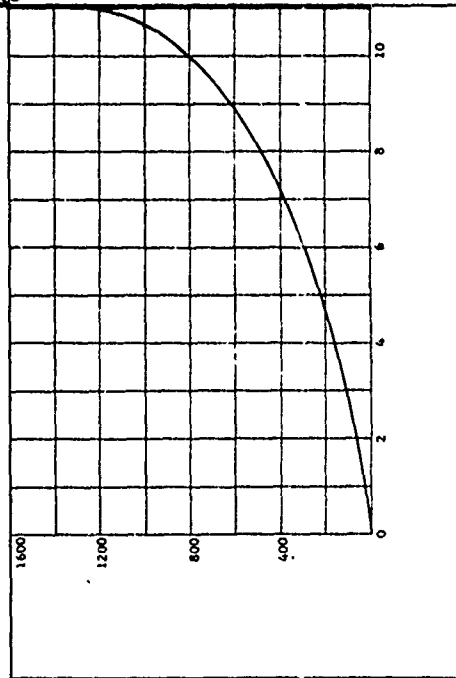
74

PROJECT <u>Georgia Institute of Technology B-402</u>	
Contract No. <u>DAG39-67-C-0031</u>	
AREA	
BORING NO.	<u>SAMPLE NO. 130</u>
DEPTH	
EL	DATE
LL 27	PL 15
	PI 12
DESCRIPTION <u>McComlet Marsh Sand</u>	
<u>Triaxial-Cycle Shear @ 33%</u>	

WATER CONTENT	W	10.53	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	82.75	%
DRY DENSITY	γ_d	124.35	PCF
WET DENSITY	γ	137.44	PCF
UNIT GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.56	CM
SPECIMEN HEIGHT	H_0	7.53	CM



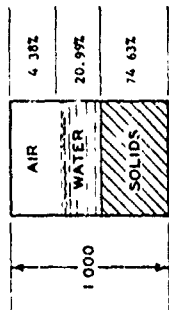
HYDROSTATIC COMPRESSION PHASE



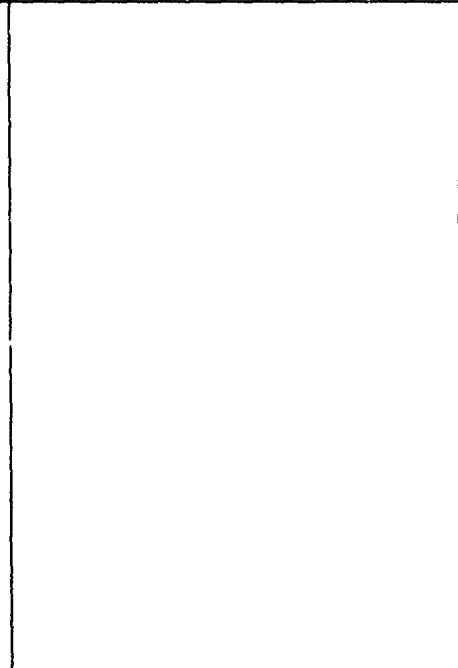
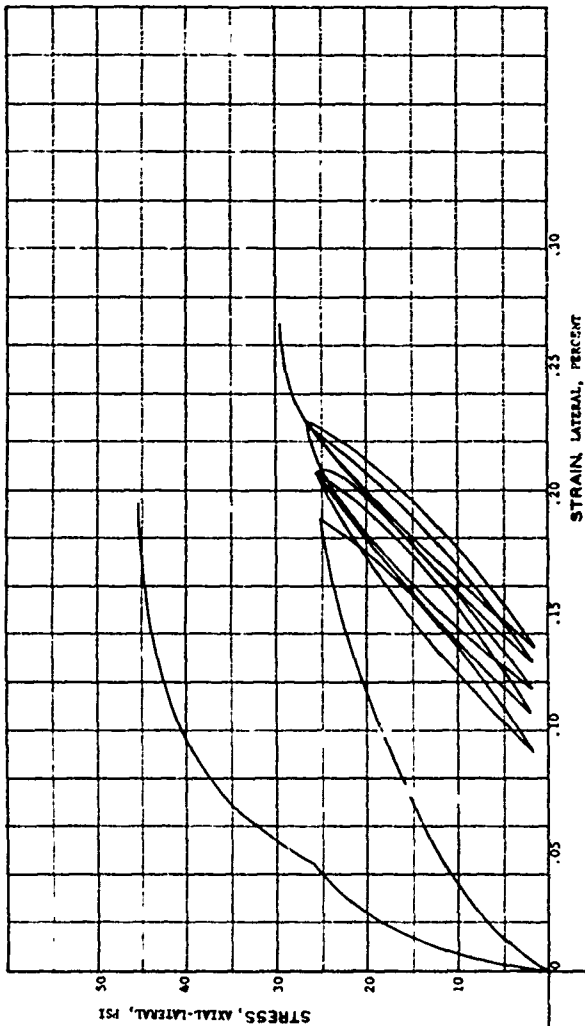
PROJECT Georgia Institute of Technology B-402
 Contract No. DMC39-67-C-0031

AREA _____ BORING NO. _____ SAMPLE NO. 100
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12
 DESCRIPTION McCormick Ranch Sand
 Triaxial Cyclic @ 35%
 Lateral Pressure, 200 psi

WATER CONTENT	W	10.53	%
VOID RATIO	e_v	0.34	
SATURATION	S_v	82.75	%
DRY DENSITY	γ_d	124.35	PCF
WET DENSITY	γ	137.44	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.56	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



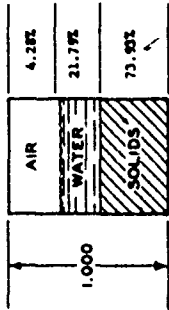
PROJECT Georgia Institute of Technology B-602
 Contract No. DMC92-67-5-0031

AREA _____

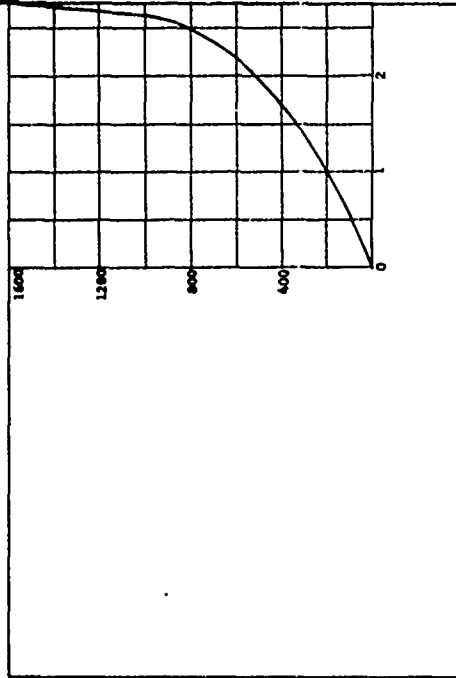
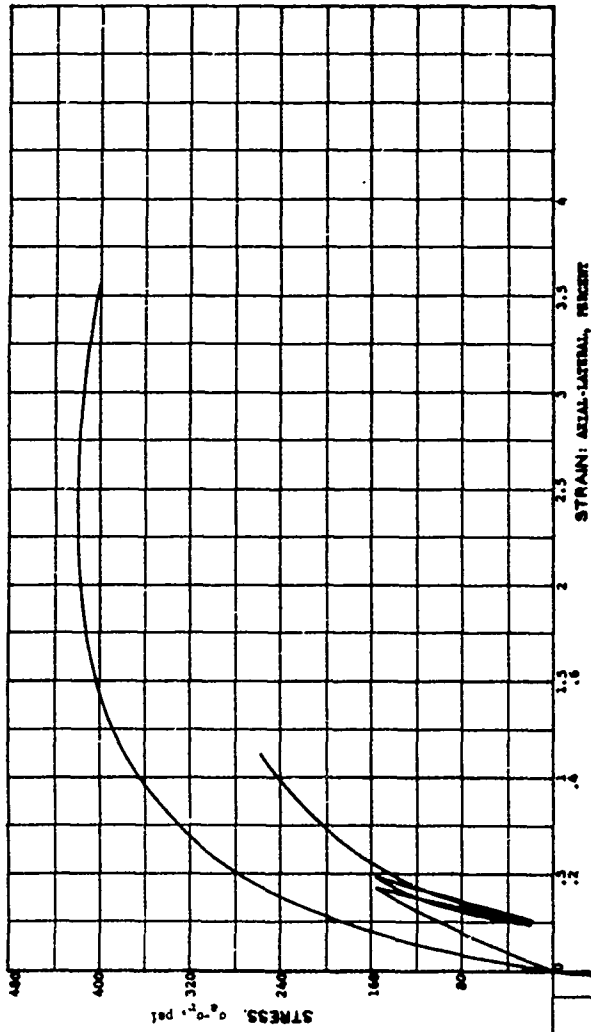
BORING NO. _____ SAMPLE NO. 100
 DEPTH _____ DATE _____
 EL _____ PL 15 PI 12

DESCRIPTION McCormick Ranch Sand
 Triaxial Cyclic 9-332
 Lateral Pressure, 200 psi

WATER CONTENT	W	11.04	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	83.58	%
DRY DENSITY	γ_d	123.17	PCF
WET DENSITY	γ	136.77	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.44	CM



HYDROSTATIC COMPRESSION PHASE

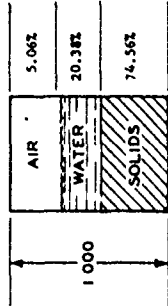


HYDROSTATIC PRESSURE, p , PSI

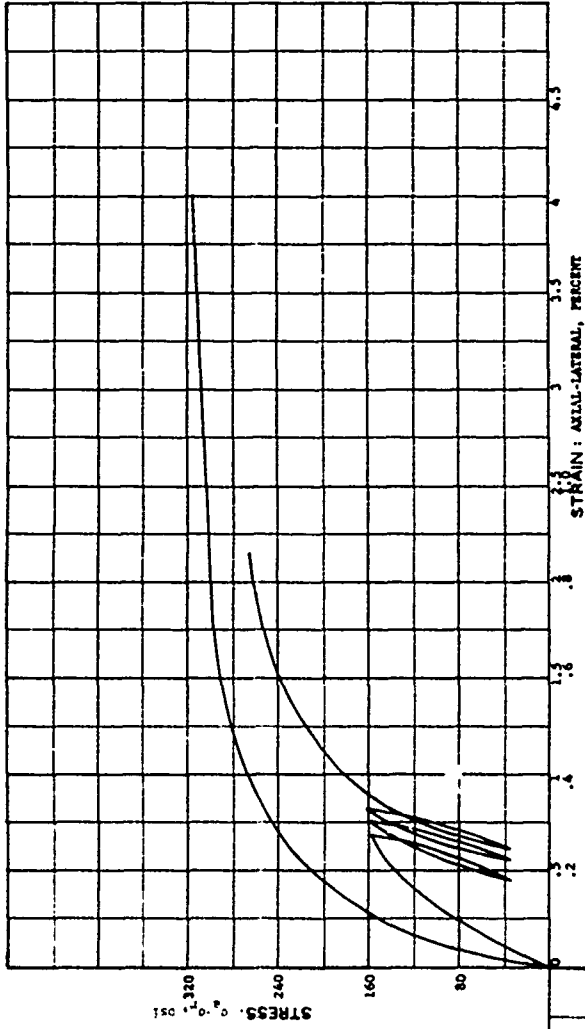
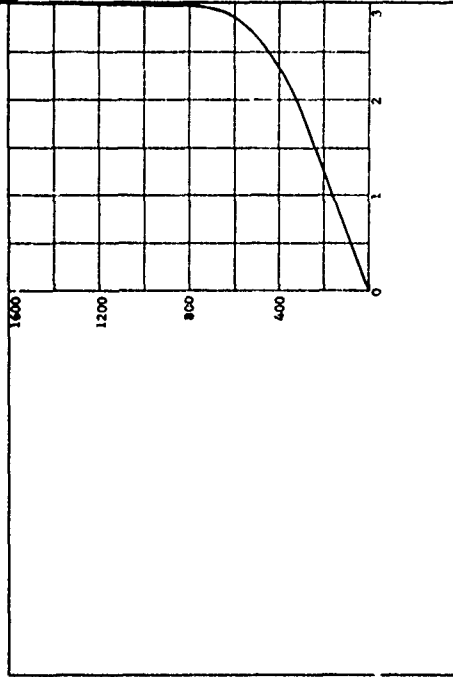
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT <u>Geotile Institute of Technology 8-603</u>	
Contract No. <u>DMAJ3-67-C-0011</u>	
AREA	SAMPLE NO. <u>133</u>
BORING NO.	DEPTH
DATE	DATE
LL <u>27</u>	PL <u>13</u>
DESCRIPTION <u>McDonnell Ranch Sand</u>	
<u>Triaxial-Cycle Sheet 0-333</u>	

WATER CONTENT	W	10.24	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	80.11	%
DRY DENSITY	γ_d	124.23	PCF
WET DENSITY	γ	136.94	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
CONTRACT No. DACW39-67-C-0031

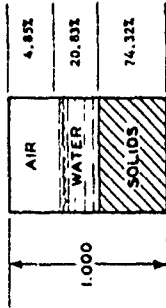
AREA _____ BORING NO. _____ SAMPLE NO. 133
DEPTH _____ DATE _____
LL 27 PL 15 PI 12

DESCRIPTION Redoyleck Beach Sand
Triaxial-Cycle Shear @ 35%

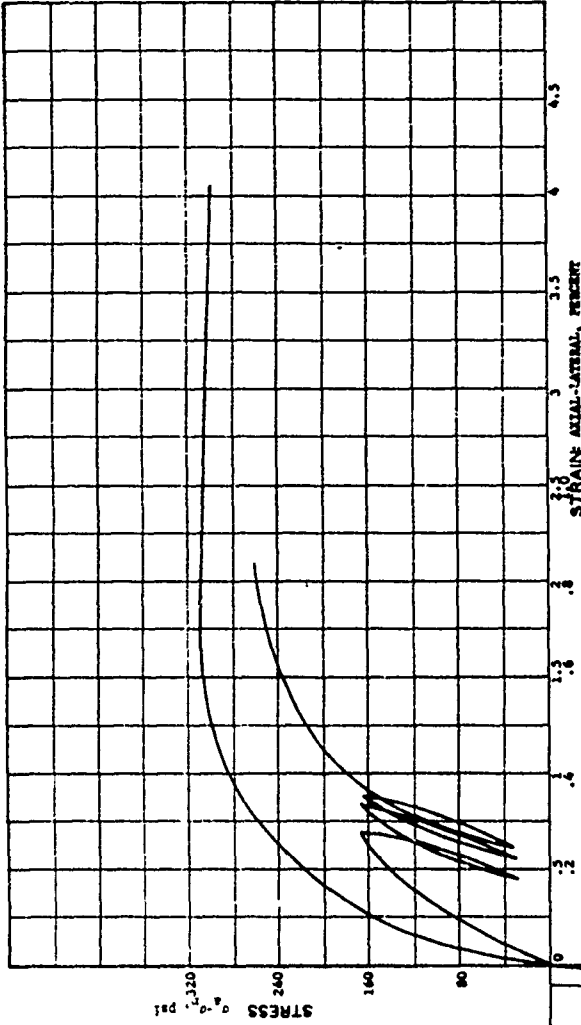
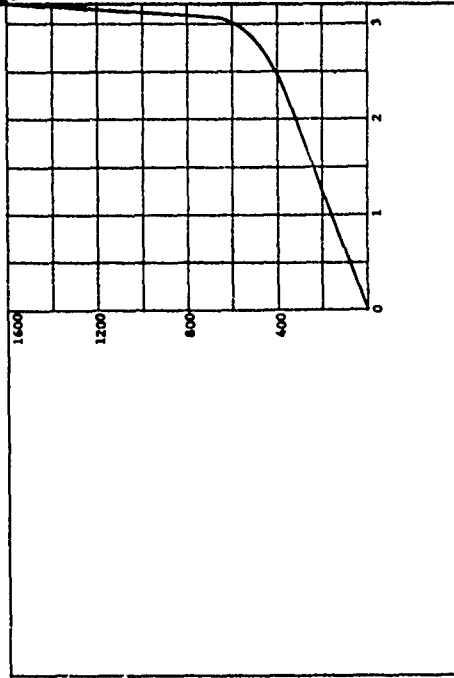
HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.50 %
VOID RATIO	e_0	0.35
SATURATION	S_0	81.10 %
DRY DENSITY	γ_d	123.82 PCF
WET DENSITY	γ	136.81 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DCA39-67-C-0031

AREA _____

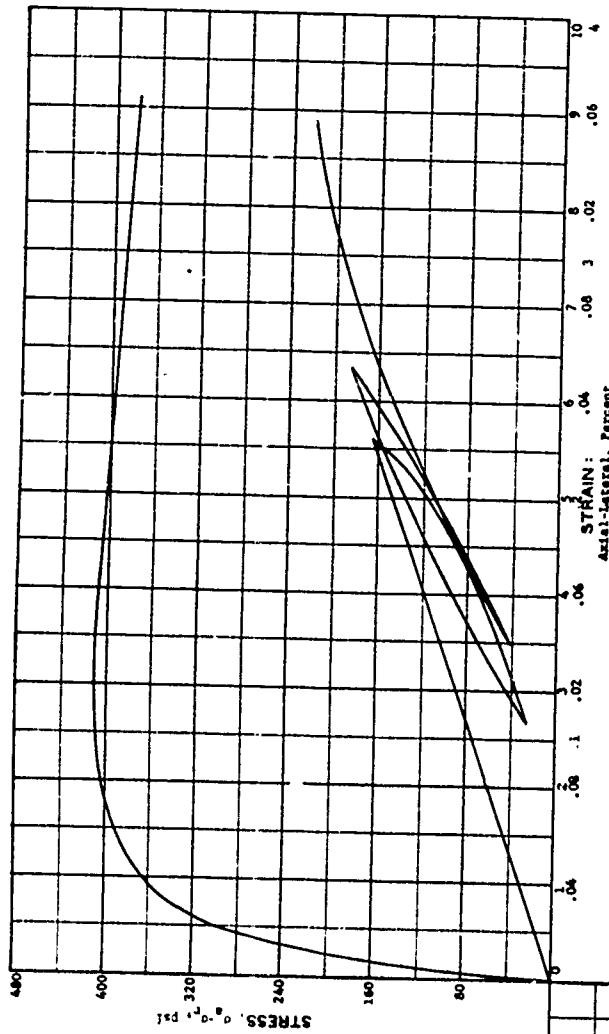
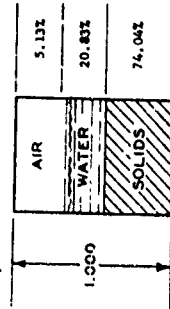
BORING NO. _____ SAMPLE NO. 154

DEPTH _____ DATE _____

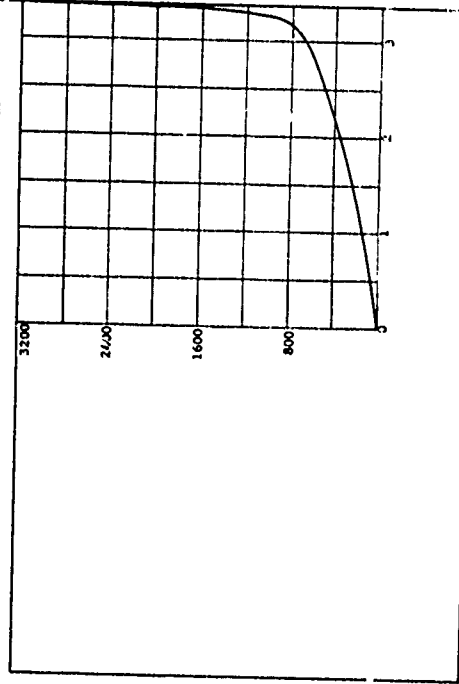
LL 27 PL 15 PI 12

DESCRIPTION McCordick Ranch Sand
 Triaxial-Compression Shear @ 33%

WATER CONTENT	W	10.53 %
VOID RATIO	e_0	0.35
SATURATION	S_0	80.22 %
DRY DENSITY	γ_d	123.35 PCF
WET DENSITY	γ	136.35 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.46 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DAC33-67-C-0051

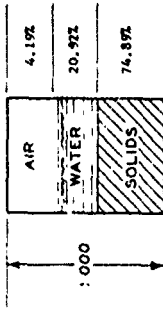
AREA

BORING NO. SAMPLE NO. 129
DATE

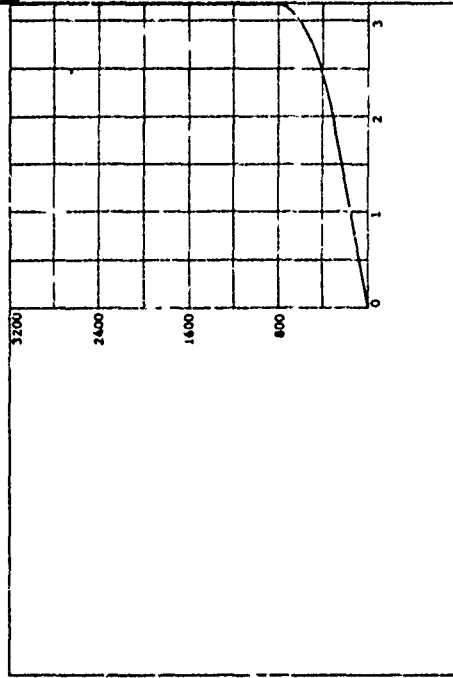
LL 27 PL 15 PI 12

DESCRIPTION McCormick Ranch Sand
Triaxial-Cycle Shear @ 35%

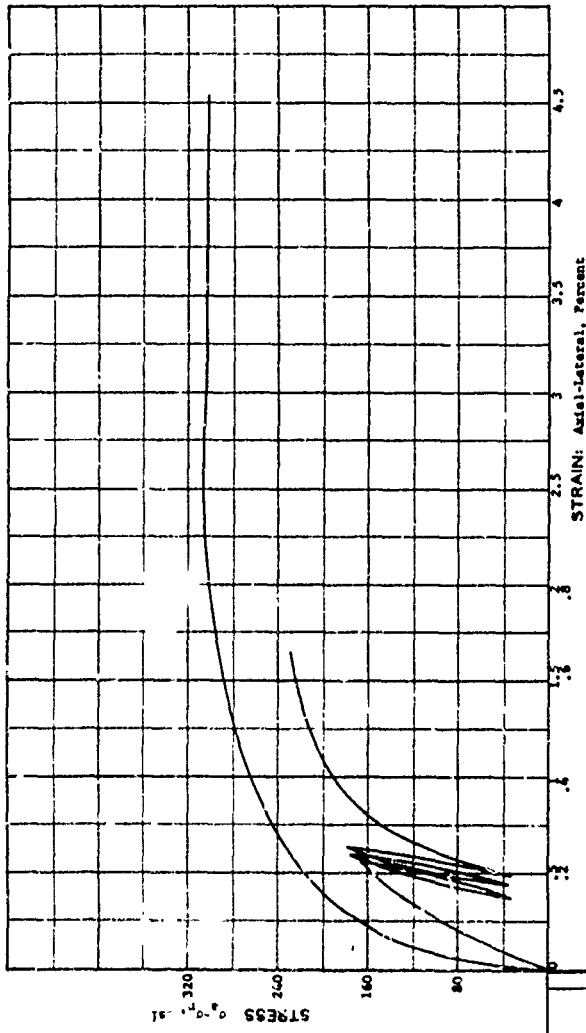
WATER CONTENT	W	10.46 %
VOID RATIO	e_0	0.74
SATURATION	S_0	83.33 %
DRY DENSITY	γ_d	74.78 PCF
WET DENSITY	γ	127.83 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7 CM



HYDROSTATIC COMPRESSION PHASE



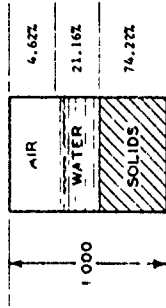
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



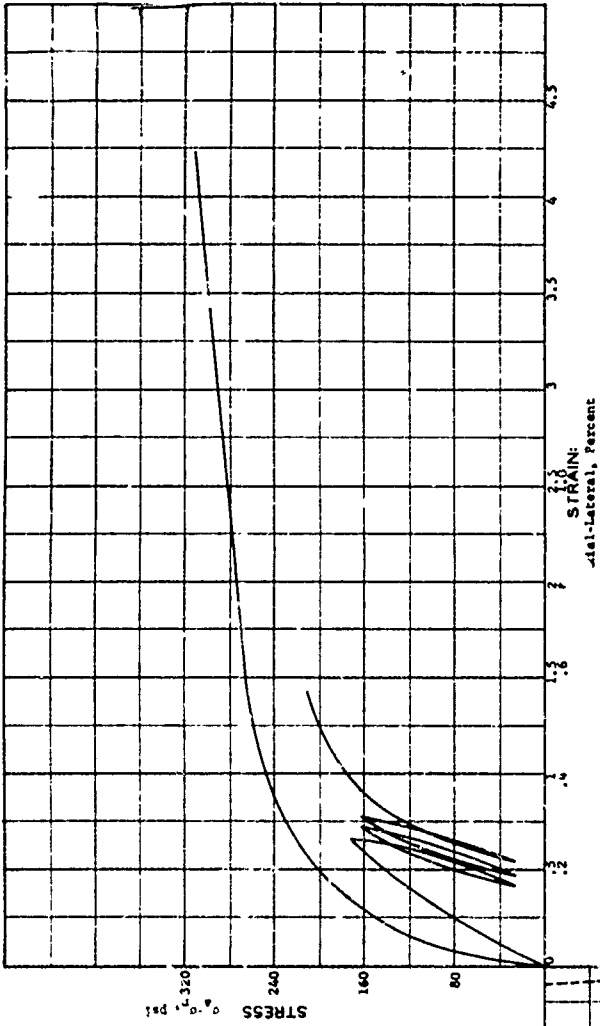
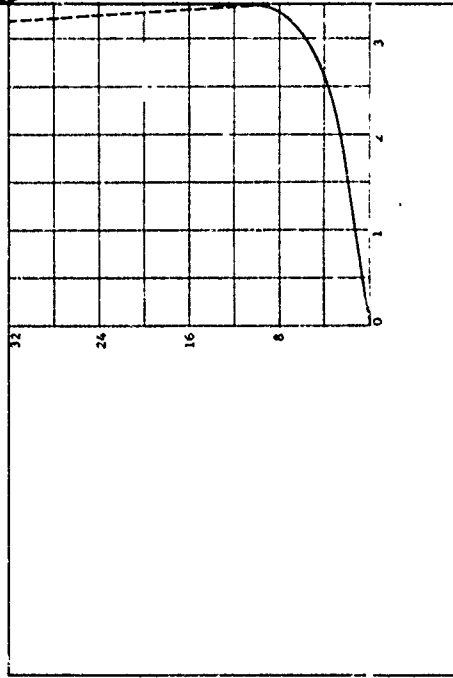
HYDROSTATIC PRESSURE, p , PSI

PROJECT Georgia Institute of Technology B-602		
Contract No. DMA39-67-C-0031		
AREA		
BORING NO.	SAMPLE NO. 135	
DEPTH	DATE	
EL		
LL 27	PL 25	PI 12
DESCRIPTION McCormick Marsh Sand		
Triaxial-Cycle Shear @ 33%		

WATER CONTENT	W	10.67	%
VOID RATIO	e ₀	0.35	
SATURATION	S ₀	82.06	%
DRY DENSITY	γ _d	123.66	PCF
WET DENSITY	γ	136.86	PCF
SPECIFIC GRAVITY	G _s	2.67	
SPECIMEN DIAMETER	D ₀	3.50	CM
SPECIMEN HEIGHT	H ₀	7.53	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DACA39-67-G-0051

AREA _____

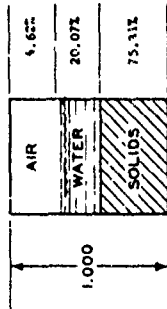
BORING NO. _____ SAMPLE NO. 139

DEPTH _____ DATE _____

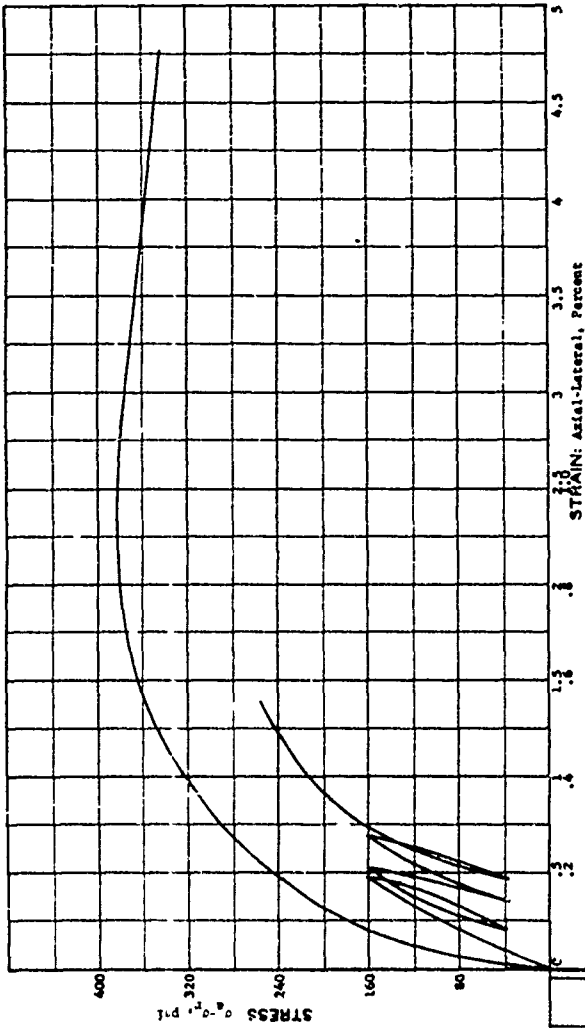
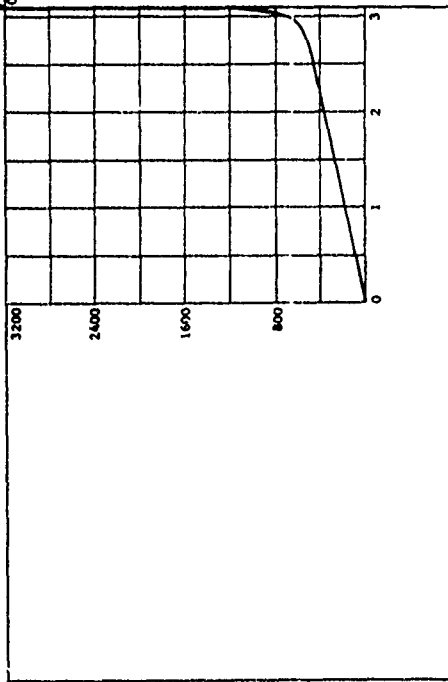
LL 27 PL 15 PI 13

DESCRIPTION McComack Ranch Sand
Triaxial-Cycle Shear @ 3%

WATER CONTENT	W	9.98 %
VOID RATIO	e ₀	0.33
SATURATION	S ₀	81.26 %
DRY DENSITY	γ _d	125.47 PCF
WET DENSITY	γ	137.99 PCF
SPECIFIC GRAVITY	G _s	2.67
SPECIMEN DIAMETER	D ₀	3.50 CM
SPECIMEN HEIGHT	H ₀	7.52 CM



HYDROSTATIC COMPRESSION PHASE

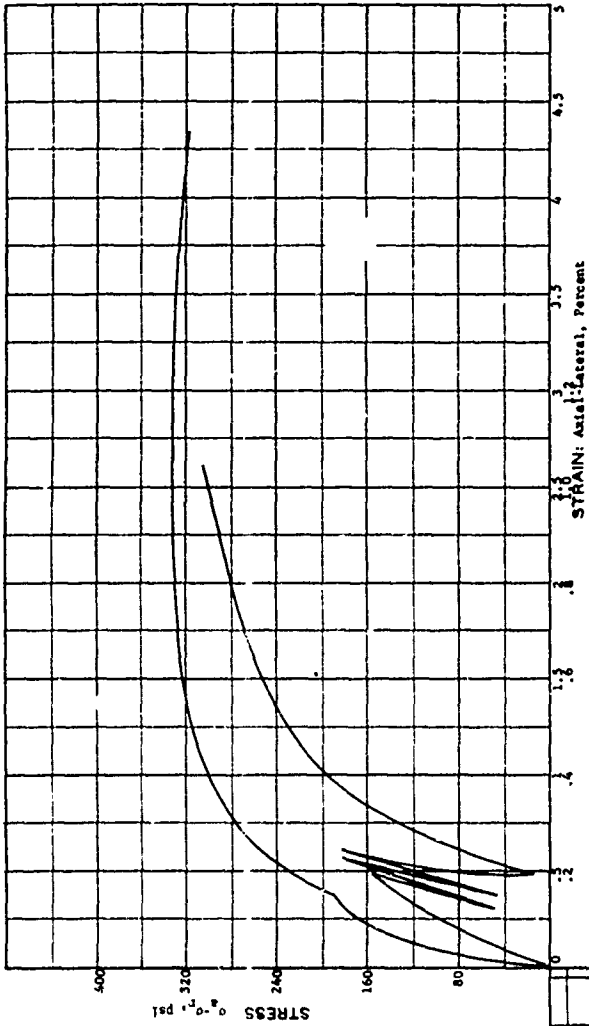
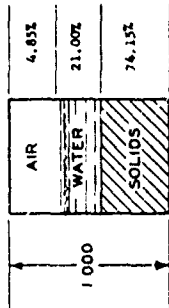


PROJECT Georgia Institute of Technology B-602	
Contract No. DAC39-67-C-0051	
AREA	
BORING NO	SAMPLE NO. 160
DEPTH	DATE
EL	
LL 27	PL 15
	P1 12
DESCRIPTION McComick Ranch Sand	
Triaxial-Cycle Shear @ 35%	

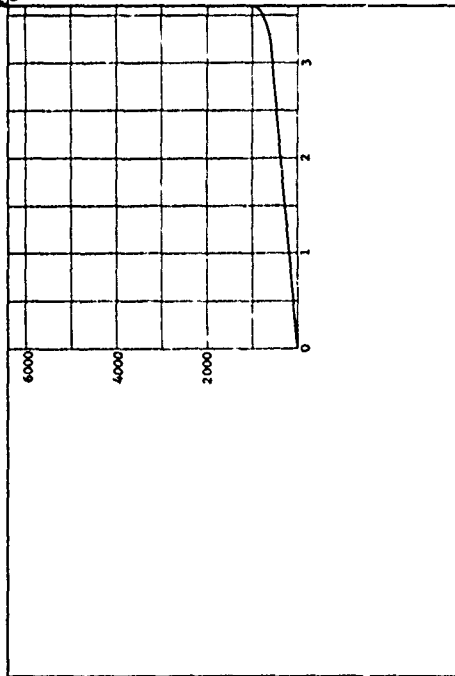
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, ΔV/V₀, PERCENT

WATER CONTENT	W	10.60 %
VOID RATIO	e_0	0.35
SATURATION	S_0	81.22 %
DRY DENSITY	γ_d	123.54 PCF
WET DENSITY	γ	136.64 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM

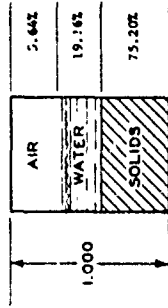


HYDROSTATIC COMPRESSION PHASE

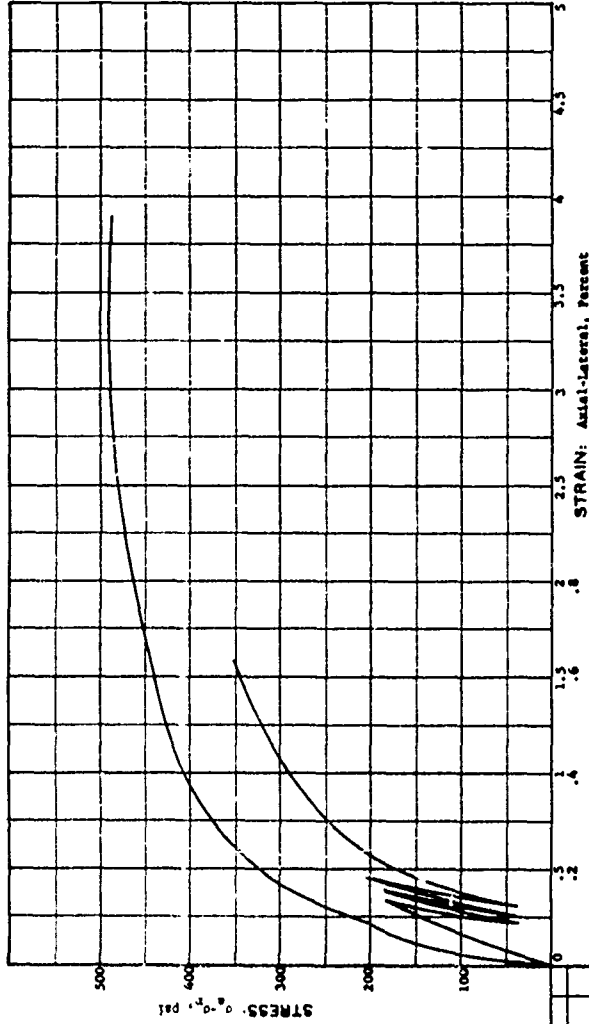
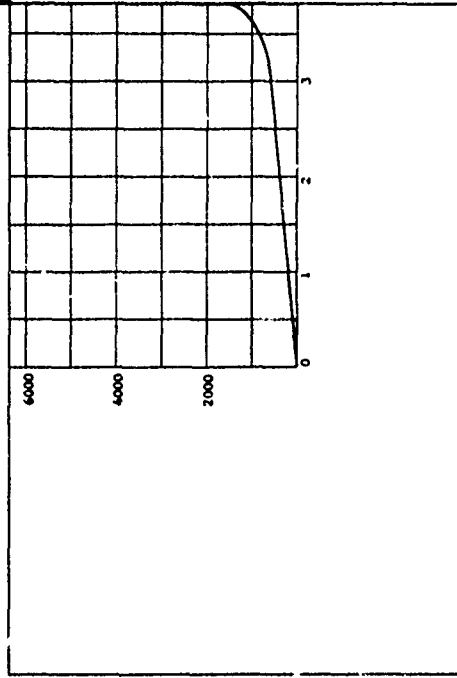


PROJECT Georgia Institute of Technology 8-602	
Contract No. DMC19-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 172
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Triaxial-Cyclic Shear @ 15%	

WATER CONTENT	W	9.54 %
VOID RATIO	e_0	0.33
SATURATION	S_0	77.25 %
DRY DENSITY	γ_d	125.29 PCF
WET DENSITY	γ	137.25 PCF
----- GRAVITY		
	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE

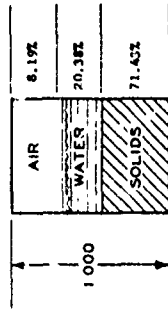


PROJECT Georgia Institute of Technology B-402		
Contract No. DAC39-67-C-0051		
AREA		
BORING NO.	SAMPLE NO. 175	
DEPTH	DATE	
EL		
LL 27	PL 15	PI 13
DESCRIPTION McCormick E. Job Sand		
Triaxial-Cyclic Shear @ 15%		

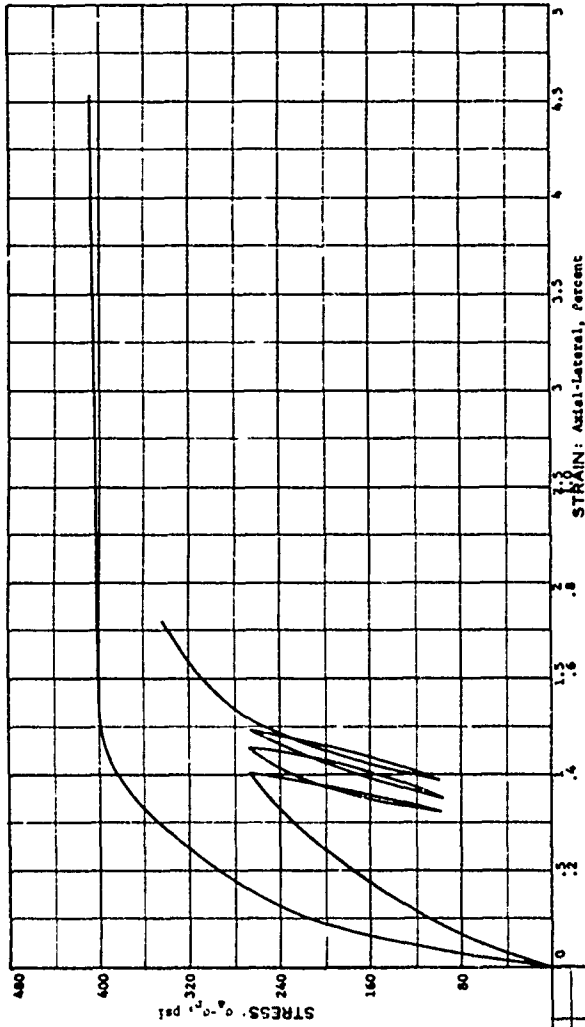
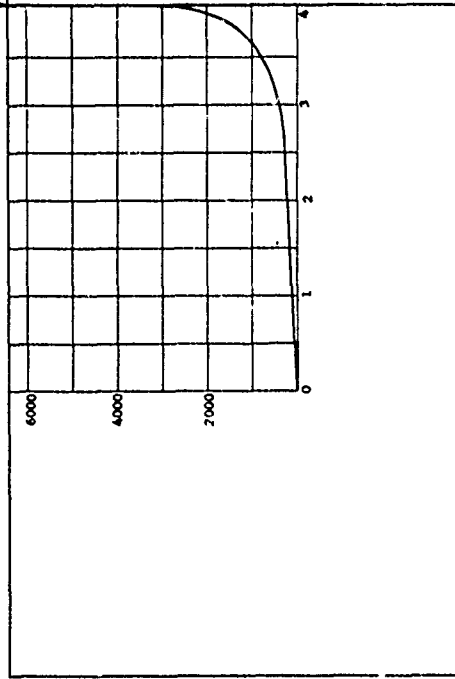
HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.68	%
VOID RATIO	e_0	0.40	
SATURATION	S_v	71.32	%
DRY DENSITY	γ_d	119.00	PCF
WET DENSITY	γ	131.72	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM

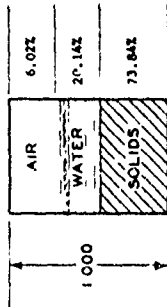


HYDROSTATIC COMPRESSION PHASE

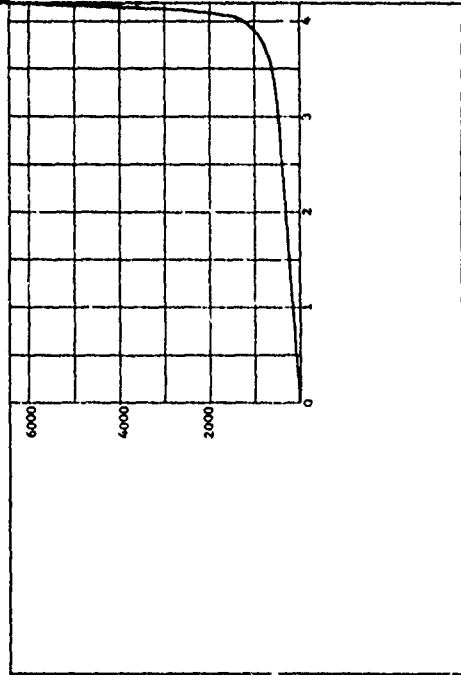


PROJECT Georgia Institute of Technology B-602	
Contract No. DAC49-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 178
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCumbeck Beach Sand	
Triaxial-Cycle Shear @ 35%	

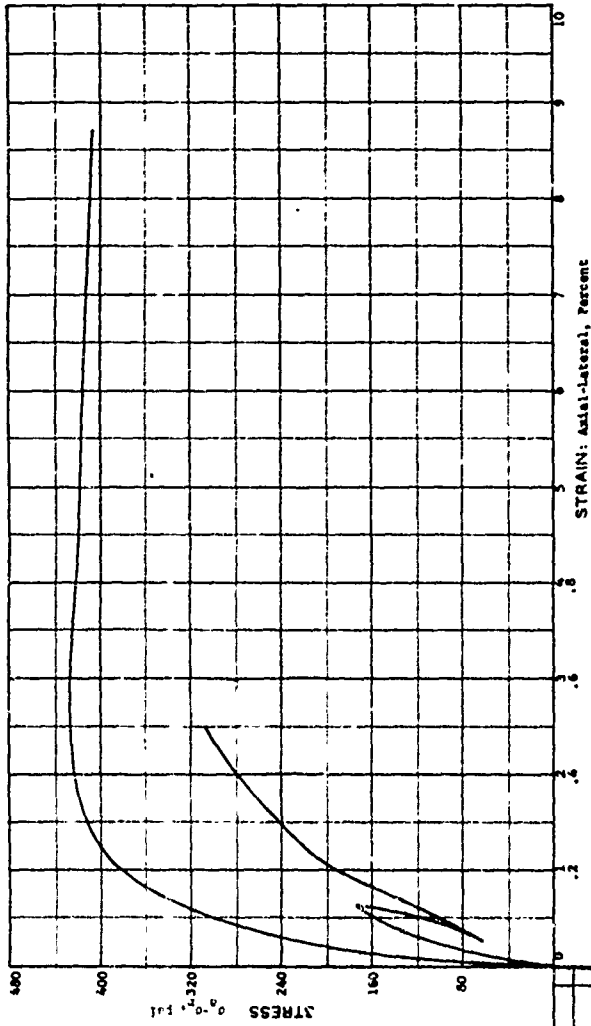
WATER CONTENT	W	10.22	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	76.97	%
DRY DENSITY	γ_d	123.02	PCF
WET DENSITY	γ	135.58	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



PROJECT Georgia Institute of Technology E-602
Contract No. DACA39-67-C-0031

AREA _____

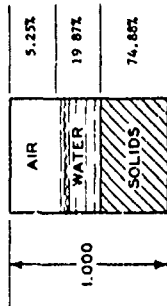
BORING NO. _____ SAMPLE NO. 180
DEPTH _____ DATE _____
EL. _____

LL 27 PL 15 PI 13

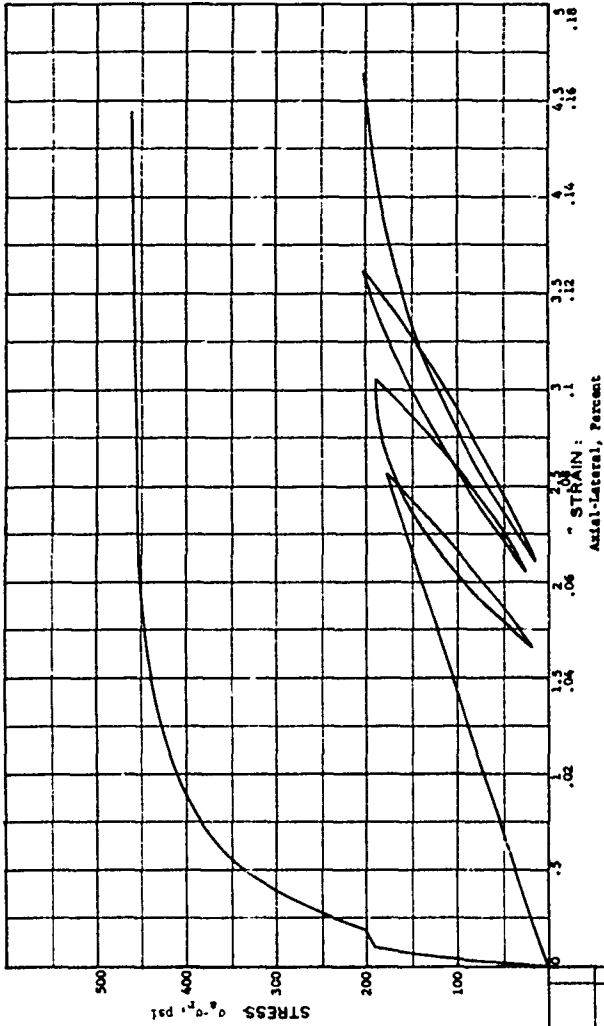
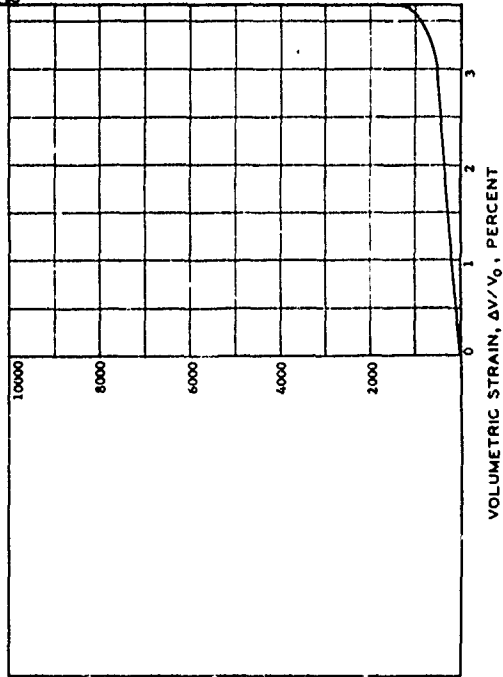
DESCRIPTION McCormick Beach Sand
Trial-Cycle Shear @ 35%

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	9.96 %
VOID RATIO	e_0	0.34
SATURATION	S_0	79.11 %
DRY DENSITY	γ_d	124.73 PCF
WET DENSITY	γ	137.15 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.52 CM



HYDROSTATIC COMPRESSION PHASE

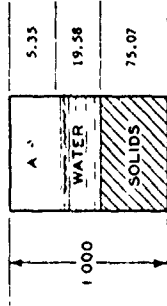


PROJECT Georgia Institute of Technology B-402
Contract No. DAC439-67-C-0051

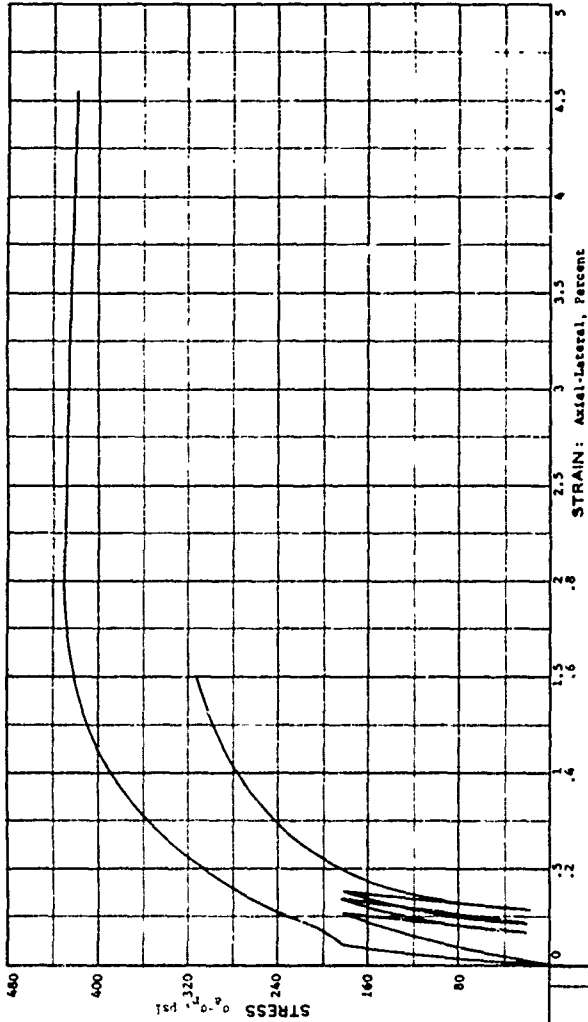
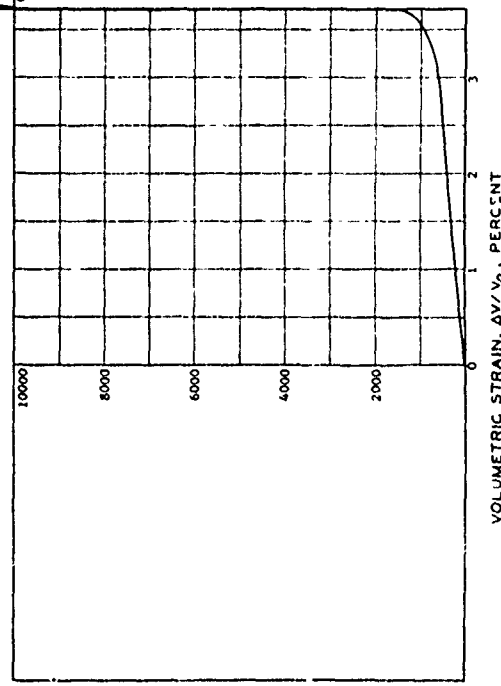
AREA _____ BORING NO. _____ SAMPLE NO. 171
DEPTH _____ DATE _____
EL _____ PL 15 PI 12

DESCRIPTION McComick Ranch Sand
Triaxial-Cyclic Shear @ 3%

WATER CONTENT	W	9.77 %
VOID RATIO	e_0	0.33
SATURATION	S_0	78.55 %
DRY DENSITY	γ_d	125.08 PCF
WET DENSITY	γ	137.30 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.52 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DMA39-67-C-0051

AREA _____

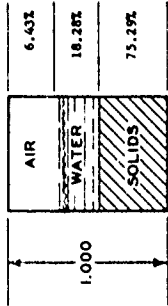
BORING NO. _____ SAMPLE NO. 176

DEPTH _____ DATE _____

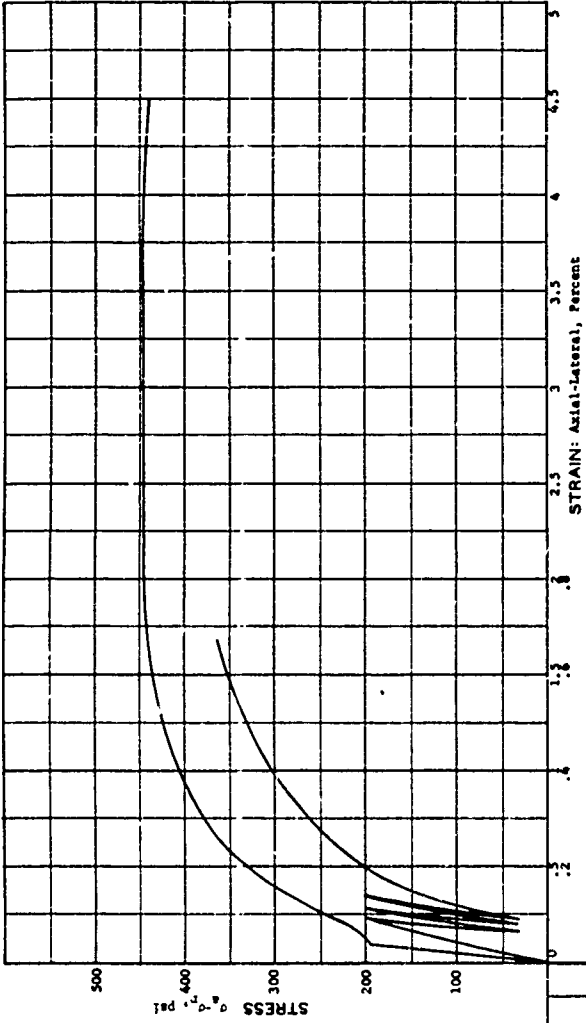
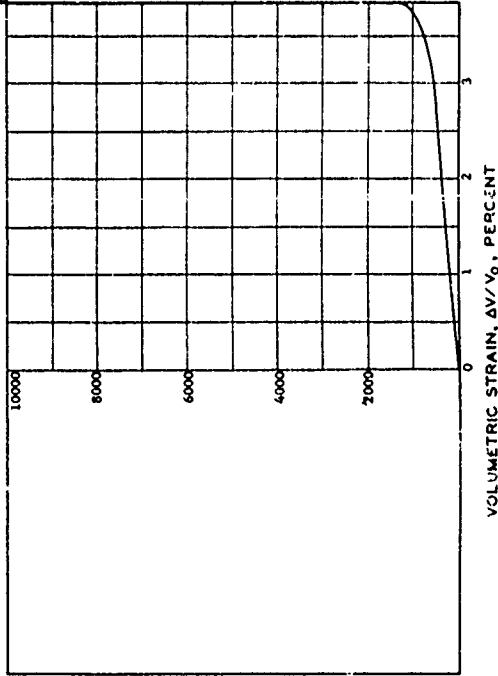
EL _____ PL 25 PI 12

DESCRIPTION McCOMBET MARSH SAND
Triaxial-Cyclic Shear 0.255

WATER CONTENT	W	9.09%
VOID RATIO	e_0	0.33
SATURATION	S_0	72.01%
DRY DENSITY	γ_d	133.45 PCF
WET DENSITY	γ	136.86 PCF
SPECIFIC GRAVITY	G_s	2.87
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.51 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology 3-602

Contract No. DAM39-67-C-0051

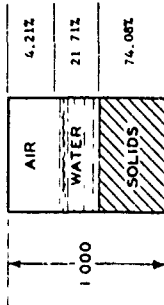
AREA	
BORING NO.	SAMPLE NO. 179
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Triaxial-Cycle Shear @ 33%	

Group C

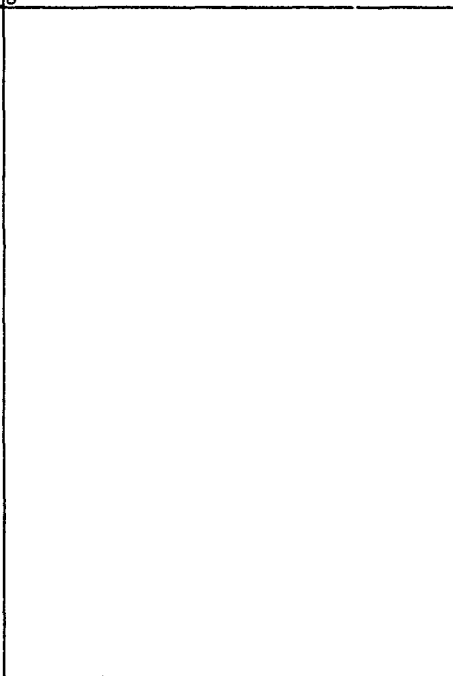
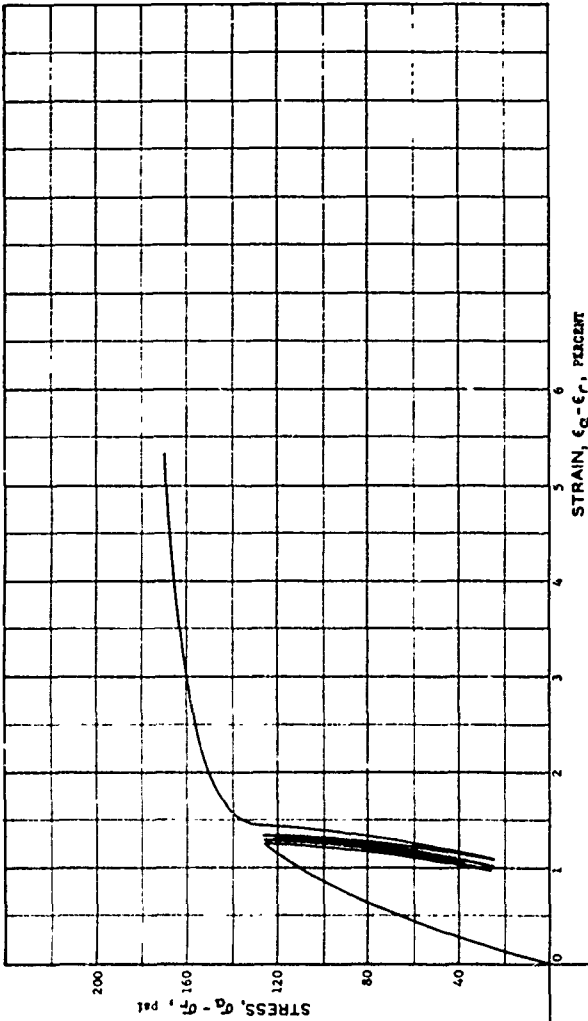
Triaxial Tests, Cyclic at 75%

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WATER CONTENT	W	10.98 %
VOID RATIO	e_0	0.35
SATURATION	S_0	83.37 %
DRY DENSITY	γ_d	123.43 PCF
WET DENSITY	γ	136.97 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.52 CM



HYDROSTATIC COMPRESSION PHASE

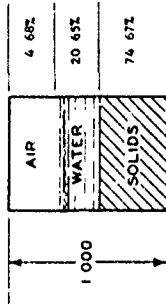


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

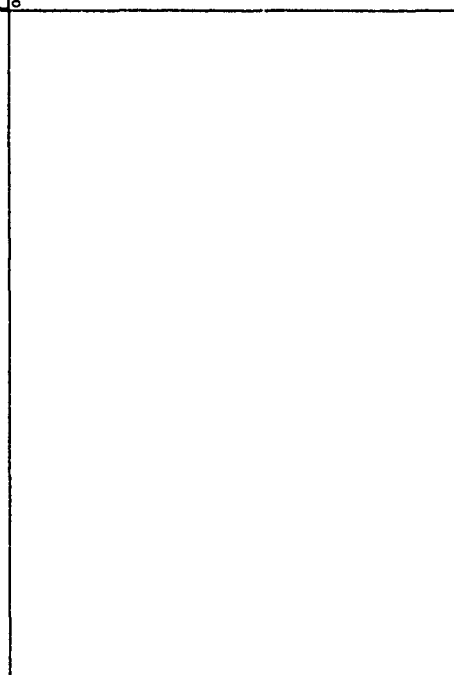
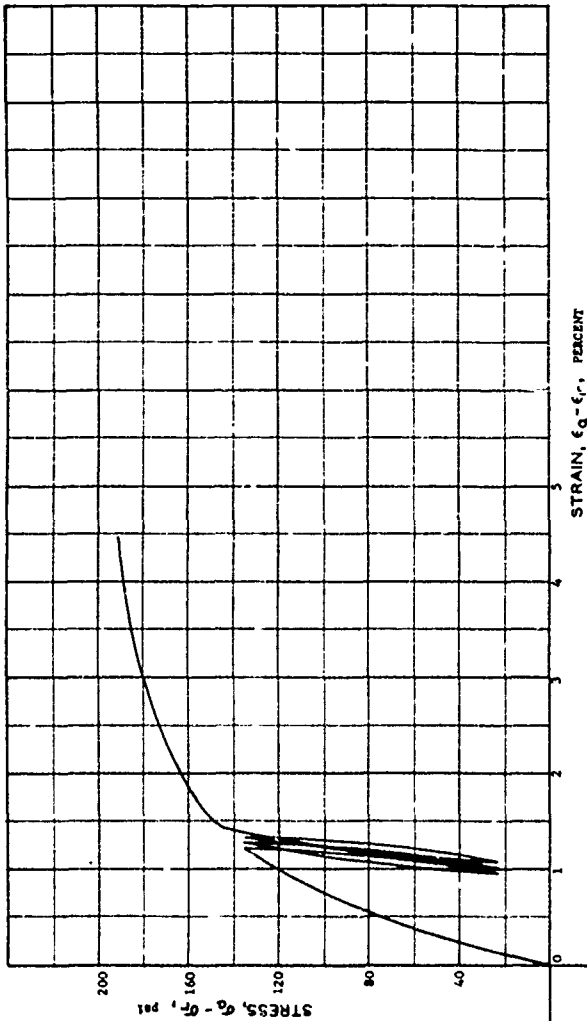
HYDROSTATIC PRESSURE, p, PSI

PROJECT		G ₃ Tech B-602.	
AREA		Contract No. DMCA39-67-C-0031	
BORING NO	DEPTH	SAMPLE NO.	DATE
EL	27	107	PL 15
LL	PL	PI	12
DESCRIPTION McCormick Ranch Sand			
Triaxial-Cycle Shear @ 75%			

WATER CONTENT	W	10.36	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.52	%
DRY DENSITY	γ_d	124.40	PCF
WET DENSITY	γ	137.29	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.51	CM



HYDROSTATIC COMPRESSION PHASE

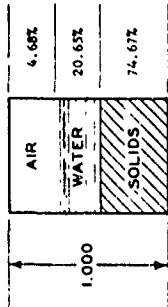


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

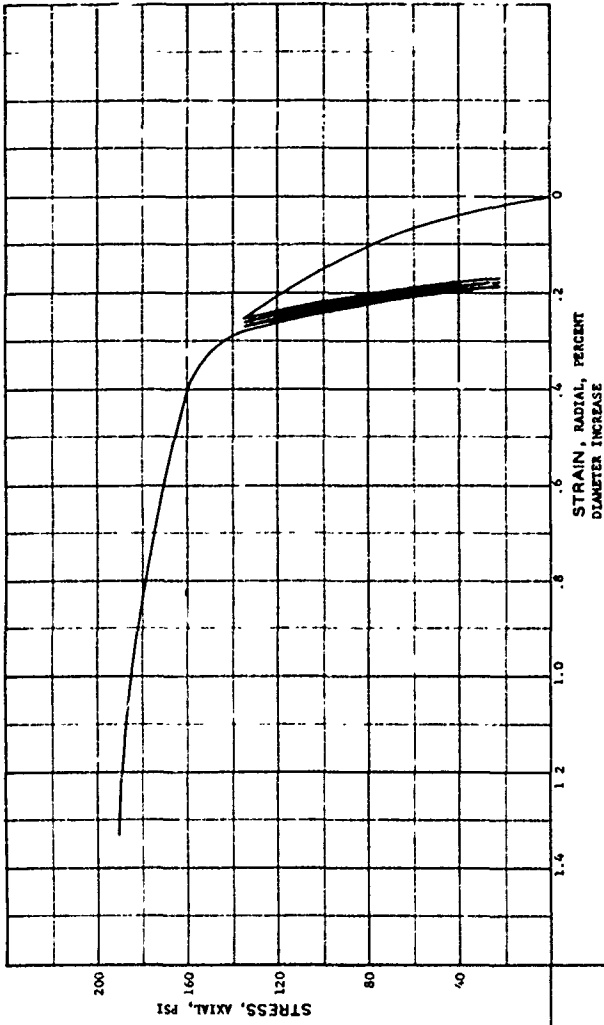
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Ca Tech 3-602.	
	Contract No. DCA33-67-C-0251	
AREA		
BORING NO	SAMPLE NO. 109	
DEPTH	DATE	
EL		
LL	:7	PL 15 PI 12
DESCRIPTION	McComick Ranch Sand	
	Tetral, Cyclic @ 75%	
	Lateral Pressure, 200 psi	

WATER CONTENT	W	10.36 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.52 %
DRY DENSITY	γ_d	126.40 PCF
WET DENSITY	γ	137.29 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.51 CM



HYDROSTATIC COMPRESSION PHASE

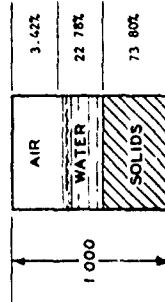


HYDROSTATIC PRESSURE, p, PSI

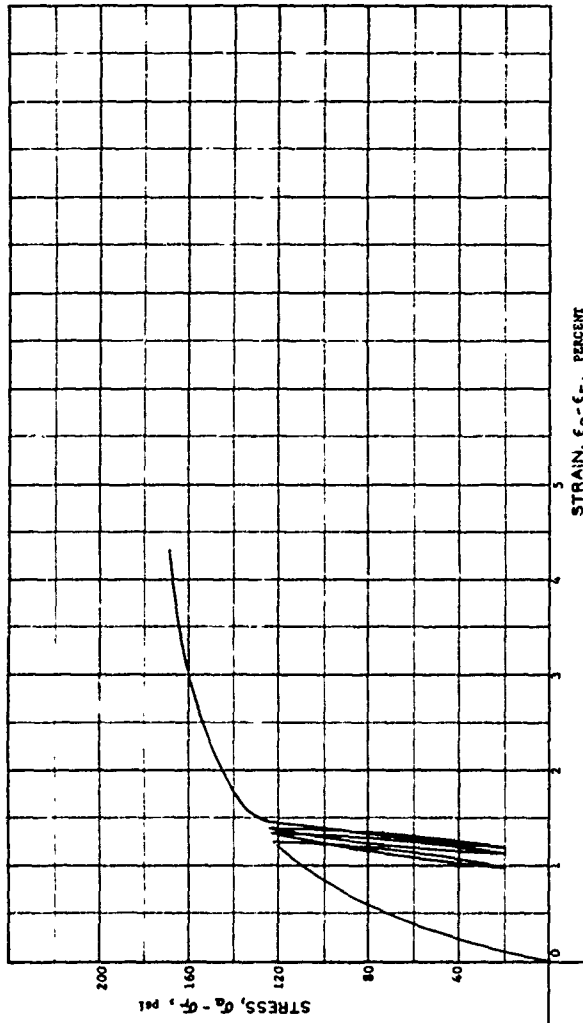
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT <u>Ca Tech B-602,</u>	
Contract No. <u>DACA39-67-C-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>109</u>
DEPTH	DATE
EL.	
LL <u>27</u>	PL <u>15</u>
	PI <u>12</u>
DESCRIPTION <u>McCormick Beach Sand</u>	
<u>Triaxial, Cyclic @ 75%</u>	
<u>Lateral Pressure, 200 psi</u>	

WATER CONTENT	W	11.56 %
VOID RATIO	e_0	0.35
SATURATION	S_0	86.96 %
DRY DENSITY	γ_d	122.95 PCF
WET DENSITY	γ	137.17 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.52 CM
SPECIMEN HEIGHT	H_0	7.49 CM



HYDROSTATIC COMPRESSION PHASE



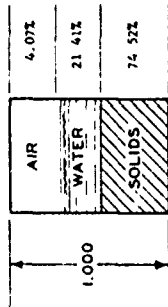
HYDROSTATIC PRESSURE, p , PSI

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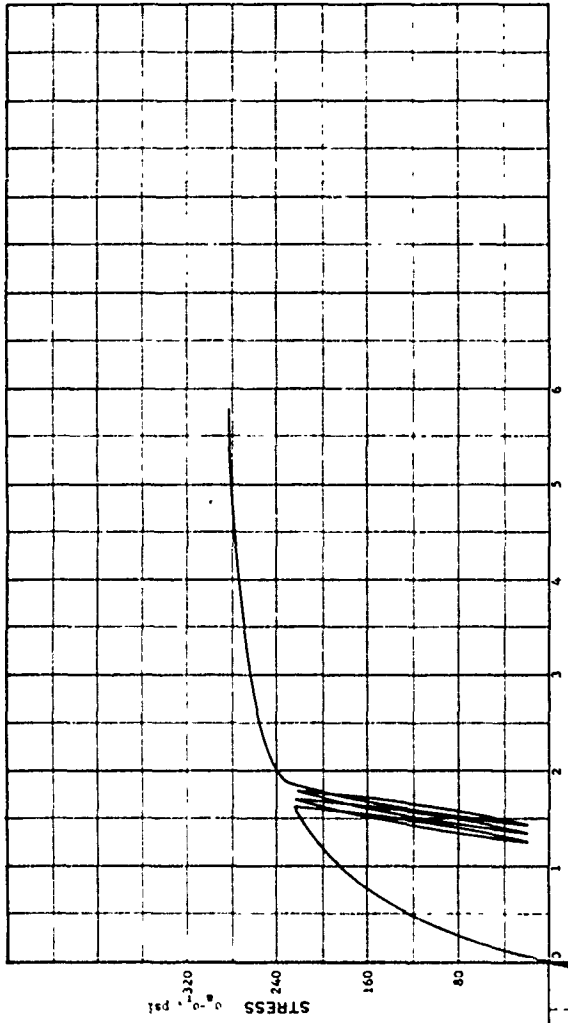
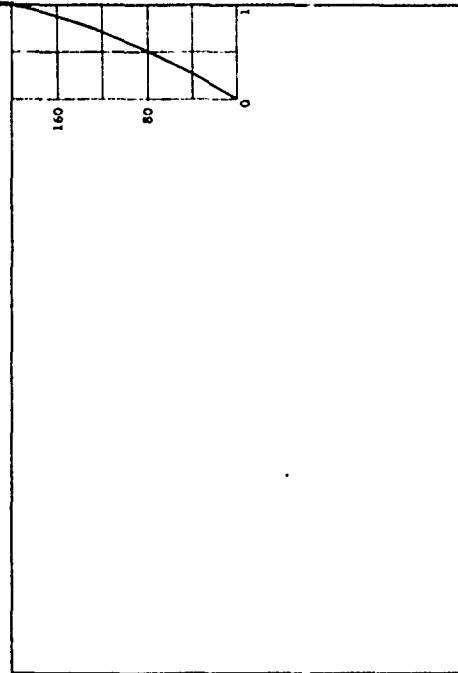
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Ga Tech B-602	
Contract No.	DAC49-67-C-0051	
AREA		
BORING NO.	SAMPLE NO. 113	
DEPTH		DATE
EL		
LL	27	PL 15
		PI 12
DESCRIPTION	McComick Beach Sand	
	Triaxial-Cycle Shear @ 75%	

WATER CONTENT	W	10.76 %
VOID RATIO	e_0	0.34
SATURATION	S_v	84.03 %
DRY DENSITY	γ_d	124.15 PCF
WET DENSITY	γ	137.51 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.54 CM



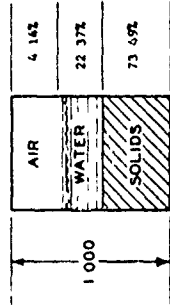
HYDROSTATIC COMPRESSION PHASE



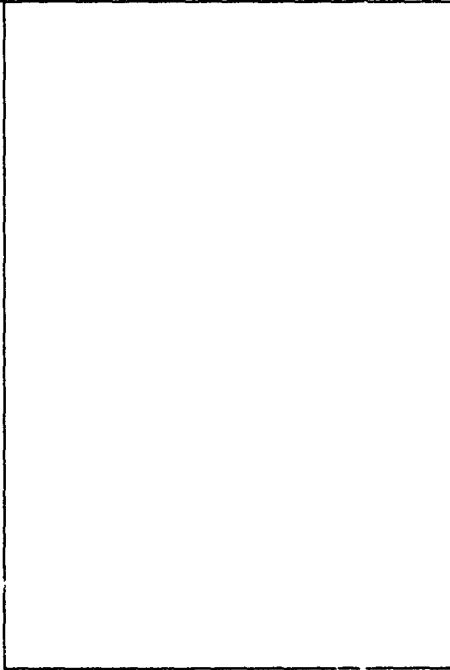
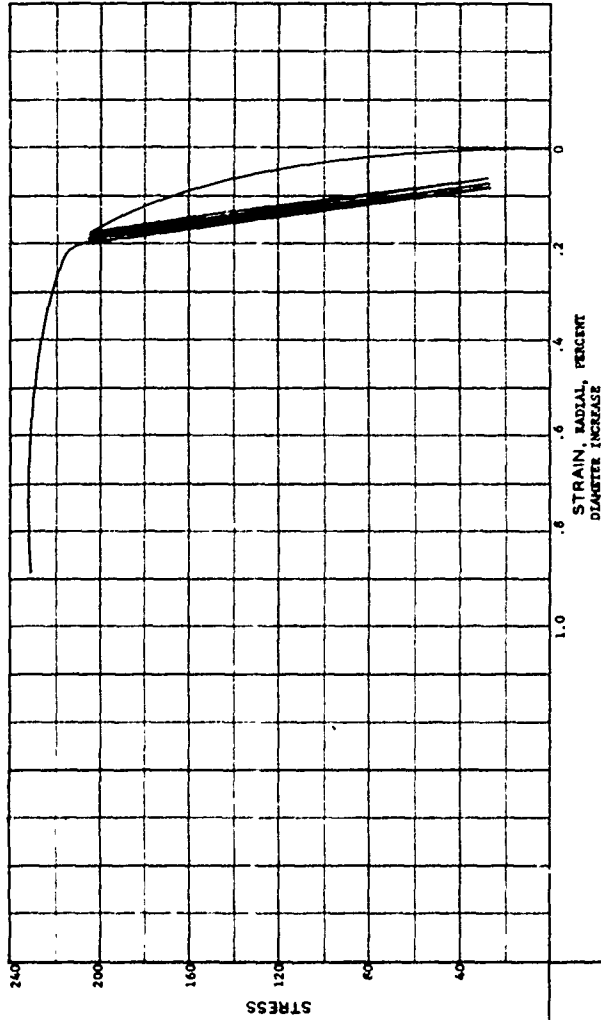
PROJECT		Ca. Tech B-602;	
CONTRACT NO.		DMCA39-67-C-0031	
AREA	BORING NO.	SAMPLE NO.	1056
DEPTH	EL.	DATE	
LL	27	PL	15
		PI	12
DESCRIPTION McCormick Ranch Sand			
Triaxial-Cycle Shear @ 75%			

HYDRO: FATIC PRESSURE, P, PSI

WATER CONTENT	W	11.40	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	84.40	%
DRY DENSITY	γ_d	122.44	PCF
WET DENSITY	γ	136.40	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.52	CM
SPECIMEN HEIGHT	H_0	7.50	CM



HYDROSTATIC COMPRESSION PHASE

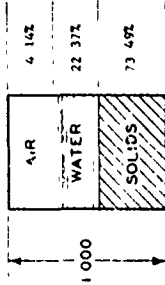


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

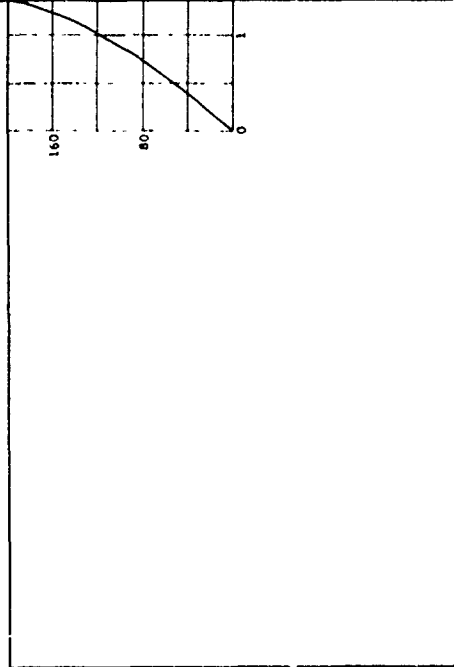
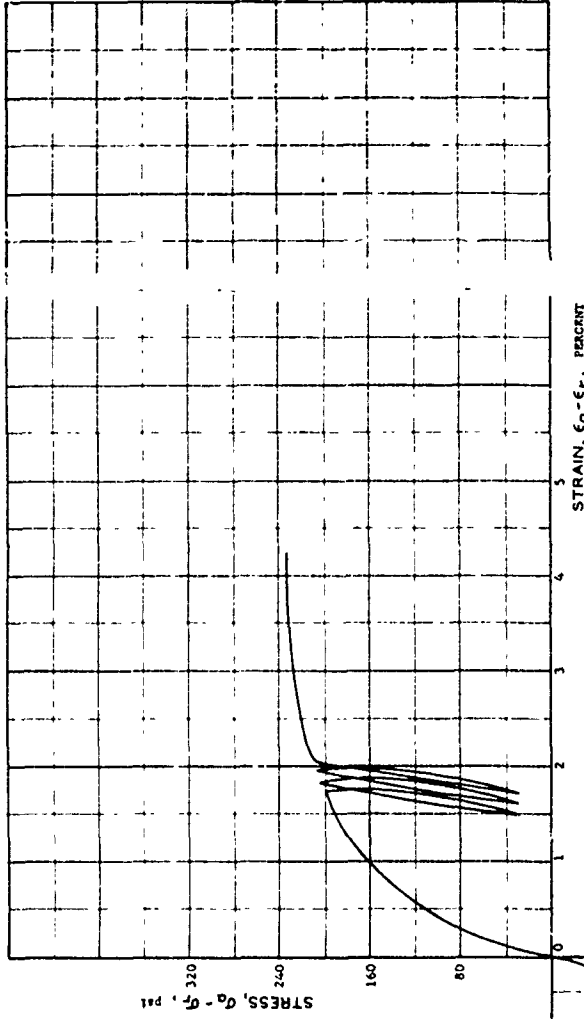
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Ga Tech B-502	
AREA	Contract No. DAC33-67-C-005	
BORING NO.	SA*	E NO. 110
Soil Type	DA*	
EL	LL 27	PL 15
		PI 12
DESCRIPTION	McComick Ranch Sand	
	Triaixial, Cyclic @ 75%	
	Lateral Pressure, 200 psi	

WATER CONTENT	W	11.40	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	84.40	%
DRY DENSITY	γ_d	122.44	PCF
WET DENSITY	γ	136.40	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.52	CM
SPECIMEN HEIGHT	H_0	7.50	CM

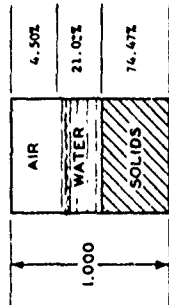


HYDROSTATIC COMPRESSION PHASE

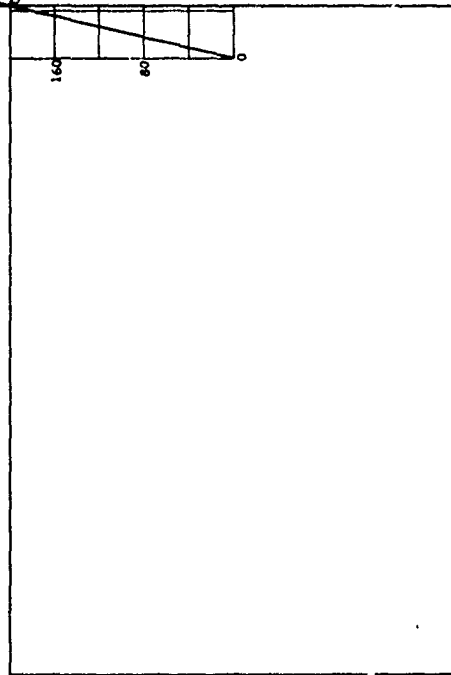
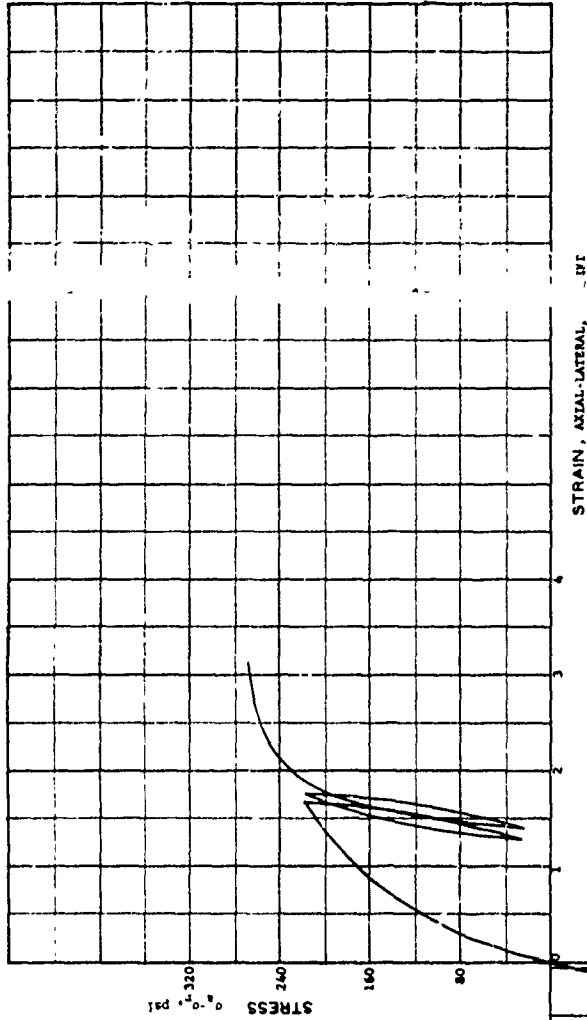


PROJECT	Ga Tech B-602	
AREA	Contract No. DUC39-67-C-07	
BORING NO.	S	FILE NO. 110
DEPTH		
ELL		
LL	27	PL 15
		PI 12
DESCRIPTION	McComick Ranch Sand	
	Triaxial, Cyclic @ 25%	
	Lateral Pressure, 200 psi	

WATER CONTENT	W	10.58	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	82.38	%
DRY DENSITY	γ_d	124.08	PCF
WET DENSITY	γ	137.20	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.52	CM
SPECIMEN HEIGHT	H_0	7.62	CM



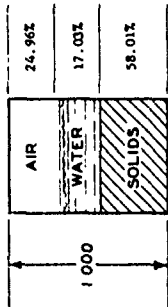
HYDROSTATIC COMPRESSION PHASE



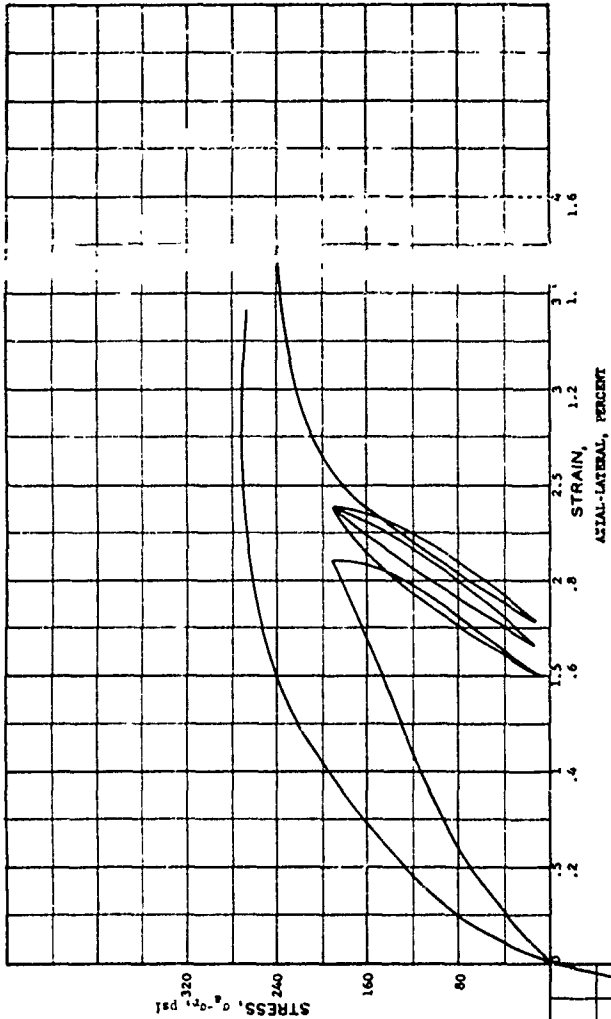
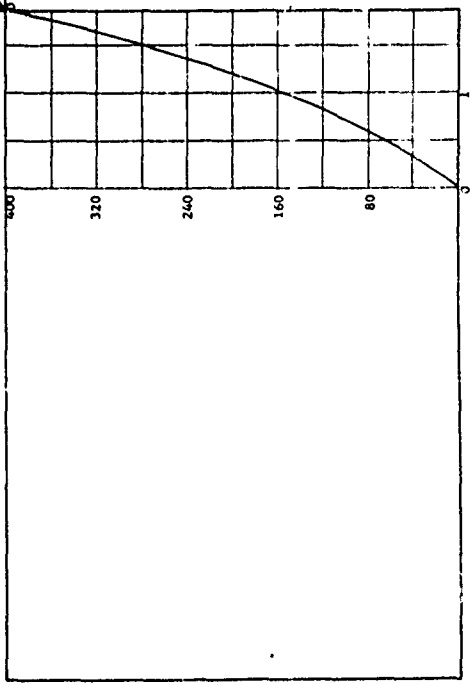
HYDROSTATIC PRESSURE, P, PSI

PROJECT	Georgia Institute of Tech		Y
AREA	Campus No. DMC039-67-C-1		
BORING NO.	SAMPLE NO. 123		
DEPTH	SITE		
EL	PL 27	PL 15	PI 12
DESCRIPTION	McCormick Ranch Sand		
	Triaxial-Cyclic Shear @ /		

WATER CONTENT	W	10.99 %
VOID RATIO	e_v	0.72
SATURATION	S_0	40.55 %
DRY DENSITY	γ_d	96.65 PCF
WET DENSITY	γ	107.27 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.95 CM
SPECIMEN HEIGHT	H_0	7.31 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Ga Tech B-602;
Contract No. DMCA39-67-C-0051

AREA _____ NO. 118

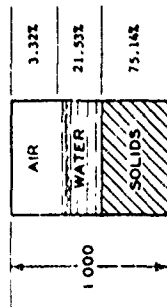
BORING NO. SAN
DEPTH _____ DAT

EL _____ PL 15

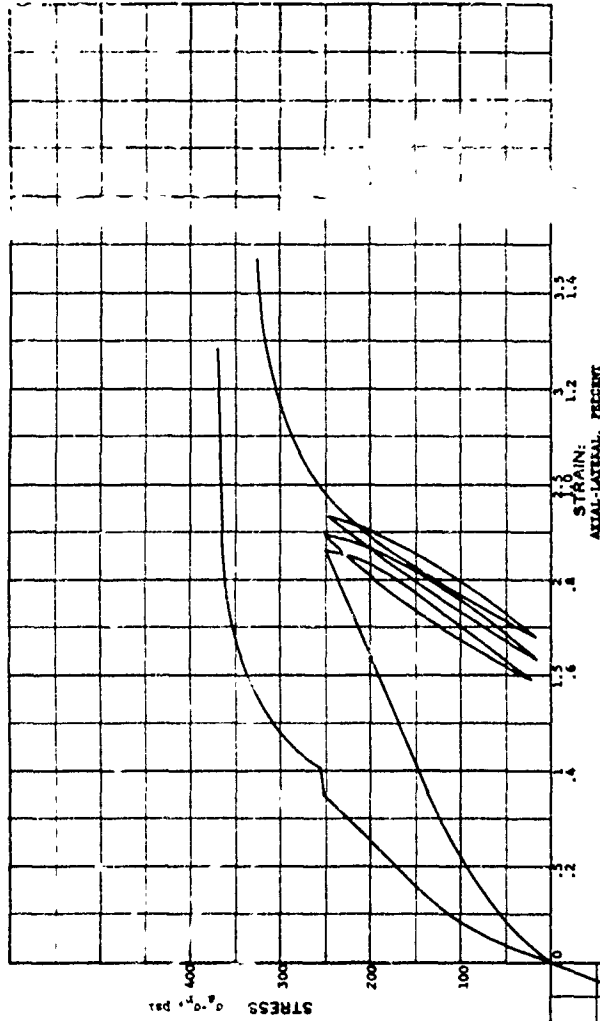
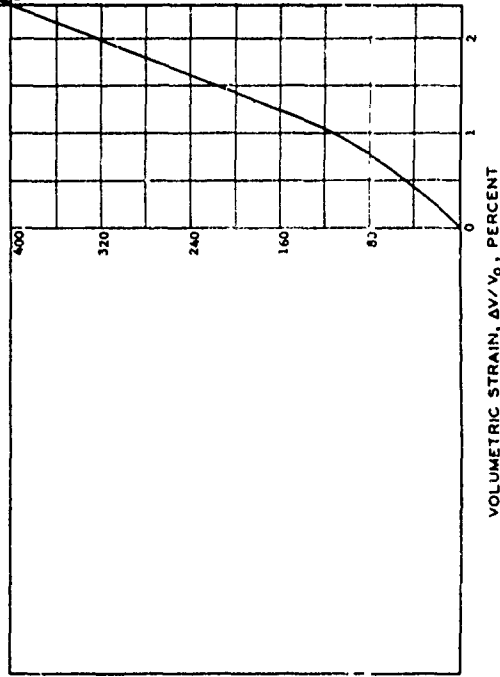
DESCRIPTION Reconcrete Marsh Sand
Triaxial-Cycle Strain U 728

PL 12

WATER CONTENT	W	10.73 %
VOID RATIO	e_0	0.33
SATURATION	S_0	86.63 %
DRY DENSITY	γ_d	125.20 PCF
WET DENSITY	γ	138.63 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.46 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DMC39-67-C-0031

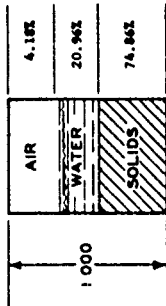
AREA _____ BORING NO. _____ SAMPLE NO. 120
DEPTH _____ EL. _____ DATE _____

LL 27 PL 15

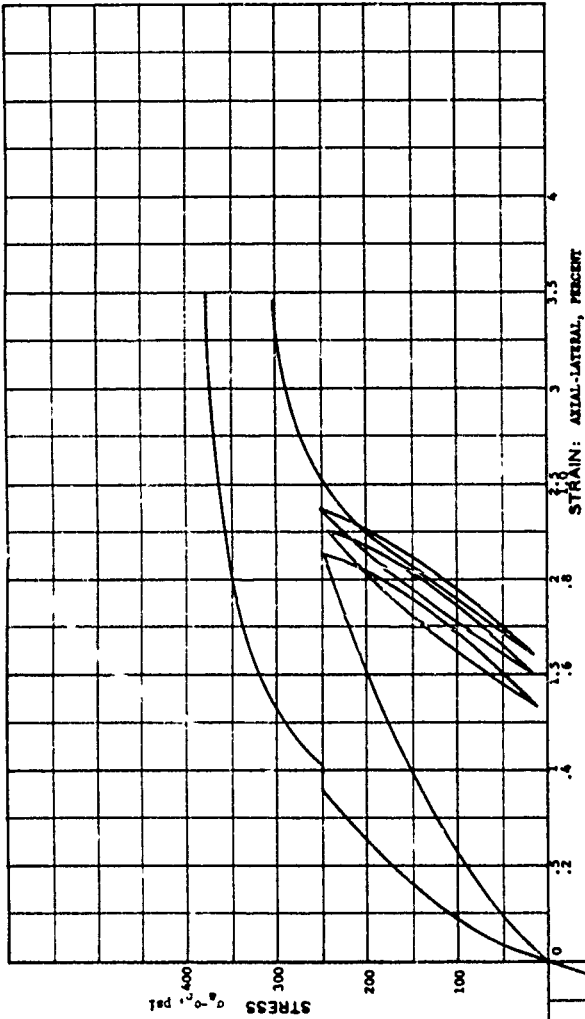
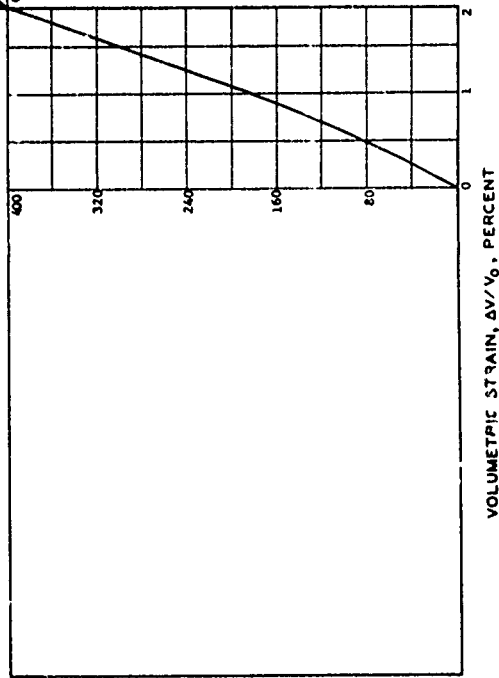
DESCRIPTION McCornick March Sand
Triaxial-Cycle Shear @ 75%

HYDROSTATIC PRESSURE, p.s.i.

WATER CONTENT	W	10.49 %
VOID RATIO	e_0	0.34
SATURATION	S_0	83.38 %
DRY DENSITY	γ_d	124.75 PCF
WET DENSITY	γ	137.60 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.47 CM

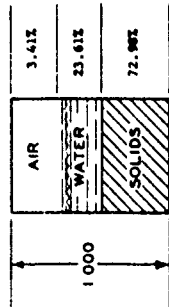


HYDROSTATIC COMPRESSION PHASE

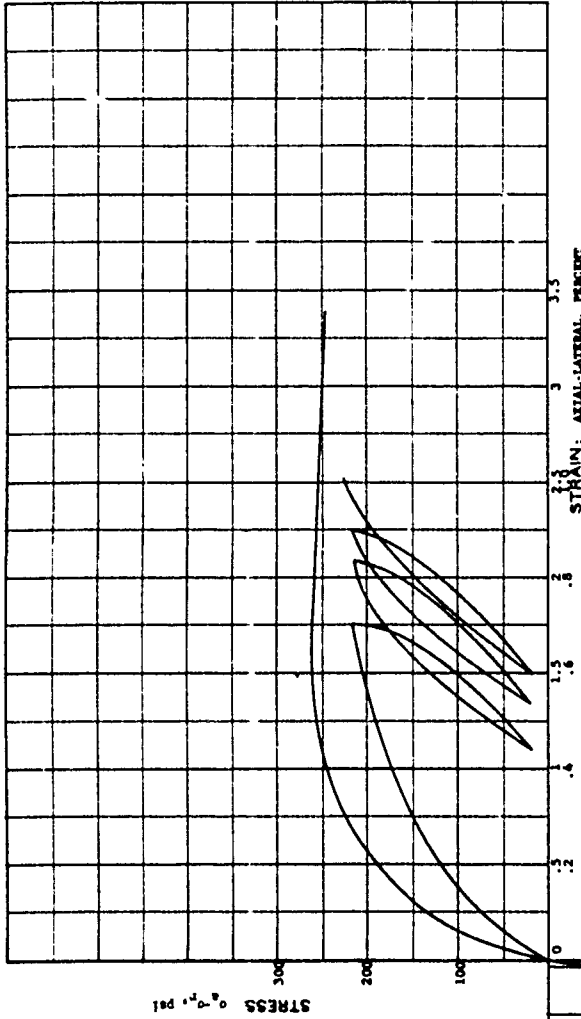
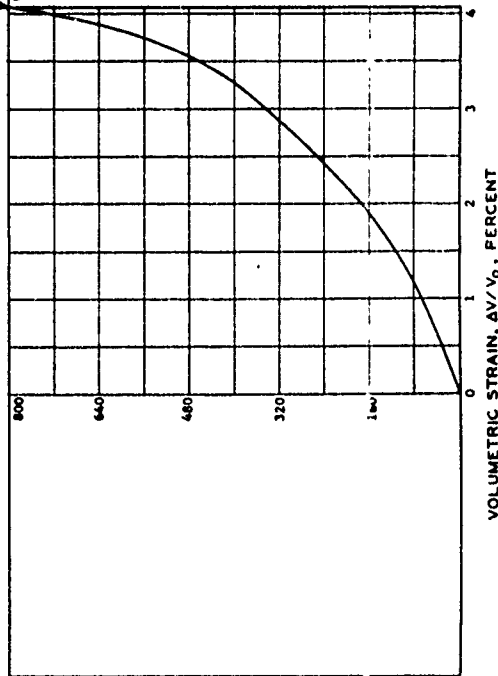


PROJECT Georgia Institute of Technology	
Contract No. DMC39-67-G-0031	
AREA	
BORING NO.	SAMPLE NO. 121
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCornick Patch Sand	
Triaxial-Cycle Shear @ 75%	

WATER CONTENT	W	12.12	%
VOID RATIO	e_0	0.37	
SATURATION	S_0	87.39	%
DRY DENSITY	γ_d	121.59	PCF
WET DENSITY	γ	136.32	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.47	CM

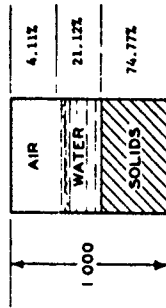


HYDROSTATIC COMPRESSION PHASE

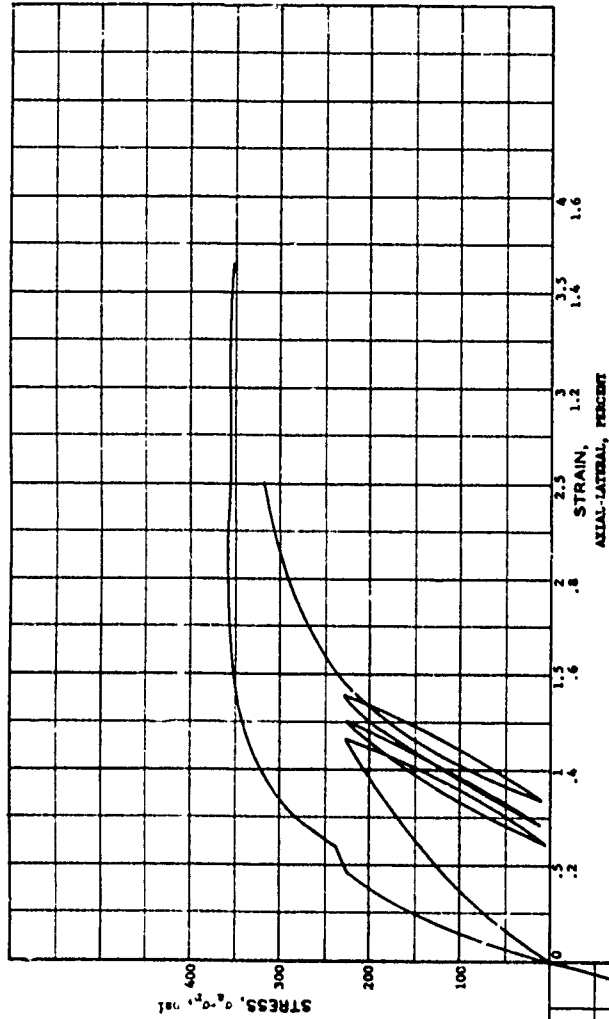
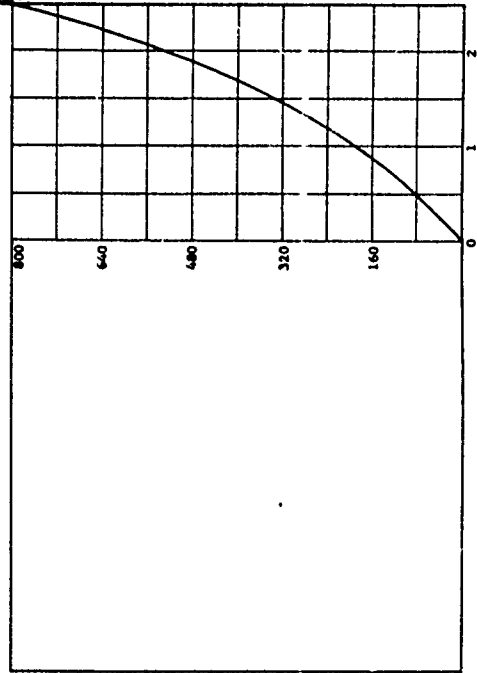


PROJECT	Georgia Institute of Technology		
AREA	Contract No. DMC39-67-C-0031		
BORING NO.	SAMPLE NO.	DATE	
UL 11	111		
EL			
LL	27	PL	15
		PI	12
DESCRIPTION	McComick Beach Sand		
	Triaxial-Cycle Shear @ 75%		

WATER CONTENT	W	10.58 %
VOID RATIO	e_0	0.34
SATURATION	S_0	83.72 %
DRY DENSITY	γ_d	124.57 PCF
WET DENSITY	γ	137.75 PCF
CORRELATIVE GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_r	7.66 CM



HYDROSTATIC COMPRESSION PHASE

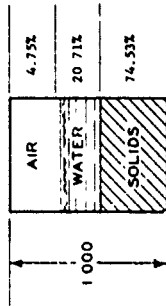


PROJECT Ca Tech 3-602
 Conference No. DMA39-67-C-0051

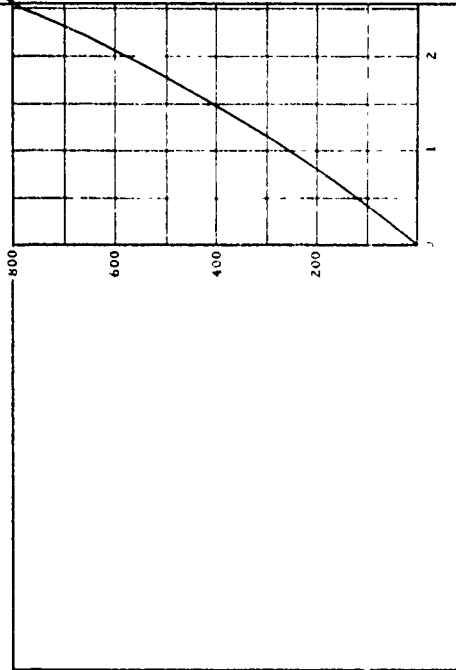
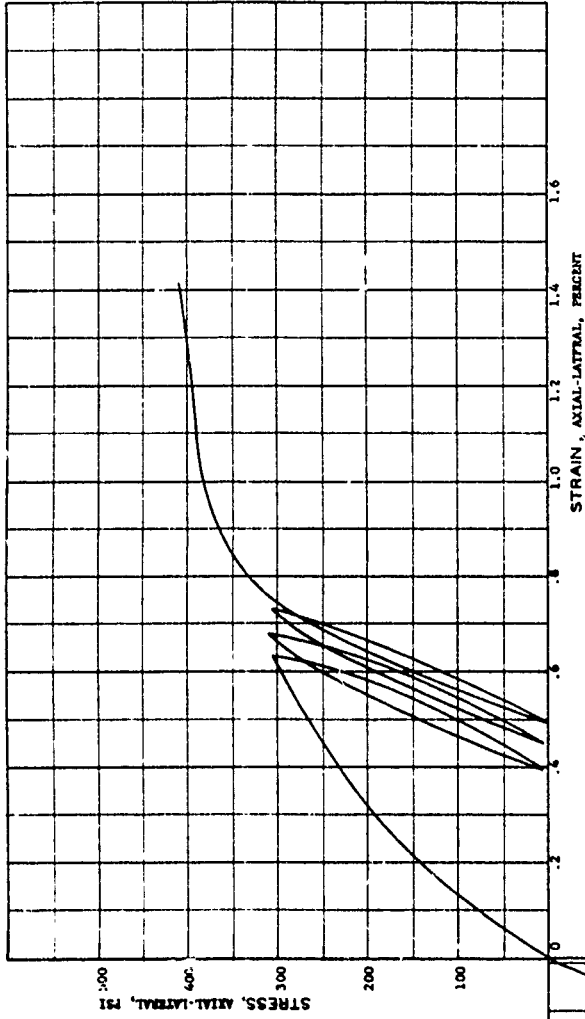
AREA _____ BORING NO. _____ SAMPLE NO. 126
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

DESCRIPTION McGOWAN RANCH SAND
Triaxial-Cyclic Shear @ 75%

WATER CONTENT	W	10.41	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.33	%
DRY DENSITY	γ_d	124.17	PCF
WET DENSITY	γ	137.10	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.46	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DMCA39-67-C-0031

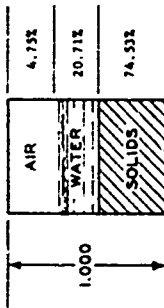
AREA _____

BORING NO. _____ SAMPLE NO. 128
 DEPTH _____ DATE _____
 EL _____

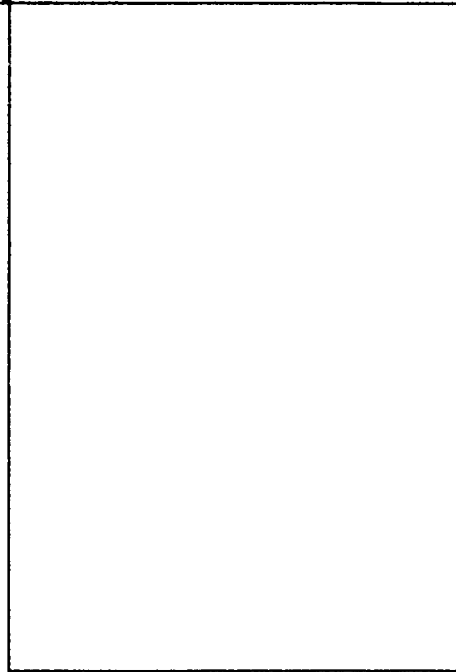
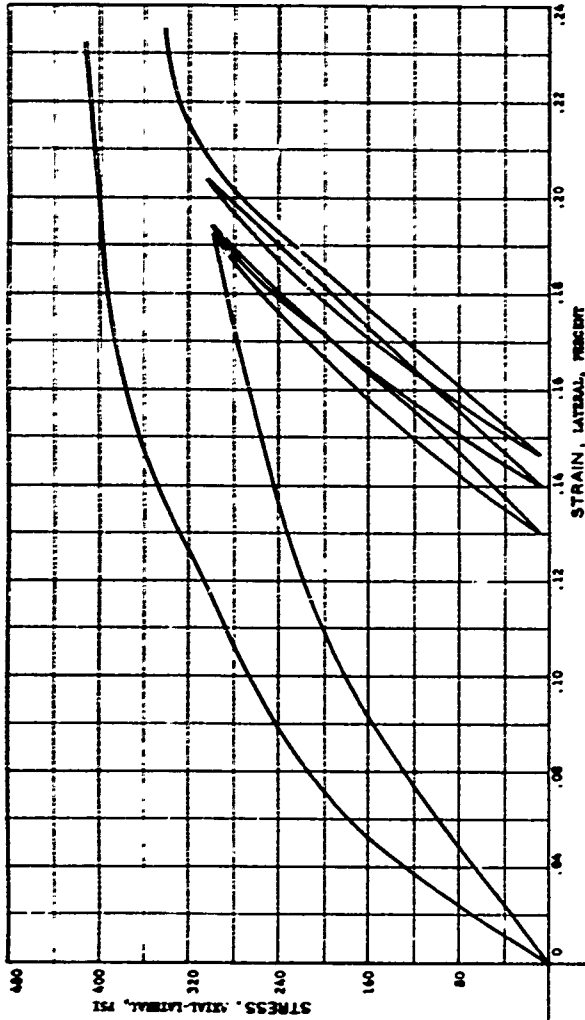
LL 2, PL 15 PI 12

DESCRIPTION McComick Ranch Sand
 Triaxial, Cycle Q 752
 Lateral Pressure, 800 psi

WATER CONTENT	W	10.41	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.33	%
DRY DENSITY	γ_d	124.17	PCF
WET DENSITY	γ	137.10	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.46	CM



HYDROSTATIC COMPRESSION PHASE

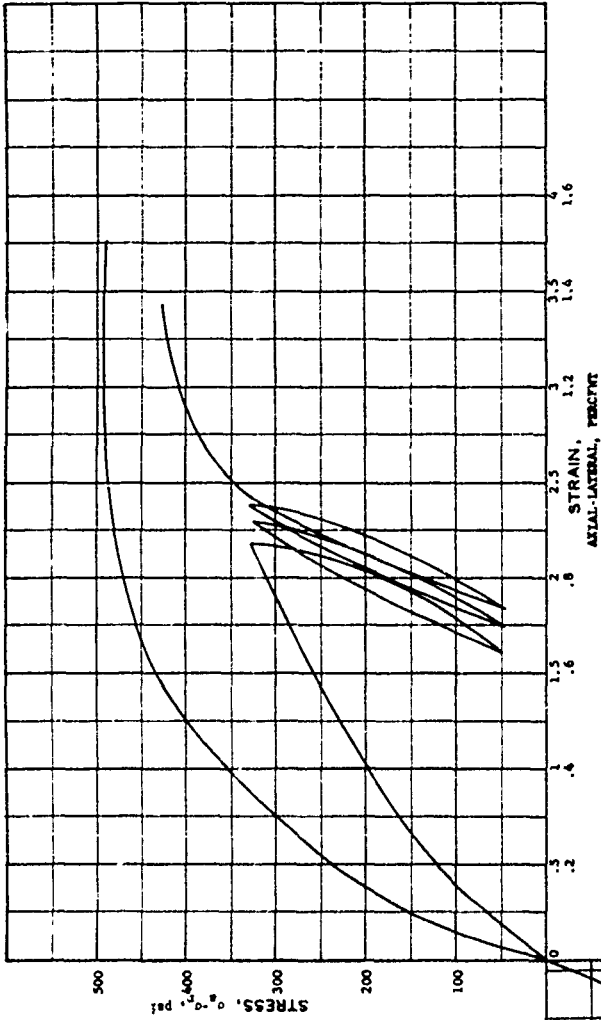
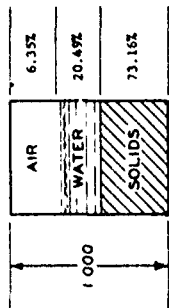


HYDROSTATIC PRESSURE, p, PSI

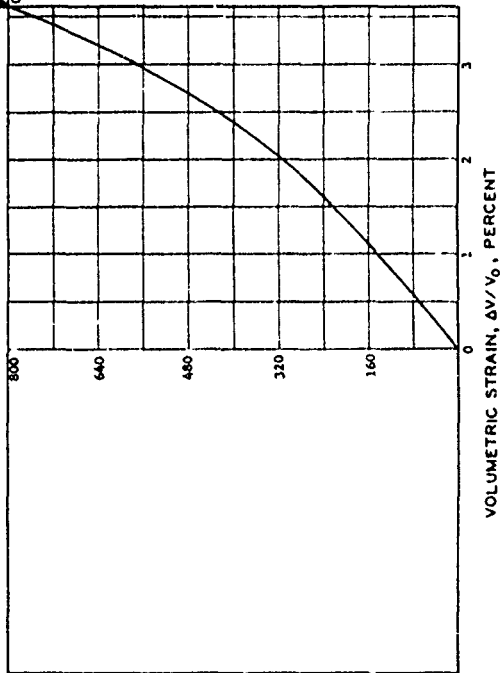
PROJECT Georgia Institute of Technology J-602			
Contract No. DCAJ9-67-C-0011			
AREA		SAMPLE NO. 128	
BORING NO.		DEPTH	
E.L.		DATE	
LL 27	PL 15	PI 12	
DESCRIPTION McCormick Ranch Sand			
Triaxial, Cyclic @ 732			
Lateral Pressure, 800 psi			

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.49	%
VOID RATIO	e_0	0.37	
SATURATION	S_0	76.33	%
DRY DENSITY	γ_d	121.88	PCF
WET DENSITY	γ	134.67	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.72	CM



HYDROSTATIC COMPRESSION PHASE

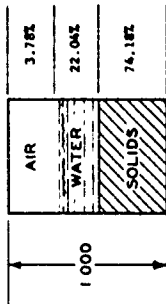


HYDROSTATIC PRESSURE, p , PSI

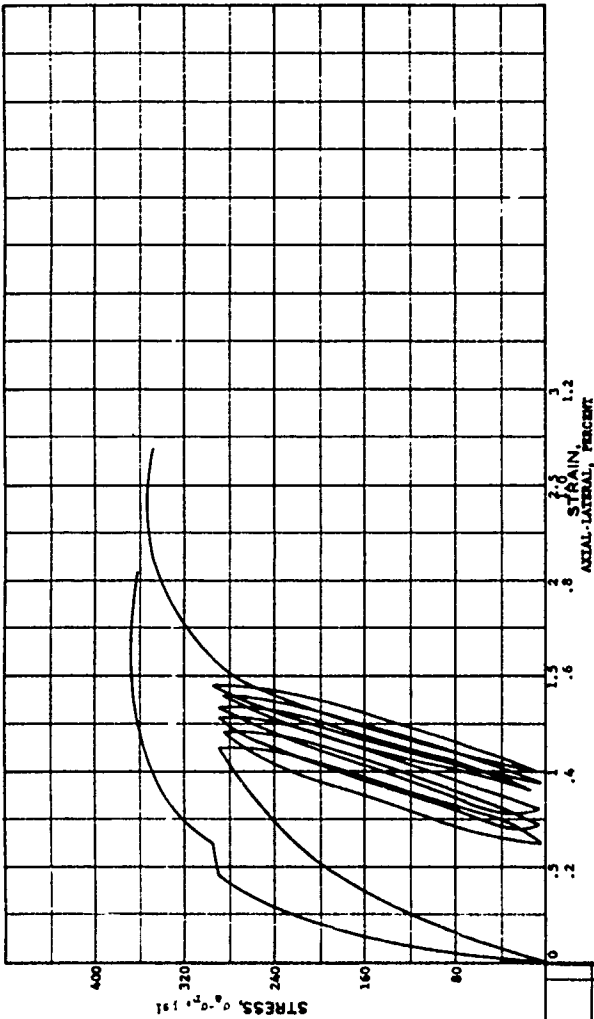
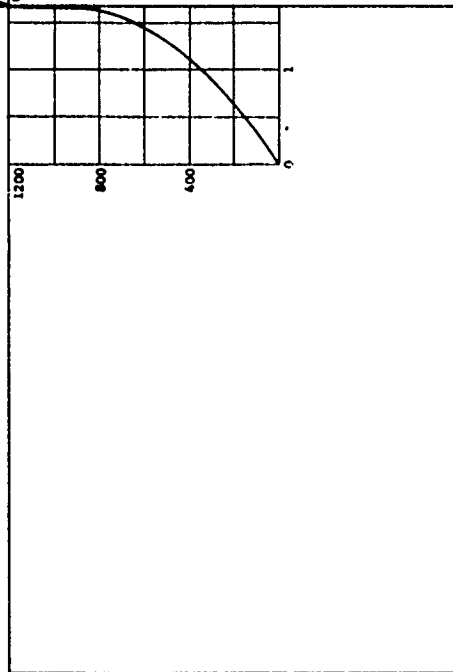
801

PROJECT Ga Tech B-602:		
Contract No. DAC39-67-C-0051		
AREA		
BORING NO.	SAMPLE NO. 131	
DEPTH	DATE	
EL		
LL 27	PL 15	PI 12
DESCRIPTION McCormick Ranch sand		
Triaxial-Cycle Shear @ 75%		

WATER CONTENT	W	11.13	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	85.36	%
DRY DENSITY	γ_d	123.59	PCF
WET DENSITY	γ	137.34	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.48	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT On Tech B-602
 Contract No. DACA39-67-C-0031

AREA _____

BORING NO. _____ SAMPLE NO. 117

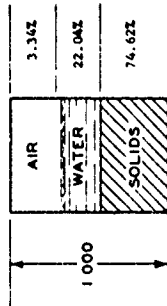
DEPTH _____ DATE _____

EL _____

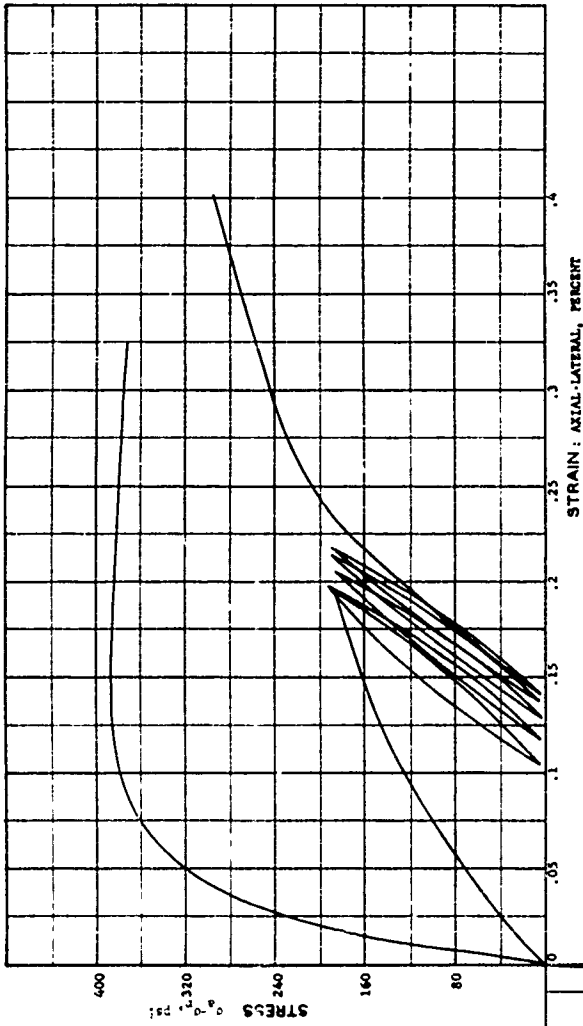
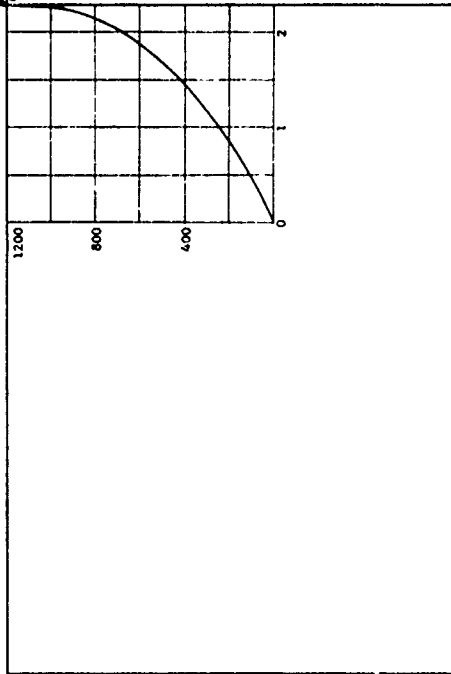
LL 27 PL 15 PI 12

DESCRIPTION McGraw-Hill Bench Sand
Triaxial-Cycle Shear @ 75%

WATER CONTENT	W	11.06 %
VOID RATIO	e_0	0.34
SATURATION	S_0	86.86 %
DRY DENSITY	γ_d	124.32 PCF
WET DENSITY	γ	138.08 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.49 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DACA39-67-C-0031

AREA _____

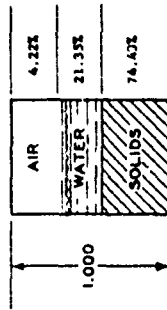
BORING NO. _____ SAMPLE NO. 119

DEPTH _____ DATE _____

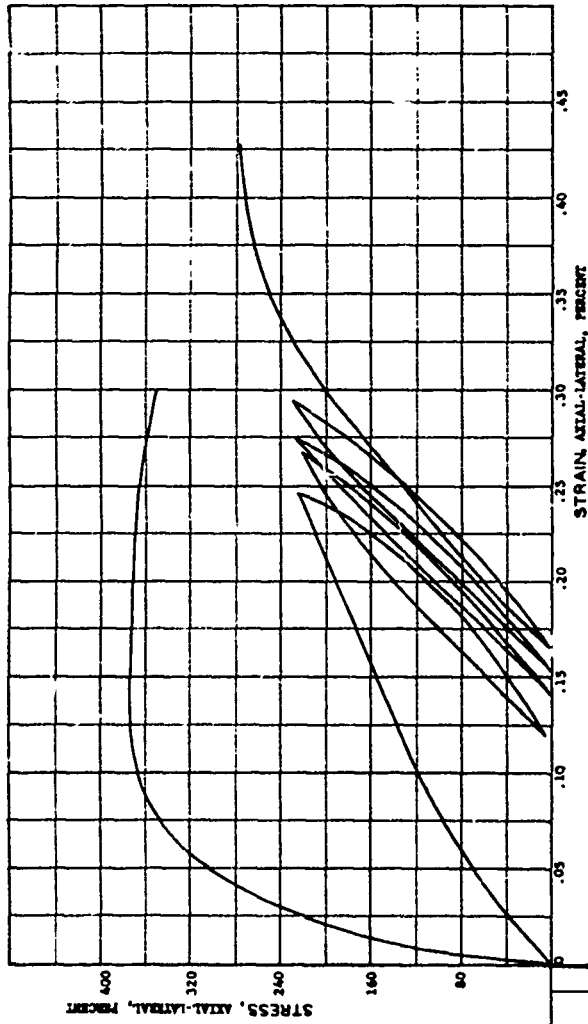
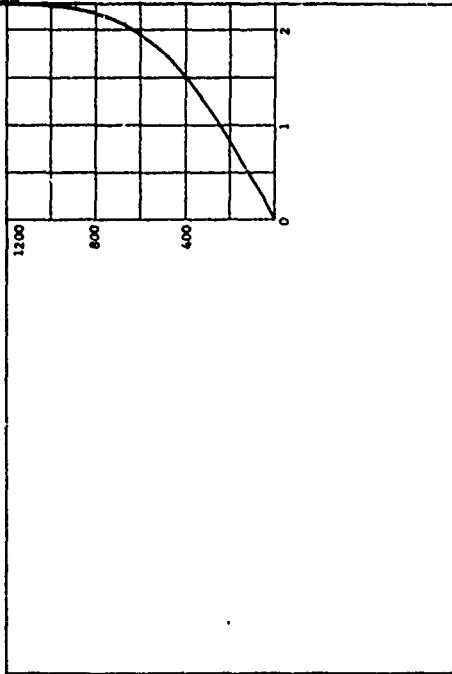
EL _____ PL 15 PI 12

DESCRIPTION McComick Ranch Sand
Triaxial-Cyclic Shear 0.75X

WATER CONTENT	W	10.75	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.90	%
DRY DENSITY	γ_d	124.00	PCF
WET DENSITY	γ	137.32	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.47	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DMC33-67-C-0031

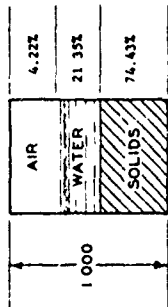
AREA

BORING NO. SAMPLE NO. 12A
DEPTH DATE
EL

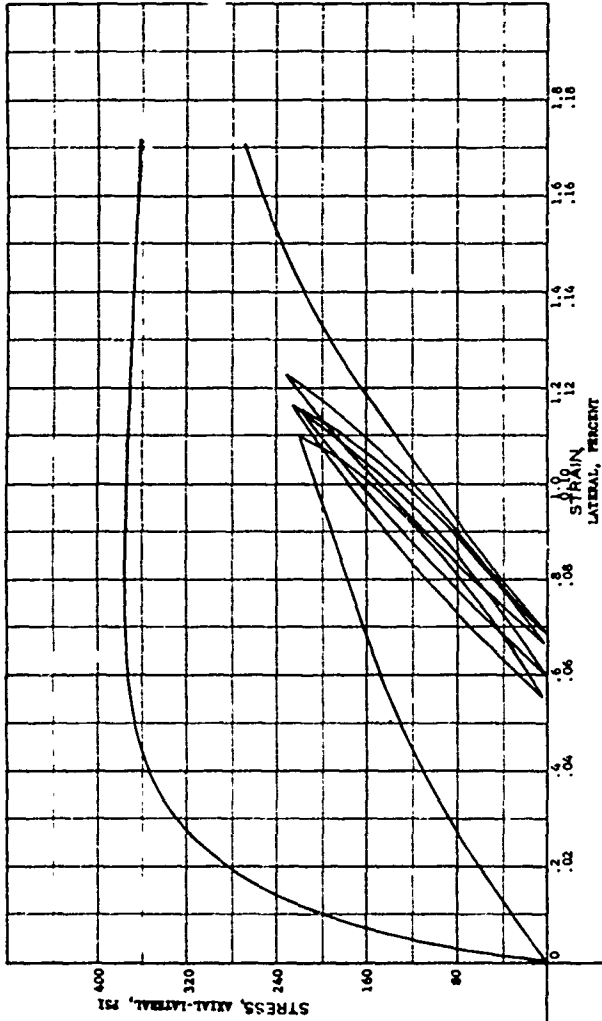
LL 27 PL 15 PI 12

DESCRIPTION McGowan Marsh Sand
Triaxial Test-Cyclic @ 725

WATER CONTENT	W	10.75	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.50	%
DRY DENSITY	γ_d	124.00	PCF
WET DENSITY	γ	137.32	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

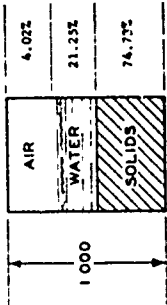
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology 8-402
 Contact No. DMA39-62-C-0031

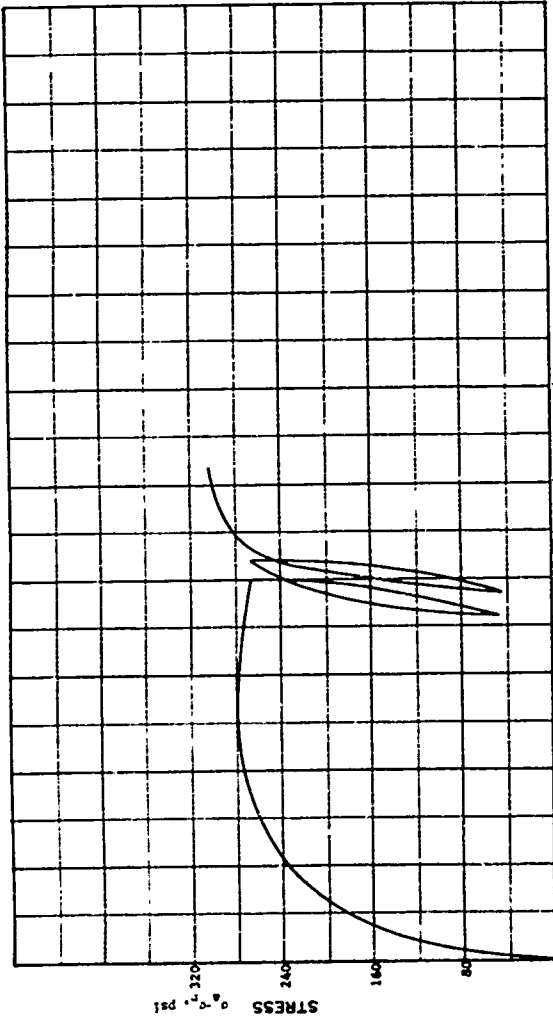
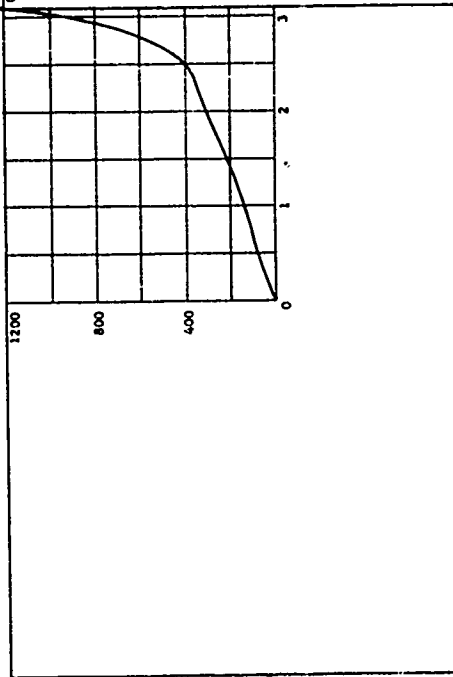
AREA _____ BORING NO. 124
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

DESCRIPTION McComick Branch Sand
Triaxial Test Cycle 4 of 72

WATER CONTENT	W	10.65 %
VOID RATIO	e_0	0.34
SATURATION	S_0	84.11 %
DRY DENSITY	γ_d	124.50 PCF
WET DENSITY	γ	137.76 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.34 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Ga Tech B-602:
Contract No. DAC39-67-C-0031

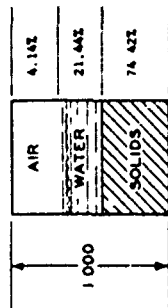
AREA _____ SAMPLE NO. 144

BORING NO. _____ DEPTH _____ DATE _____

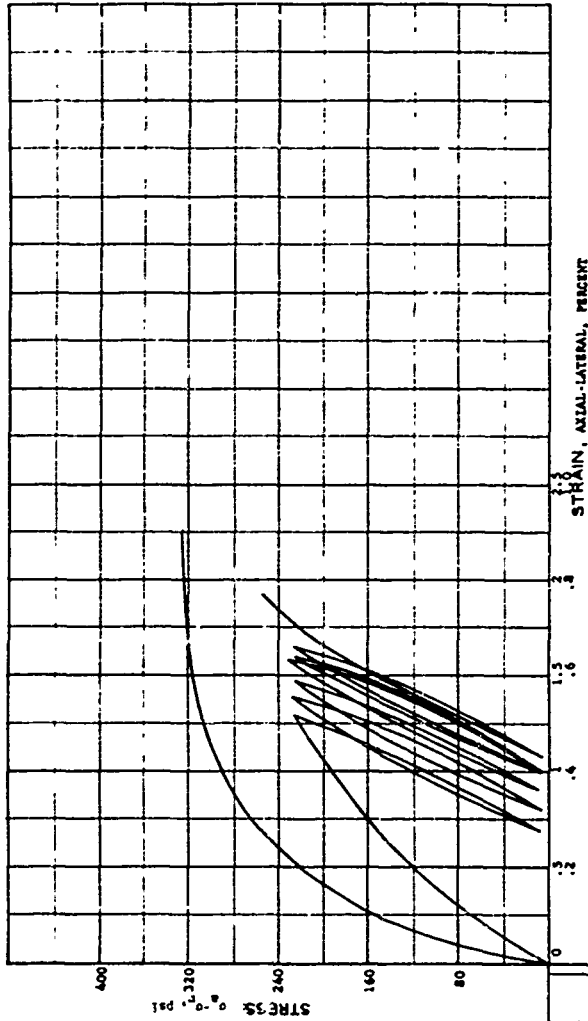
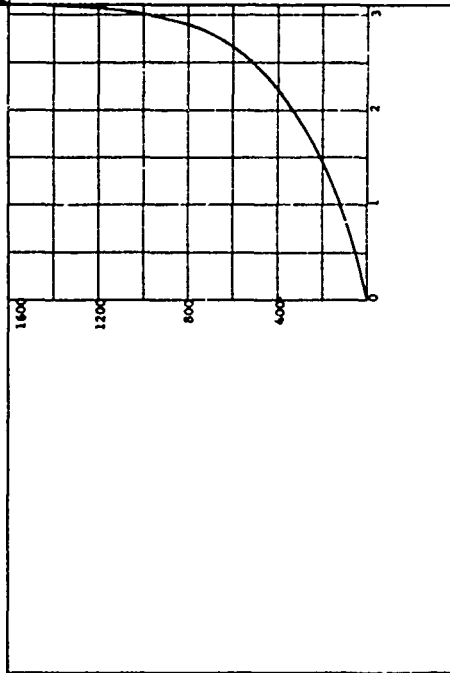
EL _____ PL 13 P1 12

DESCRIPTION McCormick Ranch Sand
Triaxial-Cycle Shear @ 75%

WATER CONTENT	W	10.79	%
VOID RATIO	e_0	0.34	
SATURATION	S_v	83.80	%
DRY DENSITY	γ_d	123.99	PCF
WET DENSITY	γ	137.36	PCF
SPECIFIC GRAVITY	G_s	2.6	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

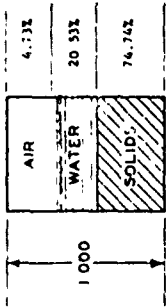


HYDROSTATIC PRESSURE, p, PSI

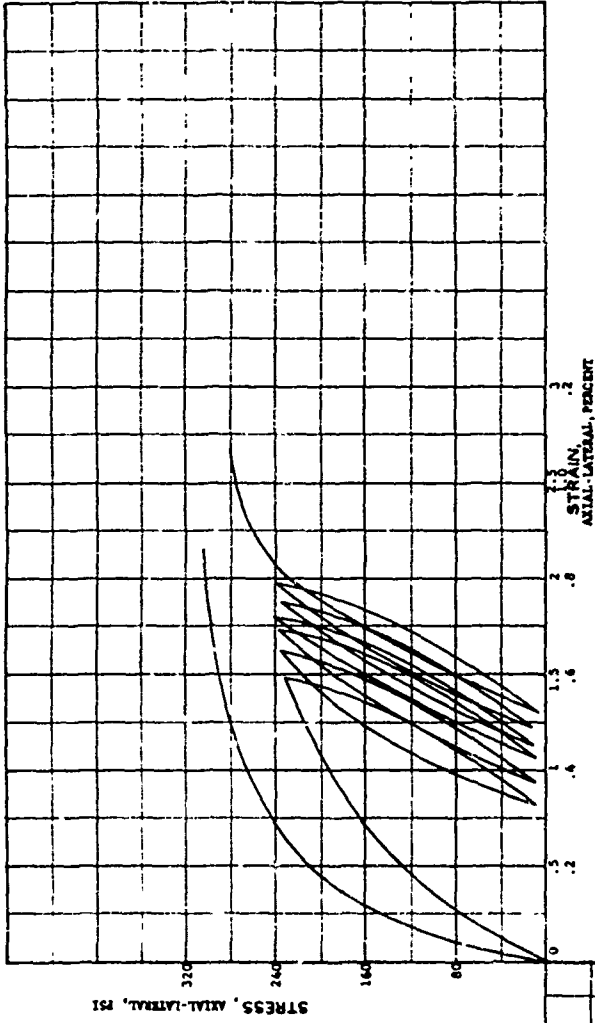
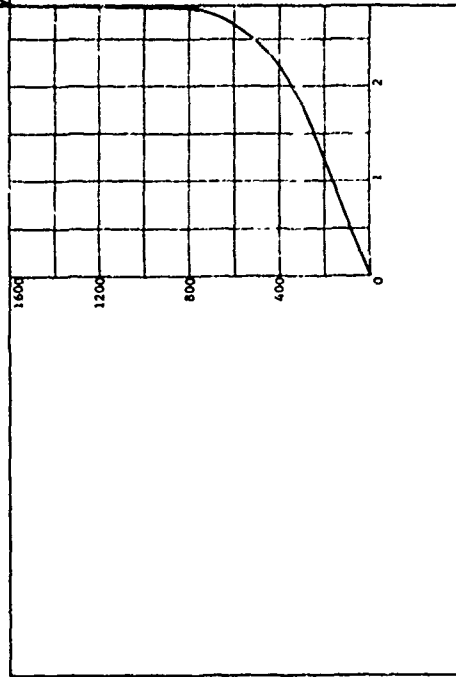
PROJECT	Georgia Institute of Technology		
AREA	Contract No. DCA39-67-C-0031		
BORING NO.	SAMPLE NO.	PL	PI
DEPTH	102	15	12
EL	DATE		
DESCRIPTION	McCormick Embankment		
	Triaxial-Cycle Shear @ 73%		

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.29 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.25 %
DRY DENSITY	γ_d	124.52 PCF
WET DENSITY	γ	137.33 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE

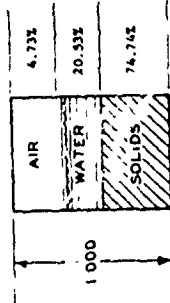


PROJECT Georgia Institute of Technology, B. 602.
Contract No. DAC39-67-C-0031

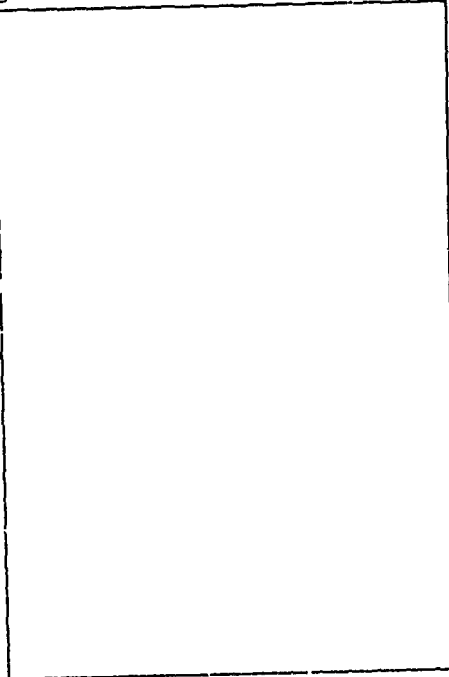
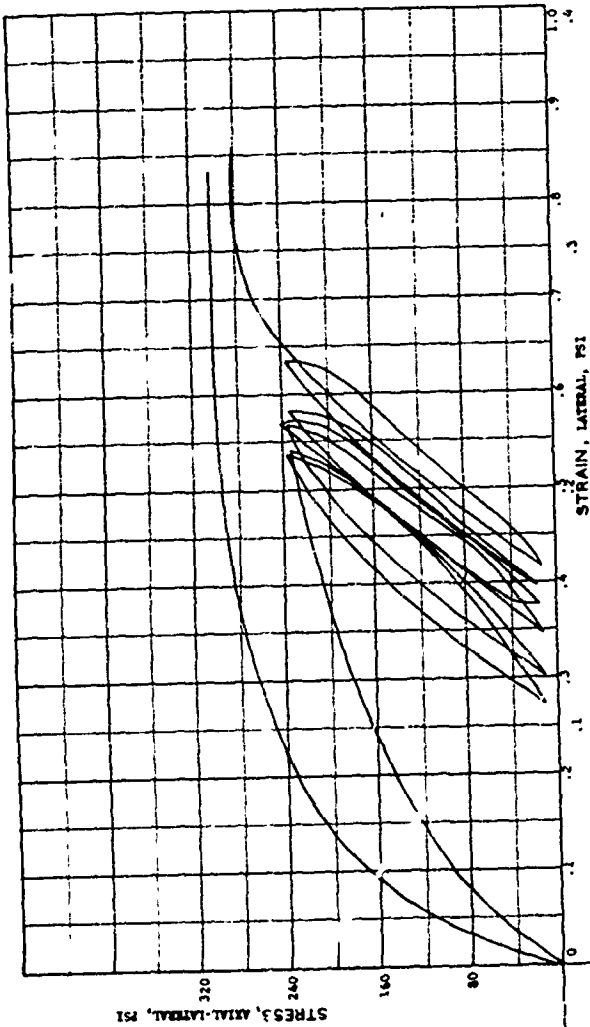
AREA	SAMPLE NO. 103	
BORING NO.	DATE	
DEPTH	PL	PI
EL	27	15
LL	PL	PI
12		

DESCRIPTION McComick Ranch Sand
Triaxial Cyclic @ 75%
Lateral Pressure, 1600 psi

WATER CONTENT	%	10.29	%
VOID RATIO	e_0	0.34	
SATURATION	S_r	81.28	%
DRY DENSITY	γ_d	126.52	PCF
WET DENSITY	γ	137.33	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.20	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DAC439-67-C-0031

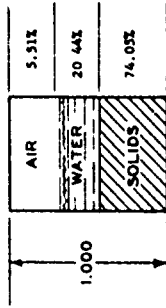
AREA _____ SAMPLE NO. 103

BORING NO. _____ DEPTH _____ DATE _____

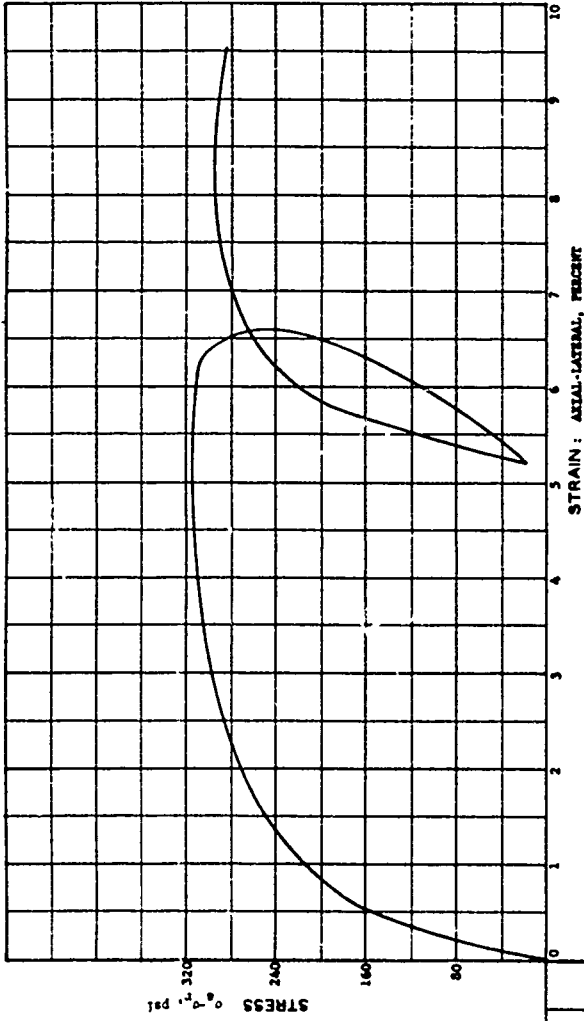
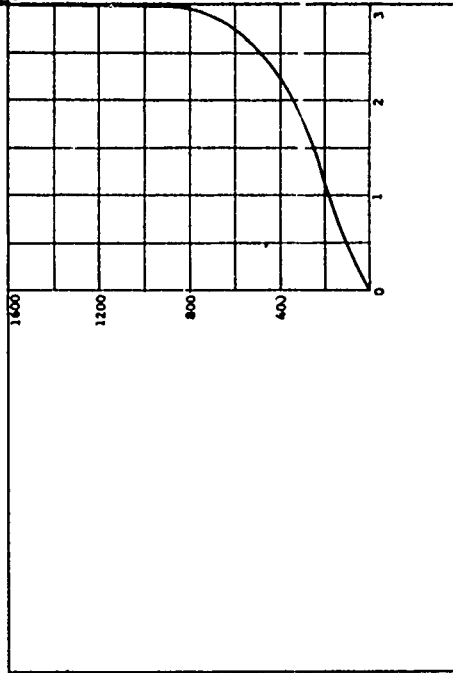
EL _____ PL 15 PI 12

DESCRIPTION McComblek Marsh Sand
Triaxial Cyclic @ 7.5%
Lateral Pressure, 1600 PSI

WATER CONTENT	W	10.34	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	78.78	%
DRY DENSITY	γ_d	123.37	PCF
WET DENSITY	γ	136.13	PCF
UNSATURATED WATER GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.52	CM

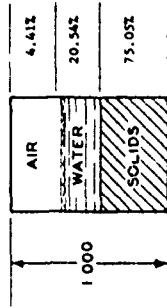


HYDROSTATIC COMPRESSION PHASE

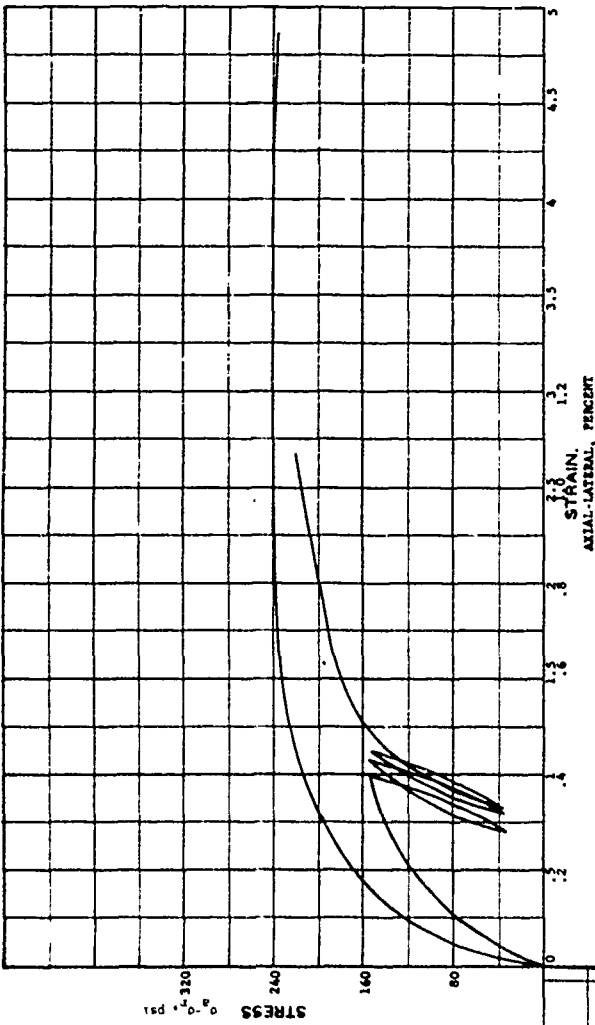
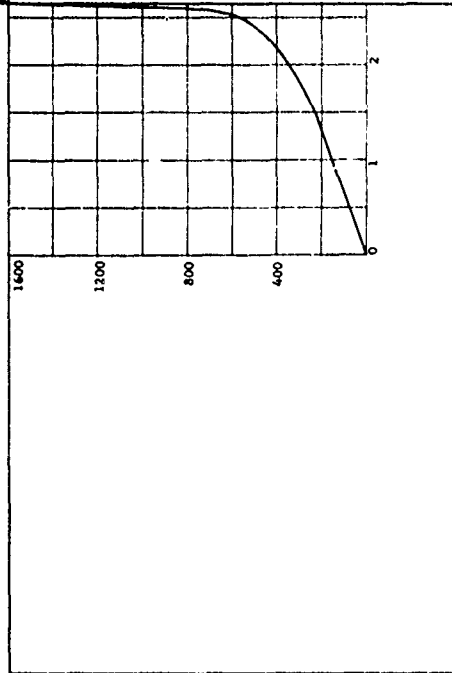


PROJECT <u>On Tech B-602;</u>	
Contract No. <u>DAG39-47-C-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>140</u>
DEPTH	DATE
EL	
LL <u>27</u>	PL <u>13</u>
	PI <u>12</u>
DESCRIPTION <u>H-Comick Bench Sand</u>	
<u>Triaxial-Cycle Sheet @ 75%</u>	

WATER CONTENT	W	10.25 %
VOID RATIO	e_0	0.33
SATURATION	S_0	82.33 %
DRY DENSITY	γ_d	125.04 PCF
WET DENSITY	γ	137.86 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.55 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DACW39-67-C-0031

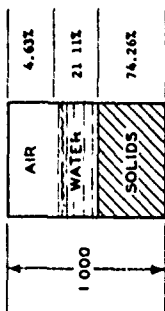
AREA _____

BORING NO. _____ SAMPLE NO 141
 DEPTH _____ DATE _____
 EL _____

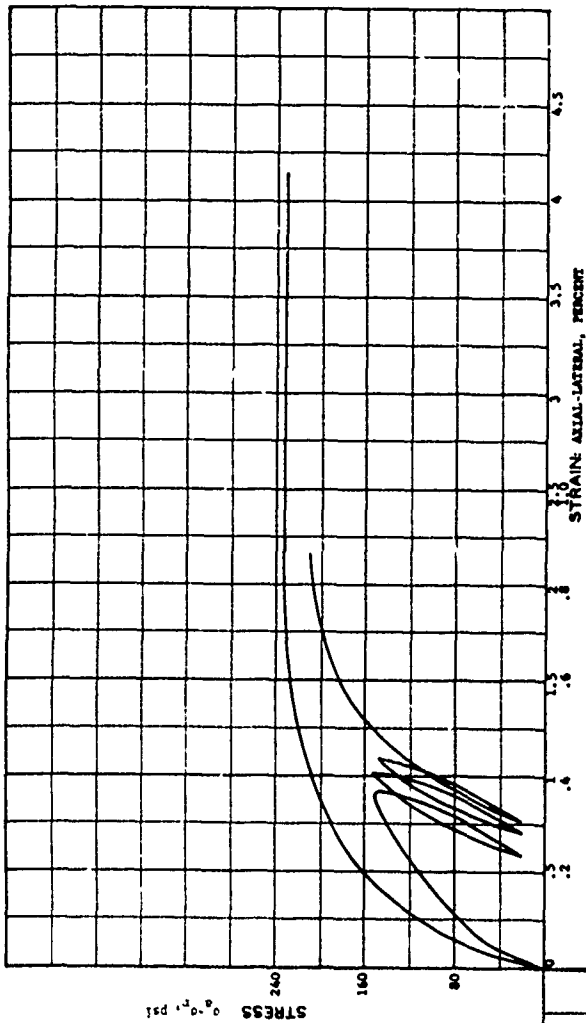
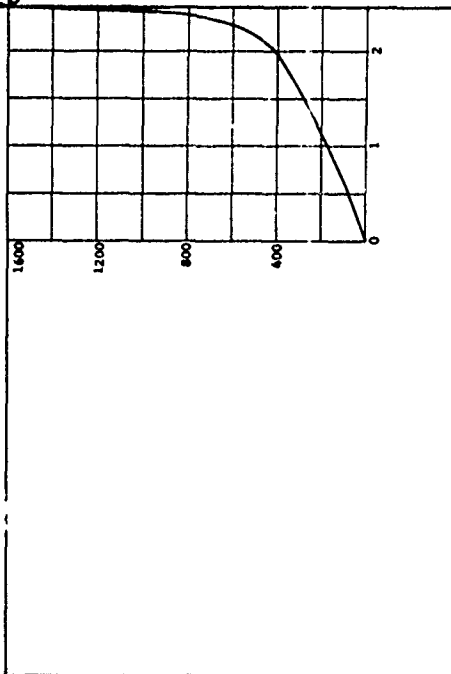
LL 27 PL 15 P1 12

DESCRIPTION McCormick Branch Sand
 Triaxial-Cyclic Sheet 752

WATER CONTENT	W	10.65 %
VOID RATIO	e_0	0.35
SATURATION	S_0	82.02 %
DRY DENSITY	γ_d	123.72 PCF
WET DENSITY	γ	136.89 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM



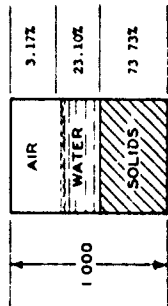
HYDROSTATIC COMPRESSION PHASE



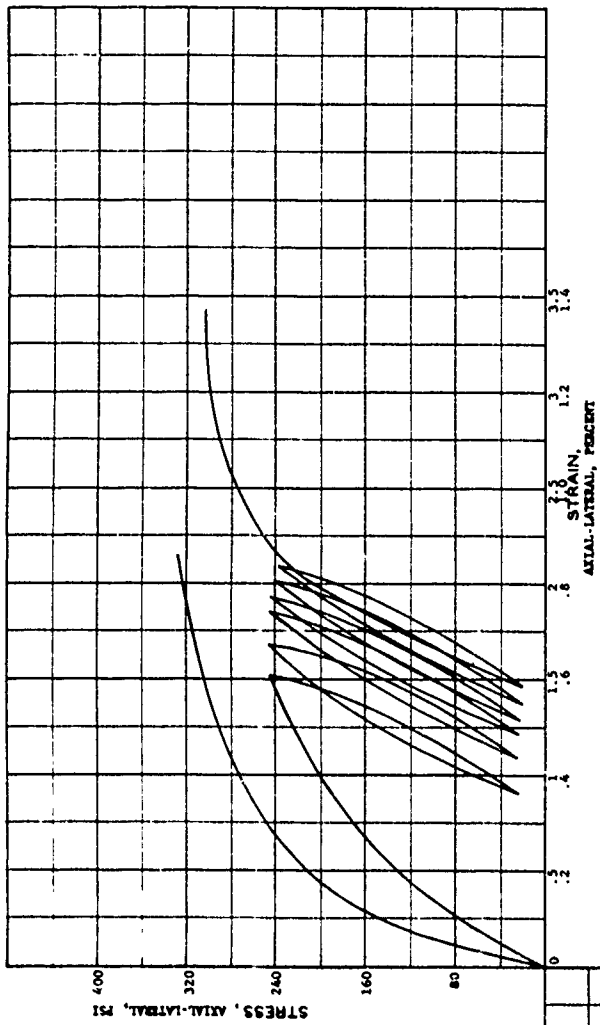
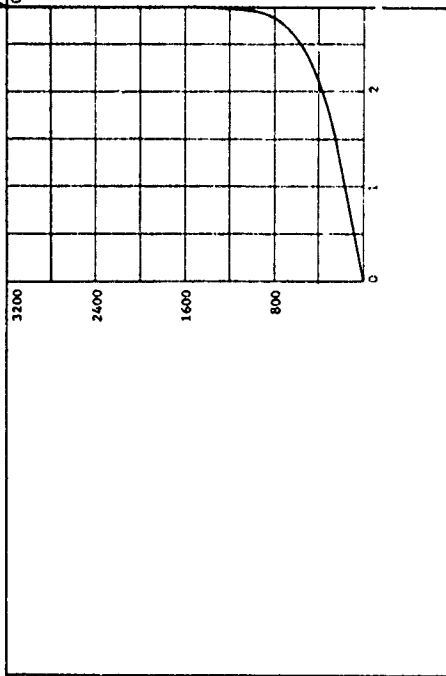
PROJECT		Georgia Institute of Technology B-602	
		Contract No. DCA39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.	148	
DEPTH	DATE		
EL.			
LL	PL	15	P1 12
DESCRIPTION			
McCormick Ranch Sand			
Triaxial-Cycle Shear @ 75%			

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	11.73	%
VOID RATIO	e_0	0.36	
SATURATION	S_v	87.94	%
DRY DENSITY	γ_d	122.85	PCF
WET DENSITY	γ	137.26	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE

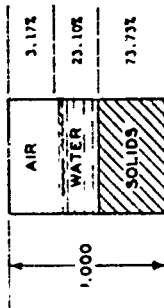


PROJECT Georgia Institute of Technology B-602
 Contract No. DMCA39-67-C-0051

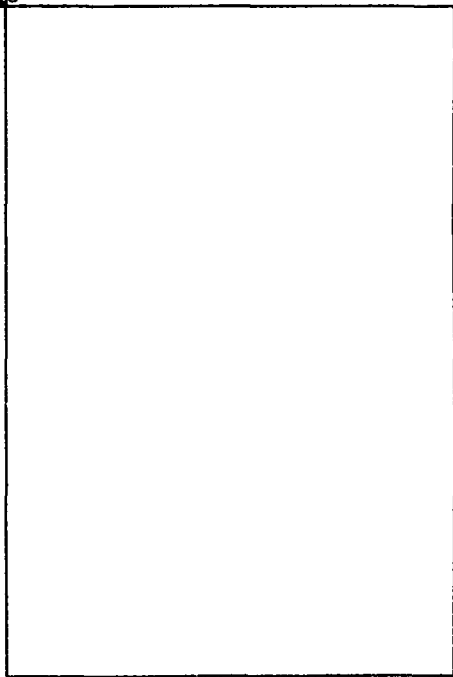
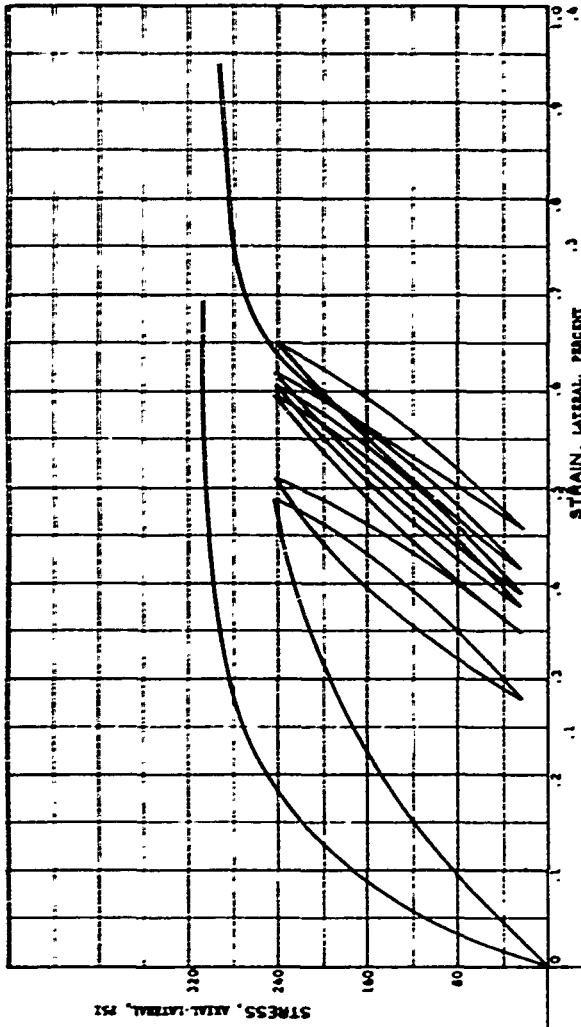
AREA _____ BORING NO. _____ SAMPLE NO. 104
 DEPTH _____ DATE _____
 EL. _____ PL. 15 P1 12

DESCRIPTION McCormick Beach Sand
 Triaxial Cyclic @ 75%
 Lateral Pressure, 3200 psi

WATER CONTENT	W	11.73 %
VOID RATIO	e_0	0.36
SATURATION	S_0	87.94 %
DRY DENSITY	γ_d	122.85 PCF
WET DENSITY	γ	137.26 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.31 CM
SPECIMEN HEIGHT	H_0	7.32 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

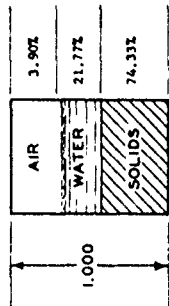
HYDROSTATIC PRESSURE, P, PSI

PROJECT Georgia Institute of Technology, B-102
 Contract No. DAC43-67-C-0031

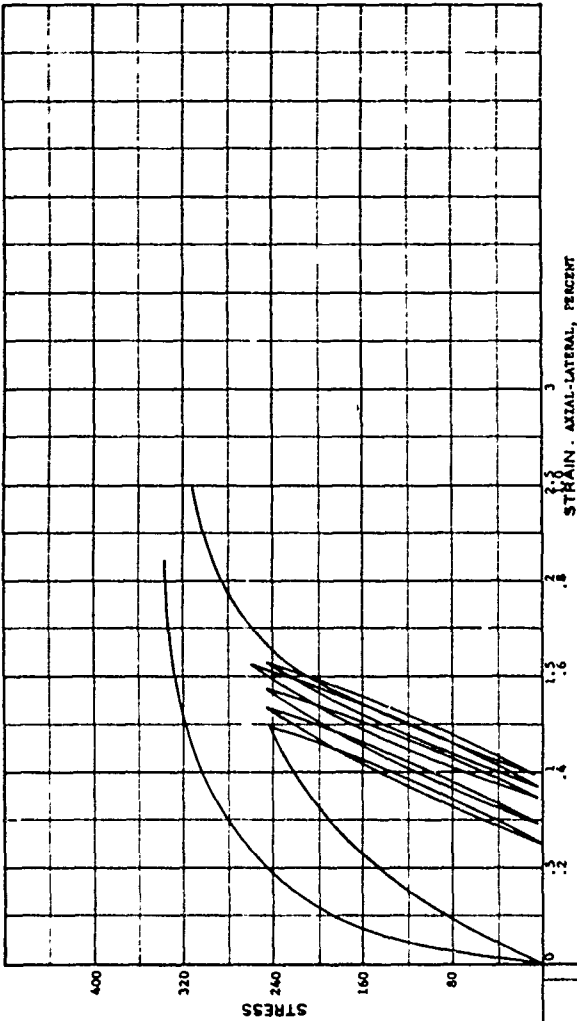
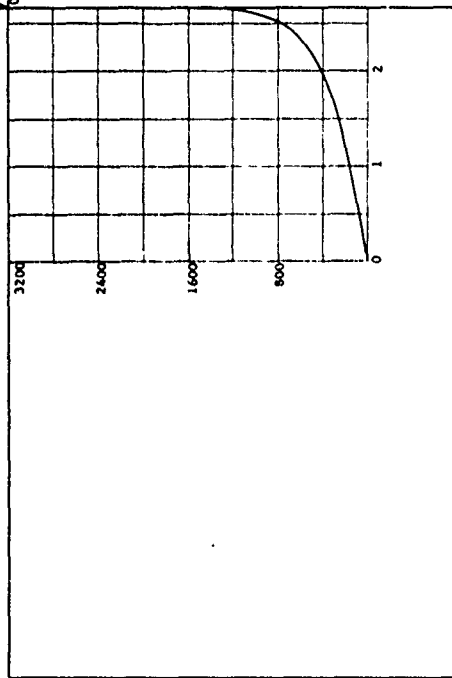
AREA	SAMPLE NO. 104
BORING NO.	DEPTH
DATE	DATE
LL 27	PL 15
PI 12	

DESCRIPTION McCormick Ranch Sand
 Triaxial Cyclic @ 73%
 Lateral Pressure, 3200 psi

WATER CONTENT	W	10.97	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	84.81	%
DRY DENSITY	γ_d	123.83	PCF
WET DENSITY	γ	137.42	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

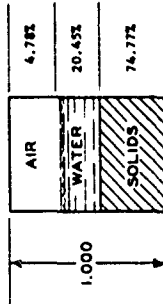


PROJECT Georgia Institute of Technology B-602
 Contract No. DACA39-67-C-0051

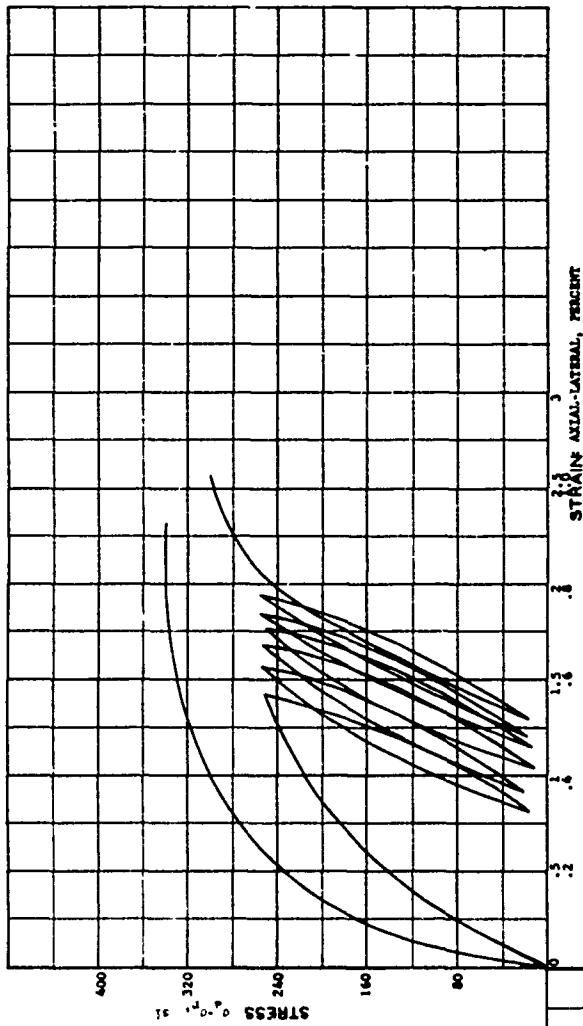
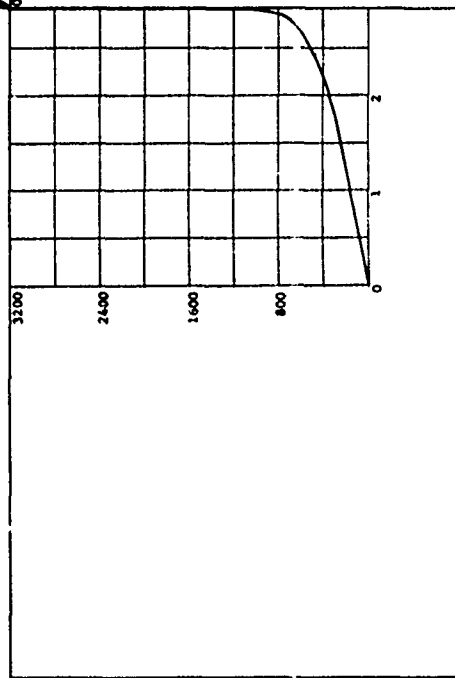
AREA _____ BORING NO. SAMPLE NO. 105A
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

DESCRIPTION McCormick Ranch Sand
Triaxial-Cycle Shear @ 75%

WATER CONTENT	W	10.26	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.04	%
DRY DENSITY	γ_d	124.56	PCF
WET DENSITY	γ	137.32	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
 Contract No. DAC39-67-C-0031

AREA _____

BORING NO. _____ SAMPLE NO. 103B

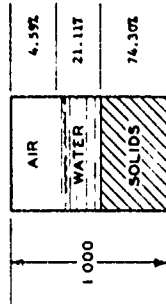
DEPTH _____ DATE _____

EL _____

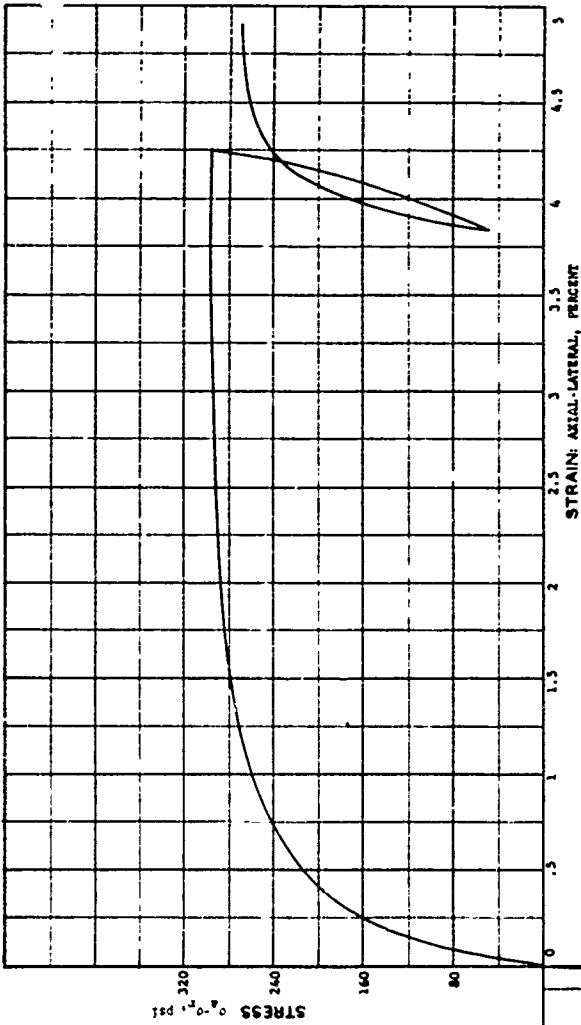
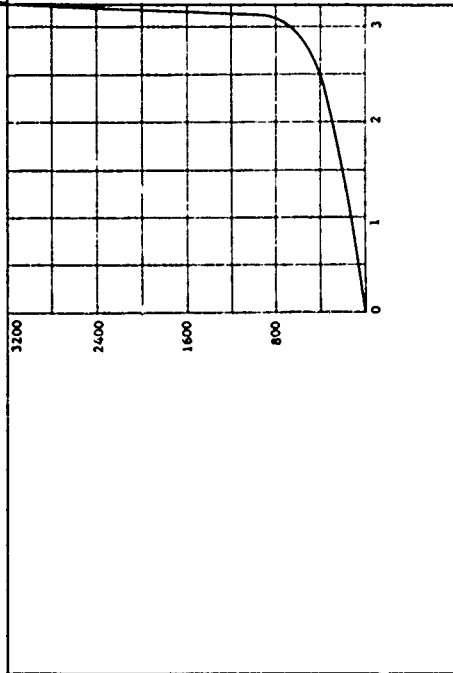
LL 27 PL 15 P1 12

DESCRIPTION McCormick Ranch Sand
 Triaxial-Cyclic Shear @ 75%

WATER CONTENT	W	10.64 %
VOID RATIO	e_0	0.35
SATURATION	S_0	82.15 %
DRY DENSITY	γ_d	123.80 PCF
WET DENSITY	γ	136.97 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.52 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology 8-607

Contract No. DACW39-67-G-0031

AREA

BORING NO. SAMPLE NO. 137

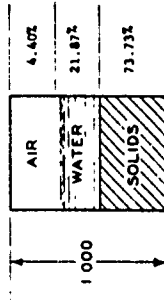
DEPTH DATE

LL 27 PL 15 PI 12

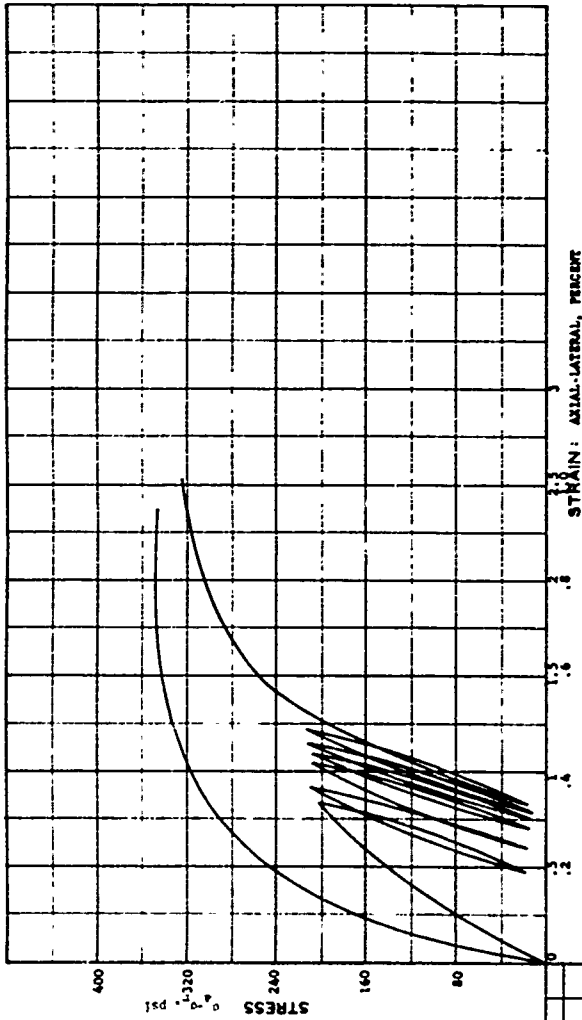
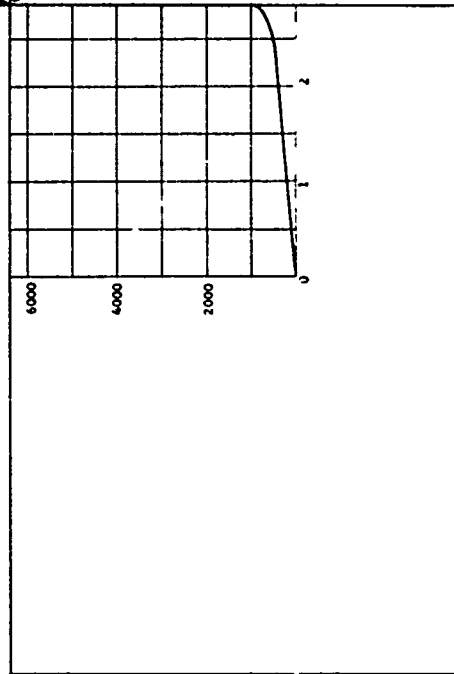
DESCRIPTION McCormick Ranch Sand

Triaxial-Cycle Shear # 733

WATER CONTENT	W	11.11 %
VOID RATIO	e_0	0.36
SATURATION	S_0	83.24 %
DRY DENSITY	γ_d	122.83 PCF
WET DENSITY	γ	136.48 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.54 CM



HYDROSTATIC COMPRESSION PHASE

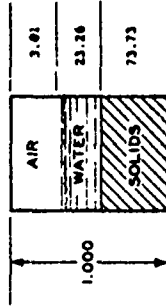


PROJECT - Georgia Institute of Technology J-402
 Contract No. DACA39-47-C-0051

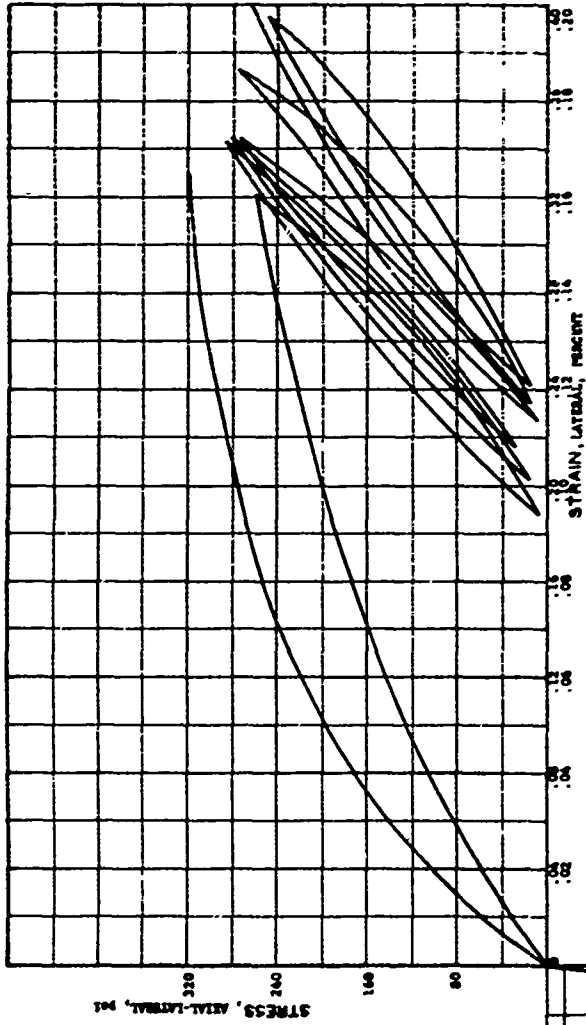
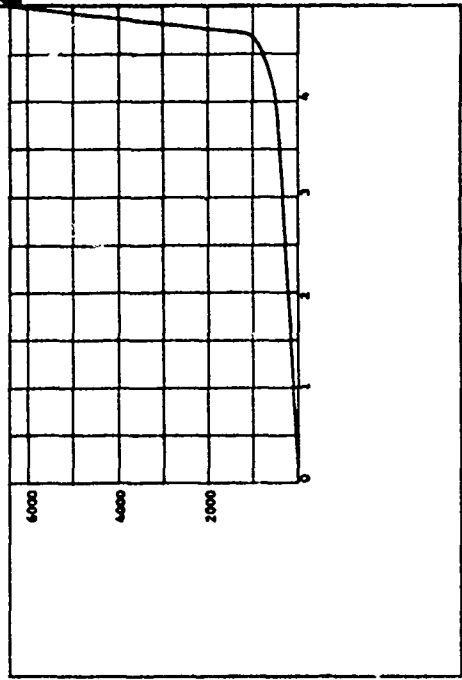
AREA _____ SAMPLE NO. 80
 BORING NO. _____ DATE _____
 DEPTH _____
 E.L. _____ PL 15 PI 12

DESCRIPTION - McGowrick Wash Sand
Triaxial-Cycle Shear Q 735

WATER CONTENT	W	11.82 %
VOID RATIO	e_0	0.36
SATURATION	S_0	88.55 %
DRY DENSITY	γ_d	122.84 PCF
WET DENSITY	γ	137.36 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.31 CM
SPECIMEN HEIGHT	H_0	7.33 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Geotile Test Unit of Testbed No. B-492
 Contract No. DCA39-47-C-0031

AREA: _____

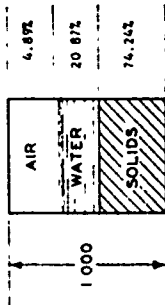
BORING NO. _____ SAMPLE NO. 81
 DEPTH _____ DATE _____
 EL _____ PL 15 PI 12

DESCRIPTION: McCormick Ranch Sand
 Triaxial Cycle # 758
 Lateral Pressure, 6400 psi

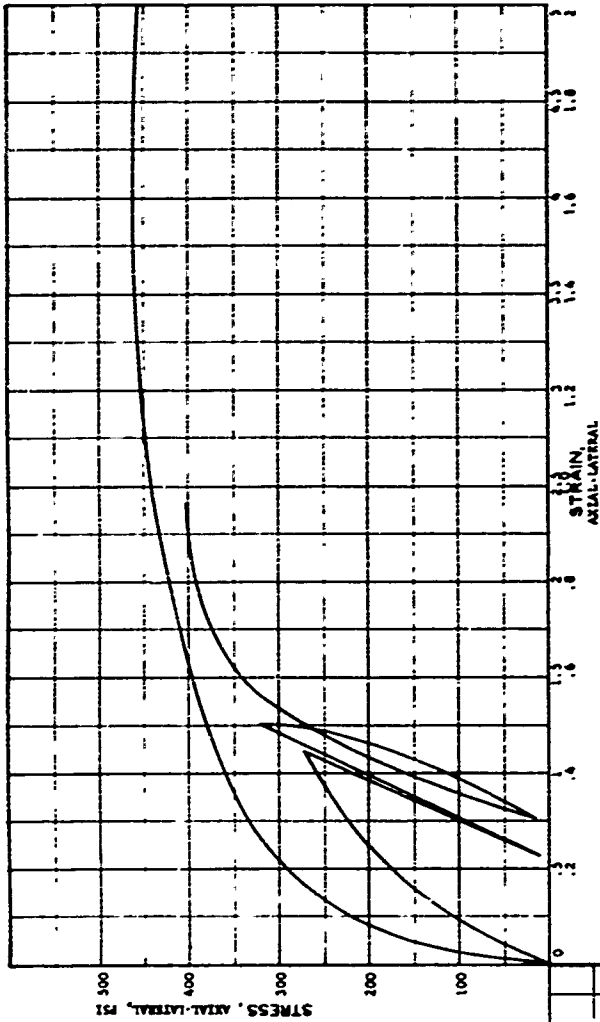
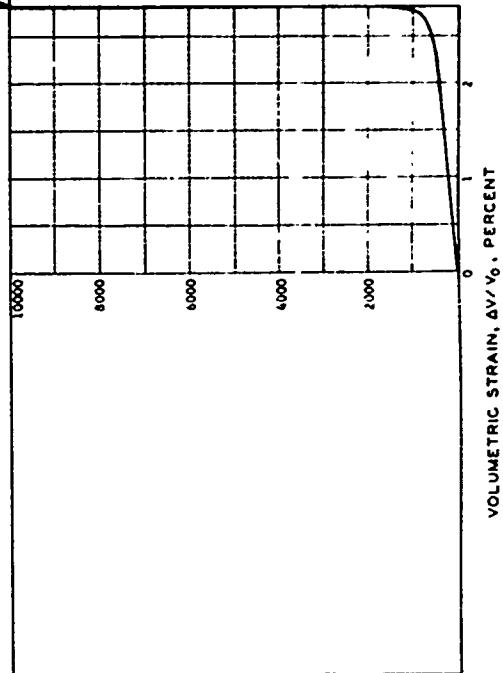
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	10.53 %
VOID RATIO	e_0	0.35
SATURATION	S_0	81.03 %
DRY DENSITY	γ_d	123.70 PCF
WET DENSITY	γ	136.72 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.55 CM



HYDROSTATIC COMPRESSION PHASE



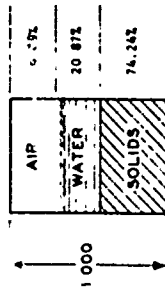
PROJECT: Geotek Institute of Technology, B-102
 Report No. DACAP-67-C-003

AREA: _____
 BORING NO. _____
 DEPTH _____
 EL. _____

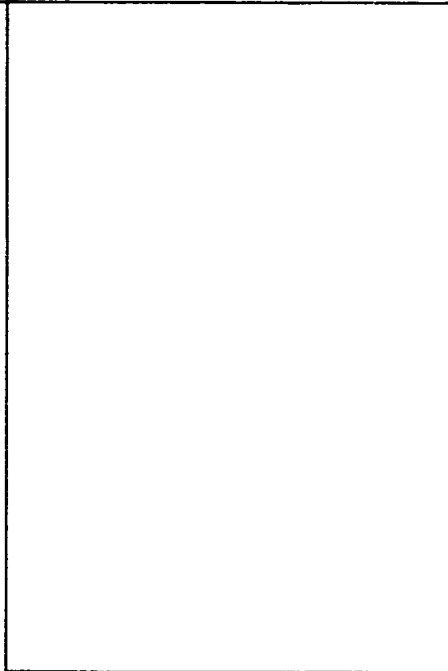
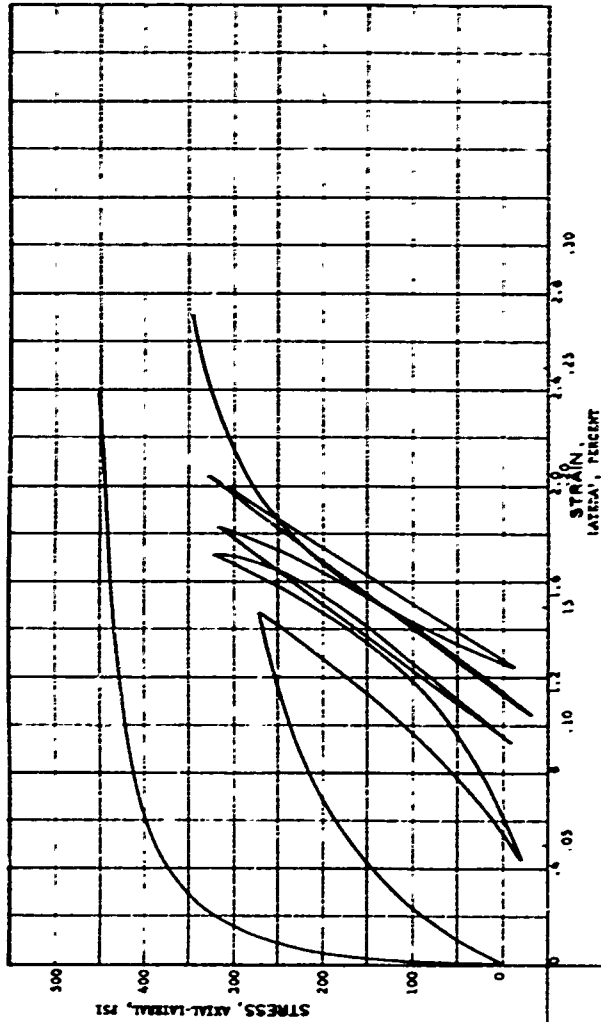
DATE: _____
 PL 13 PI 12

DESCRIPTION: McQuinn South Bend
 Triaxial Cycle 3/73
 141863; Pressure: 10,000 psi

WATER CONTENT	W	10.53	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	81.03	%
DRY DENSITY	γ_d	133.70	PCF
WET DENSITY	γ	136.72	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



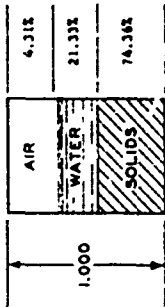
HYDROSTATIC PRESSURE, P, PSI

PROJECT Georgia Institute of Technology 8-002
 Contract No. DACW39-67-G-0031

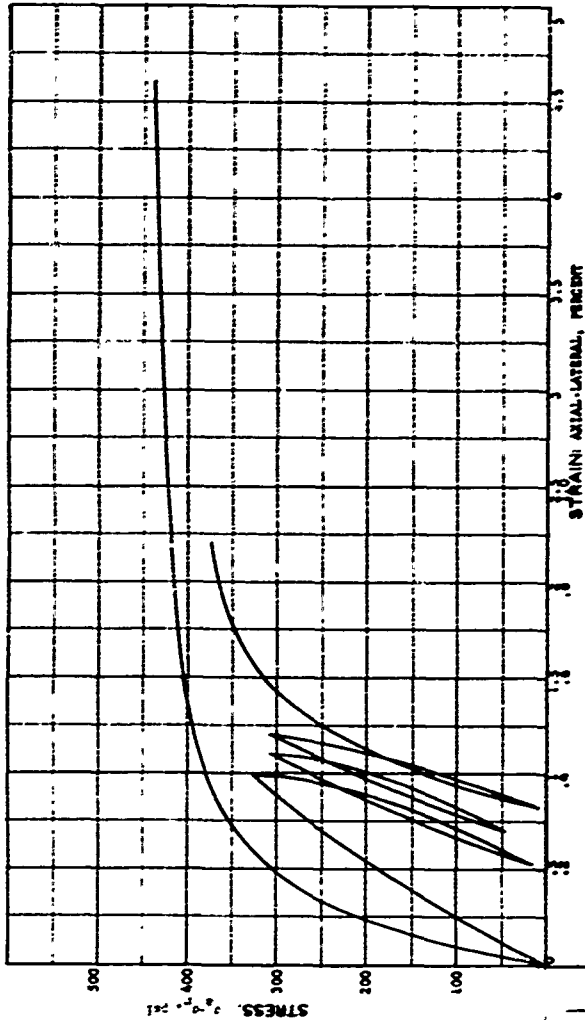
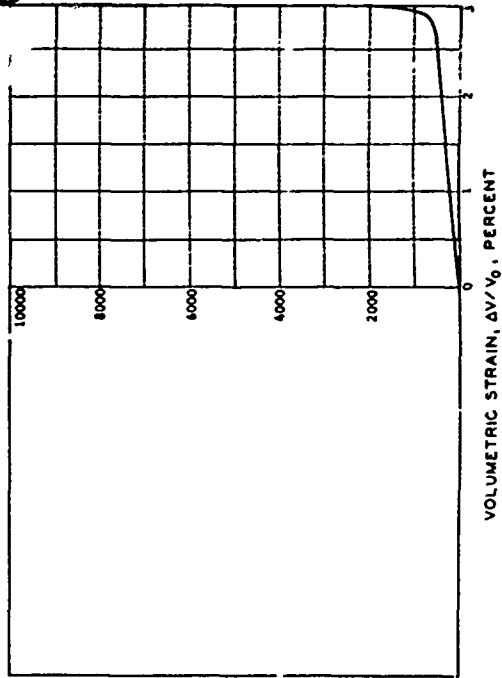
AREA _____ SAMPLE NO. 76
 BORING NO. _____ DATE _____
 DEPTH _____ PL 15 PI 12
 EL _____

DESCRIPTION McCombs, North, SAND...
 Triaxial Cycle of 73K
 Lateral Pressure, 10,000 psi

WATER CONTENT	W	10.74 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.20 %
DRY DENSITY	γ_d	123.89 PCF
WET DENSITY	γ	137.20 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT - Georgia Institute of Technology, B-900
 Syntest No. MAC39-07-C-0031

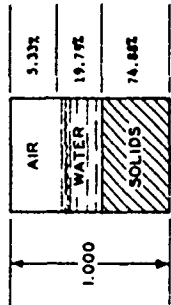
AREA _____

BORING NO. _____ SAMPLE NO. 78
 DEPTH _____ DATE _____

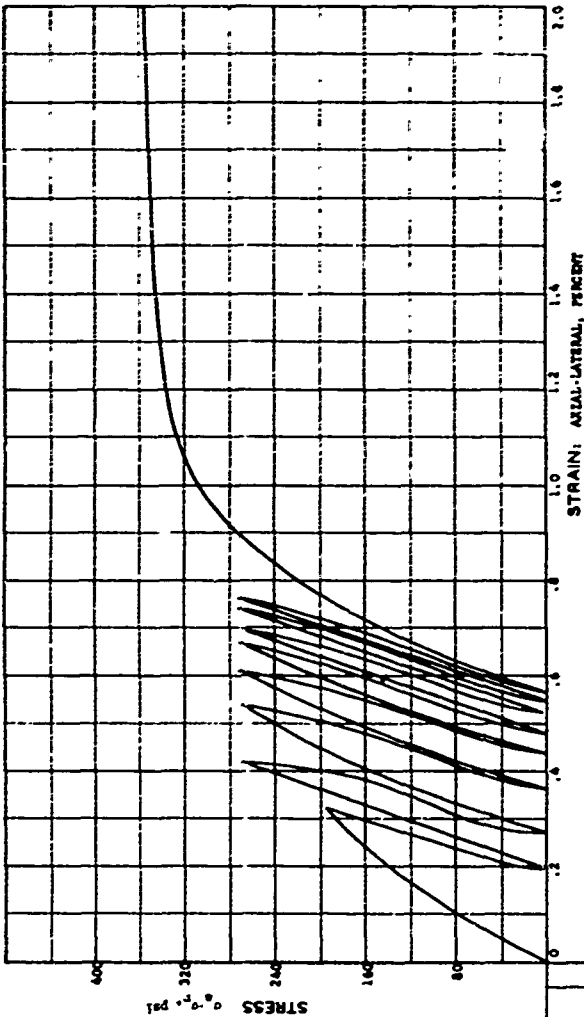
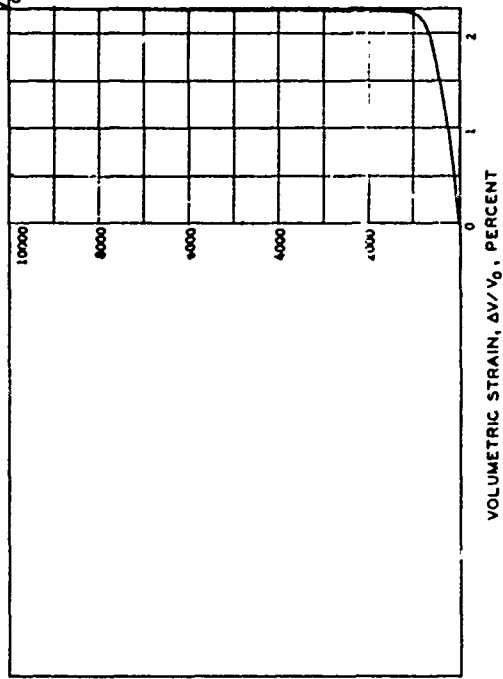
LL 27 PL 13 PI 12

DESCRIPTION - McCOMBISH SAND, SAND
Triaxial-Cycle shear 0.25X

WATER CONTENT	W	9.90	%
VOID RATIO	e_0	0.33	
SATURATION	S_0	78.78	%
DRY DENSITY	γ_d	126.76	PCF
WET DENSITY	γ	137.11	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



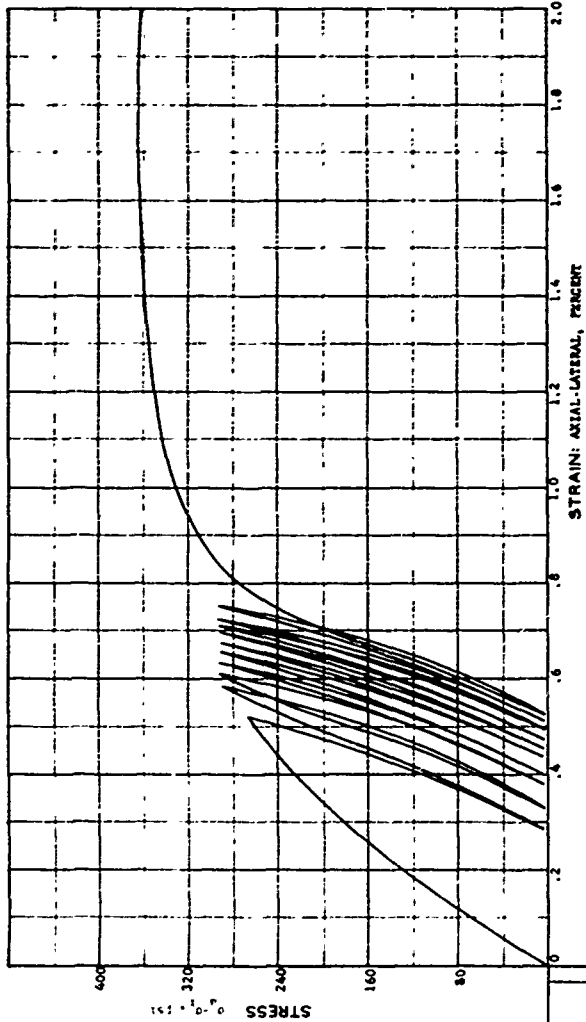
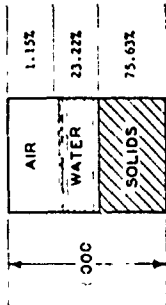
PROJECT Georgia Institute of Technology
 Contract No. DCA33(8)5(83)

AREA _____

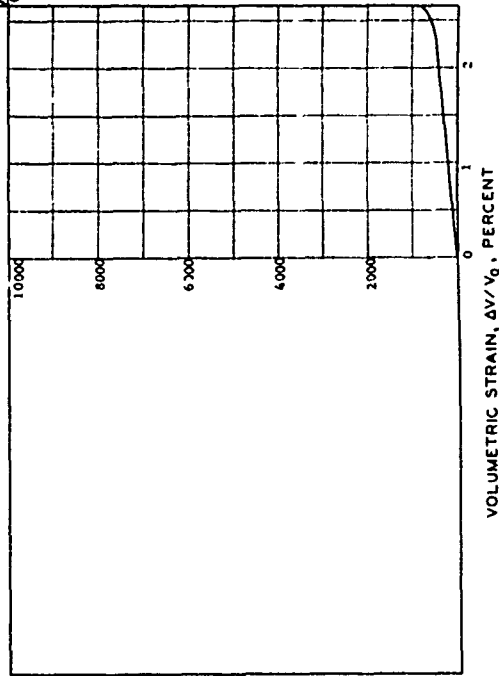
BORING NO. _____ SAMPLE NO. 79
 DEPTH _____ DATE _____
 E.L. _____ PL 13 PL 13

DESCRIPTION McCovich Ranch Sand
 Terminal Cycle Sheet 0 138

WATER CONTENT	W	11.50	%
VOID RATIO	e_0	0.32	
SATURATION	S_0	95.31	%
DRY DENSITY	γ_d	126.01	PCF
WET DENSITY	γ	140.50	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

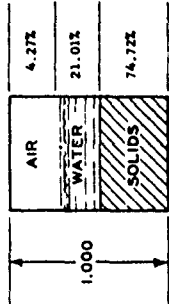
PROJECT		Georgia Institute of Technology, R-102.	
Contract No.		DACW39-47-C-0031	
AREA	SAMPLE NO.	81	
BORING NO.	DEPTH	DATE	
EL.	LL	PL	P1 12
DESCRIPTION		McComber Beach Sand	
		Triaxial-Cycle-Shear @ 75%	

Group D

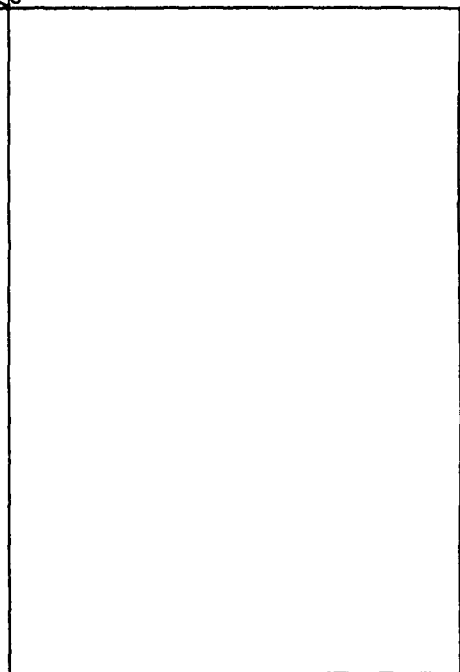
Constant Ratio Tests

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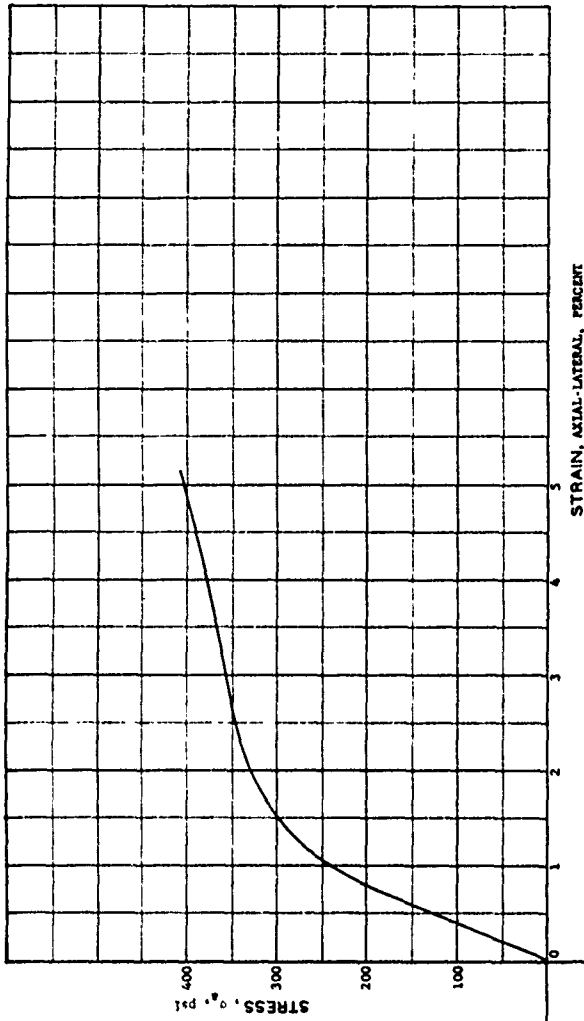
WATER CONTENT	W	10.53	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.11	%
DRY DENSITY	γ_d	126.48	PCF
WET DENSITY	γ	137.60	PCF
COEFFICIENT GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.52	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

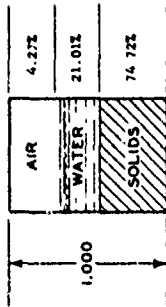


PROJECT Ga. Tech B-602		
CONTRACTS No. DAC39-67-C-0051		
AREA		
BORING NO.	SAMPLE NO. 158	
DEPTH	DATE	
EL		
LL 27	PL 15	PI 12
DESCRIPTION McCormick Branch Sand		
Constant Stress Ratio, 0.4		
Initial Pressure, 0 psi		

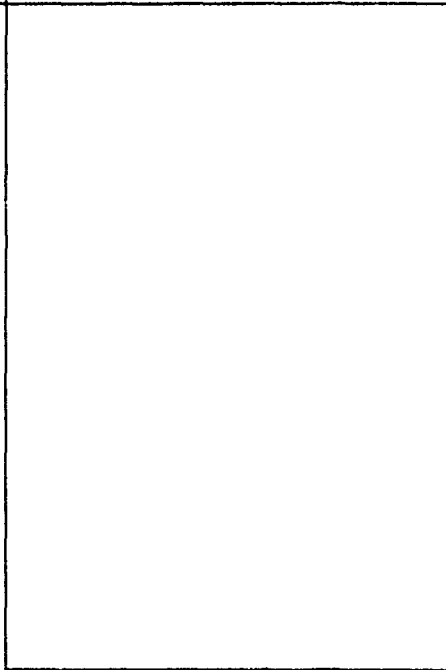
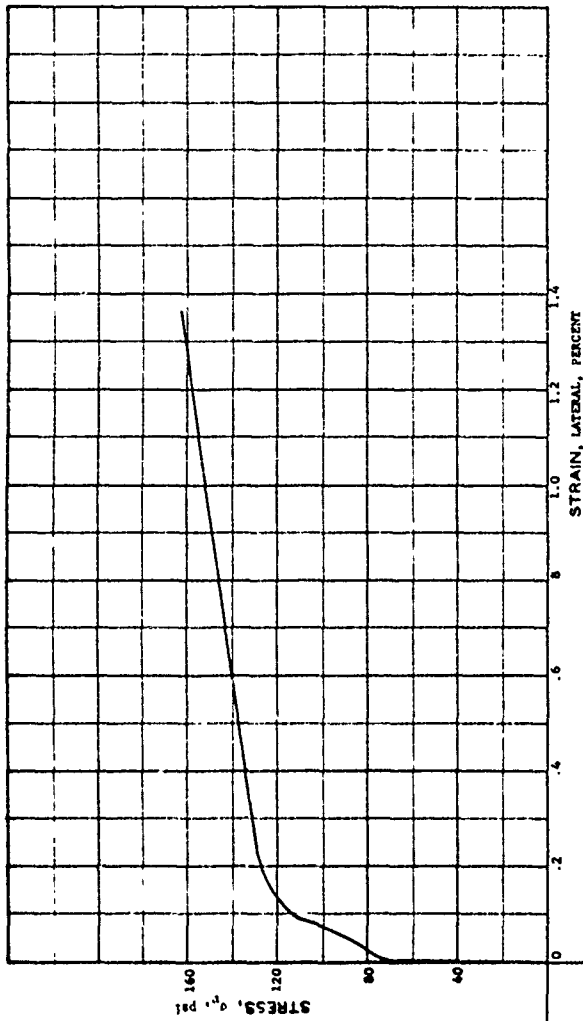
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HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	10.33	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.11	%
DRY DENSITY	γ_d	124.48	PCF
WET DENSITY	γ	137.60	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.32	CM



HYDROSTATIC COMPRESSION PHASE

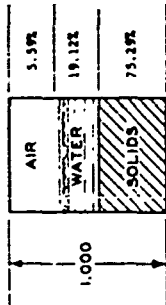


HYDROSTATIC PRESSURE, p , PSI

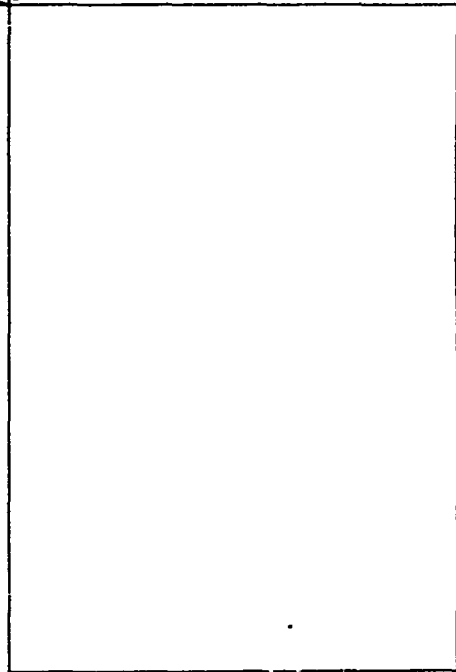
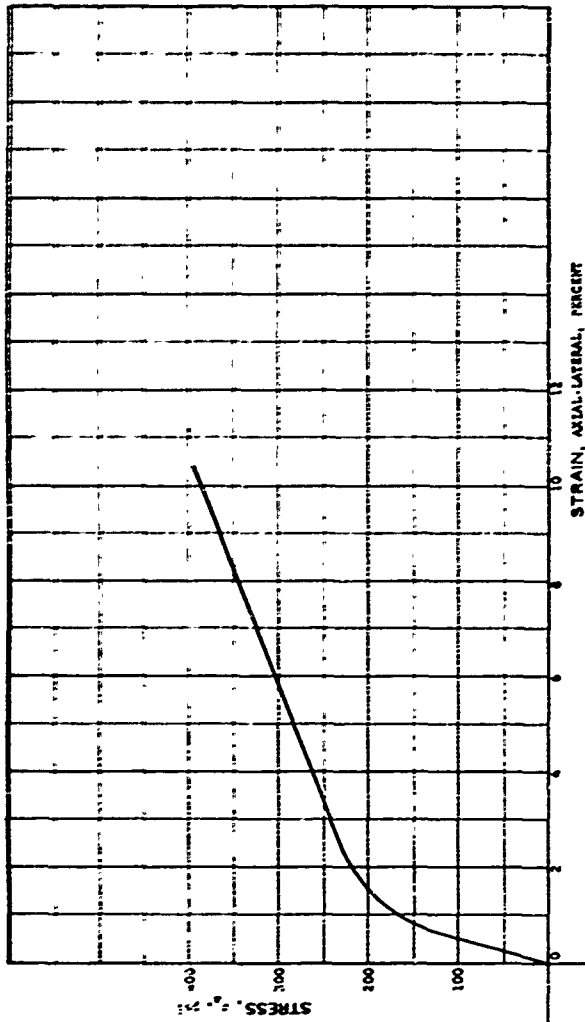
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Ga. Tech. B-602	
Contract No.		DMCA39-67-C-0031	
AREA	BORING NO.	SAMPLE NO.	139
DEPTH	EL.	DATE	
LL	27	PL	15
		PI	12
DESCRIPTION			
McComick Ranch sand			
Constant Stress Ratio, 0.4			
Initial Pressure, 0 psi			

WATER CONTENT	W	9.31	%
VOID RATIO	e_0	0.33	
SATURATION	S_0	77.35	%
DRY DENSITY	γ_d	123.45	PCF
WET DENSITY	γ	137.37	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



H' DROSTATIC COMPRESSION PHASE

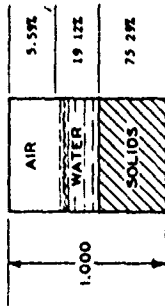


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

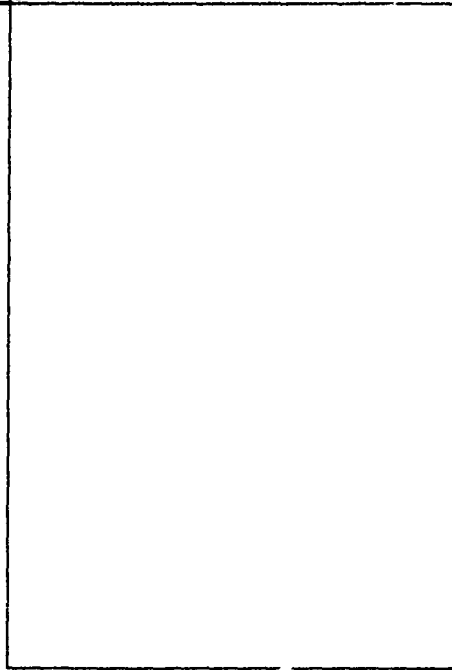
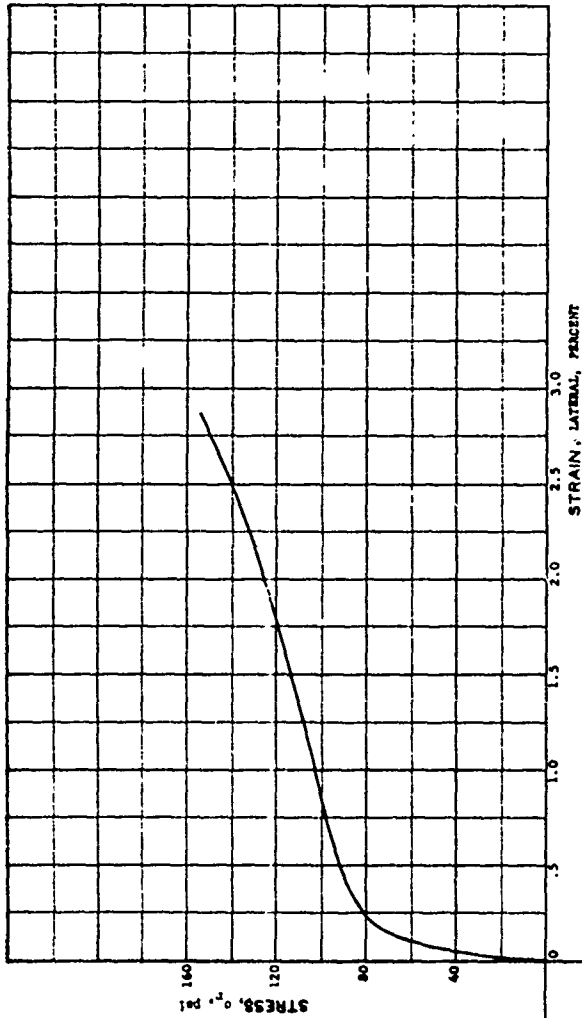
HYDROSTATIC PRESSURE, p, PSI

PROJECT <u>GA Tech B-402</u>	
Contract No. <u>24639-81-C-9031</u>	
AREA	
BORING NO. <u> </u>	SAMPLE NO. <u>181</u>
DEPTH <u> </u>	DATE <u> </u>
EL <u> </u>	PL <u>13</u> PI <u>12</u>
DESCRIPTION <u>McComick Ranch Sand</u>	
Constant Stress Ratio, σ_1/σ_3 <u> </u>	
Initial Pressure, σ_3 <u> </u>	

WATER CONTENT	W	9.51	%
VOID RATIO	e_0	0.33	
SATURATION	S_0	77.35	%
DRY DENSITY	γ_d	125.45	PCF
WET DENSITY	γ	137.37	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	3.50	CM



HYDROSTATIC COMPRESSION PHASE

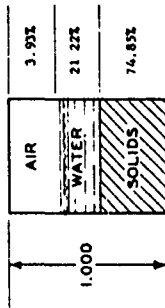


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

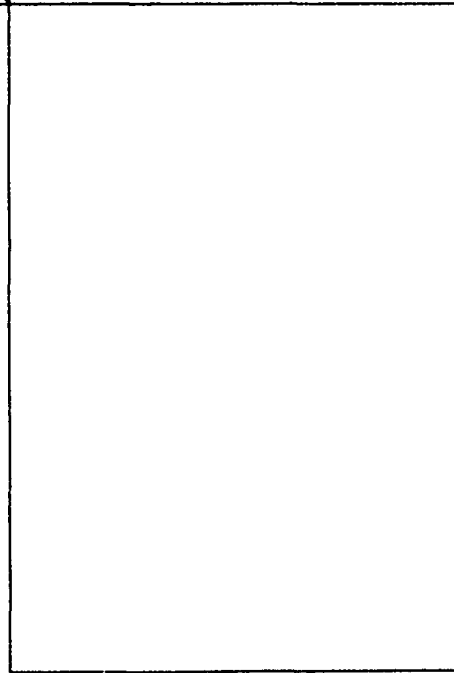
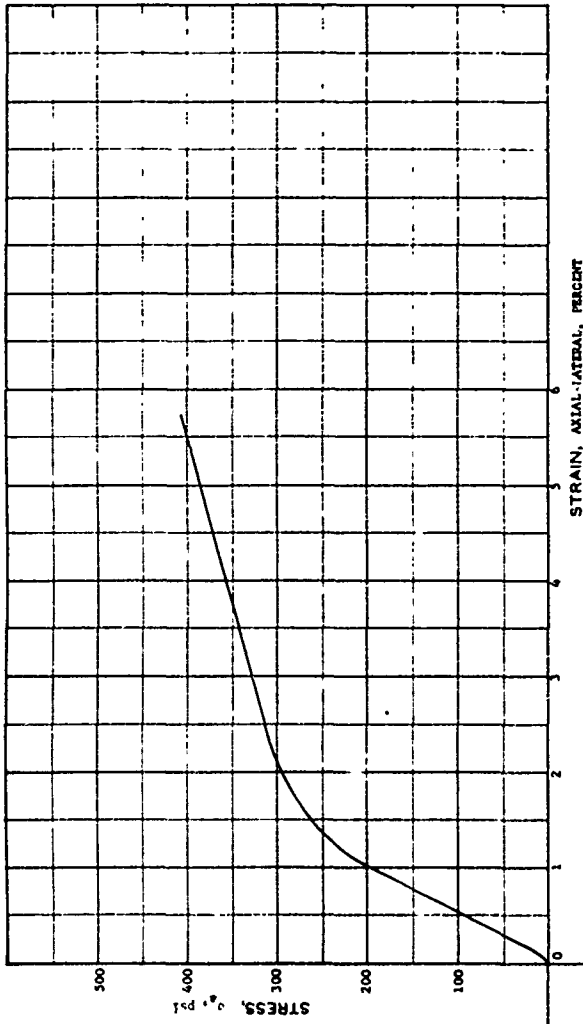
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Ca Tech B-602		
CONTRACT NO.	DMCA99-67-C-0031		
AREA			
BORING NO.	SAMPLE NO. 161		DATE
DEPTH			
EL	LL 27	PL 15	PI 12
DESCRIPTION	McCormick Manch Sand		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 0 psi		

WATER CONTENT	W	10.62	%
VOID RATIO	e_0	0.34	
SATURATION	S_u	84.37	%
DRY DENSITY	γ_d	124.70	PCF
WET DENSITY	γ	137.94	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE

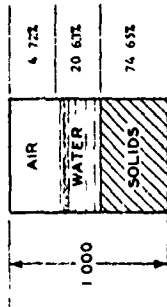


PROJECT Ga Tech B-6021
 Contract No. DMC39-67-C-0031

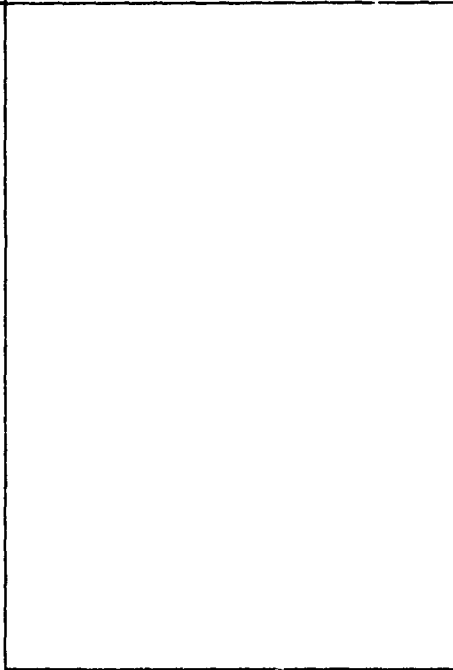
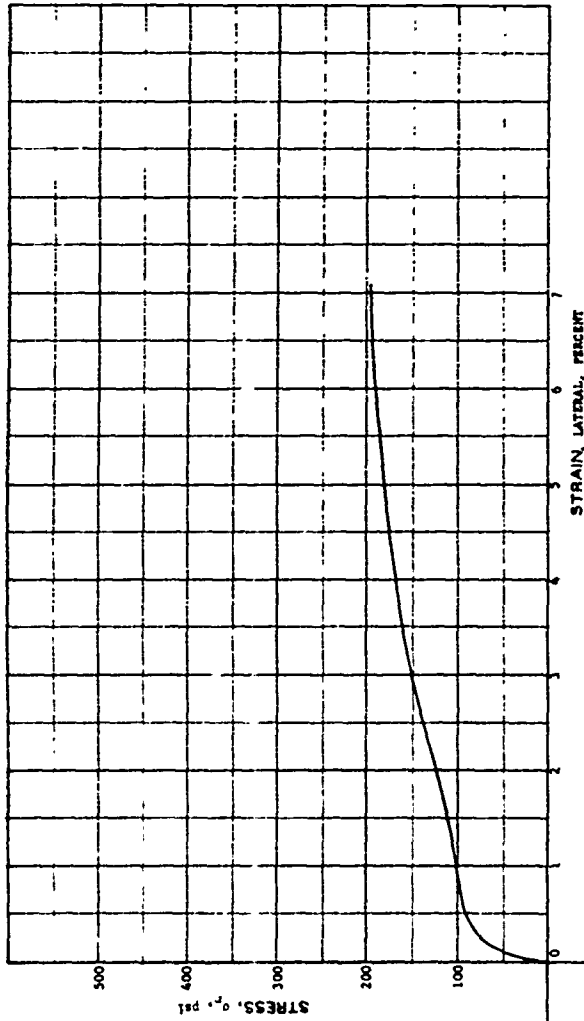
AREA _____
 BORING NO. _____ SAMPLE NO. 162
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

DESCRIPTION McCombs Rough Sand
 Constant Stress Ratio, 0.5; Initial Pressure, 0 sl

WATER CONTENT	W	10.33	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.37	%
DRY DENSITY	γ_d	124.37	PCF
WET DENSITY	γ	137.24	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE

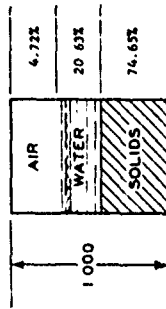


PROJECT Ge Tech B-002
 Contract No. DAC49-67-C-0031

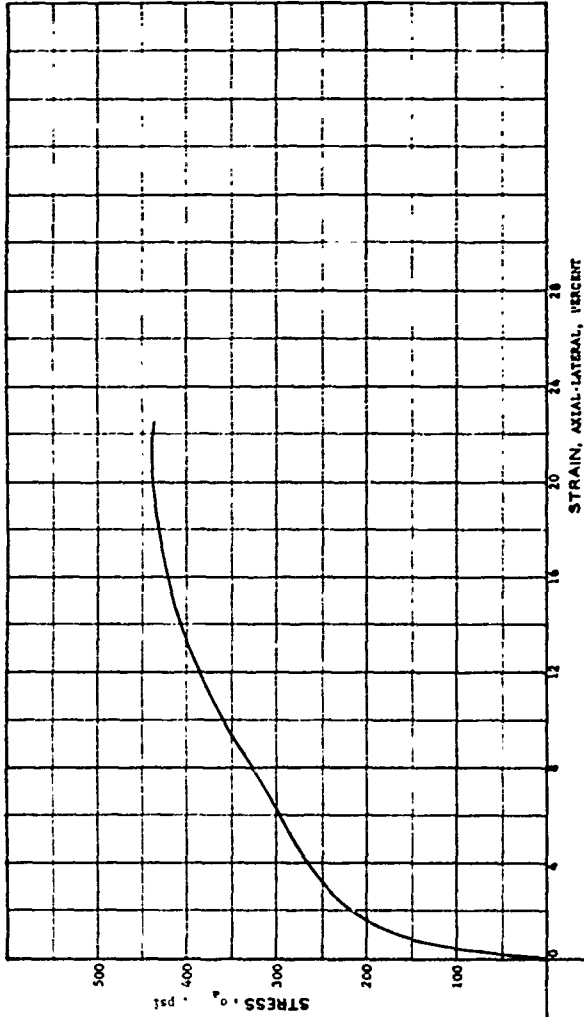
AREA _____
 BORING NO. _____ SAMPLE NO. 114
 DEPTH _____ DATE _____
 LL 27 PL 15 PI 12

DESCRIPTION McDonnell Beach Sand
 Constant Stress Ratio, σ_0 _____
 Initial Pressure, σ_0 psi _____

WATER CONTENT	W	10.35	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.37	%
DRY DENSITY	γ_d	124.37	PCF
WET DENSITY	γ	137.24	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM



HYDROSTATIC COMPRESSION PHASE



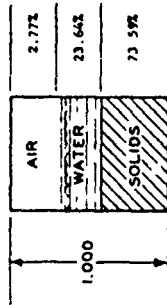
HYDROSTATIC PRESSURE, P, PSI

141

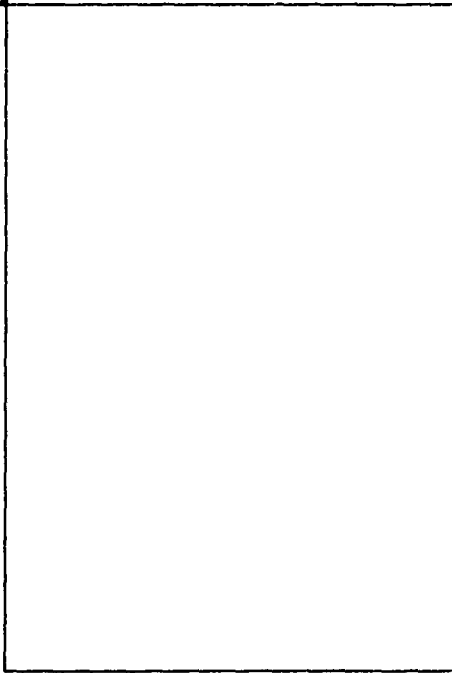
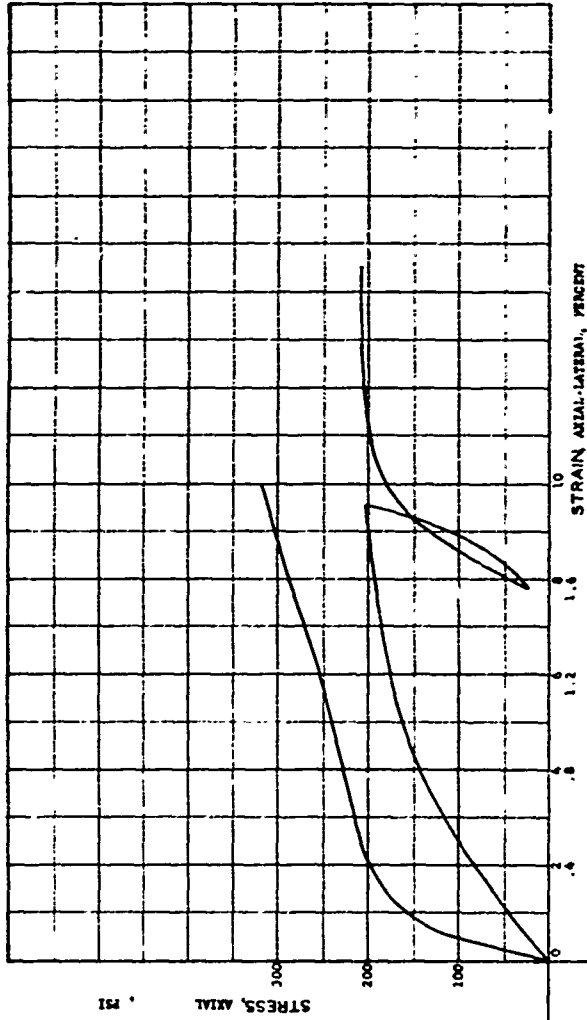
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Co Tech B-602	
Contract No.	DAC39-47-C-0031	
AREA		
BORING NO.	SAMPLE NO. 144	
DEPTH	DATE	
EL	PL	PI
LL	27	13
DESCRIPTION	McCombs Ranch Sand	
	Constant Stress Ratio, 0.4	
	Initial Pressure, 0 psi	

WATER CONTENT	W	12.03	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	89.49	%
DRY DENSITY	γ_d	122.60	PCF
WET DENSITY	γ	137.35	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Ca Tech B-602
 Contract No. DACA33-67-C-0031

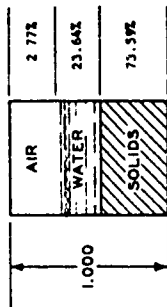
AREA _____

BORING NO. _____ SAMPLE NO. 1A7
 DEPTH _____ DATE _____

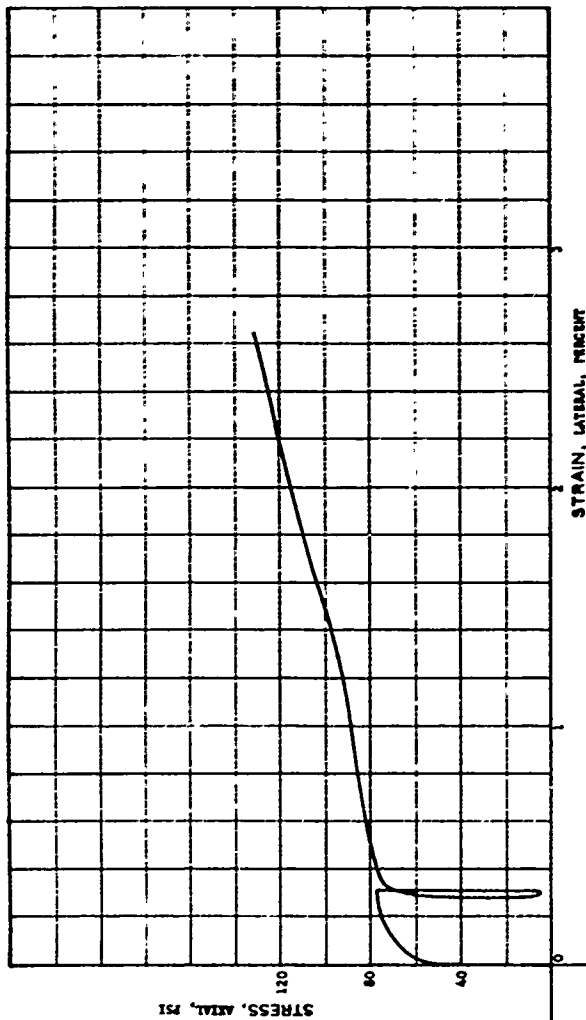
LL 27 PL 13 PI 17

DESCRIPTION McCauley Beach Sand
 Constant Stress Ratio, σ_3/σ_1 _____
 Initial Pressure, σ_3 psi _____

WATER CONTENT	W	12.00	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	89.49	%
DRY DENSITY	γ_d	122.60	PCF
WET DENSITY	γ	137.35	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



HYDR. STATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT GA. Tech. B-1981
 Contract No. DMC49-81-C-0031

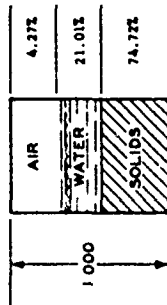
AREA _____

BOHRING NO. _____ SAMPLE NO. 107
 DEPTH _____ DATE _____

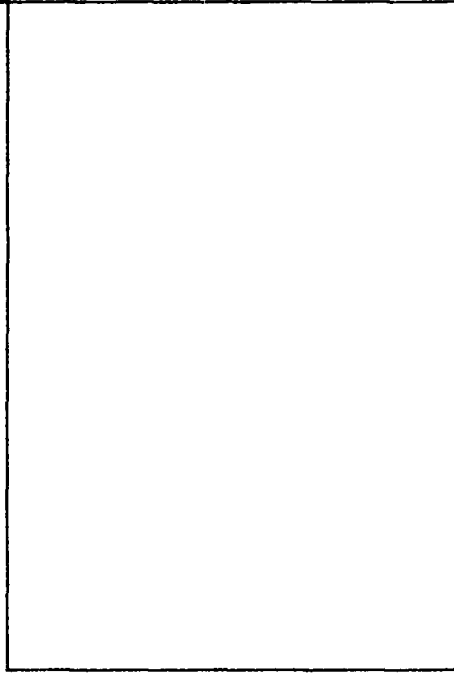
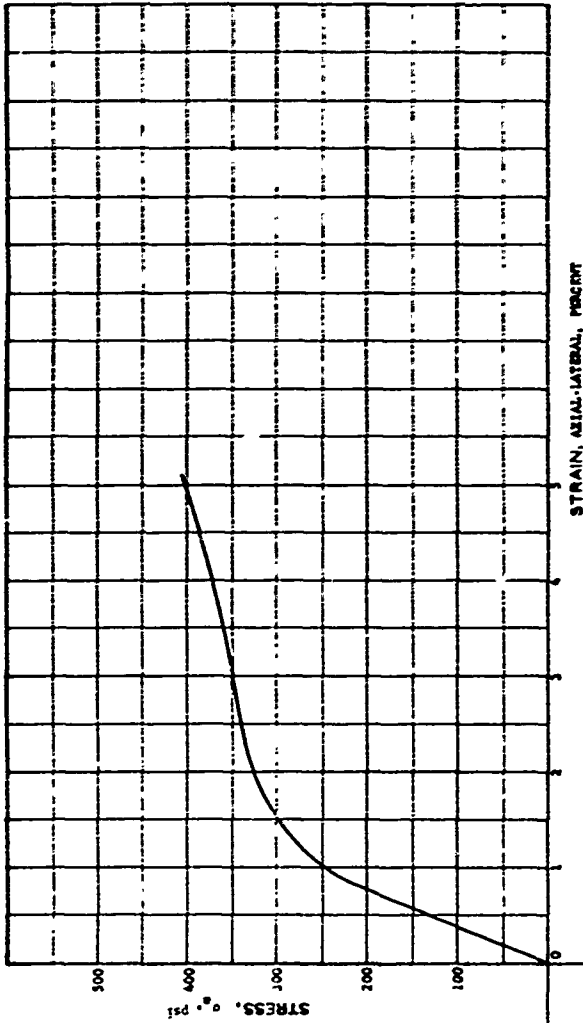
LL 27 PL 13 PI 17

DESCRIPTION McCamick Ranch Sand
Consolid. Stress Ratio, 0.4
Initial Pressure, 0.001

WATER CONTENT	W	10.53	%
VOID RATIO	e_v	0.34	
SATURATION	S_v	83.11	%
DRY DENSITY	γ_d	124.48	PCF
WET DENSITY	γ	137.60	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.90	CM
SPECIMEN HEIGHT	H_0	7.32	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Co. Tech. B. 6521
 CONTROL No. DMC43-57-5-0031

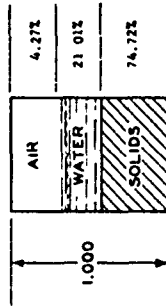
AREA _____

BORING NO. _____ SAMPLE NO. 1M
 DEPTH _____ DATE _____

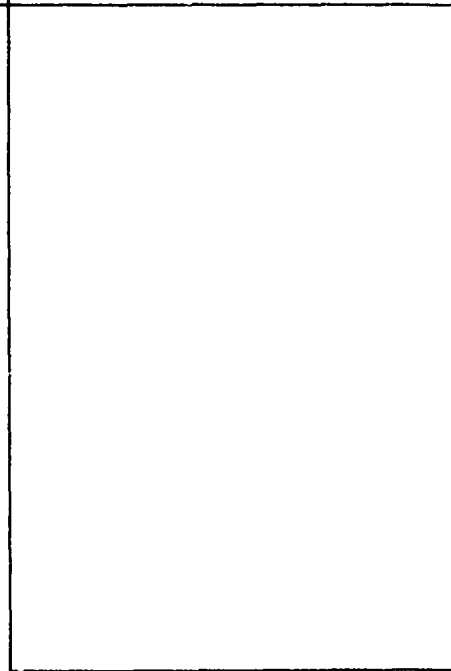
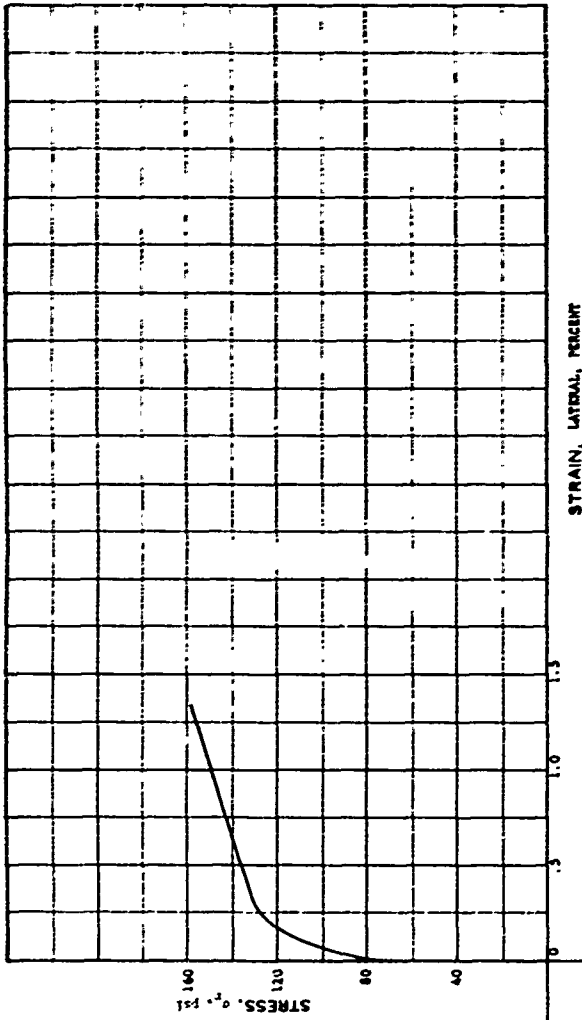
LL 37 PL 15 PI 12

DESCRIPTION HYDRAULIC PRESS. PHASE
 Constant Stress Ratio: 0.4
 Initial Pressure: 0 psi

WATER CONTENT	W	10.33	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.11	%
DRY DENSITY	γ_d	126.48	PCF
WET DENSITY	γ	137.60	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.52	CM



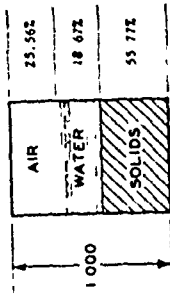
HYDROSTATIC COMPRESSION PHASE



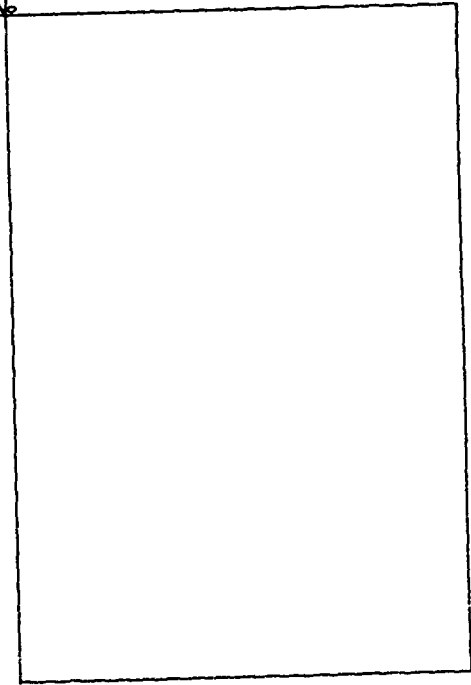
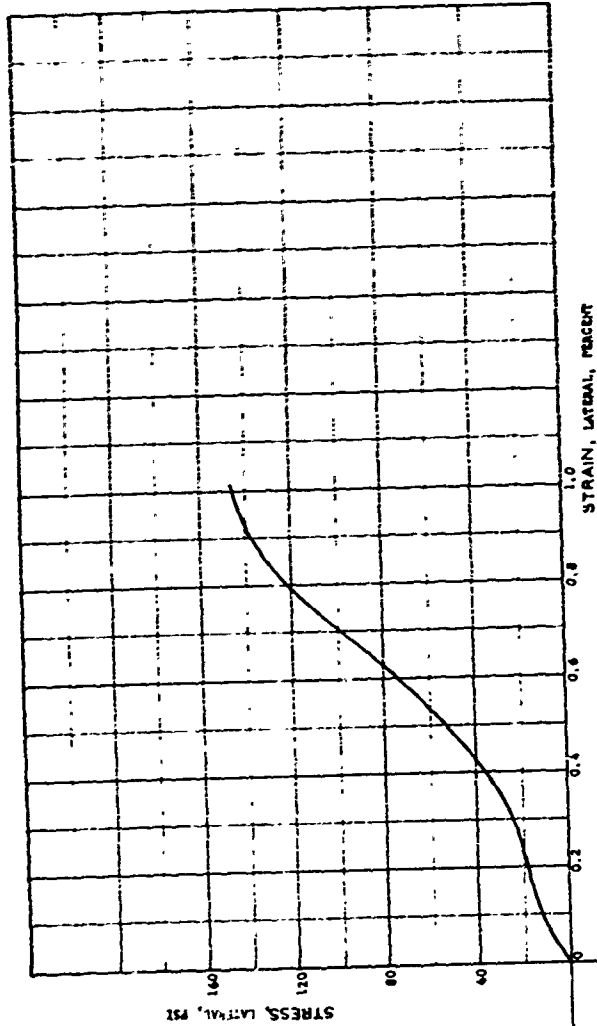
HYDROSTATIC PRESSURE, p , PSI

PROJECT	94-2000-3-103	
AREA	SPILLWAY (No. 0001) (V.C. 0001)	
BORING NO.	SAMPLE NO. 146	
DEPTH	DATE	
LL	PL 27	PI 12
DESCRIPTION	McSwain, 1/2 inch sand	
	Constant Stress $H_0 = 9.4$	
	Initial Pressure, 0 psi	

WATER CONTENT	W	12.60 %
VOID RATIO	e_0	0.79
SATURATION	S_0	42.21 %
DRY DENSITY	γ_d	93.96 PCF
WET DENSITY	γ	105.61 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_p	3.49 CM
SPECIMEN HEIGHT	H_p	7.60 CM



HYDROSTATIC COMPRESSION PHASE

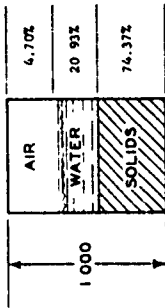


HYDROSTATIC PRESSURE, P, PSI

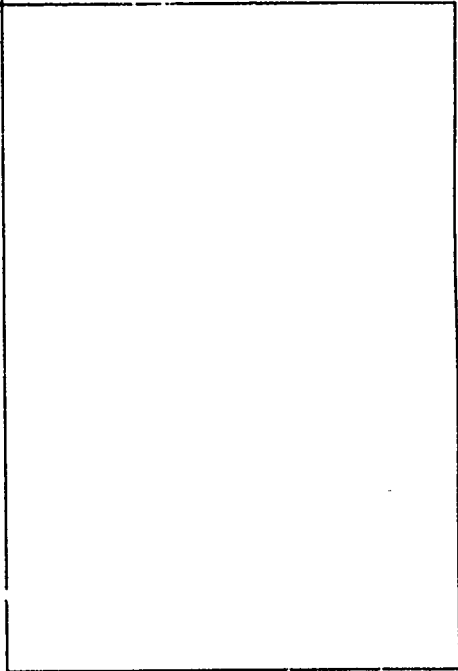
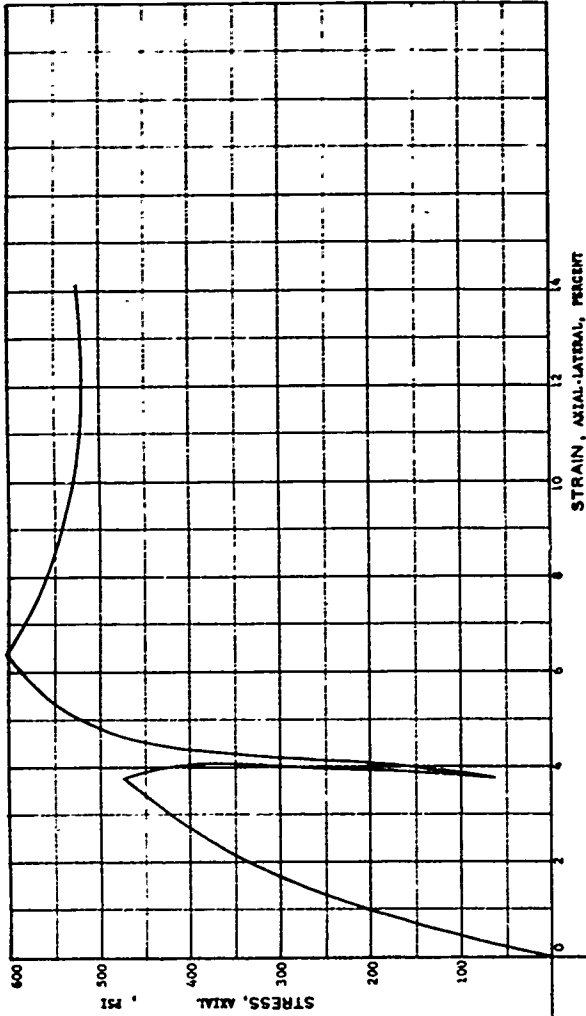
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT - Ga Tech 3-493
 Emmons No. DMSA3-67-C-0031
 AREA _____ SAMPLF NO. 203
 BORING NO. _____ DATE _____
 DEPTH _____ PL 17 PL 18
 LL 34
 DESCRIPTION - Washing Mill Clay
 Constant stress Ratio, 0.4
 Initial Pressure, 100 psi

WATER CONTENT	W	10.54 %
VOID RATIO	e_v	0.34
SATURATION	S_w	81.65 %
DRY DENSITY	γ_d	123.89 PCF
WET DENSITY	γ	136.96 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE

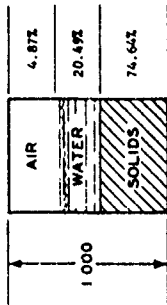


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

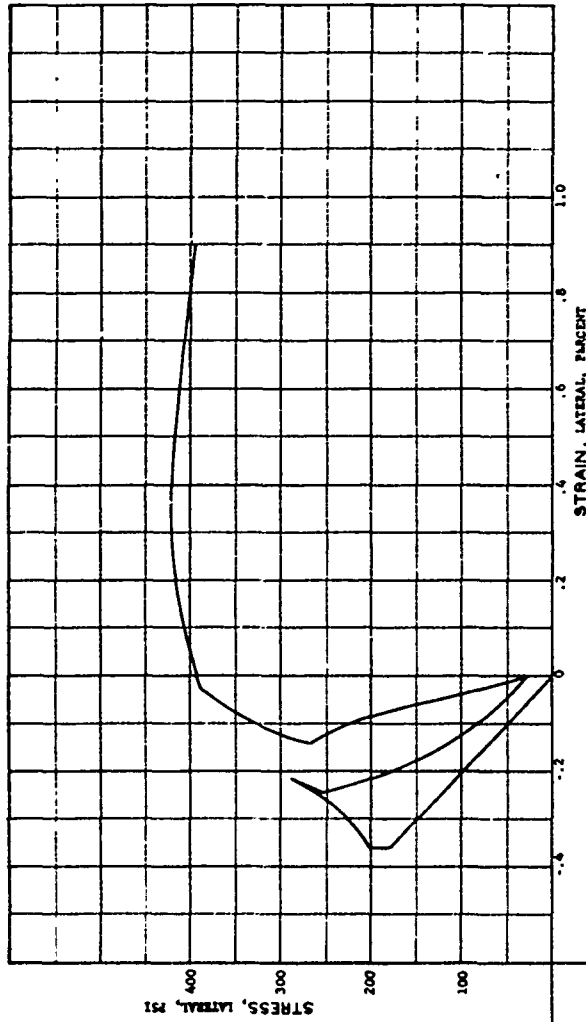
HYDROSTATIC PRESSURE, p , PSI

PROJECT <u>G9_Tech B-1021</u>	
Contract No. <u>DACA39-67-C-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>181</u>
DEPTH	DATE
EL.	
LL <u>27</u>	PL <u>15</u>
	PI <u>12</u>
DESCRIPTION <u>McCormick Ranch Sand</u>	
Constant Stress Ratio, $O.S.$ <u>Initial Pressure, P_0</u>	
Cycle Shear <u>J 732</u>	

WATER CONTENT	W	10.28	%
VOID RATIO	e_0	0.34	
SATURATION	S_v	80.79	%
DRY DENSITY	γ_d	124.36	PCF
WET DENSITY	γ	137.14	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

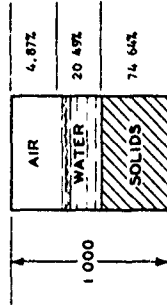


HYDROSTATIC PRESSURE, P, PSI

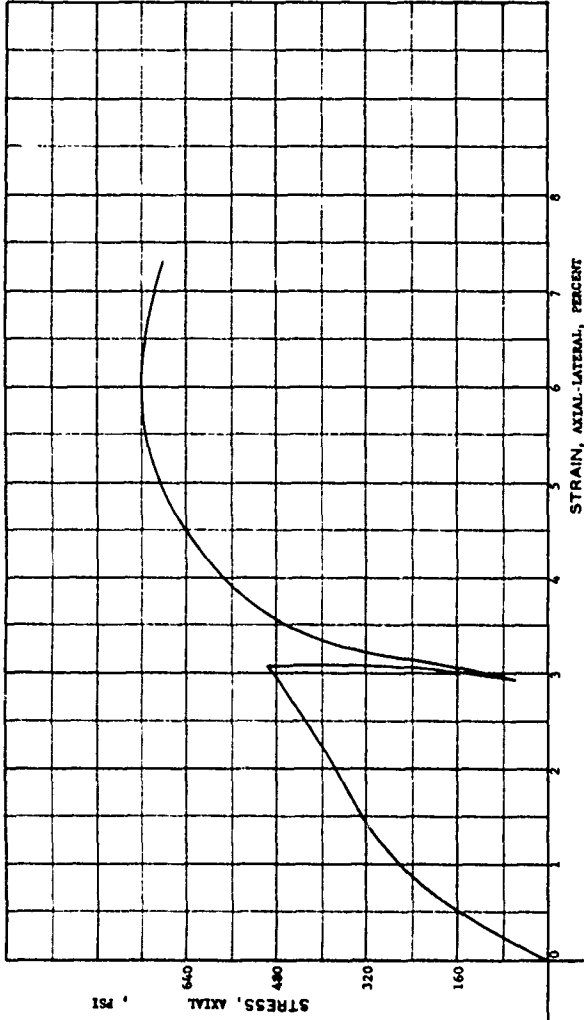
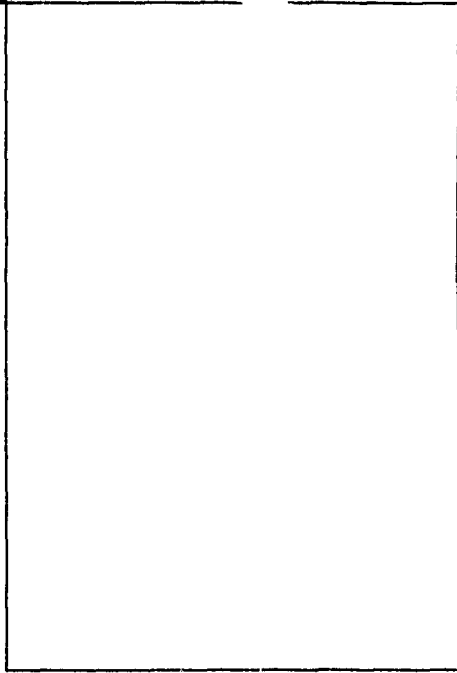
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Ca Tech B-602	
Contract No.		DMCAJ9-67-C-0051	
AREA			
BORING NO.	SAMPLE NO. 182		
DEPTH	DATE		
EL	PL	15	PI 12
DESCRIPTION McCormick Ranch Sand			
Constant Stress Ratio, 0.6; Initial Pressure, 0.98			
Cycle Shear @ 75%			

WATER CONTENT	W	10.22	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	80.79	%
DRY DENSITY	γ_d	124.36	PCF
WET DENSITY	γ	137.14	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM

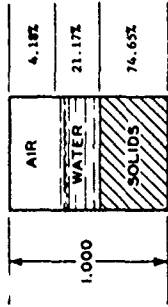


HYDROSTATIC COMPRESSION PHASE

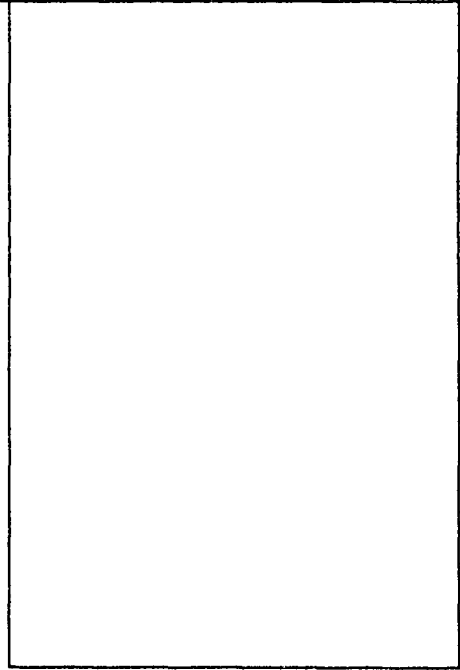
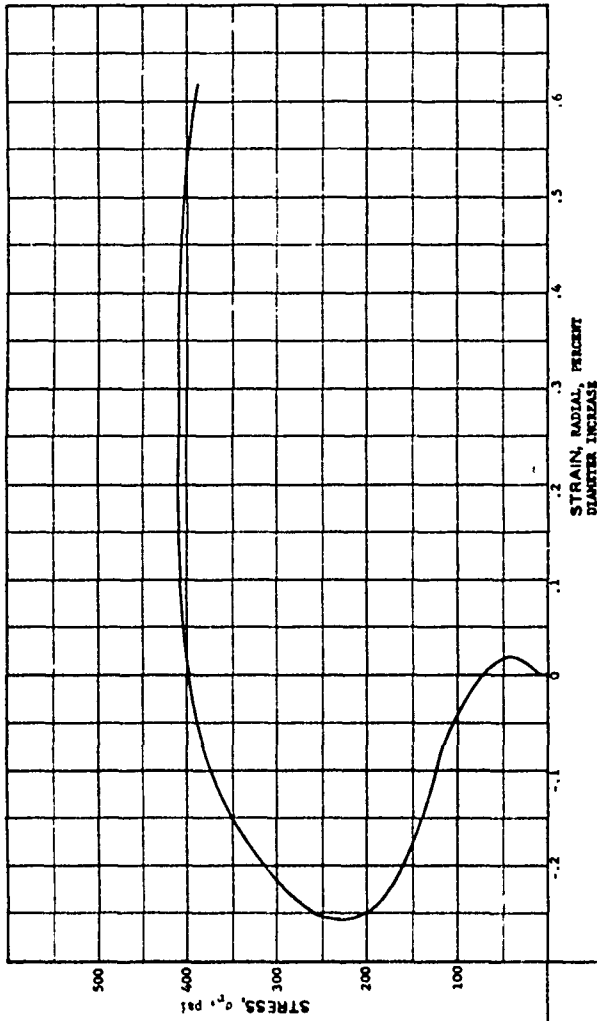


PROJECT		Ca Tech B-602	
Contract No.		DMCA39-67-C-0031	
AREA	BORING NO.	SAMPLE NO. 182	
DEPTH	EL	DATE	
LL 27	PL 15	PI 12	
DESCRIPTION			
McConick Ranch Sand			
Constant Strain Ratio, 0.6; Initial Pressure, 0 psi			
Cycle Shear @ 75%			

WATER CONTENT	W	10.62	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	83.49	%
DRY DENSITY	γ_d	124.37	PCF
WET DENSITY	γ	137.58	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.59	CM



HYDROSTATIC COMPRESSION PHASE

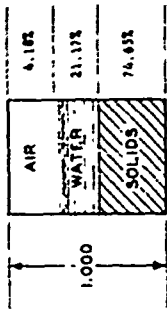


HYDROSTATIC PRESSURE, p, PSI

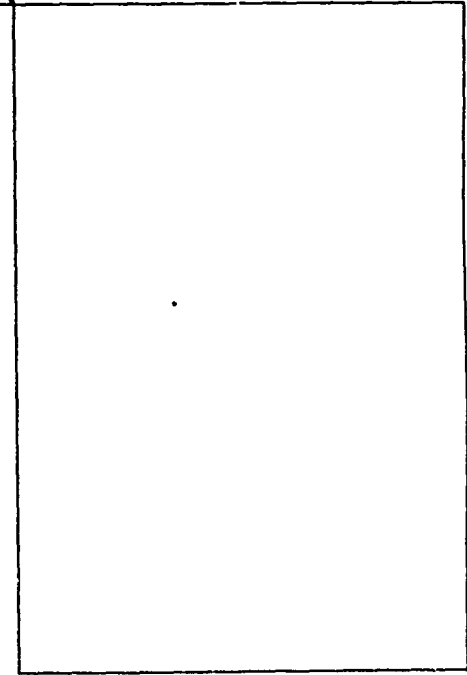
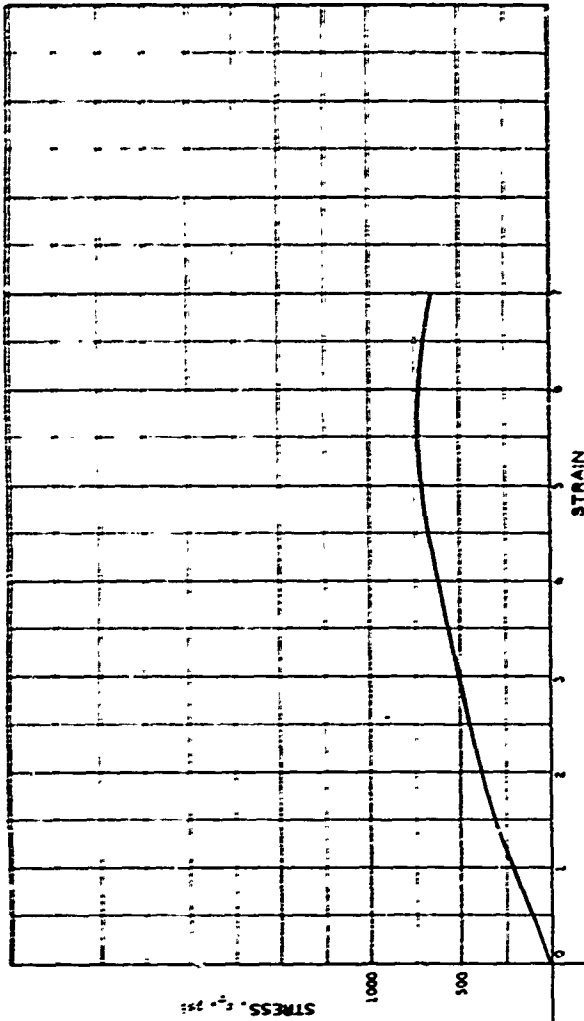
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Ge Tech 3-602;	
CONTRACT NO.		DMS499-67-C-0031	
AREA			
BORING NO.	SAMPLE NO. 186		
DEPTH	DATE		
EL	PL	15	PI 12
DESCRIPTION McCormick Ranch Sand			
Constant Stress Ratio, 0.6			
Initial Pressure, 0 psi			

WATER CONTENT	W	10.82	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	93.66	%
DRY DENSITY	γ	124.37	PCF
WET DENSITY	γ	137.38	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	1.59	CM



HYDROSTATIC COMPRESSION PHASE

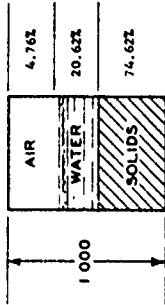


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

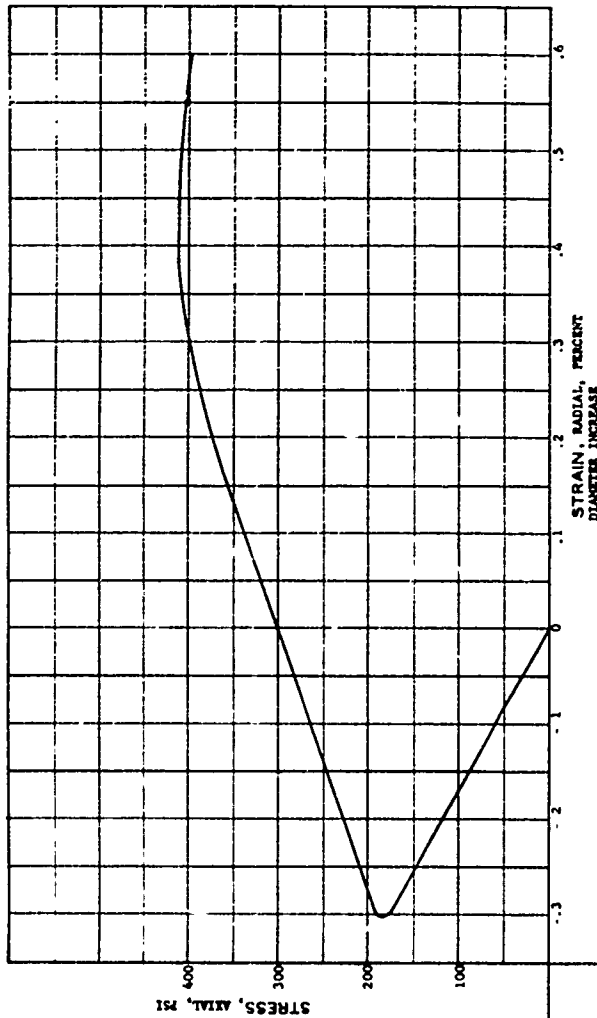
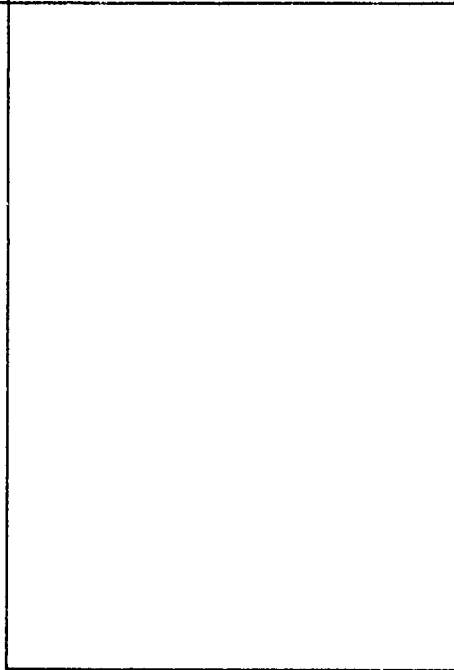
HYDROSTATIC PRESSURE, p, PSI

PROJECT	Ga Tech B-4021	
CONTRACT NO.	DACW39-47-C-0051	
AREA		
BORING NO.	SAMPLE NO. 186	
DEPTH	DATE	
ELL	PL 15	PL 12
LL 27		
DESCRIPTION	McCormick March Sand	
Constant Stress Ratio	0.6	
Initial Pressure	0 psi	

WATER CONTENT	W	10.34	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	81.23	%
DRY DENSITY	γ_d	124.33	PCF
WET DENSITY	γ	137.19	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.54	CM

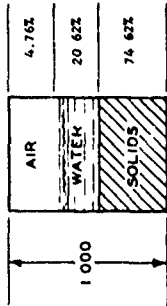


HYDROSTATIC COMPRESSION PHASE

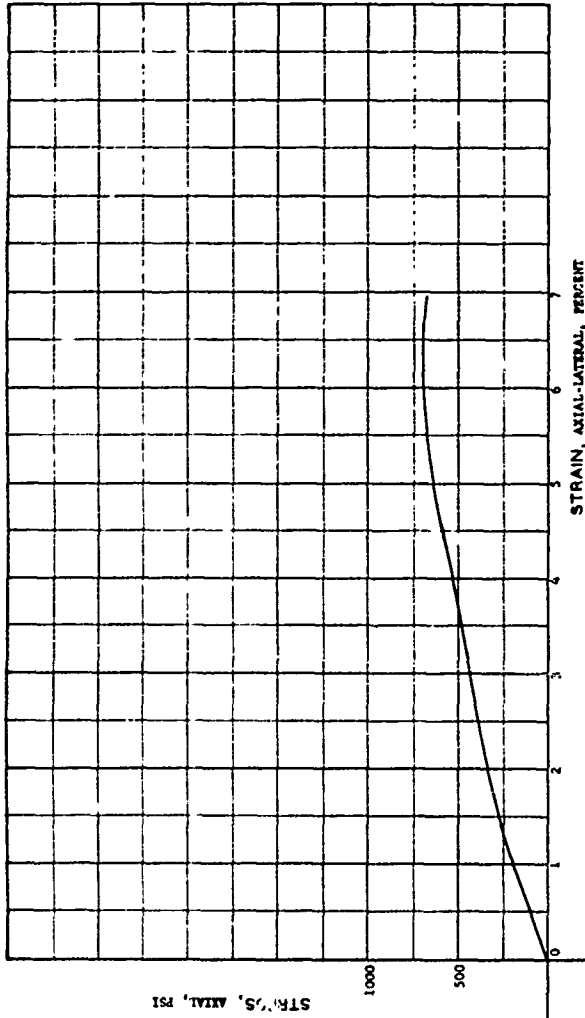


PROJECT Ca. Tech 3-602:	
Contract No. DMC39-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 187
DEPTH	DATE
EL	
PL 27	PL 15
	PI 12
DESCRIPTION McComack Ranch Sand	
Constant Stress Ratio, 0.6	
Initial Pressure, 0 psi	

WATER CONTENT	W	10.34 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.23 %
DRY DENSITY	γ_d	124.33 PCF
WET DENSITY	γ	137.19 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.54 CM



HYDROSTATIC COMPRESSION PHASE

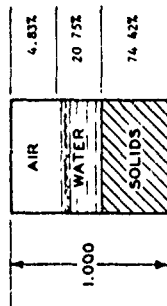


HYDRA STATIC PRESSURE, p , PSI

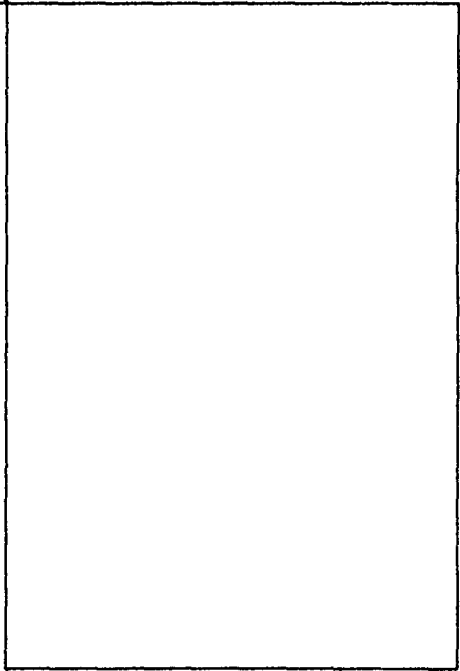
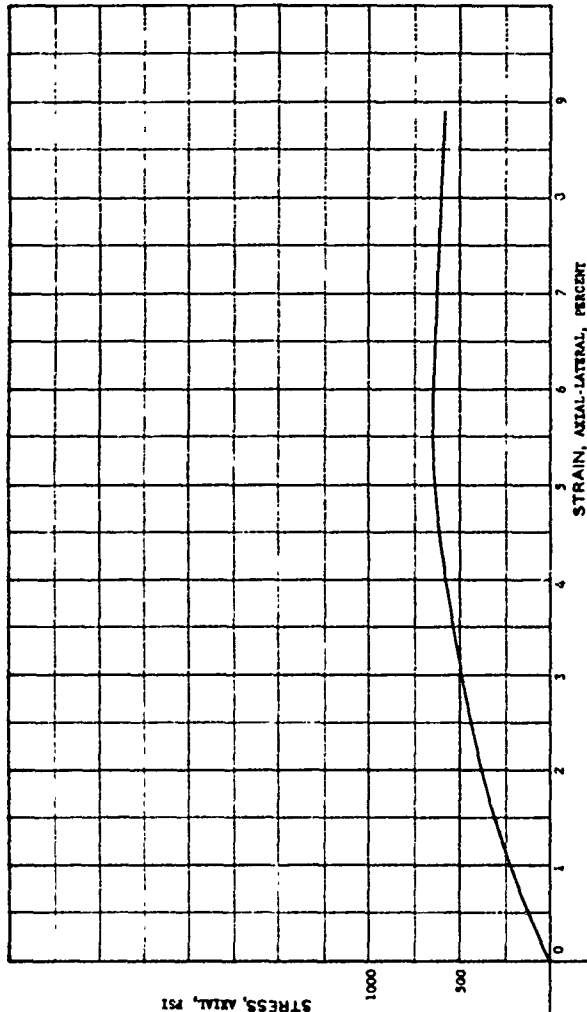
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Ca Tech B-602.		
Contract No. DAC439-67-C-0031		
AREA		
BORING NO.	SAMPLE NO. 187	
DEPTH	DATE	
EL.		
LL 27	PL 15	PI 12
DESCRIPTION McCormick Ranch Sand		
Constant Stress Ratio, 0.6		
Initial Pressure, 0 psi		

WATER CONTENT	W	10.44 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.11 %
DRY DENSITY	γ_d	123.99 PCF
WET DENSITY	γ	136.94 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.54 CM



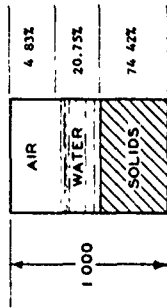
HYDROSTATIC COMPRESSION PHASE



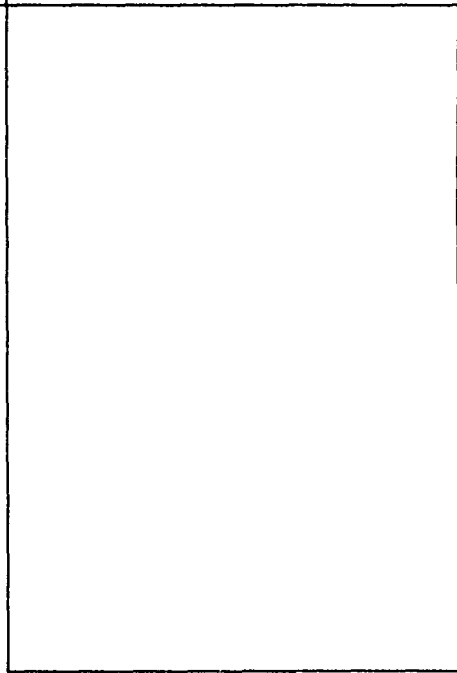
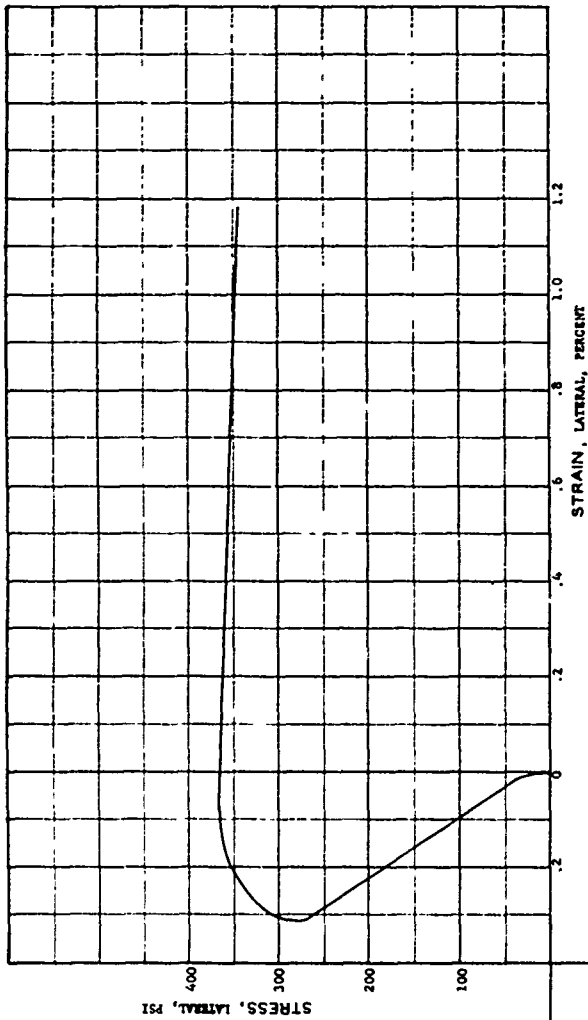
154

PROJECT <u>Gr. Imp. B. 602</u>	
Contract No. <u>DACA39-67-C-0031</u>	
AREA	
BORING NO.	<u>SAMPLE NO. 188</u>
DEPTH	
EL	DATE
LL <u>27</u>	PL <u>13</u>
	PI <u>12</u>
DESCRIPTION <u>McComick Branch Stud.</u>	
Constant Stress Ratio, <u>0.6</u>	
Initial Pressure, <u>0</u> psi	

WATER CONTENT	W	10.44 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.11 %
DRY DENSITY	γ_d	123.99 PCF
WET DENSITY	γ	136.94 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.54 CM



HYDROSTATIC COMPRESSION PHASE

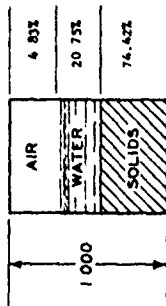


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

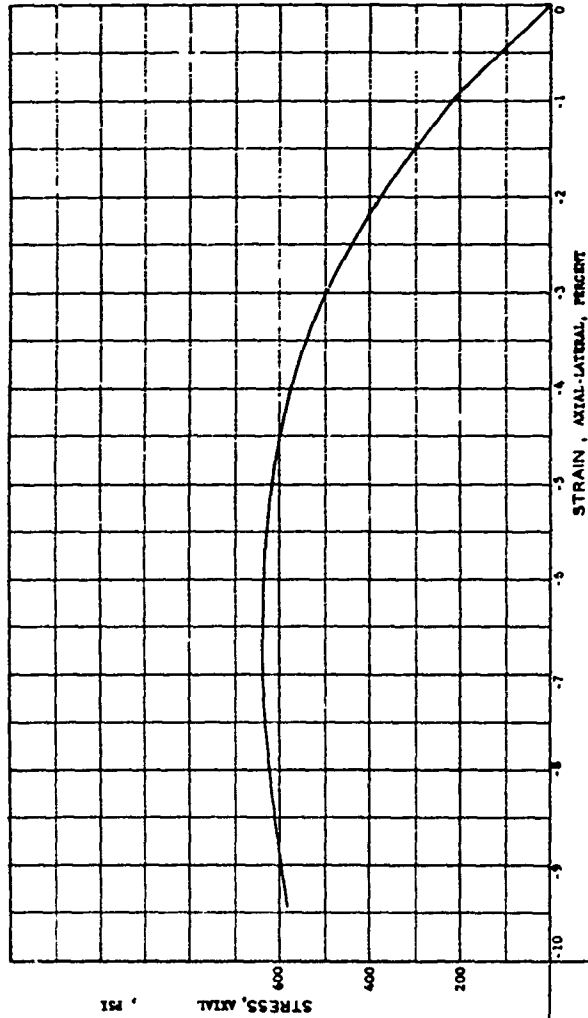
HYDROSTATIC PRESSURE, p, PSI

PROJECT <u>Gr Tech B-402</u>	
Contract No. <u>DMAJ9-67-C-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>188</u>
DEPTH	DATE
EL	
LL <u>27</u>	PL <u>15</u> PI <u>12</u>
DESCRIPTION <u>McCormick Ranch Sand</u>	
Constant Stress Ratio, <u>0.6</u>	
Initial Pressure, <u>0.1</u>	

WATER CONTENT	W	10.44 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.11 %
DRY DENSITY	γ_d	122.99 PCF
WET DENSITY	γ	136.94 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.54 CM



HYDROSTATIC COMPRESSION PHASE

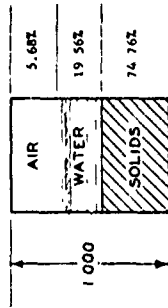


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

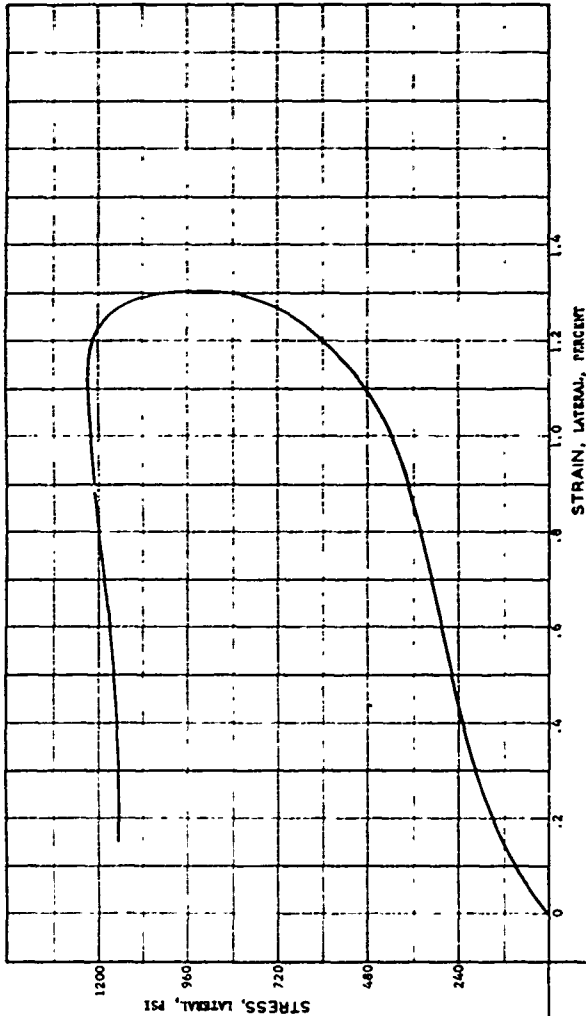
HYDROSTATIC PRESSURE, P, PSI

PROJECT		Ga Tech 9-602	
Contract No.		DMS039-87-C-0031	
AREA			
BORING NO.	SAMPLE NO.		188
DEPTH	DATE		
EL	PL	13	PI 12
DESCRIPTION			
McCormick Ranch Sand			
Constant Stress Ratio, 0.4			
Initial Pressure, 0 psi			

WATER CONTENT	W	9.80	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	77.48	%
DRY DENSITY	γ_d	124.55	PCF
WET DENSITY	γ	136.75	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.26	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

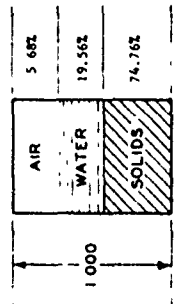
PROJECT Georgia Institute of Technology B-402
 Contract No. DMA39-67-C-0051

AREA _____ SAMPLE NO. 163
 BORING NO. _____ DATE _____
 DEPTH _____
 EL _____ PL 15 PI 12

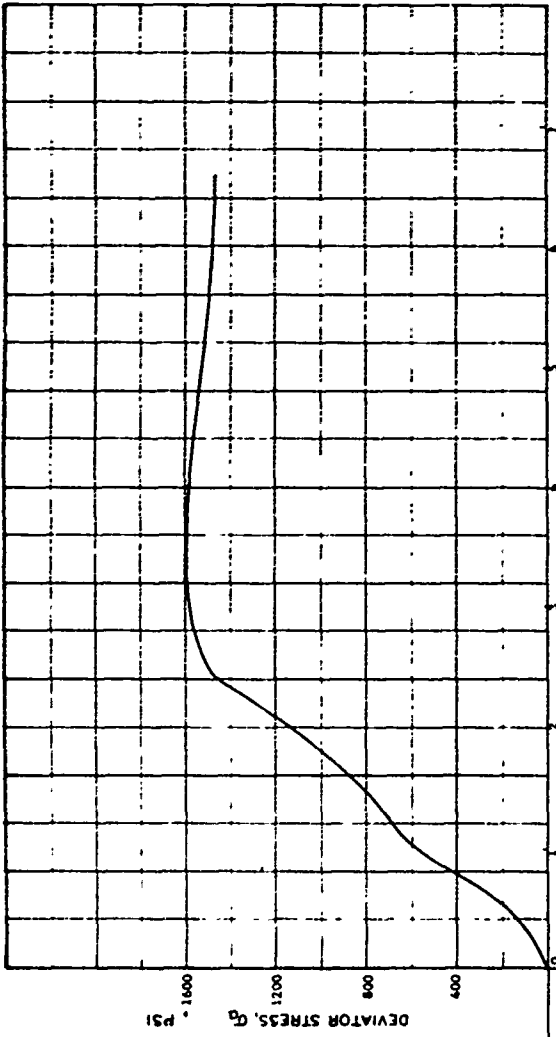
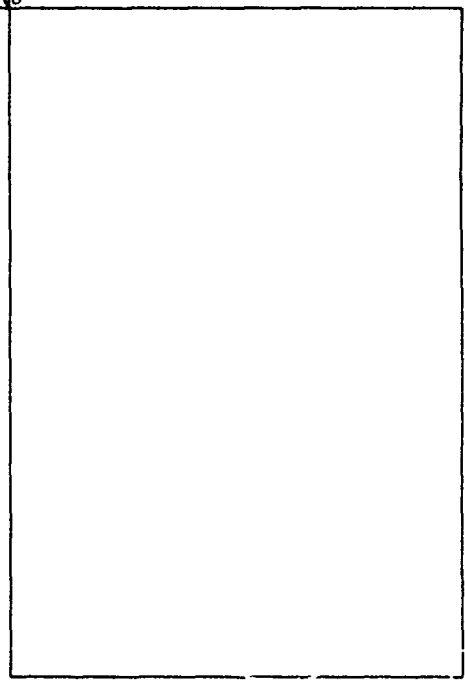
DESCRIPTION McCormick Ranch Land
 Constant Stress Ratio, 0.8
 Initial Pressure, 0 PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	9.80	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	77.68	%
DRY DENSITY	γ_d	124.55	PCF
WET DENSITY	γ	136.75	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_c	3.30	CM
SPECIMEN HEIGHT	H_0	7.26	CM



HYDROSTATIC COMPRESSION PHASE



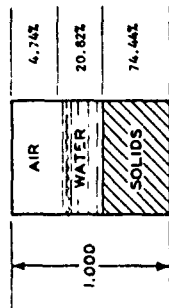
TRIAxIAL SHEAR PHASE

PROJECT Georgia Institute of Technology 8-602
 Contract No. DACW33-67-C-0031

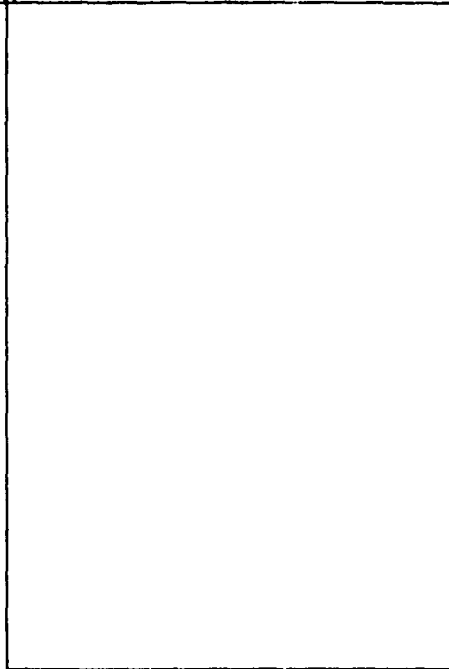
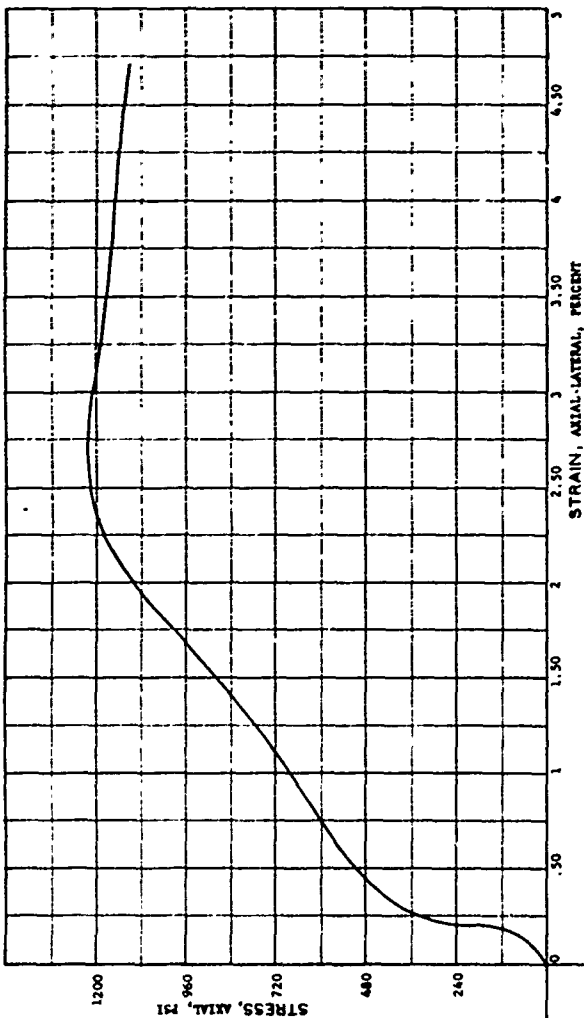
AREA _____ SAMPLE NO. 143
 BORING NO. _____ DEPTH _____ DATE _____
 E.L. _____ PL 27 PL 15 PL 12

DESCRIPTION McGinnick Beach Sand
 Constant Stress Ratio, σ_3/σ_1
 Initial Pressure, 0.281

WATER CONTENT	W	10.47 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.46 %
DRY DENSITY	γ_d	124.03 PCF
WET DENSITY	γ	137.02 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE

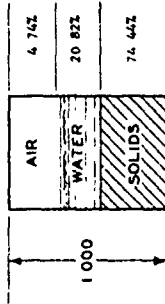


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

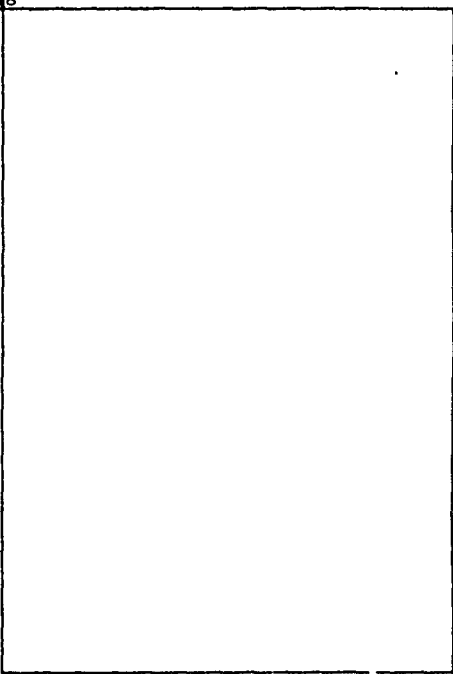
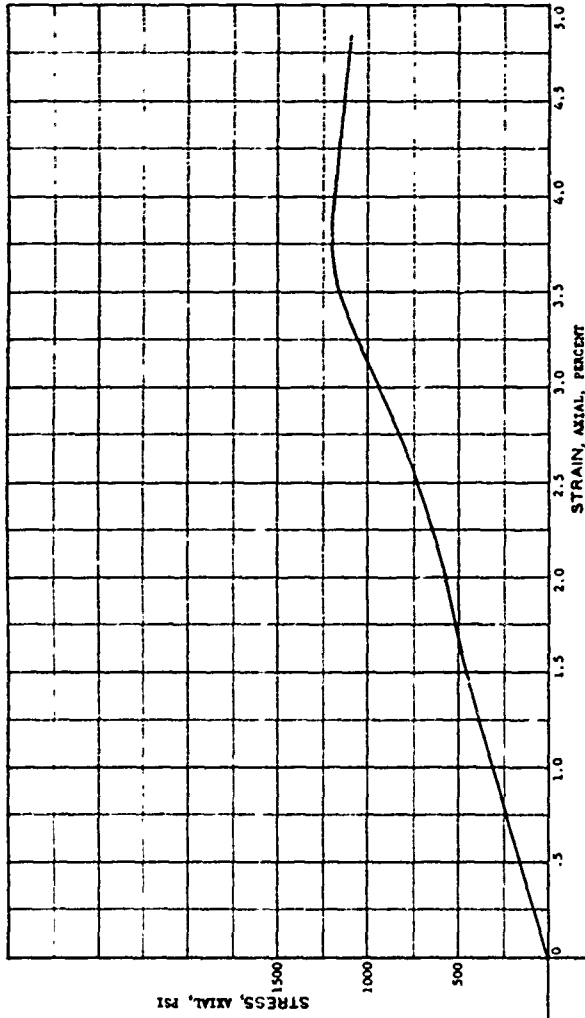
HYDROSTATIC PRESSURE, P, PSI

PROJECT Ga Tech R-4021	
Contract No. DACW39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 165
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCormick Ranch Sand	
Contract Ratio, 0.8	
Initial Pressure, 0 psi	

WATER CONTENT	W	10.67 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.46 %
DRY DENSITY	γ_d	126.03 PCF
WET DENSITY	γ	137.02 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM

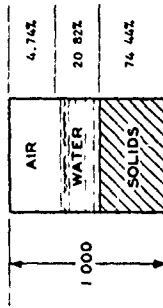


HYDROSTATIC COMPRESSION PHASE

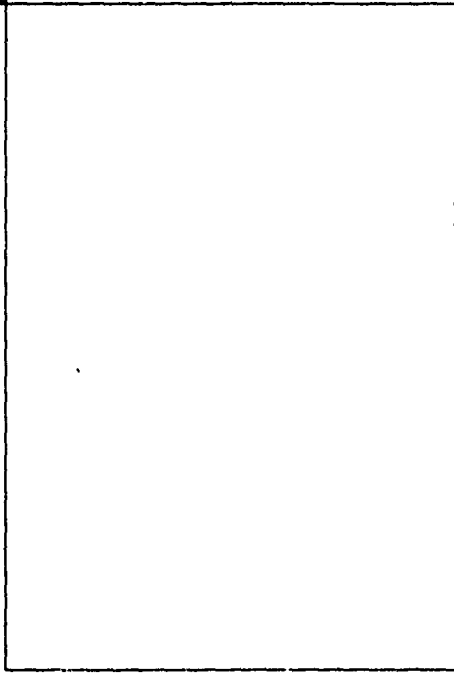
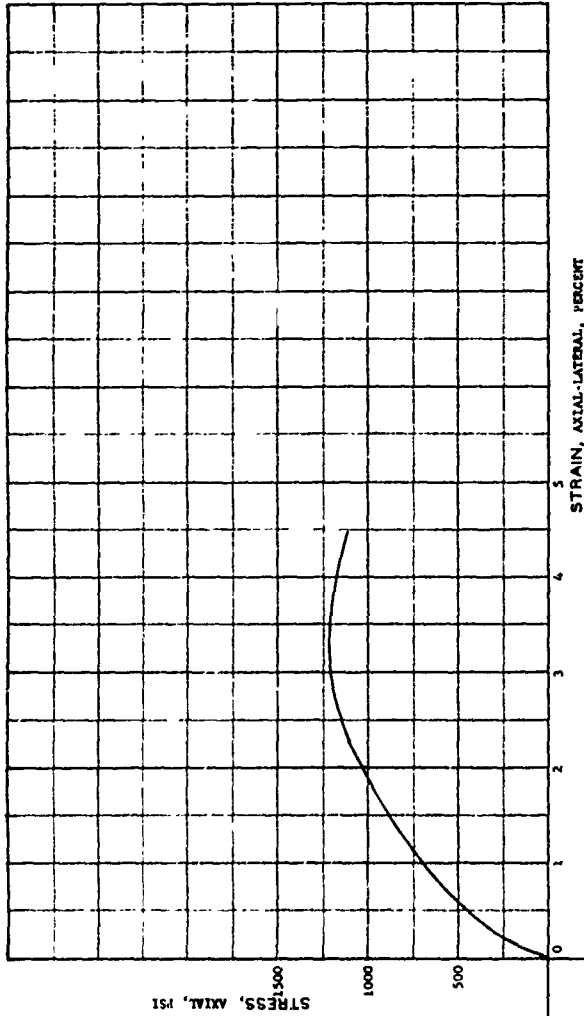


PROJECT	Ga Tech B-602	
AREA	Contract No. DACW32-67-C-0051	
SORING NO.	SAMPLE NO.	165
DEPTH	DATE	
EL	PL	15
LL	PI	12
DESCRIPTION	McCormack Ranch Sand	
	Constant Ratio, 0.8	
	Initial Pressure, 0 psi	

WATER CONTENT	W	10.47 %
VOID RATIO	e_0	0.34
SATURATION	S_0	81.46 %
DRY DENSITY	γ_d	124.03 PCF
WET DENSITY	γ	137.02 PCF
SPECIFIC GRAVITY	G_s	2.67
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	7.53 CM



HYDROSTATIC COMPRESSION PHASE

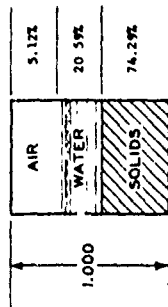


VOLUMETRIC STRAIN, $\Delta V/V$, PERCENT

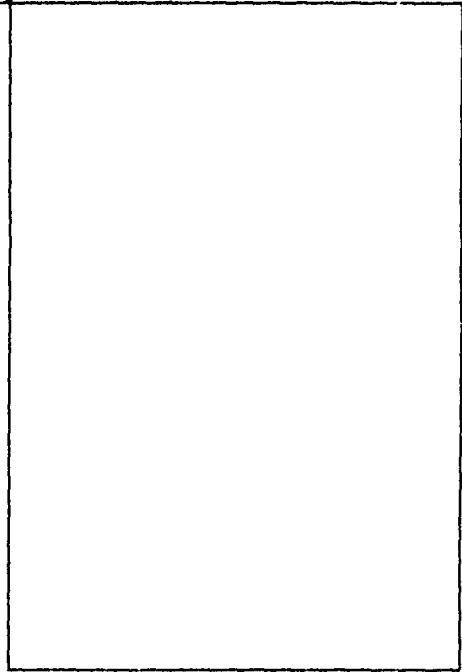
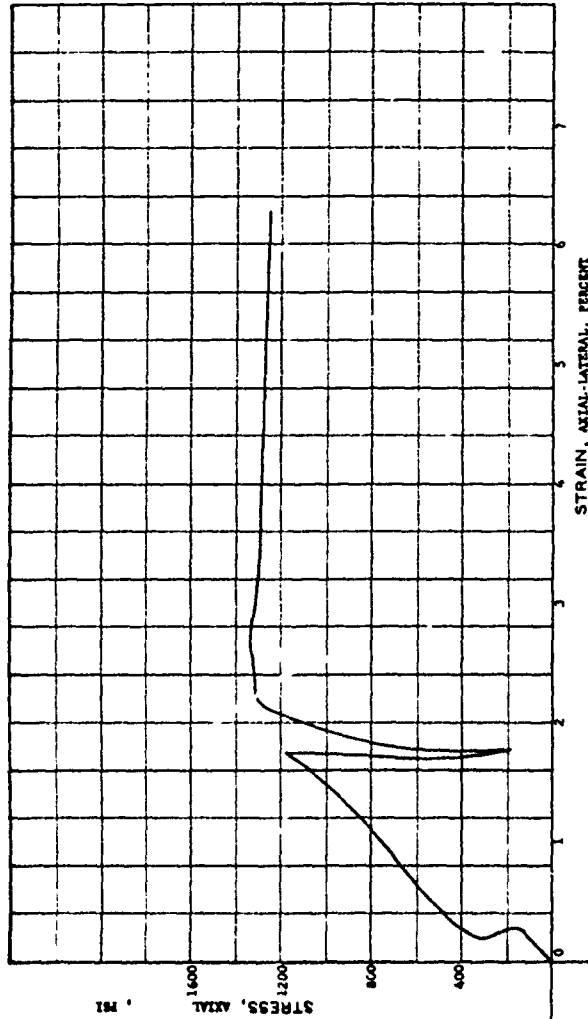
HYDROSTATIC PRESSURE, p , PSI

PROJECT Ga Tech B-602	
Contract No. DACW39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 163
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McGiblick Ranch Sand	
Constant Ratio, 0.8	
Initial Pressure, 0 psi	

WATER CONTENT	W	10.38	%
VOID RATIO	e_v	0.35	
SATURATION	S_w	80.07	%
DRY DENSITY	γ_d	133.77	PCF
WET DENSITY	γ	136.61	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.31	CM
SPECIMEN HEIGHT	H_0	7.33	CM



HYDROSTATIC COMPRESSION PHASE



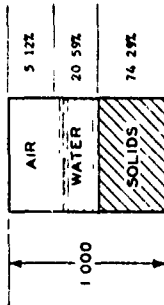
PROJECT Georgia Institute of Technology, B-602
 Contract No. DACA32-67-C-0021

AREA _____

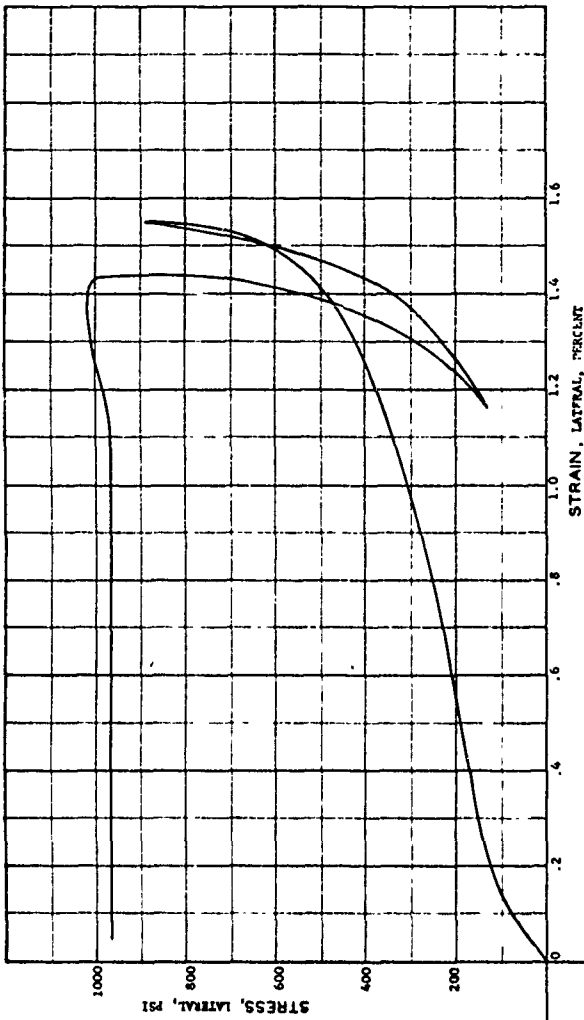
BORING NO. _____ SAMPLE NO. 166
 DEPTH _____ DATE _____
 EL. _____ PL 15 PI 12

DESCRIPTION McComick Ranch Sand
 Constant Stress Ratio, 0.8
 Initial Pressure, 0 psi

WATER CONTENT	W	10.38	%
VOID RATIO	e_0	0.35	
SATURATION	S_0	80.07	%
DRY DENSITY	γ_d	123.77	PCF
WET DENSITY	γ	136.61	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology B-602
 Conference No. DAC4387-C-0051

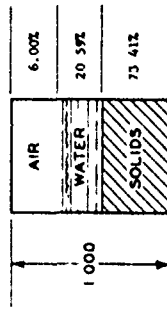
AREA _____

BORING NO. _____ SAMPLE NO. 166
 DEPTH _____ DATE _____
 EL. _____

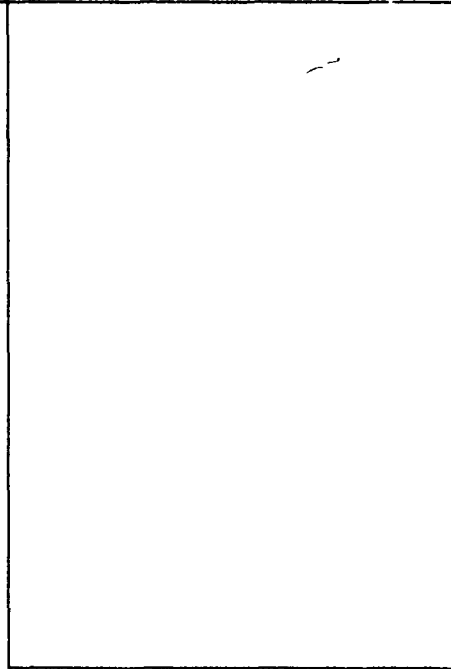
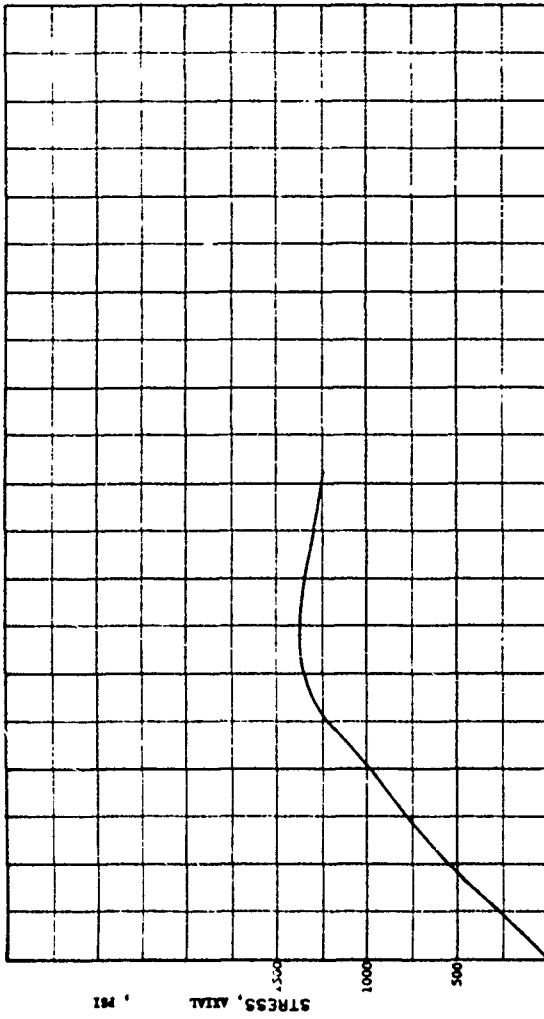
LL 27 PL 15 PI 12

DESCRIPTION JMcGowan Ranch Sand
 Constant Stress Ratio, 0.0
 Initial Pressure, 0 psi

WATER CONTENT	W	10.50	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	77.44	%
DRY DENSITY	γ_d	122.31	PCF
WET DENSITY	γ	135.16	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.51	CM
SPECIMEN HEIGHT	H_0	7.53	CM



HYDROSTATIC COMPRESSION PHASE

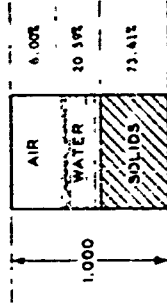


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

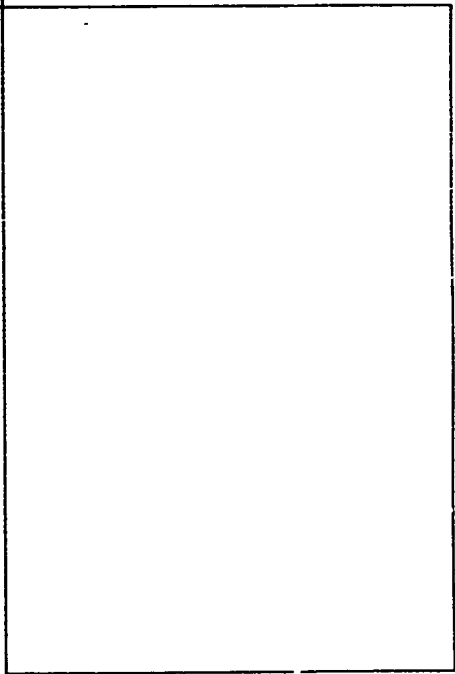
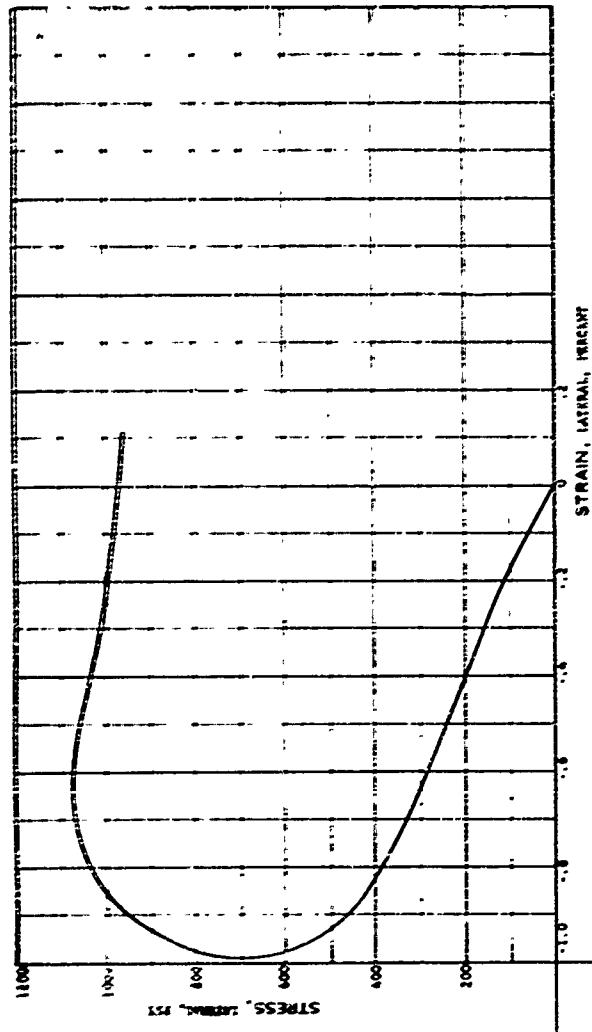
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Ga. Tech. B-602		
AREA	Contract No. DAC439-87-C-0031		
BORING NO.	SAMPLE NO. 170		DATE
DEPTH	PL 13	PI 12	
DESCRIPTION	McComick Bench Sand		
	Constant stress Ratio, 0.8		
	Initial Pressure, 0 psi		

WATER CONTENT	W	10.30	%
VOID RATIO	e_0	0.36	
SATURATION	S_0	77.46	%
DRY DENSITY	γ_s	122.31	PCF
WET DENSITY	γ	133.16	PCF
GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.31	CM
SPECIMEN HEIGHT	H_0	7.31	CM



HYDROSTATIC COMPRESSION PHASE

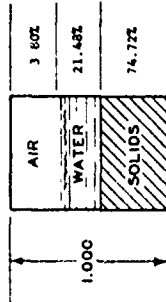


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

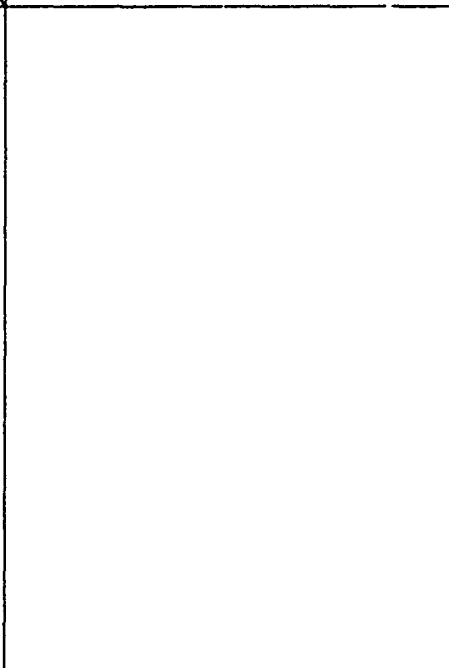
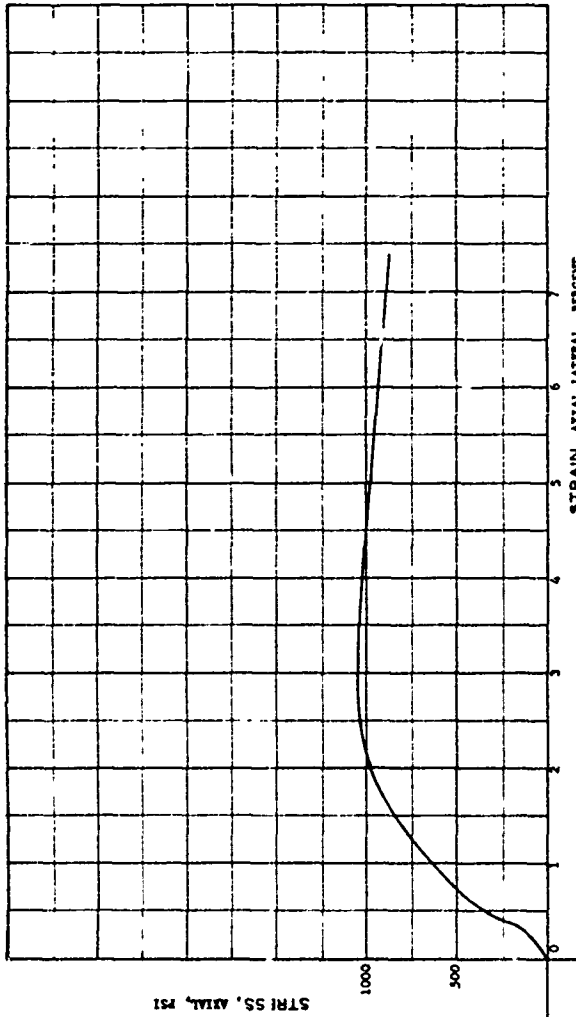
HYDROSTATIC PRESSURE, p, PSI

PROJECT	Ga. Trunkline, 402	
	Contract No. DCA39-07-C-0031	
AREA		
BORING NO.		SAMPLE NO. 170
DEPTH		DATE
EL.		
LL	27	PL 13
		PI 13
DESCRIPTION	McCormick Ranch Sand	
	Constant Stress Ratio, 0.8	
	Initial Pressure, 0 psi	

WATER CONTENT	W	10.76	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	84.96	%
DRY DENSITY	γ_d	126.49	PCF
WET DENSITY	γ	137.89	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE

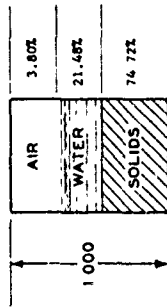


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

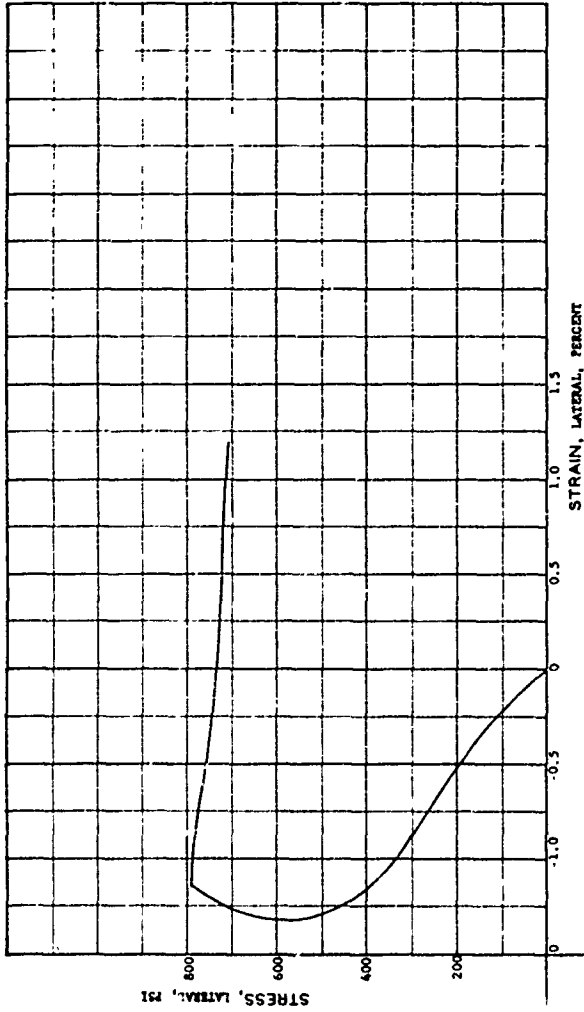
HYDROSTATIC PRESSURE, P, PSI

PROJECT	Ca Tech B-602.	
	Contract No. DMCAD9-67-C-0051	
AREA		
BORING NO.	SAMPLE NO. 103	
DEPTH	DATE	
EL	PL 15	PI 12
DESCRIPTION	McCormick Ranch Sand	
	Constant Stress Ratio, 0.8	
	Initial Pressure, 0 psi	

WATER CONTENT	W	10.76	%
VOID RATIO	e_0	0.34	
SATURATION	S_0	84.96	%
DRY DENSITY	γ_d	124.49	PCF
WET DENSITY	γ	137.89	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

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PROJECT Ga Tech B-602:	
Contract No. DAC49-67-C-0031	
AREA	
BORING NO.	SAMPLE NO 183
DEPTH	DATE
EL	
LL 27	PL 15
	PI 12
DESCRIPTION McCoskie Ranch Sand	
Constant Stress Ratio, 0.8	
Initial Pressure, 0 psi	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

Vertical text on the right edge of the page, likely a page number or reference code.

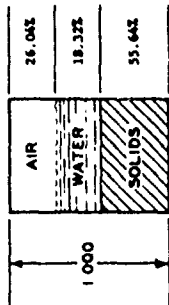
Group A
Triaxial Tests

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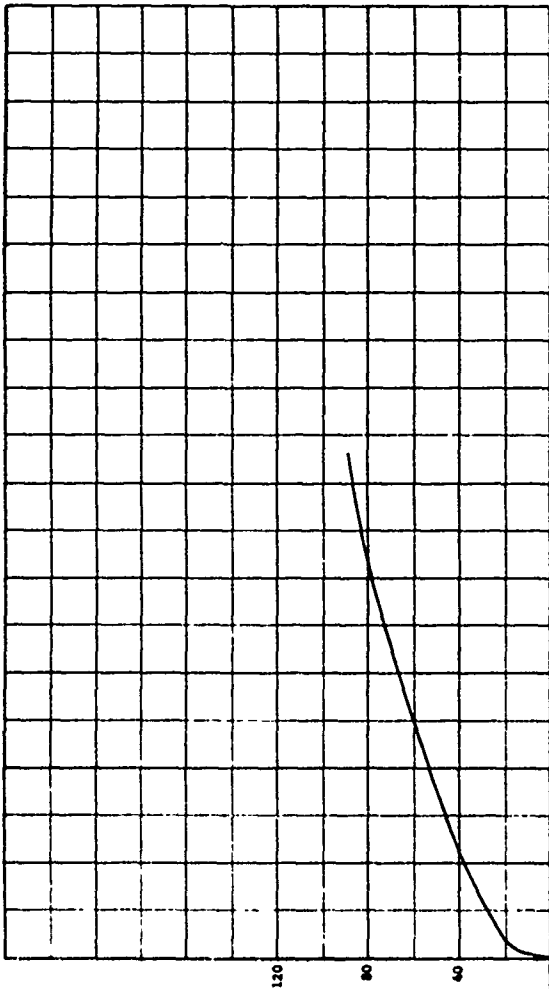
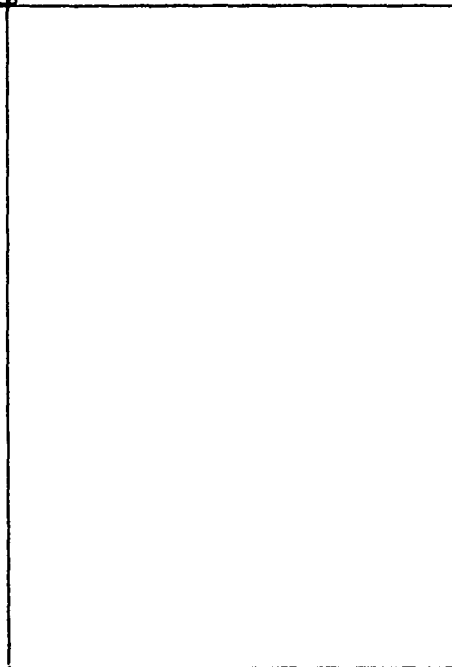
Group A
Triaxial Tests

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WATER CONTENT	W	12.19	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.29	%
DRY DENSITY	γ_d	93.74	PCF
WET DENSITY	γ	105.16	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

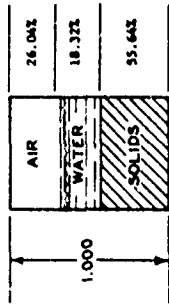


TRIAxIAL SHEAR PHASE

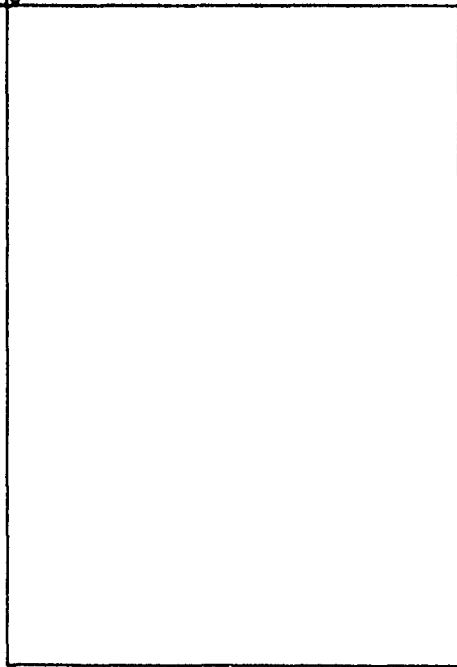
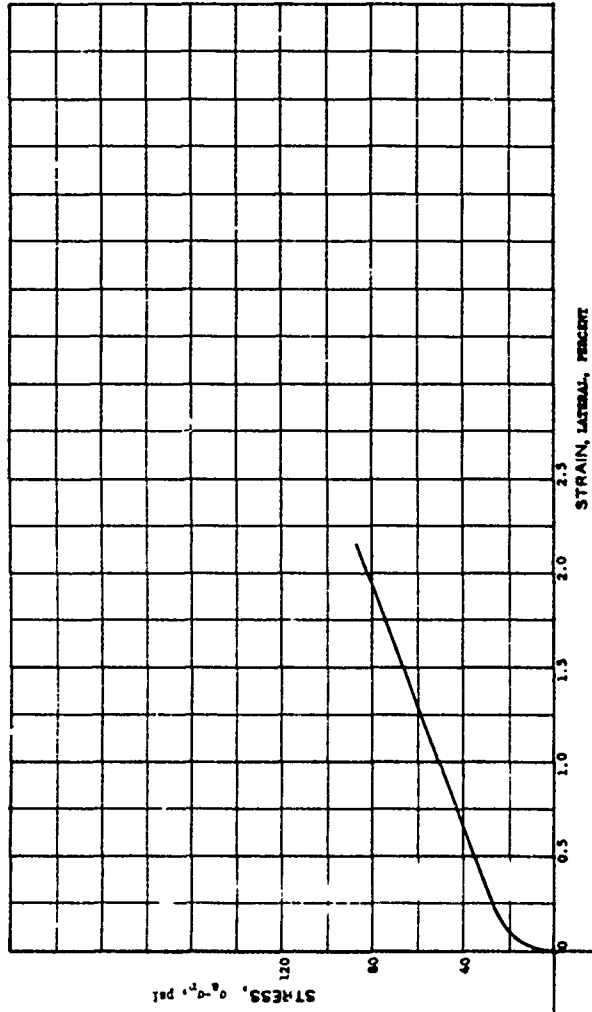
PROJECT <u>Ge Tech 3-602:</u>	
CONTRACT NO. <u>DMA33-66-G-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>220</u>
DEPTH	DATE
ELL	
LL <u>36</u>	PL <u>17</u>
	P1 <u>19</u>
DESCRIPTION <u>Washing Mill Clay</u>	

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WATER CONTENT	W	12.19	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	61.29	%
DRY DENSITY	γ_d	93.74	PCF
WET DENSITY	γ	105.18	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



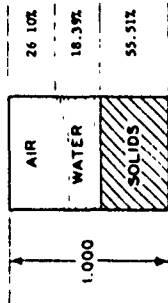
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p, PSI

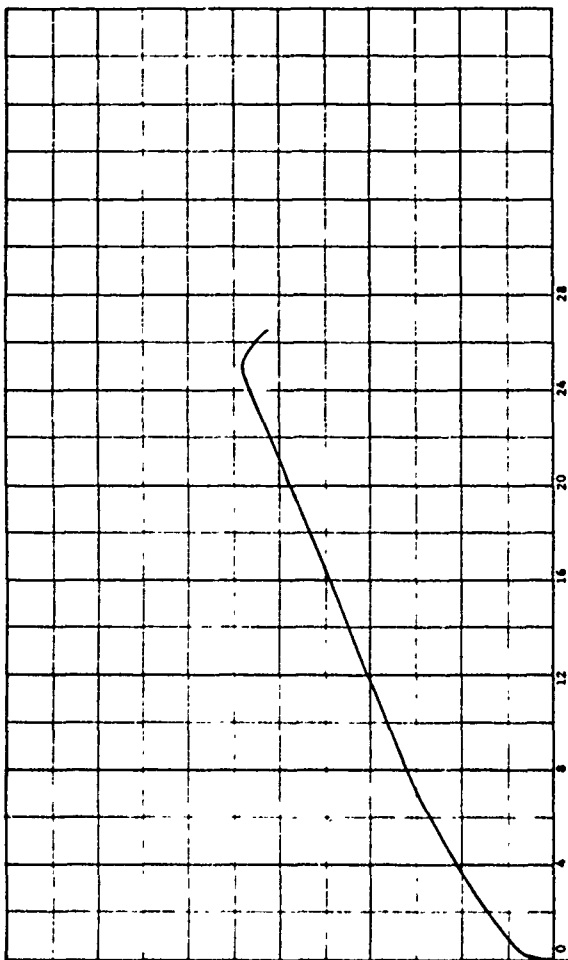
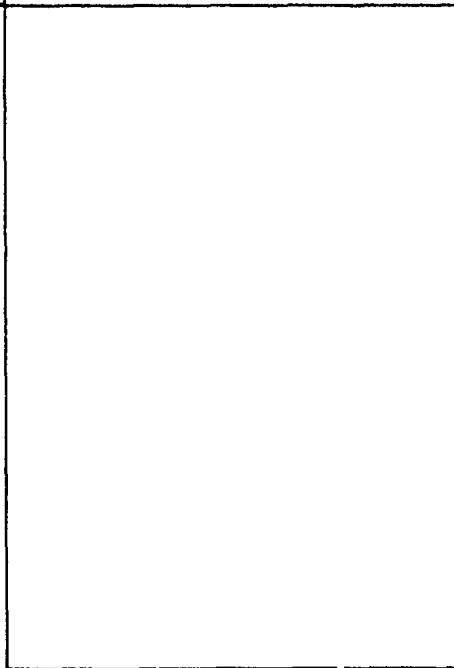
174

PROJECT <u>SA. Impl. B-602</u>		CONTRACT NO. <u>DMCA317-C-5031</u>	
AREA		SAMPLE NO. <u>220</u>	
BORING NO.	DEPTH	DATE	
LL	PL	PI	19
DESCRIPTION <u>Middle Hill Clay</u>			

WATER CONTENT	W	12.27 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.35 %
DRY DENSITY	γ_d	93.53 PCF
WET DENSITY	γ	105.01 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

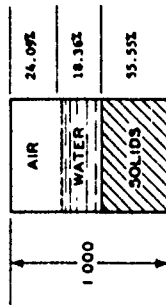
PROJECT: Ge Tech 2-602
 Contract No. DMC32-67-C-0031

AREA: _____

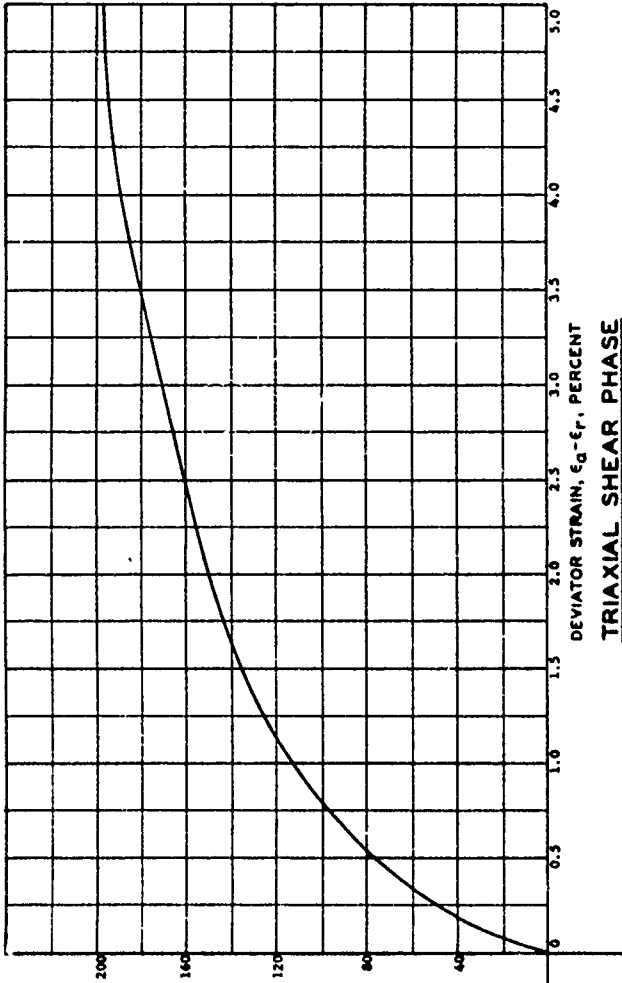
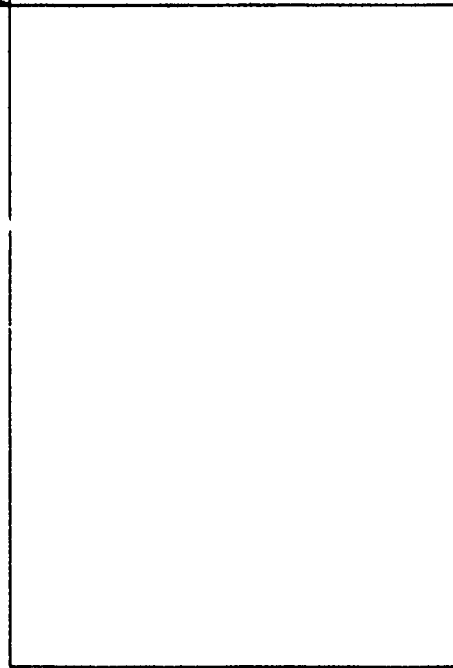
BORING NO. _____ SAMPLE NO. 222
 DEPTH _____ DATE _____
 LL 36 PL 17 PI 19

DESCRIPTION: Washing Hill City

WATER CONTENT	W	12.24	%
VOID RATIO	e_0	0.80	
SATURATION	S_b	41.30	%
DRY DENSITY	γ_d	93.60	PCF
WET DENSITY	γ	105.05	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

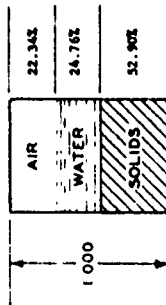


HYDROSTATIC PRESSURE, p , PSI

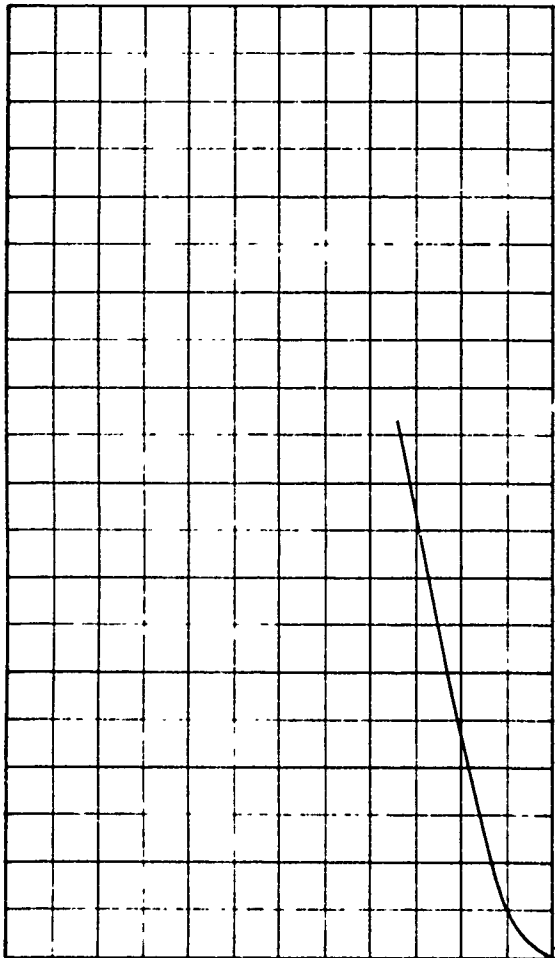
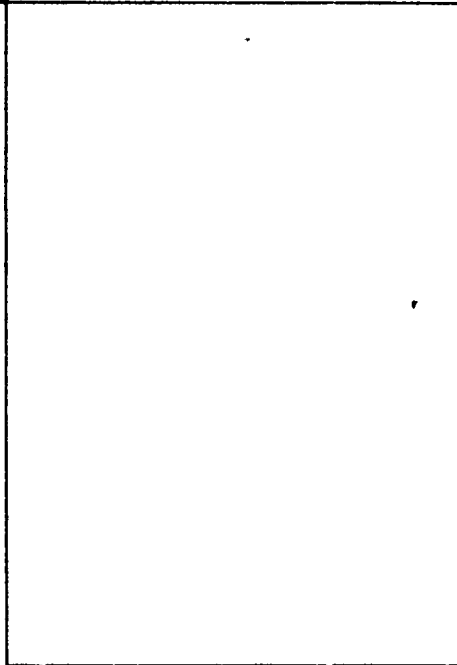
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT <u>Georgia Institute of Technology B-602</u>	
Contract No. <u>MCJ39-67-C-0031</u>	
AREA	
BORING NO.	SAMPLE NO. <u>233</u>
DEPTH	DATE
EL	
LL <u>36</u>	PL <u>17</u>
	PI <u>19</u>
DESCRIPTION <u>MACOMBS HILL CLAY</u>	

WATER CONTENT	W	17.33	%
VOID RATIO	e_0	0.89	
SATURATION	S_0	52.56	%
DRY DENSITY	γ_d	89.13	PCF
WET DENSITY	γ	104.58	PCF
SPECIFIC GRAVITY	G_s	2.70	
COEFFICIENT OF DIAPHRAGMATICITY	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.64	CM



HYDROSTATIC COMPRESSION PHASE

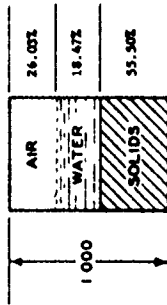


TRIAXIAL SHEAR PHASE

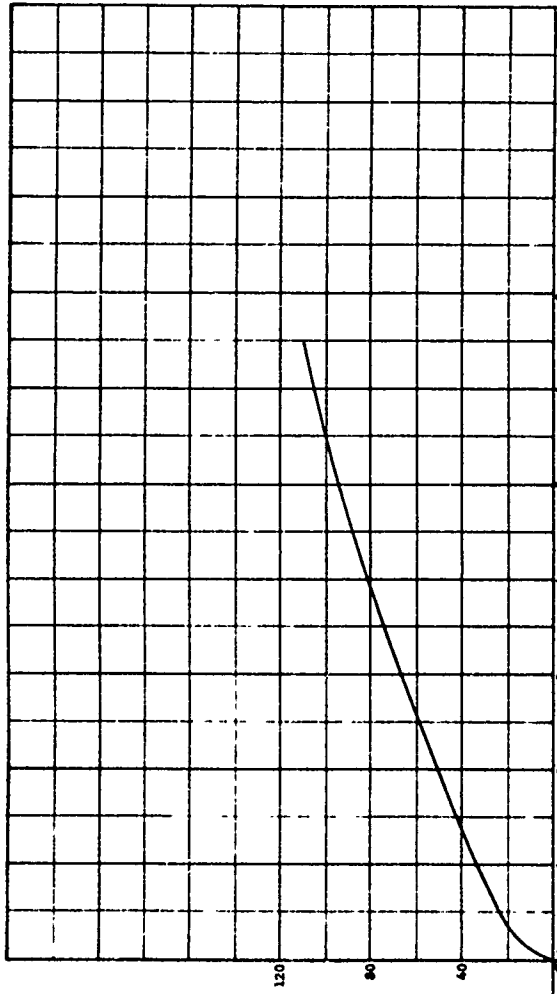
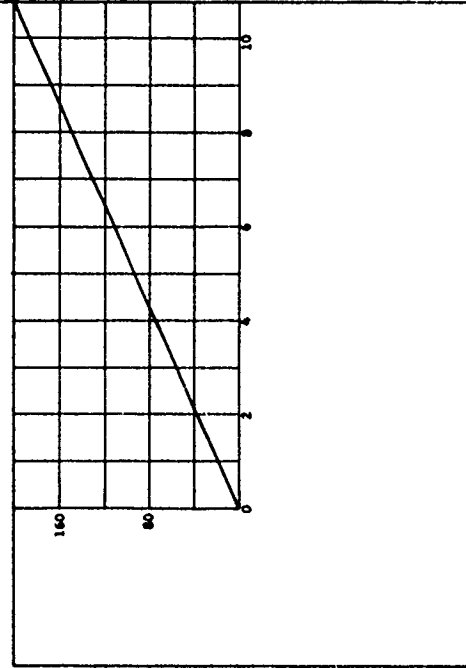
HYDROSTATIC PRESSURE, p , PSI

PROJECT <u>Georgia Institute of Technology B-602</u>	
Contract No. <u>DMC39-67-C-0051</u>	
AREA	
BORING NO.	SAMPLE NO. <u>215</u>
DEPTH	DATE
EL.	
LL <u>36</u>	PL <u>17</u>
	PI <u>19</u>
DESCRIPTION <u>WATCHDOG HILL CLAY</u>	

WATER CONTENT	W	12.33	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.32	%
DRY DENSITY	γ_d	93.31	PCF
WET DENSITY	γ	105.00	PCF
SPECIFIC GRAVITY	G_s	2.67	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Ga. Tech B-402;
 Contract No. DMS39-67-C-0031

AREA: _____

BORING NO. _____ SAMPLE NO. 212
 DEPTH _____ DATE _____
 E.L. _____

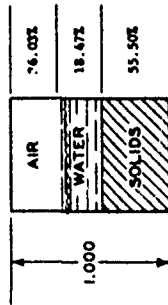
LL 36 PL 17 PI 19

DESCRIPTION: Weathering Mill Clay

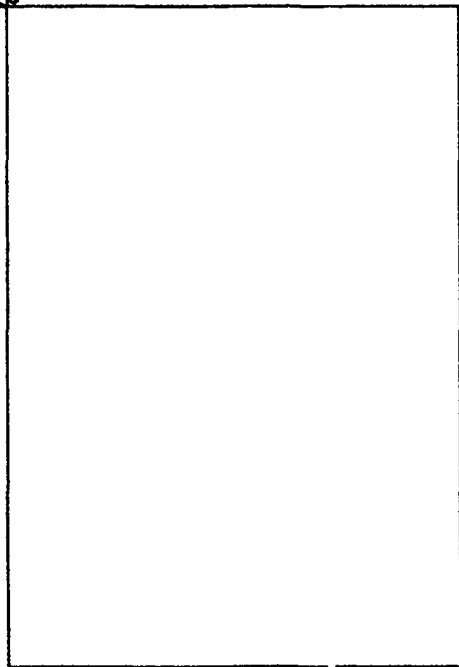
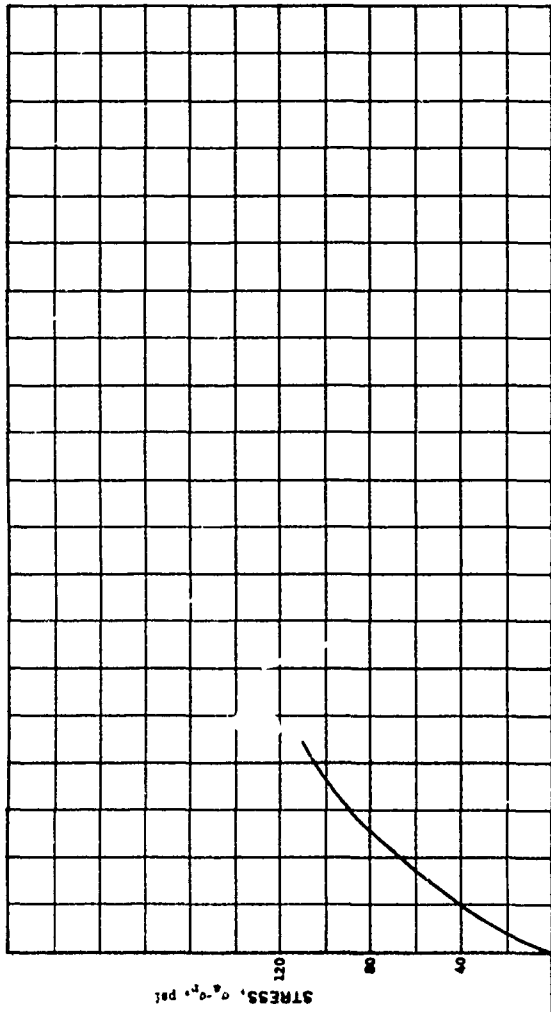
HYDROSTATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.33	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.52	%
DRY DENSITY	γ_d	93.51	PCF
WET DENSITY	γ	105.03	PCF
SPECIFIC GRAVITY	G_s	2.67	
COEFFICIENT OF PERMEABILITY	k_v	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM

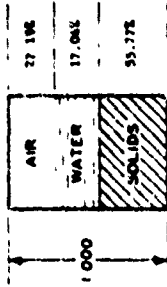


HYDROSTATIC COMPRESSION PHASE

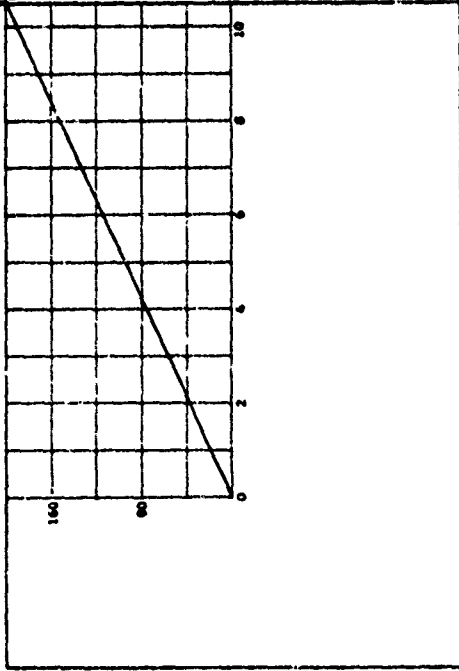


PROJECT		Ga Tech B-603:	
CONTRACT NO.		DM039-67-C-0031	
AREA	BORING NO.	SAMPLE NO. 312	
DEPTH	EL	DATE	
LL	36	PL	17
		PI	19
DESCRIPTION <u>Weathering Mill clay</u>			

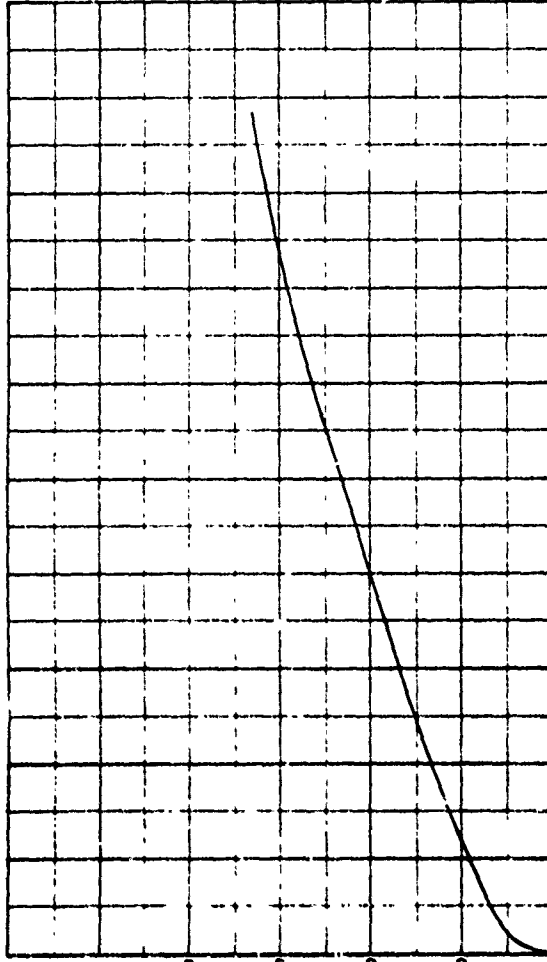
WATER CONTENT	W	11.31	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	34.52	%
DRY DENSITY	γ_d	99.97	PCF
WET DENSITY	γ	104.60	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC STRESS, q , PSI



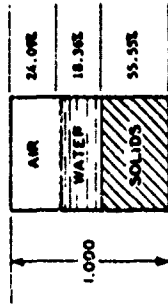
TRIAXIAL SHEAR PHASE

PROJECT ... Co Tech B-602,
Contract No. DMC39-67-C-0051

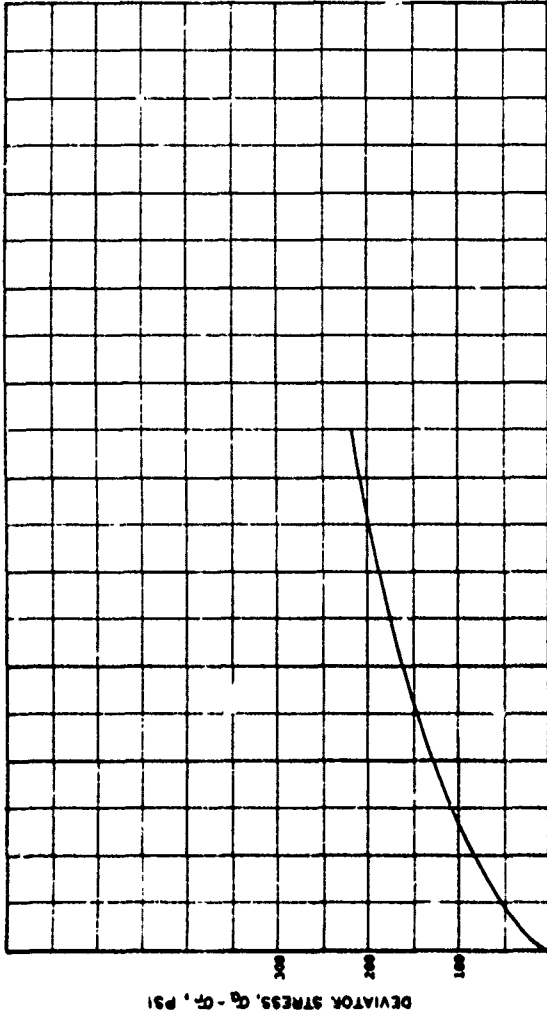
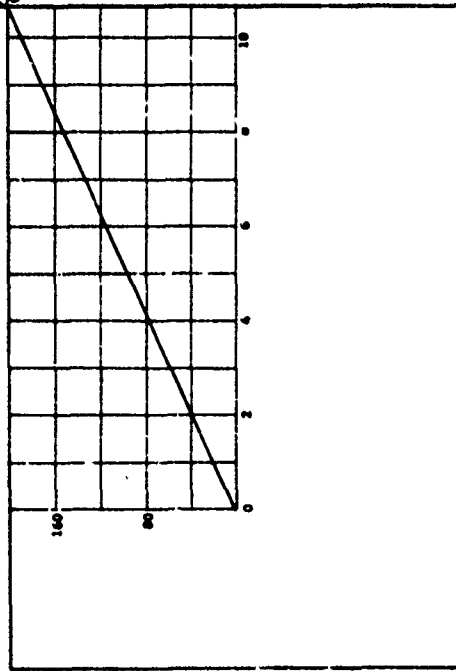
AREA _____ SAMPLE NO. 213
BORING NO. _____ DEPTH _____ DATE _____
E.L. _____ PL 17 PI 19

DESCRIPTION Washington Hill Clay

WATER CONTENT	W	12.24	%
VOID RATIO	e_0	0.80	
SATURATION	S_g	41.30	%
DRY DENSITY	γ_d	93.60	PCF
WET DENSITY	γ	105.05	PCF
SPECIFIC GRAVITY	G_s	2.70	
DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Conference No. DAC39-67-C-0051

AREA

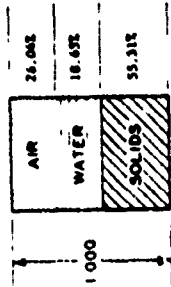
BORING NO. SAMPLE NO. 233
DEPTH DATE
ELL

LL 36 PL 17 PI 19

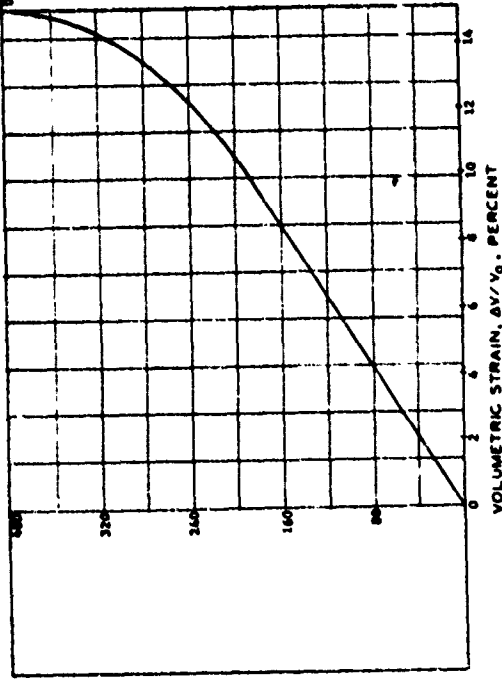
DESCRIPTION Machine Mill Clay

HYDROSTATIC COMPRESSION PHASE

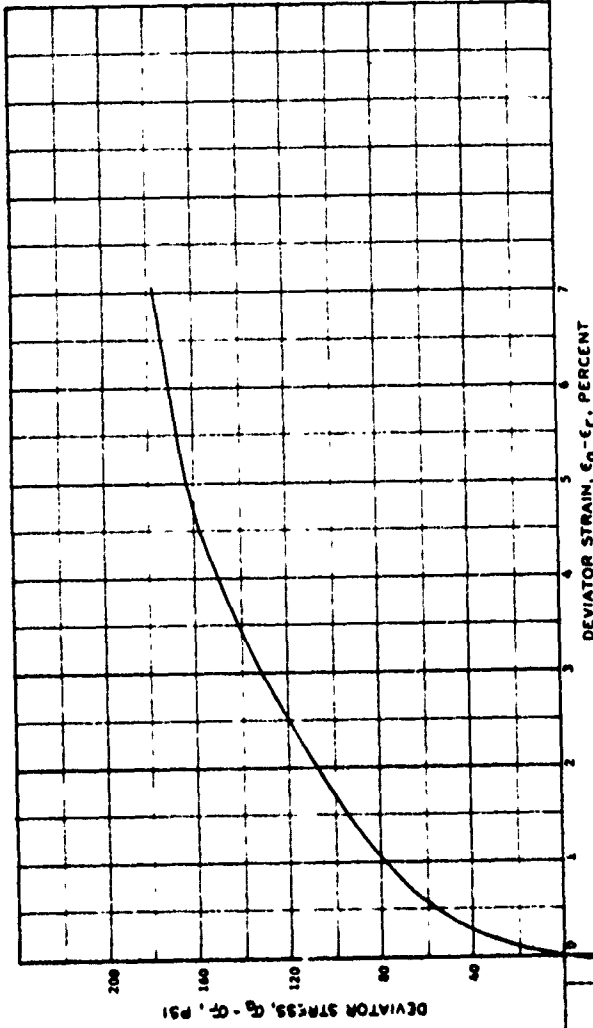
WATER CONTENT	W	12.49	%
VOID RATIO	e_v	0.81	
SATURATION	S_u	61.73	%
DRY DENSITY	γ	99.18	PCF
WET DENSITY	γ	106.82	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.90	CM
SPECIMEN HEIGHT	H_0	7.58	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p , PSF

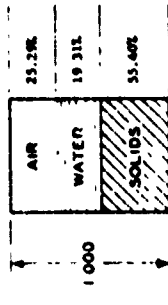


TRIAXIAL SHEAR PHASE

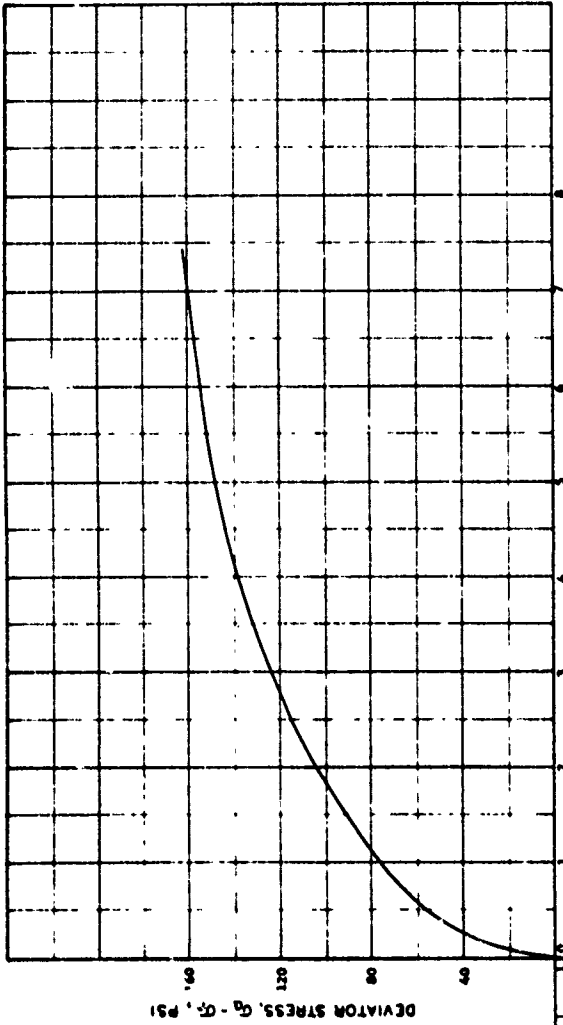
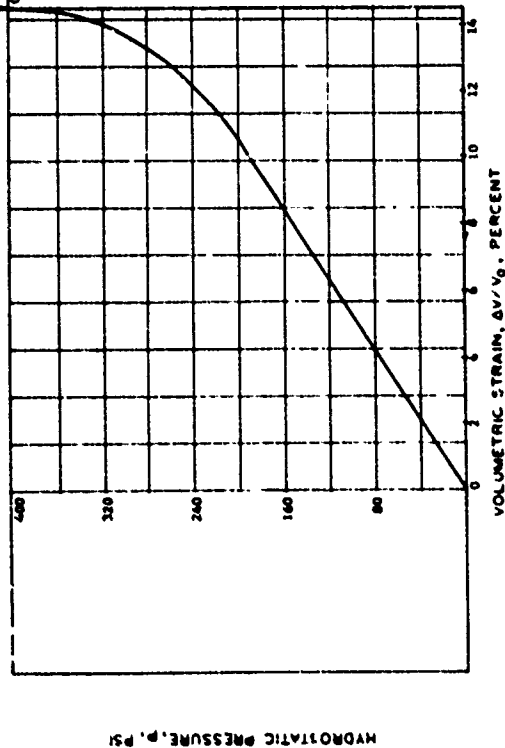
PROJECT Co Tech B-402
Contract No. DMS99-87-C-0051

AREA _____ SAMPLE NO. 211
BORING NO. _____ DATE _____
DEPTH _____ PL 36 PI 19
EL _____
DESCRIPTION Matching Mill Clay

WATER CONTENT	W	12.91	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	43.31	%
DRY DENSITY	γ_d	93.34	PCF
WET DENSITY	γ	109.99	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



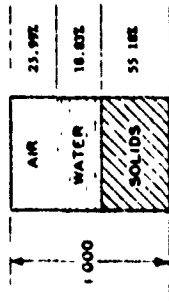
HYDROSTATIC COMPRESSION PHASE



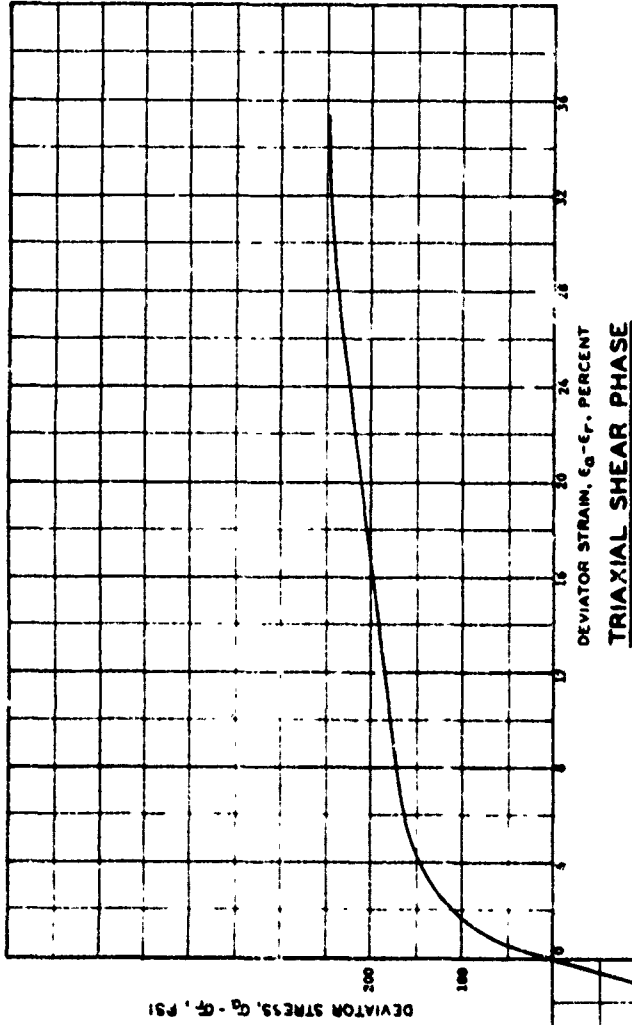
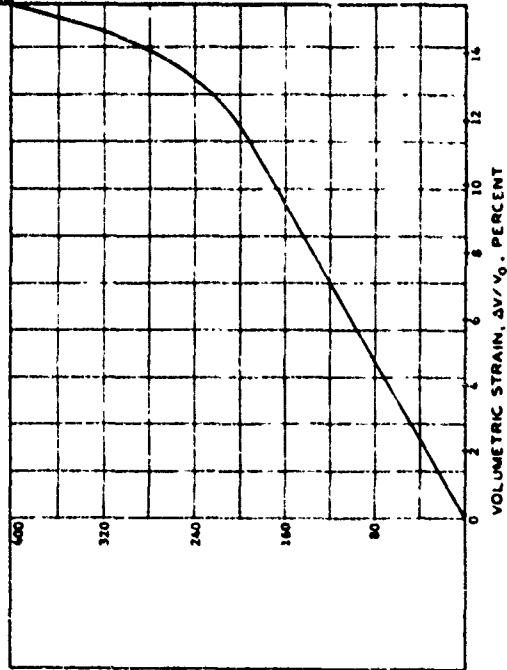
TRIAxIAL SHEAR PHASE

PROJECT	Co. Tech. B-402	
CONTRACT No.	DMCAN3-67-S-0031	
AREA		
BORING NO.		SAMPLE NO. 216
DEPTH		DATE
EL.		
LL	36	PL 17
		PI 19
DESCRIPTION	Metching Hill Clay	

WATER CONTENT	W	12.64	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	42.01	%
DRY DENSITY	γ_d	92.97	PCF
WET DENSITY	γ	106.72	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

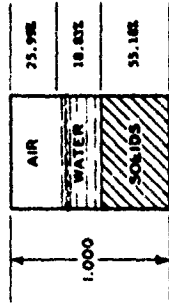


TRIAxIAL SHEAR PHASE

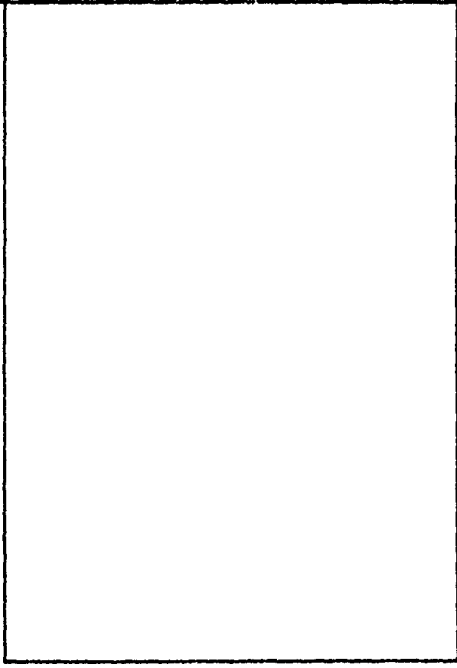
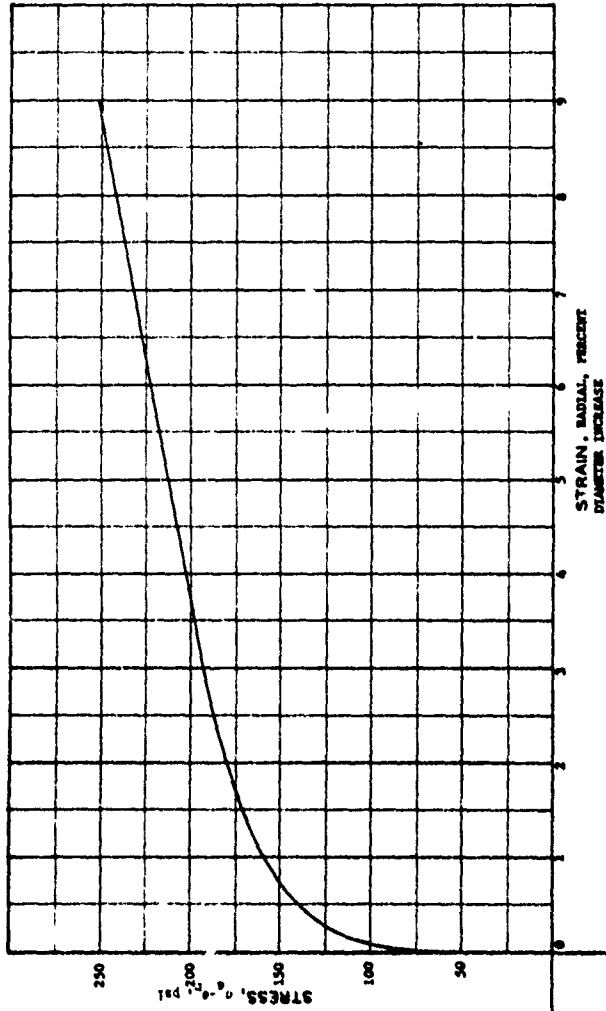
PROJECT GA 15th B-602
 CONTRACT No. DMD319-07-C-0051
 AREA _____
 BORING NO. _____ SAMPLE NO. 218
 DEPTH _____ DATE _____
 EL. _____ PL. 17 PI. 19
 DESCRIPTION Weathered Mill Clay

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.64	%
VOID RATIO	e_s	0.81	
SATURATION	S_o	42.01	%
DRY DENSITY	γ_d	92.97	PCF
WET DENSITY	γ	106.72	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_o	3.50	CM
SPECIMEN HEIGHT	H_o	7.62	CM

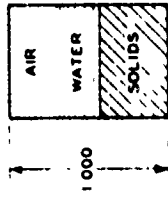


HYDROSTATIC COMPRESSION PHASE

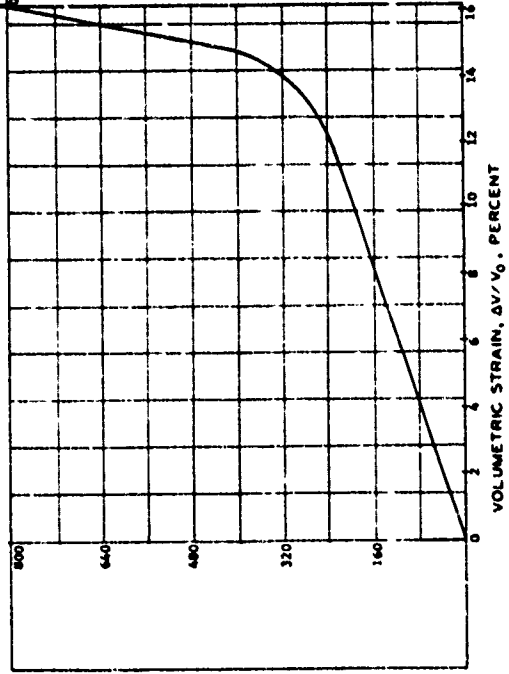


PROJECT	Ca Tech B-602	
Contract No.	DMC03-67-C-0031	
AREA		
BORING NO.	SAMPLE NO. 218	
DEPTH	DATE	
EL	PL 36	PI 19
DESCRIPTION	Metching Hill Clay	

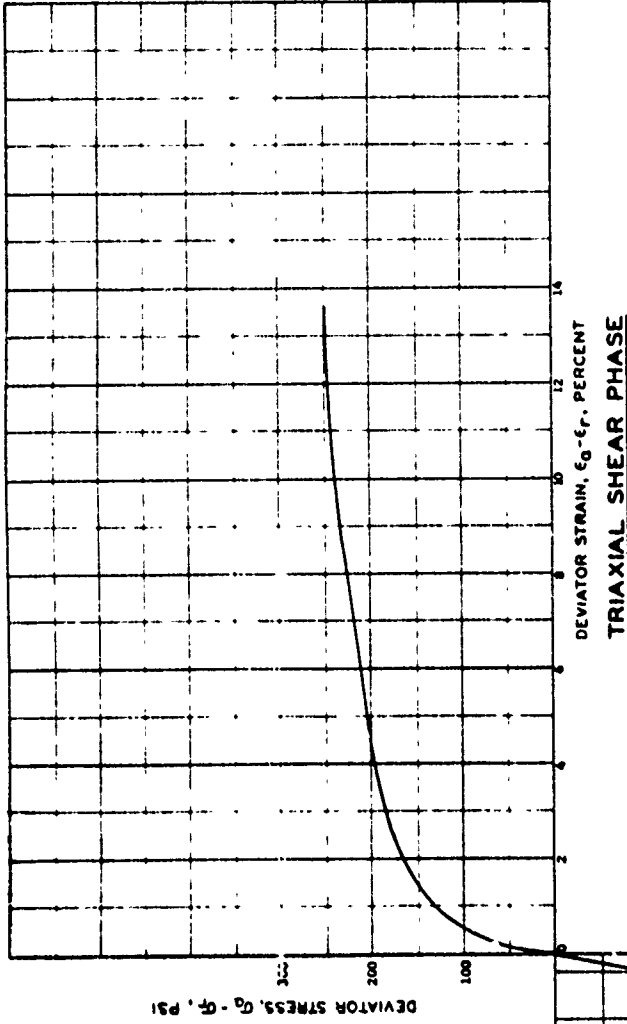
WATER CONTENT	W	11.77	%
LIQD RATIO	e_0	0.79	
SATURATION	S_0	60.17	%
DRY DENSITY	γ_d	94.07	PCF
WET DENSITY	γ	105.16	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.59	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

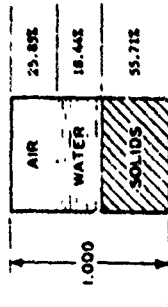


TRIAxIAL SHEAR PHASE

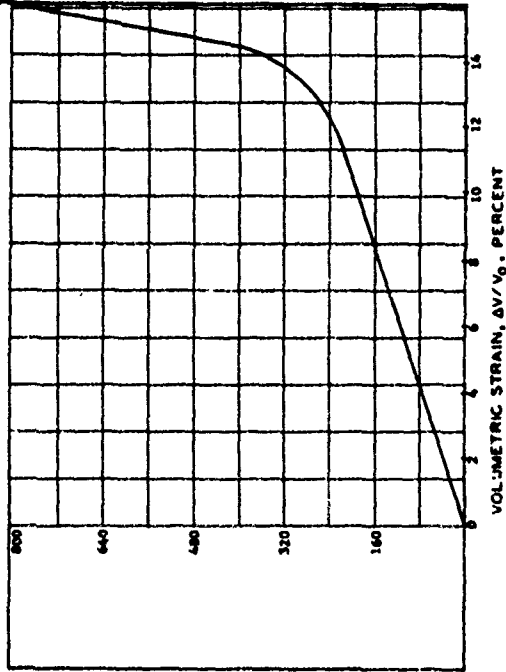
PROJECT Ga Tech B-602.
Contract No. DMC39-67-C-0051

AREA _____ SAMPLE NO 210
BORING NO _____ DATE _____
DEPTH _____ PL 17 PI 19
E.L. _____
DESCRIPTION Weathering Mill. Clay.

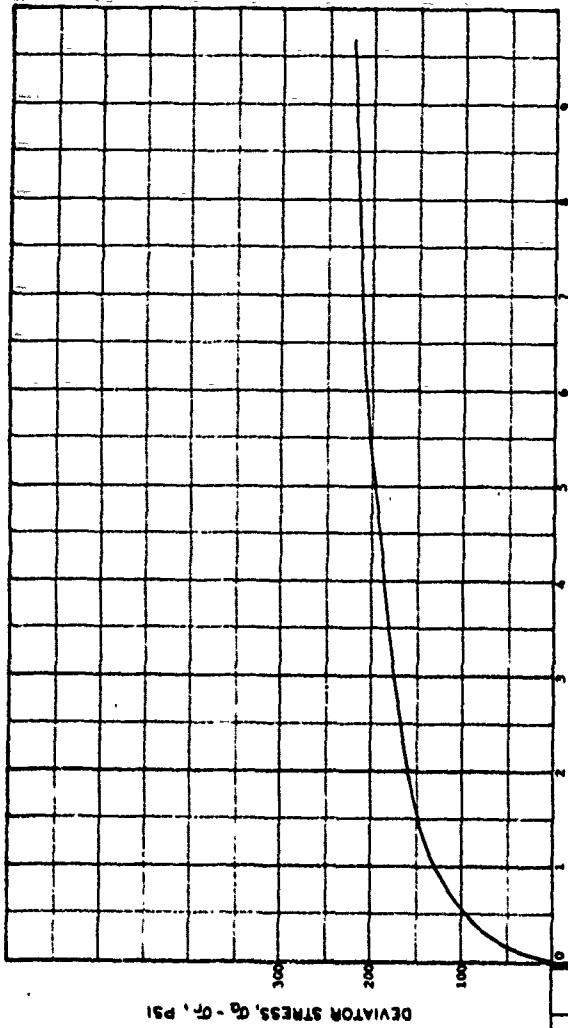
WATER CONTENT	W	12.26	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.83	%
DRY DENSITY	γ	93.87	PCF
WET DENSITY	γ	105.37	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.60	CM



HYDROSTATIC COMPRESSION PHASE



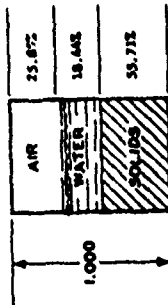
HYDROSTATIC PRESSURE, p , PSI



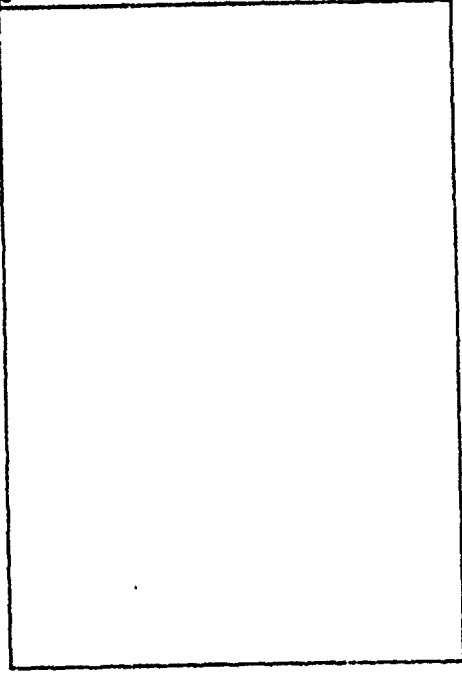
TRIAxIAL SHEAR PHASE

PROJECT	Ga Tech B-602		
CONTRACT NO.	DMCA39-67-C-0051		
AREA			
BORING NO.	SAMPLE NO. 214		
DEPTH	DATE		
LL	36	PL	17
DESCRIPTION	Macon 8111 Clay		
	PI	19	

WATER CONTENT	W	12.26	%
VOID RATIO	e_0	0.79	
SATURATION	S_r	41.65	%
DRY DENSITY	γ_d	93.87	PCF
WET DENSITY	γ	105.37	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.60	CM

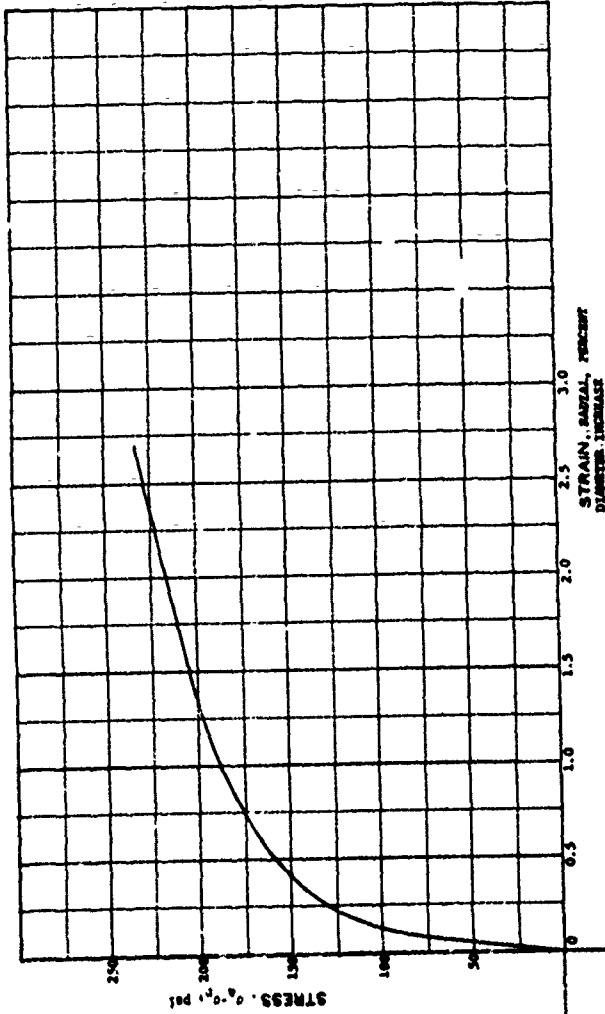


HYDROSTATIC COMPRESSION PHASE



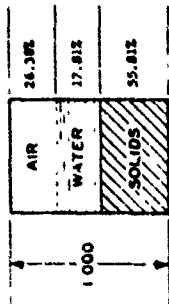
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

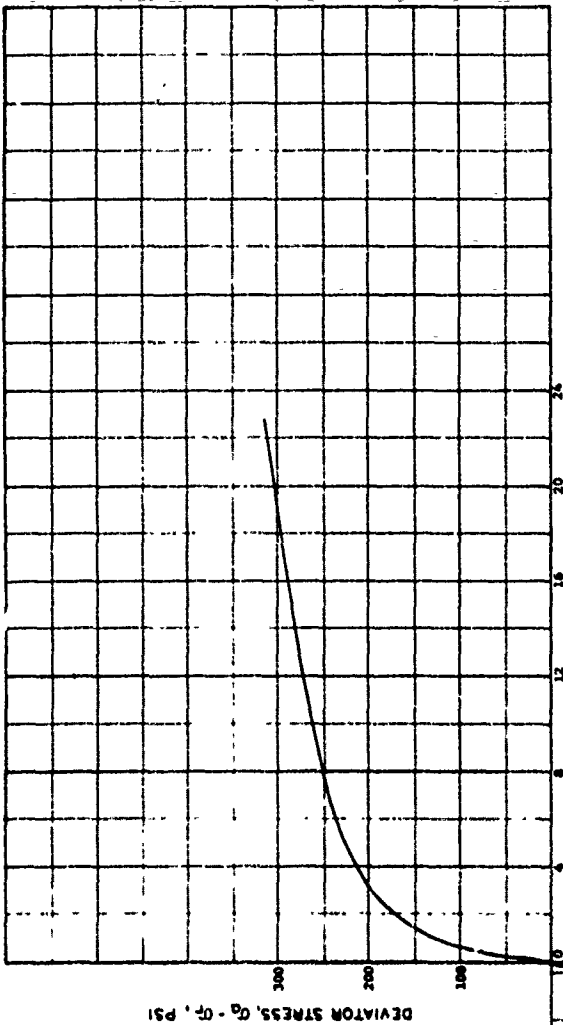
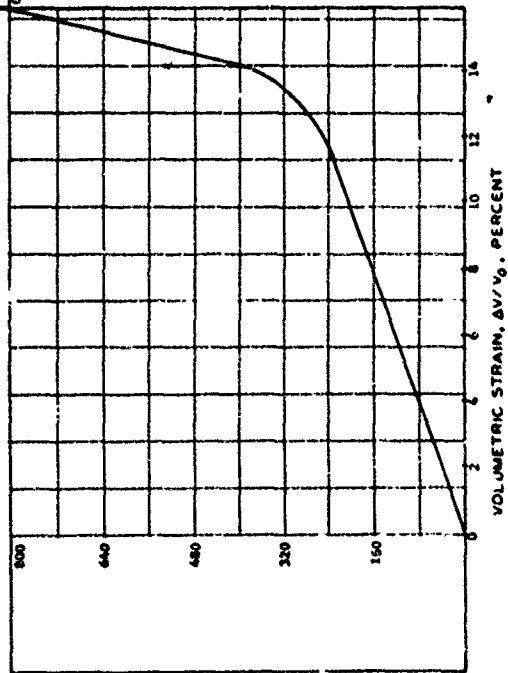


PROJECT Ga Tech B-6021	
Contract No. MCA39-67-C-0051	
AREA	SAMPLE NO. 214
BORING NO.	DATE
DEPTH	PL 17
EL	PI 19
DESCRIPTION Maching Hill Clay	

WATER CONTENT	W	11.82	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	40.29	%
DR DENSITY	γ_d	94.02	PCF
WET DENSITY	γ	105.13	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.60	CM



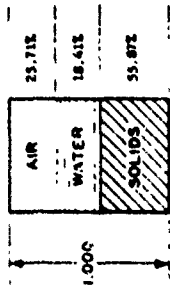
HYDROSTATIC COMPRESSION PHASE



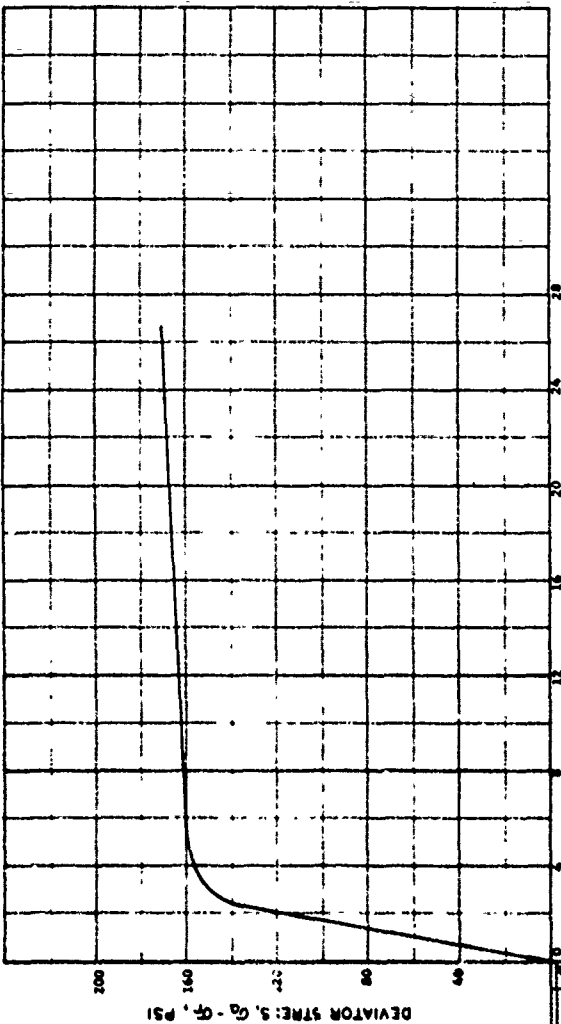
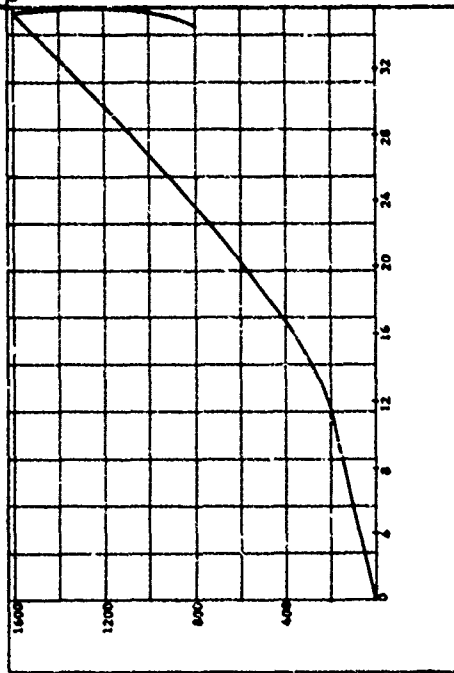
TRIAxIAL SHEAR PHASE

PROJECT		Ga Tech B-602	
CONTRACT NO.		DMCAS9-67-C-0031	
AREA	BORING NO.	SAMPLE NO. 213	
DEPTH	DATE		
LL	PL	PL	PI
36	17	17	19
DESCRIPTION			
Washington Mill Clay			

WATER CONTENT	W	12.20	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.72	%
DRY DENSITY	γ_d	94.14	PCF
WET DENSITY	γ	105.62	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	M_0	7.62	CM



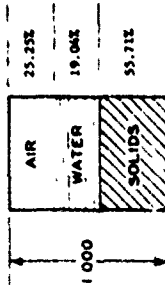
HYDROSTATIC COMPRESSION PHASE



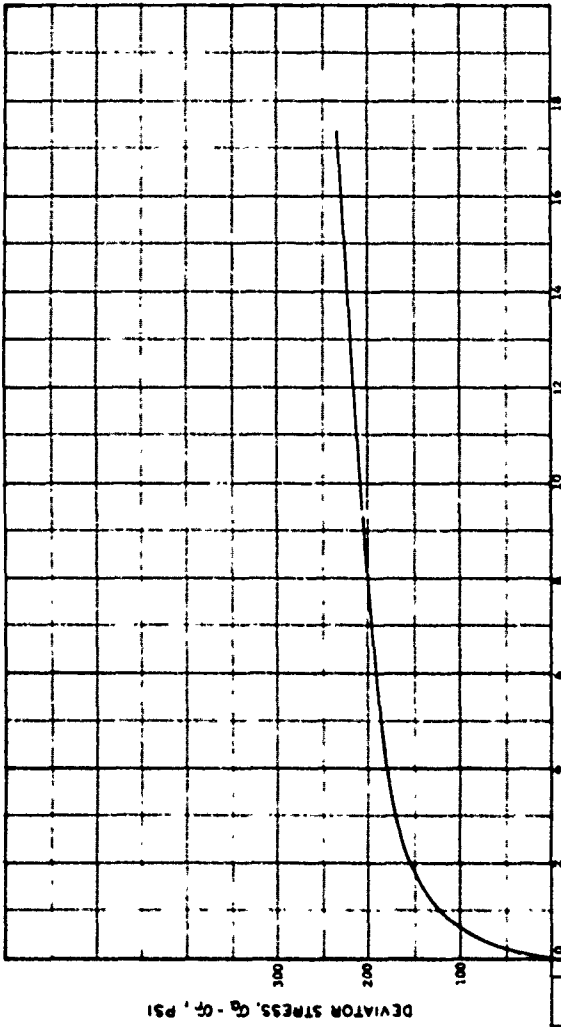
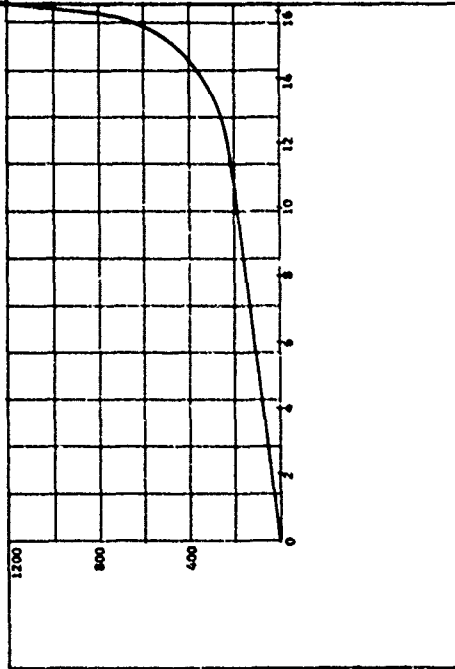
TRIAXIAL SHEAR PHASE

PROJECT	Ge Tech 3-602		Contract No.	DMO39-67-C-0051	
AREA			SAMPLE NO.	3C5	
BORING NO.			DEPTH		
DEPTH			E.L.		
LL	34	PL	17	PI	19
DESCRIPTION	Machine R111 Clay				
Triaxial Test, Compression to 1600 psi, Unload to 800 psi					
Shear at 800 psi					

WATER CONTENT	W	12.56	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.95	%
DRY DENSITY	γ	93.85	PCF
WET DENSITY	γ	105.73	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.58	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Ge Tech B-602:
Contract No. DMCJ39-87-C-0051

AREA: _____

BORING NO. _____ SAMPLE NO. 200

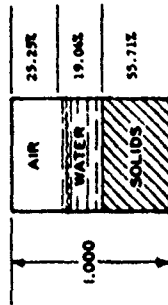
DEPTH _____ DATE _____

EL _____

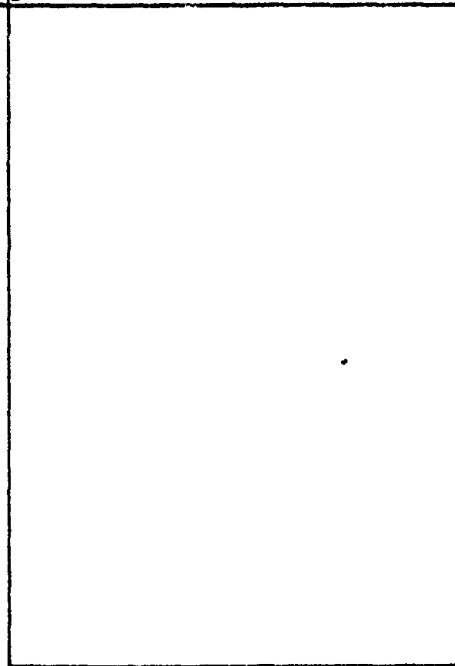
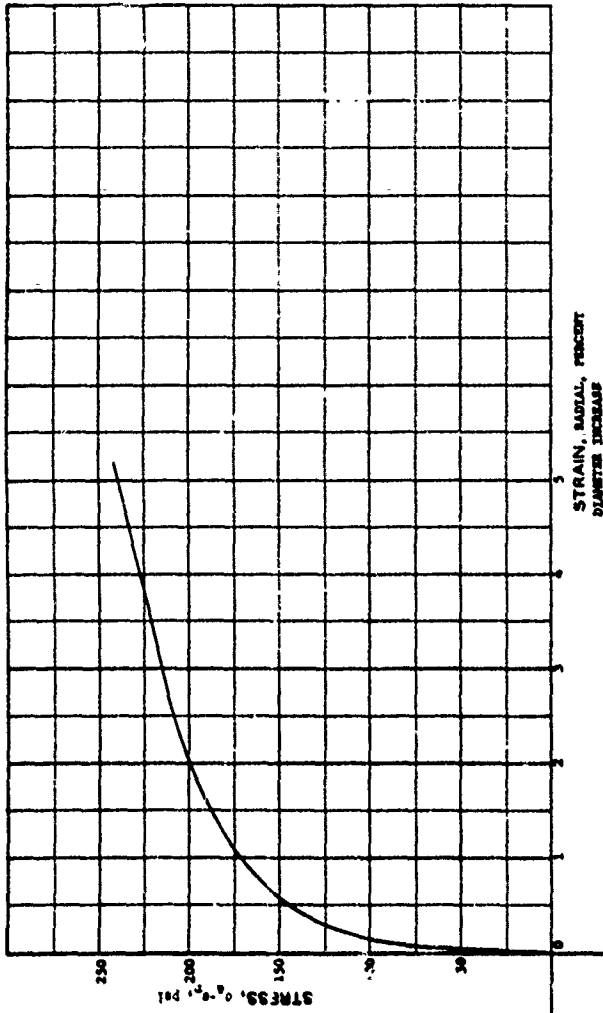
LL 36 PL 37 PI 19

DESCRIPTION: Washing Mill Clay

WATER CONTENT	W	12.66	%
VOID RATIO	e_0	0.79	
SATURATION	S_w	62.99	%
DRY DENSITY	γ_d	93.85	PCF
WET DENSITY	γ	105.73	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.58	CM

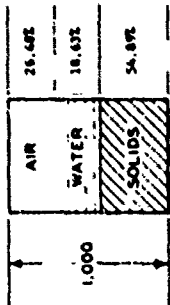


HYDROSTATIC COMPRESSION PHASE

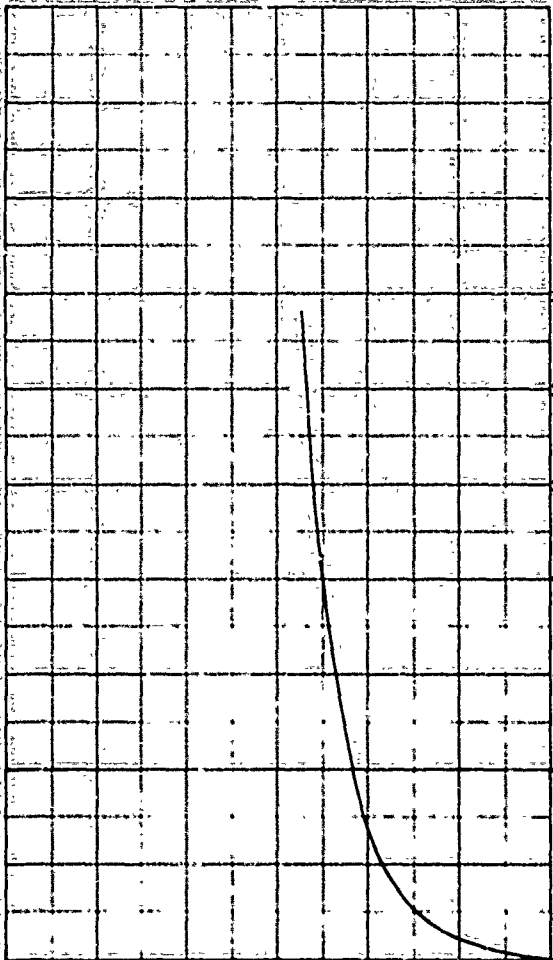
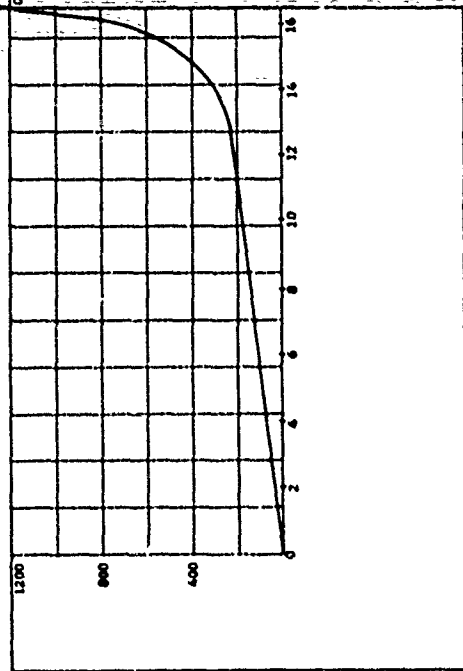


PROJECT	Ca Tech B-602;	
AREA	Contract No. DMCA39-67-C-0051	
BORING NO.	SAMPLE NO. 200	
DEPTH	DATE	
EL.	PL 36	PI 19
DESCRIPTION	Machias Hill CLAY	

WATER CONTENT	W	12.37	%
VOID RATIO	e_0	0.82	
SATURATION	S_0	41.30	%
DRY DENSITY	γ_d	92.48	PCF
WET DENSITY	γ	104.11	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.60	CM



HYDROSTATIC COMPRESSION PHASE



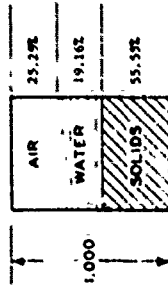
TRIAXIAL SHEAR PHASE

PROJECT	Ga. Tech. B-602	
AREA	Contract No. DACW39-67-C-0031	
BORING NO.	SAMPLE NO. 201	
DEPTH	DATE	
EL.	PL. 36	PI. 17
LL	PL. 36	PI. 19
DESCRIPTION: Matching Mill Clay		

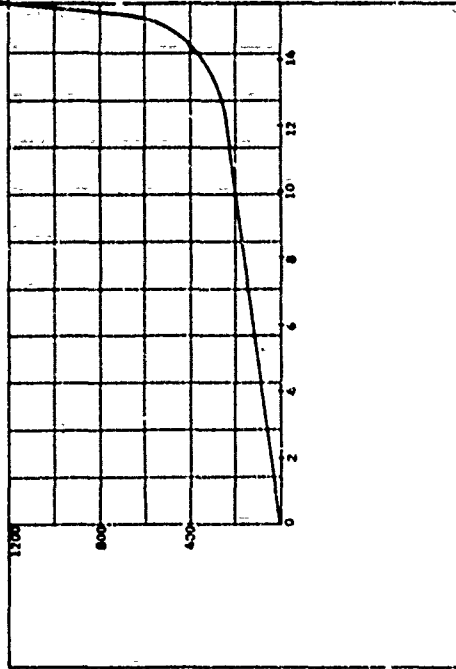
HYDROSTATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

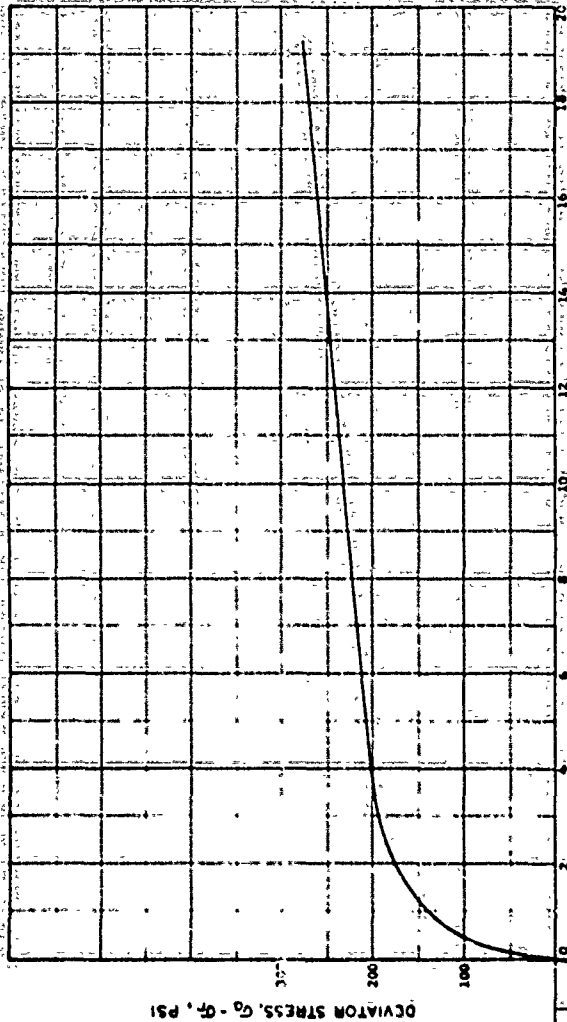
WATER CONTENT	W	12.77	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	43.10	%
DRY DENSITY	γ	99.59	PCF
WET DENSITY	γ	109.55	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



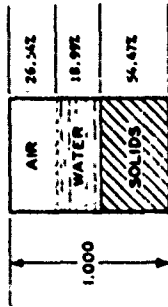
HYDROSTATIC PRESSURE, p , PSI



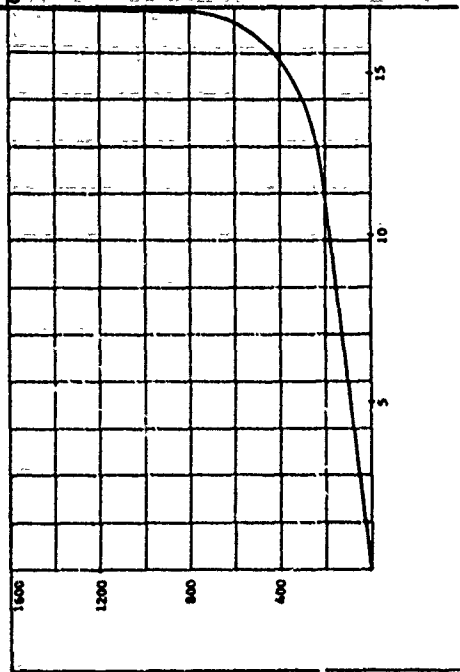
DEVIATOR STRAIN, ϵ_d , PERCENT
TRIAxIAL SHEAR PHASE

PROJECT: Co. Tech. B-602	
Contract No.: DMS39-67-C-0051	
AREA:	
BORING NO:	SAMPLE NO: 309
DEPTH:	DATE:
LL: 36	PL: 17
DESCRIPTION: Matching Bill Clay	
	PI: 19

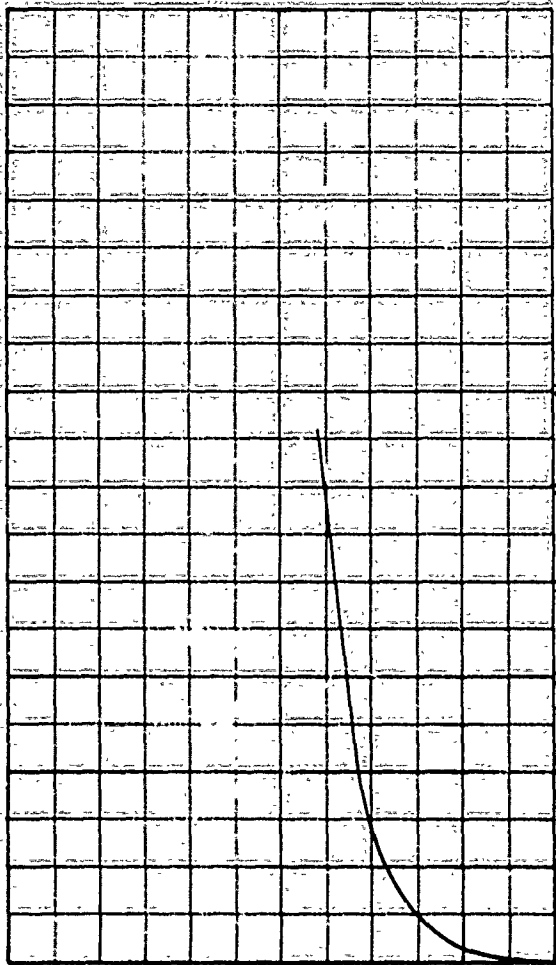
WATER CONTENT	W	12.91	%
VOID RATIO	e_0	0.84	
SATURATION	S_0	41.72	%
DRY DENSITY	γ	91.77	PCF
WET DENSITY	γ	103.62	PCF
SPECIFIC GRAVITY	G_s	2.70	
IN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.60	CM



HYDROSTATIC COMPRESSION PHASE

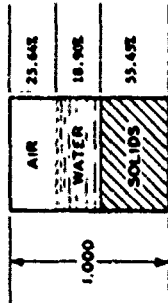


HYDROSTATIC PRESSURE, p , PSI

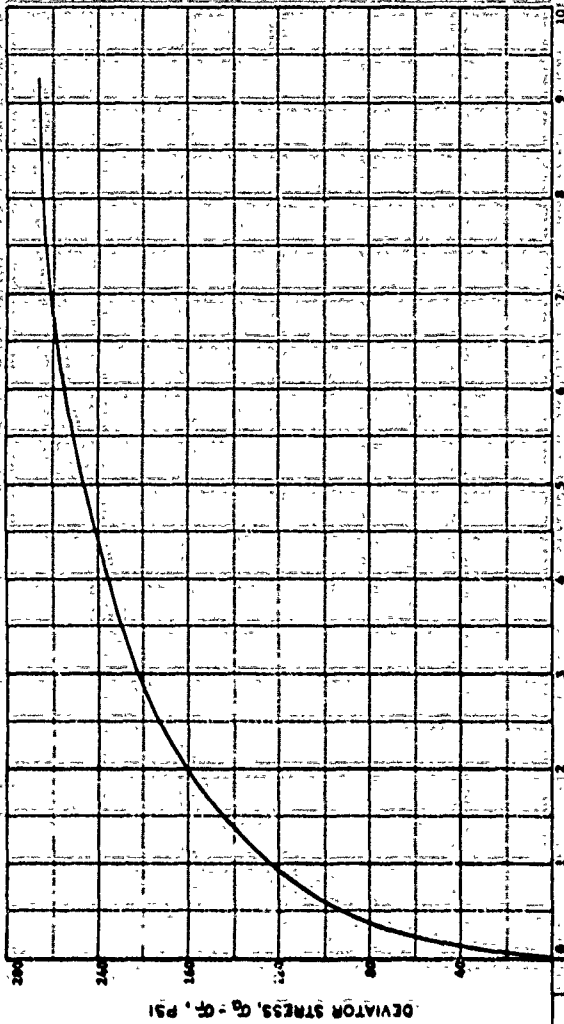
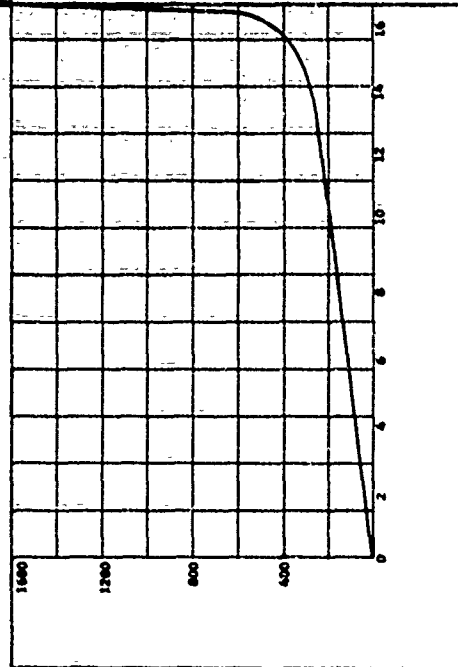


PROJECT	GA Tech B-602		
AREA	Contract No. DMC32-67-C-0051		
BORING NO.	SAMPLE NO. 704		
DEPTH	DATE		
EL.	PL 36	PT 17	PI 19
DESCRIPTION: Machine Hill Clay			

WATER CONTENT	W	12.63	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	42.43	%
DRY DENSITY	γ_d	92.42	PCF
WET DENSITY	γ	105.22	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_s	3.49	CM
SPECIMEN HEIGHT	H_s	7.63	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology B-602
 CONTACT: Dr. INCAP-67-5-0031

AREA: _____

BORING NO.: _____ SAMPLE NO. 249

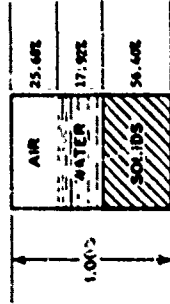
DEPTH: _____ DATE: _____

EL: _____

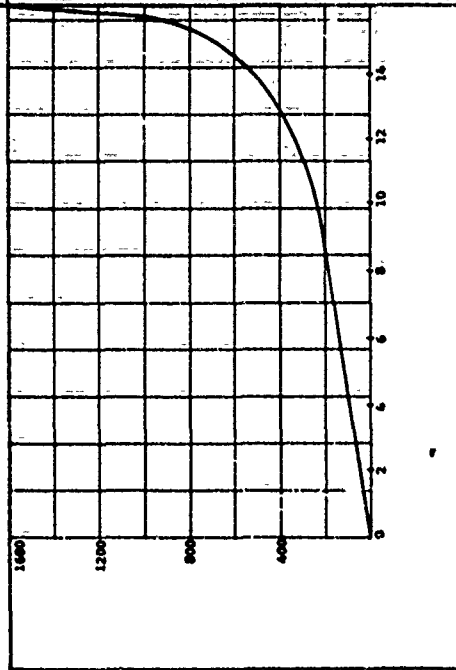
LL: 36 PU: 17 PI: 19

DESCRIPTION: MICHIGAN BILL CLAY

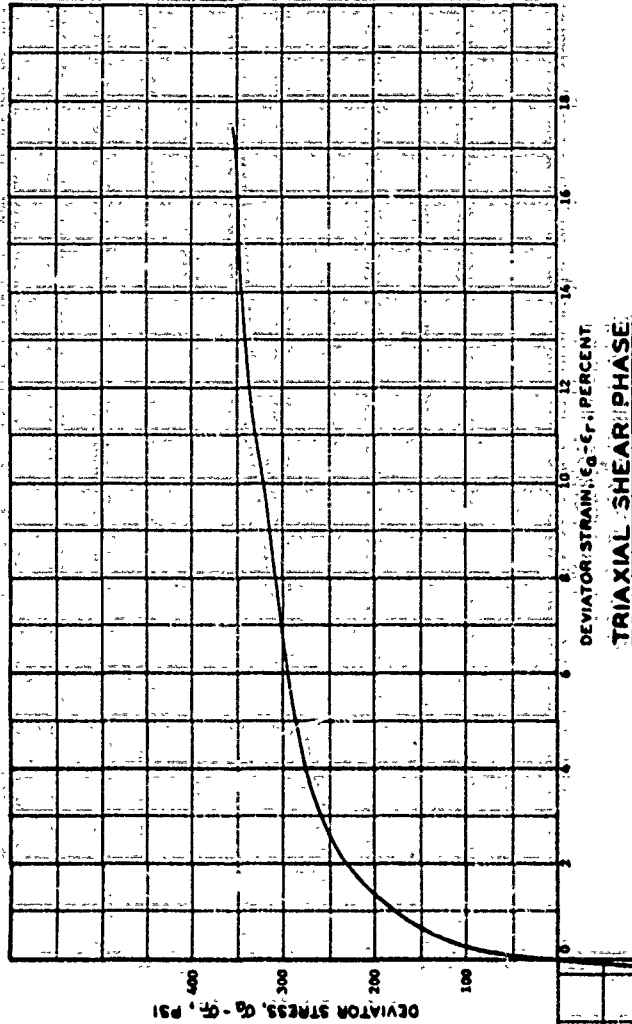
WATER CONTENT	W	11.77	%
VOID RATIO	e_0	0.77	
SATURATION	S_r	41.11	%
DRY DENSITY	γ_d	95.03	PCF
WET DENSITY	γ	106.21	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



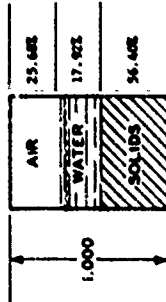
HYDROSTATIC PRESSURE, P, PSI



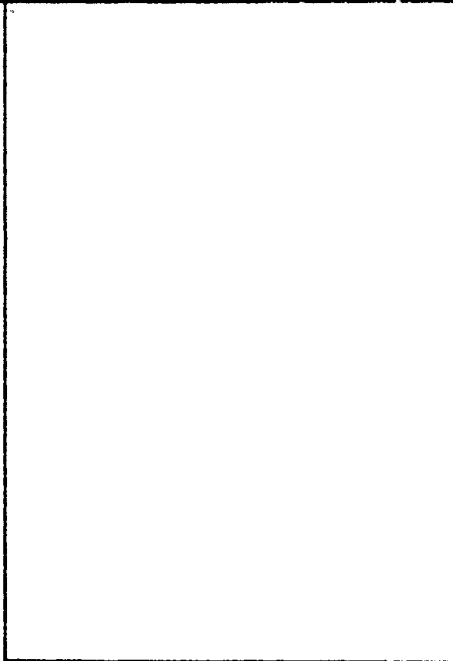
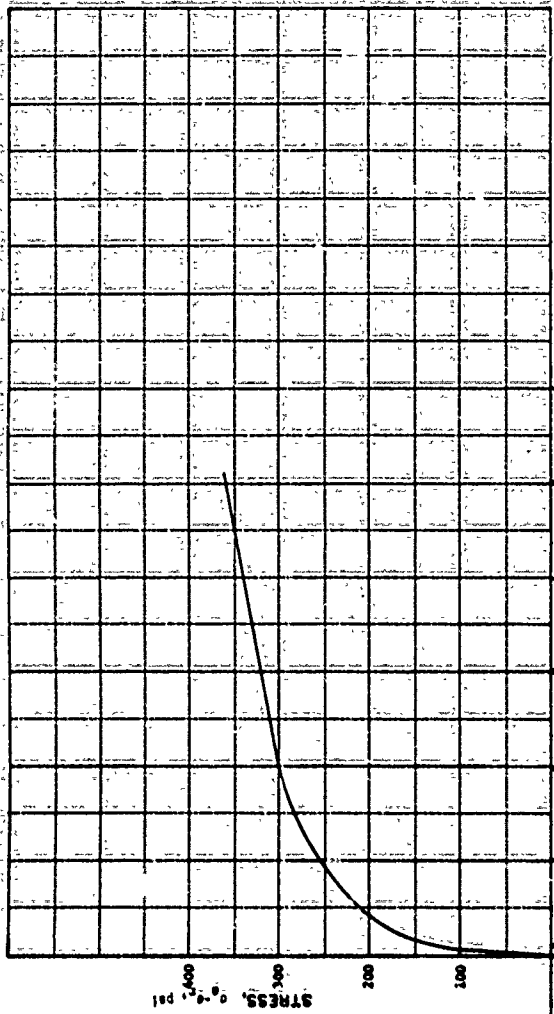
TRIAxIAL SHEAR PHASE

PROJECT	Ca Tech 8-602	
AREA	Contract No. MCA39-67-C-511	
BORING NO.	SAMPLE NO. 250	
DEPTH	DATE	
EL.	PL 36	PL 17
DESCRIPTION: Macching Hill, Calif.	PL 19	

WATER CONTENT	W	11.77	%
VOID RATIO	e_0	0.77	
SATURATION	S_0	41.11	%
DRY DENSITY	γ_d	95.00	PCF
WET DENSITY	γ	106.21	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

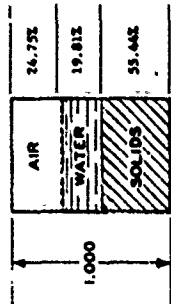


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

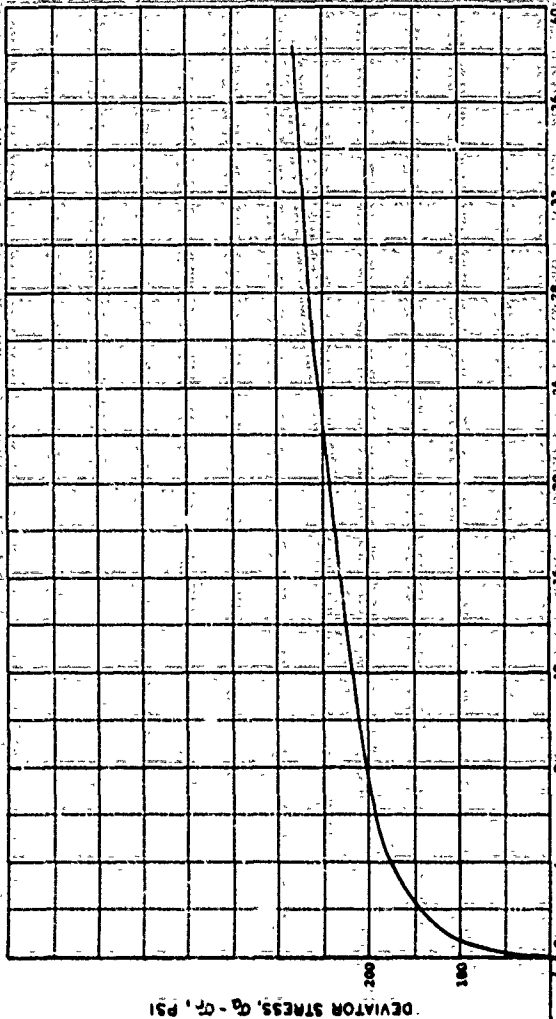
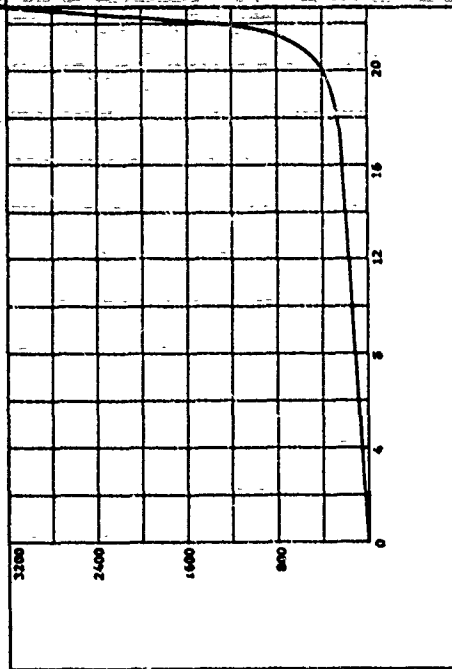
HYDROSTATIC PRESSURE, p, p.s.i.

PROJECT: Ca. Arch. B-602		Contract No. DAC39-67-C-0051	
AREA:		SAMPLE NO.: 250	
BORING NO.:		DEPTH:	
EL.:		DATE:	
LL: 36	PL: 17	PI: 19	
DESCRIPTION: Weathering Hill Clay			

WATER CONTENT	W	13.24 %
VOID RATIO	e_0	0.80
SATURATION	S_0	44.47 %
DRY DENSITY	γ_d	93.60 PCF
WET DENSITY	γ	105.76 PCF
SPECIFIC GRAVITY	G_s	2.75
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.60 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

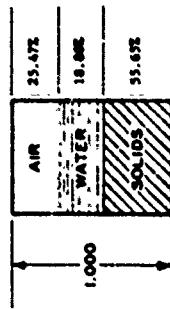
PROJECT: Georgia Institute of Technology B-602
 Contract No. OEA33-67-C-0031

AREA _____

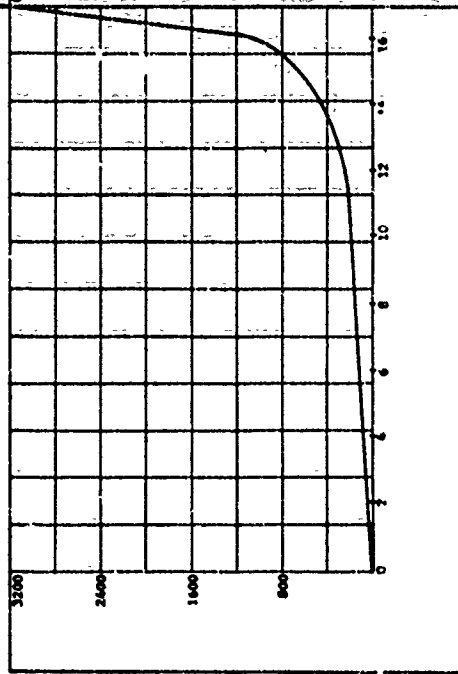
BORING NO. _____ SAMPLE NO. 206
 DEPTH _____ DATE _____
 LL 36 PL 17 PI 19

DESCRIPTION: weathered fill clay

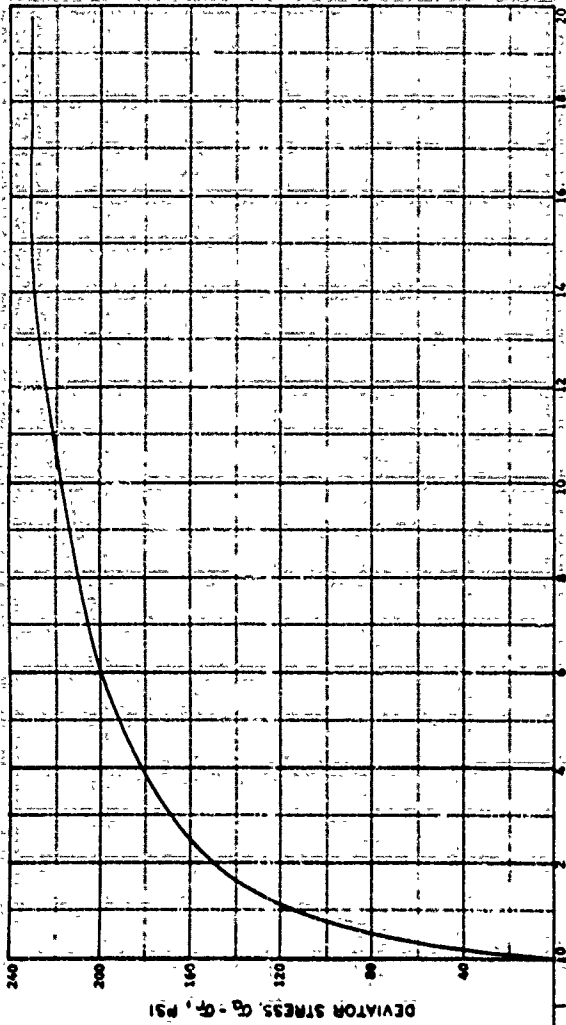
WATER CONTENT	W	12.57	%
VOID RATIO	e_v	0.80	
SATURATION	S_r	42.56	%
DRY DENSITY	γ_d	99.76	PCF
WET DENSITY	γ	105.55	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



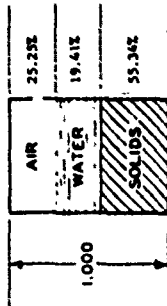
HYDROSTATIC PRESSURE, p , PSI



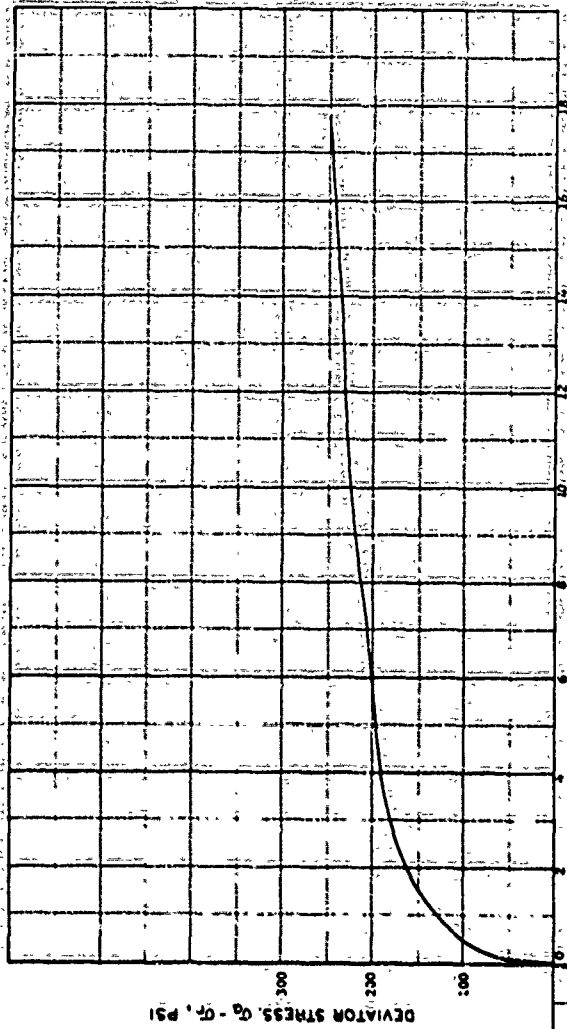
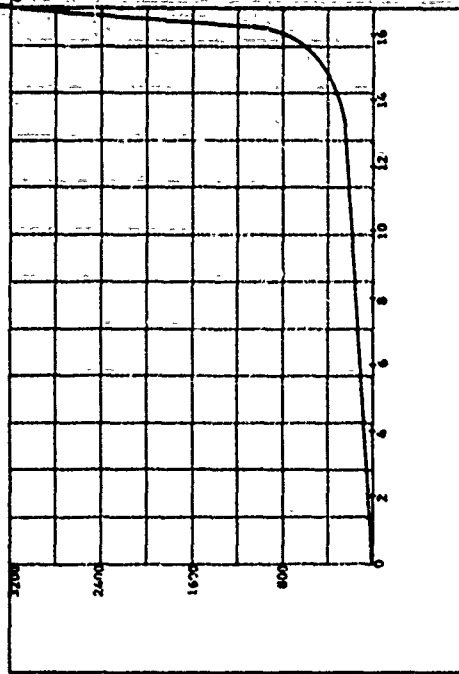
TRIAxIAL SHEAR PHASE

PROJECT	Ca. Tech. B-402
Contract No.	DAC39-67-C-0031
AREA	
BORING NO.	SAMPLE NO: 251
DEPTH	DATE
EL.	PL 17
LL 36	PI 19
DESCRIPTION: Washing Hill Clay	

WATER CONTENT	W	12.99	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	63.46	%
DRY DENSITY	γ_d	91.23	PCF
WET DENSITY	γ	105.35	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

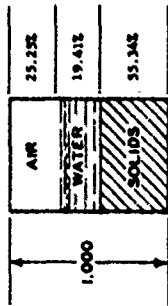


TRIAxIAL SHEAR PHASE

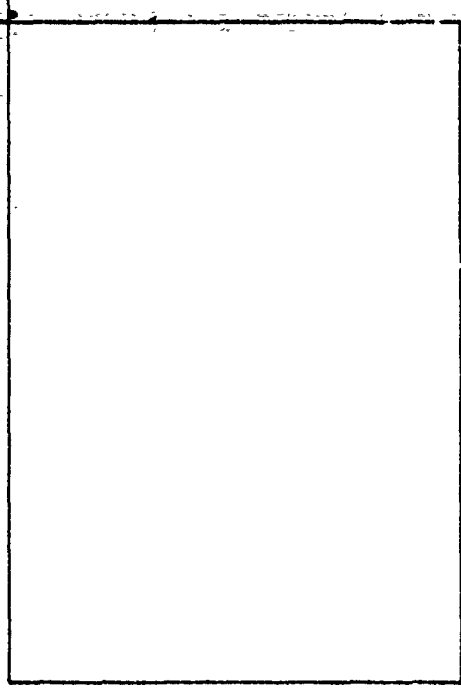
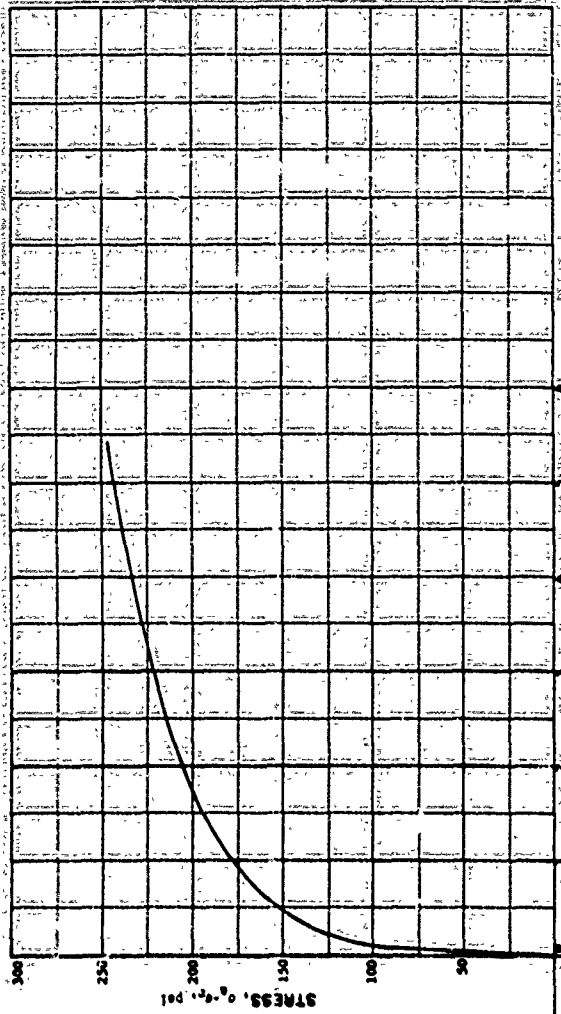
PROJECT: Ga. Tech. S-602
 CONTRACT No.: DAC39-67-C-0051
 AREA: _____
 BORING NO.: _____
 DEPTH: _____
 EL.: _____
 LL: .36 PL: .17 PI: .19
 SAMPLE NO.: 233
 DATE: _____
 DESCRIPTION: Weibull Mill Clay

HYDROSTATIC PRESSURE, P, PSI

WATER CONTENT	W	12.99	%
VOID RATIO	e_0	0.81	
SATURATION	S_u	43.46	%
DRY DENSITY	γ_d	93.23	PCF
WET DENSITY	γ	105.35	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM

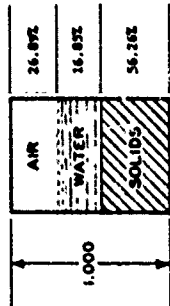


HYDROSTATIC COMPRESSION PHASE

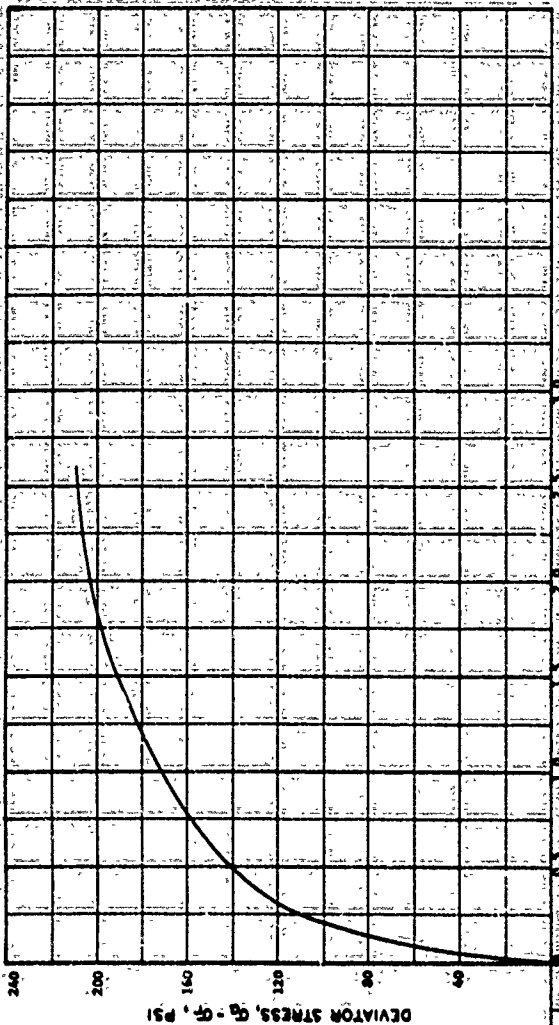
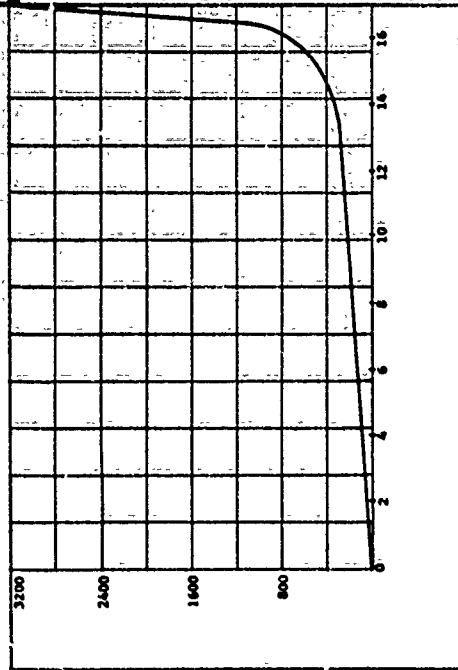


PROJECT	Ca Tech B-602	
AREA	Contract No.: DMCA39-67-C-0051	
BORING NO.	SAMPLE NO.: 253	
DEPTH	DATE	
EL.	PL 36	PL 19
DESCRIPTION	Machling Hill/Clay	

WATER CONTENT	W	11.09	%
VOID RATIO	e_v	0.78	
SATURATION	S_w	38.52	%
DRY DENSITY	γ_d	94.79	PCF
WET DENSITY	γ	105.31	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_s	3.49	CM
SPECIMEN HEIGHT	H_s	7.63	CM



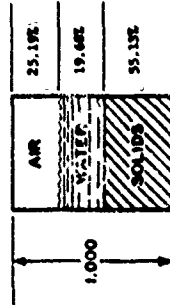
HYDROSTATIC COMPRESSION PHASE



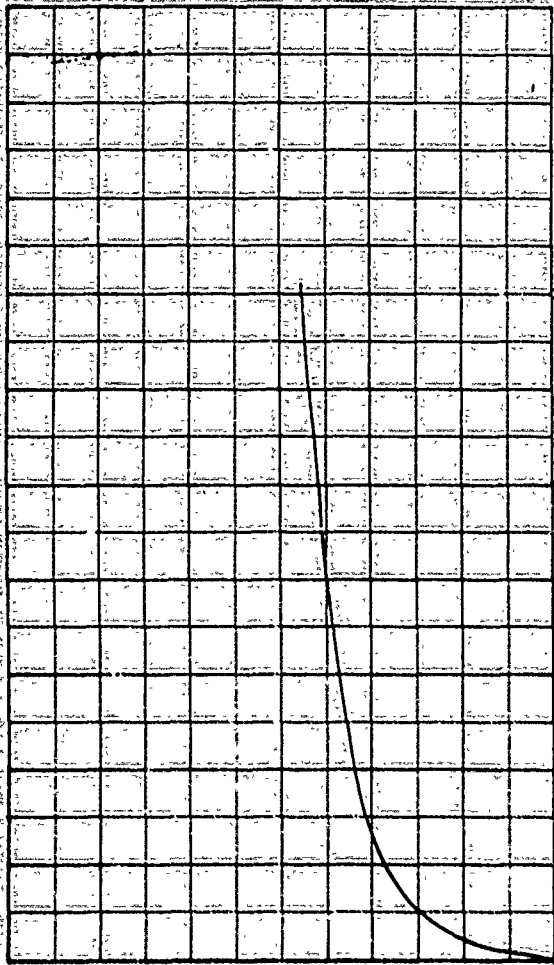
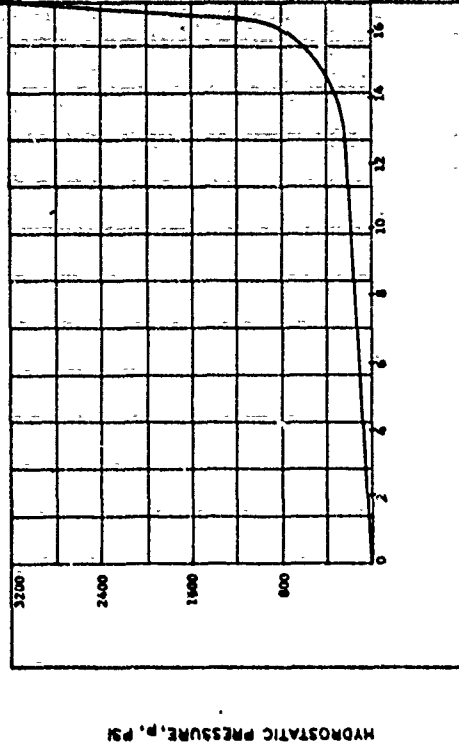
TRIAXIAL SHEAR PHASE

PROJECT	Ge Tech B-602		CONTRACT NO. DAC39-67-C-0051	
AREA				
BORING NO.			SAMPLE NO.	268
DEPTH			DATE	
EL.	36	PL	17	PI
DESCRIPTION	Machling Hill Clay			

WATER CONTENT	W	13.22	%
VOID RATIO	e_0	0.81	
SATURATION	S_u	43.86	%
DRY DENSITY	γ_d	92.89	PCF
WET DENSITY	γ	105.16	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

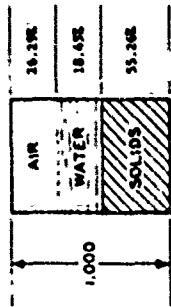
PROJECT: G3 Tech B-602
 CONTRACT No.: DMCA39-67-C-0031

AREA: _____

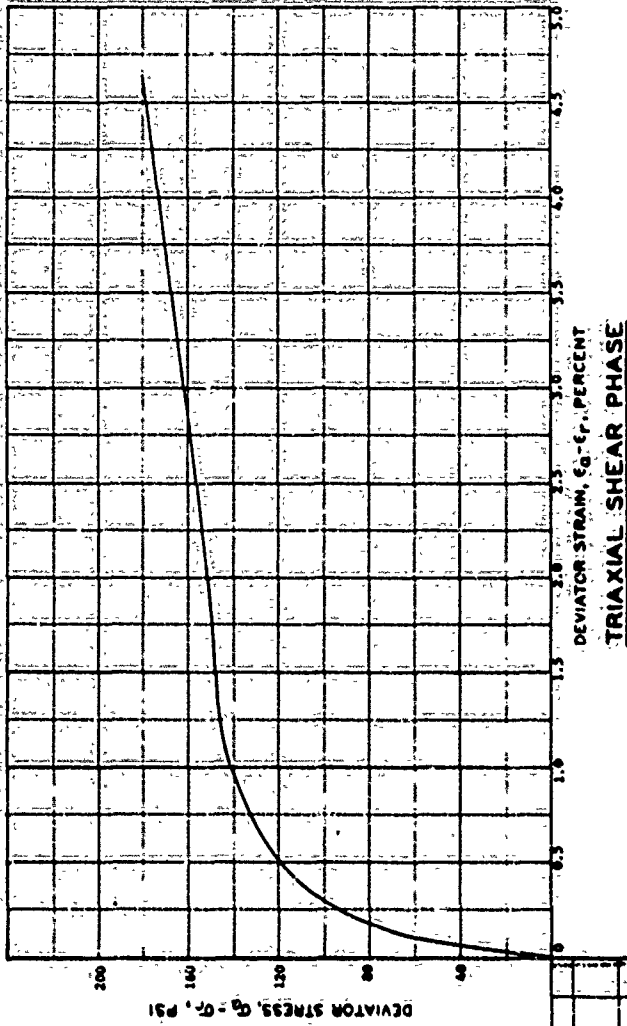
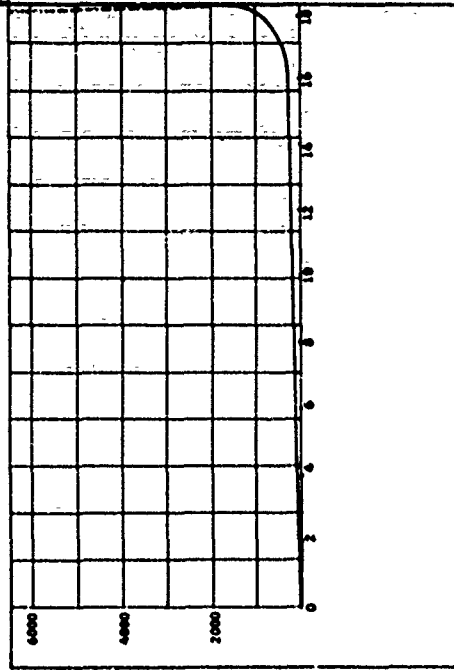
BORING NO.: _____ SAMPLE NO.: 3A1
 DEPTH: _____ DATE: _____
 ELEVATION: _____ PL: 17 PI: 19

DESCRIPTION: medium silty clay

WATER CONTENT	W	12.37 %
VOID RATIO	e_0	0.81
SATURATION	S_0	41.25 %
DRY DENSITY	γ_d	99.11 PCF
WET DENSITY	γ	106.62 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	M_0	7.62 CM



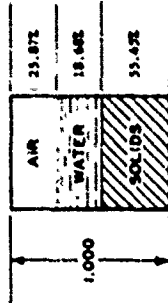
HYDROSTATIC COMPRESSION PHASE



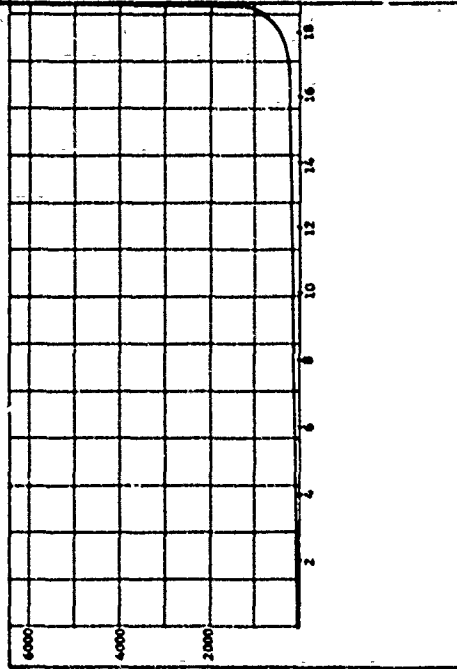
TRIAxIAL SHEAR PHASE

PROJECT: On Job, B-602
 CONTRACT NO. BNCAD-67-C-0001
 AREA: _____
 BORING NO. _____ SAMPLE NO. 326
 DEPTH: _____ DATE _____
 EL. _____ PL. 17 PI. 19
 DESCRIPTION: Machine Built Clay
 Triaxial Test
 Lateral Pressure, 6400 psi

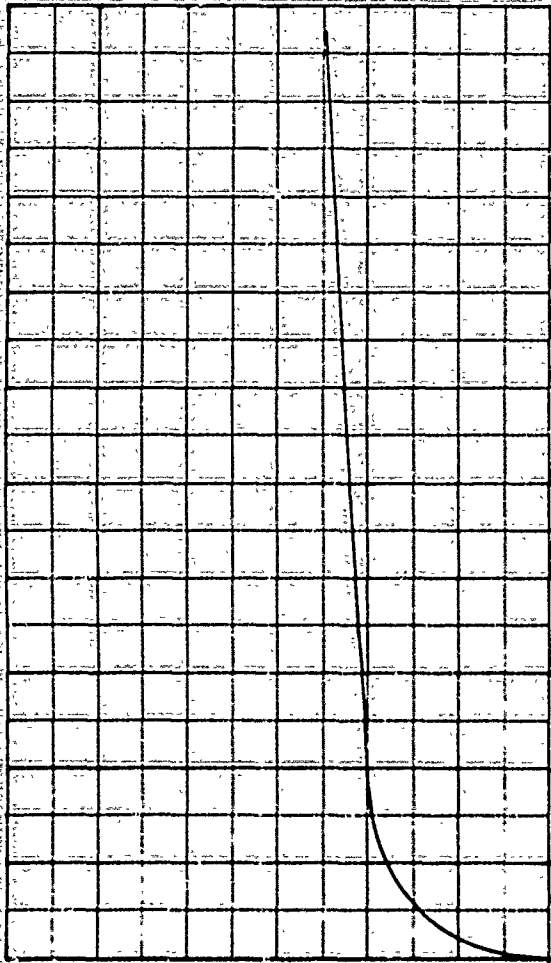
WATER CONTENT	W	12.48	%
VOID RATIO	e_v	0.80	
SATURATION	S_r	41.93	%
DRY DENSITY	γ_d	93.43	PCF
WET DENSITY	γ	105.08	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P , PSI

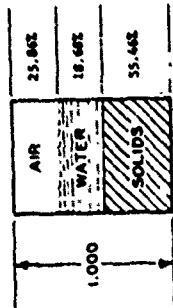


TRIAxIAL SHEAR PHASE

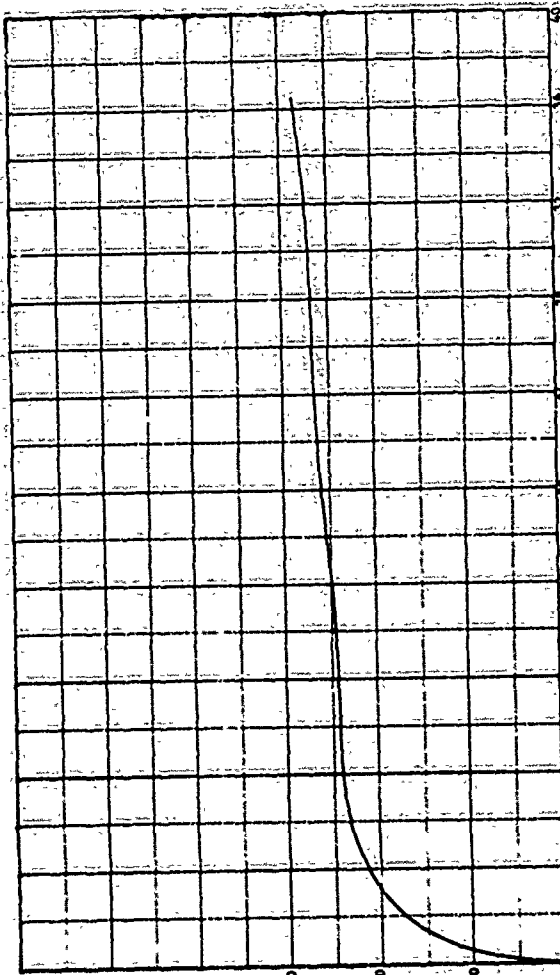
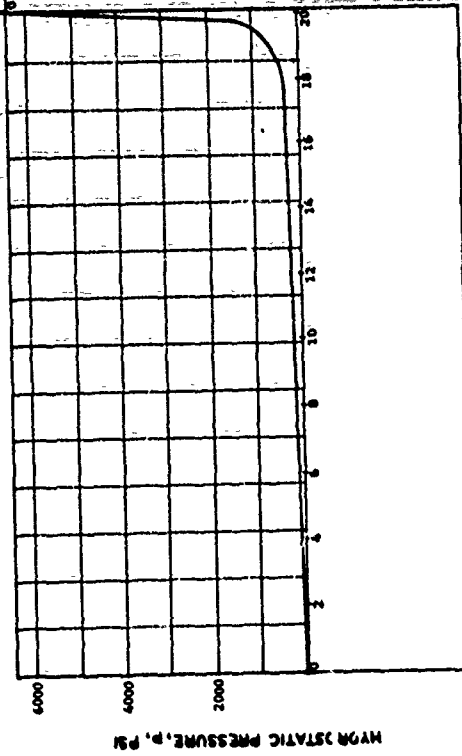
PROJECT: Ga Tech B-6021
 Contract No.: DMCA39-67-C-0031

AREA	SAMPLE NO: 032
BORING NO:	DEPTH:
EL:	DATE:
LL: 36	PL: 17
PI: 19	
DESCRIPTION: Washing Mill Clay	

WATER CONTENT	W	12.47	%
VOID RATIO	e_v	0.80	
SATURATION	S_u	61.96	%
DRY DENSITY	γ_d	93.44	PCF
WET DENSITY	γ	105.10	PCF
SPECIFIC GRAVITY	G_s	2.70	
DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE



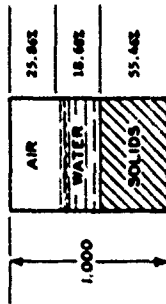
TRIA XIAL SHEAR PHASE

PROJECT: Co. Tech 3-602
 Contract No. DMC37-67-C-0051

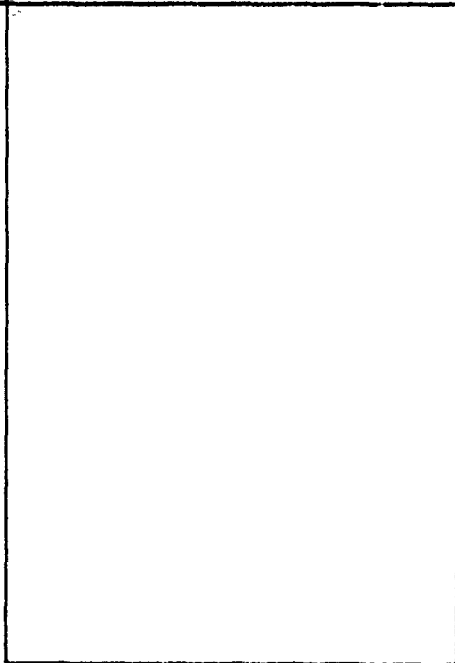
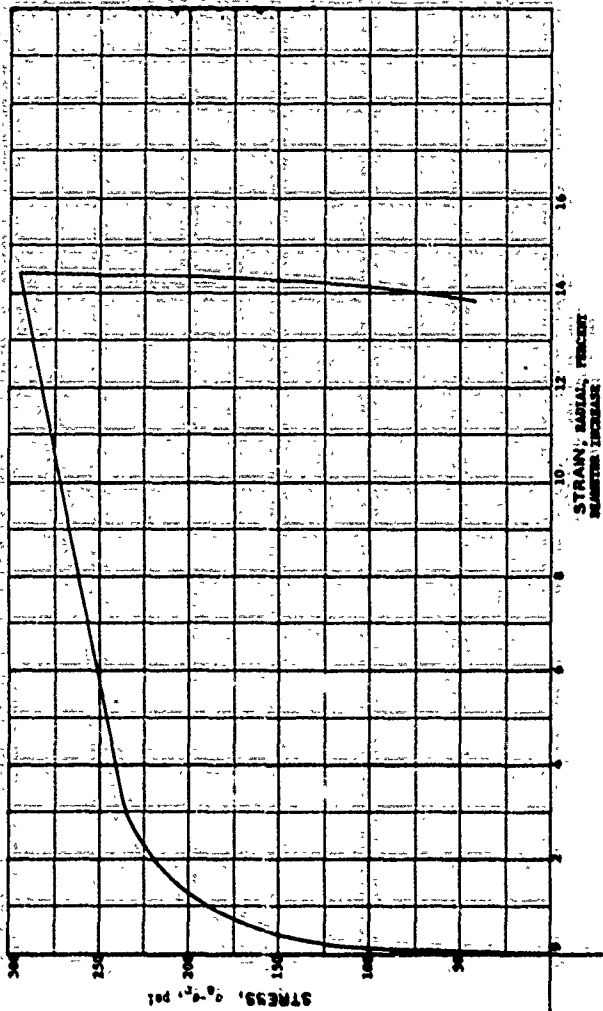
AREA: _____
 BORING NO. _____ SAMPLE NO. 336
 DEPTH: _____ DATE _____
 EL. _____ PL. 17' PI. 19'

DESCRIPTION: Machine #111 Clay

WATER CONTENT	W	12.47	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.24	%
DRY DENSITY	γ_d	93.44	PCF
WET DENSITY	γ	105.10	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



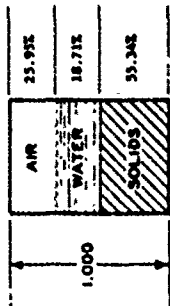
HYDROSTATIC PRESSURE, p , PSI

808

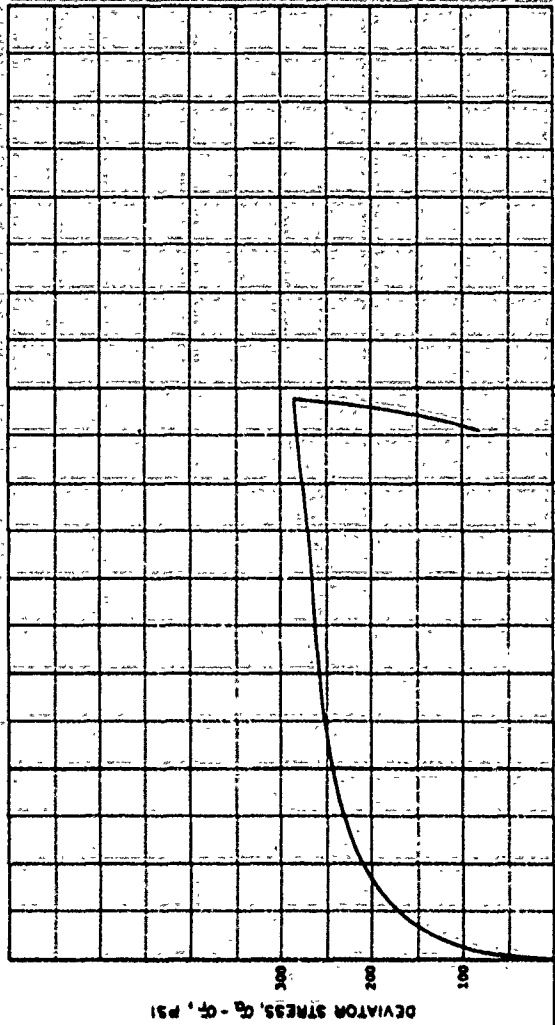
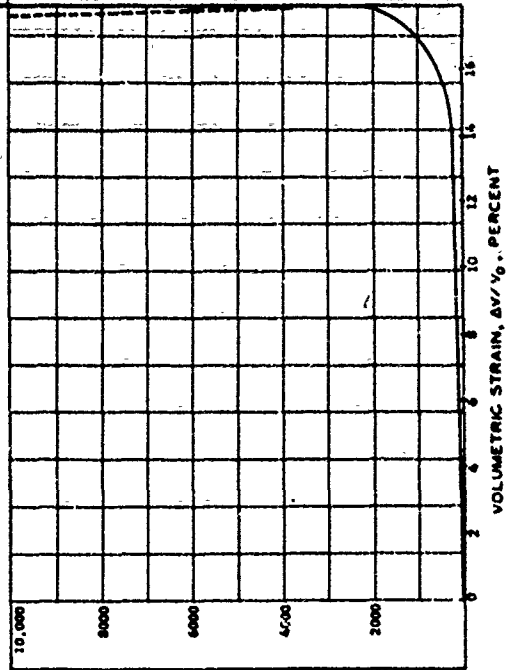
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Co Tech 8-602		SAMPLE NO. 316	
Contract No. DACAS-67-C-00311		DATE	
AREA		PL. 36	PI. 19
BORING NO.	DEPTH:	DESCRIPTION: Washing Mill Clay	
EL	EL		

WATER CONTENT	W	12.52	%
VOID RATIO	e_v	0.81	
SATURATION	S_v	61.90	%
DRY DENSITY	γ_d	93.25	PCF
WET DENSITY	γ	104.92	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: G4 Tech B-602
Contract No. BMCA39-67-C-0031

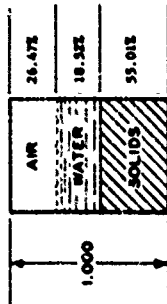
AREA: _____

BORING NO.: _____ SAMPLE NO.: 286
DEPTH: _____ DATE: _____
EL: _____ PL: 17 PI: 19

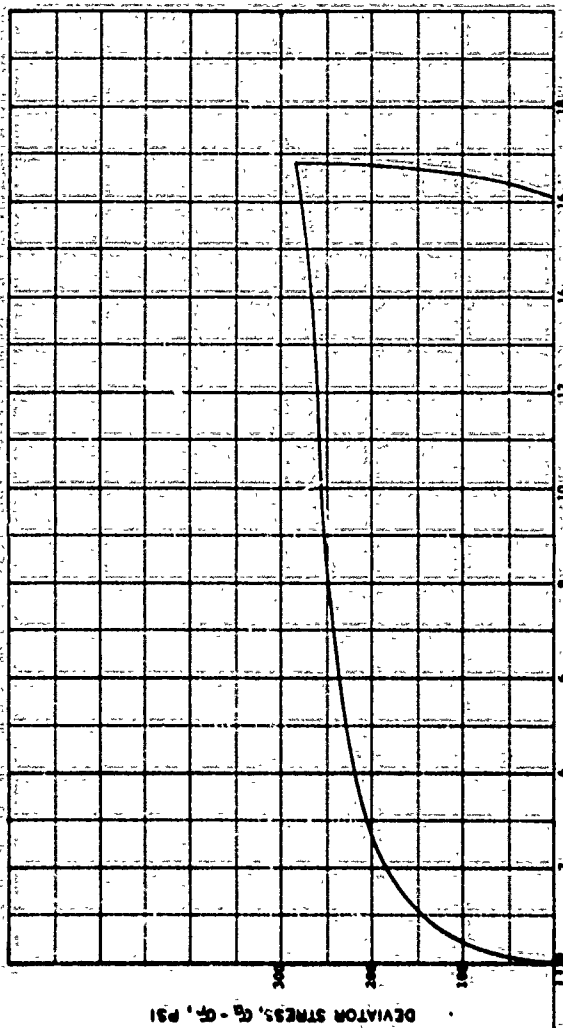
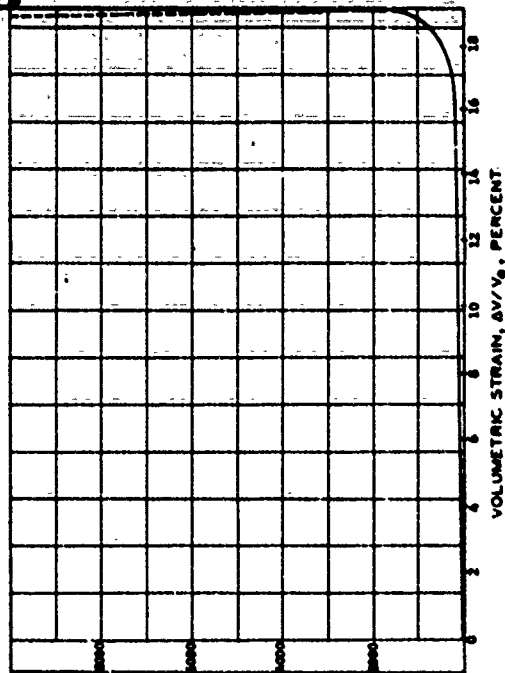
DESCRIPTION: WEACING MILL CLAY

HYDROSTATIC PRESSURE, p , PSF

WATER CONTENT	W	12.67	%
VOID RATIO	e_0	0.82	
SATURATION	S_v	41.17	%
DRY DENSITY	γ_d	99.66	PCF
WET DENSITY	γ	104.24	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.90	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Ga Tech B-602;
Contract No.: DMCA39-67-C-00911

AREA: _____

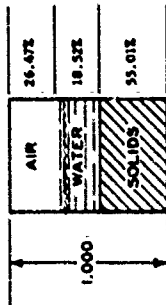
BORING NO.: _____ SAMPLE NO.: 333

DEPTH: _____ DATE: _____

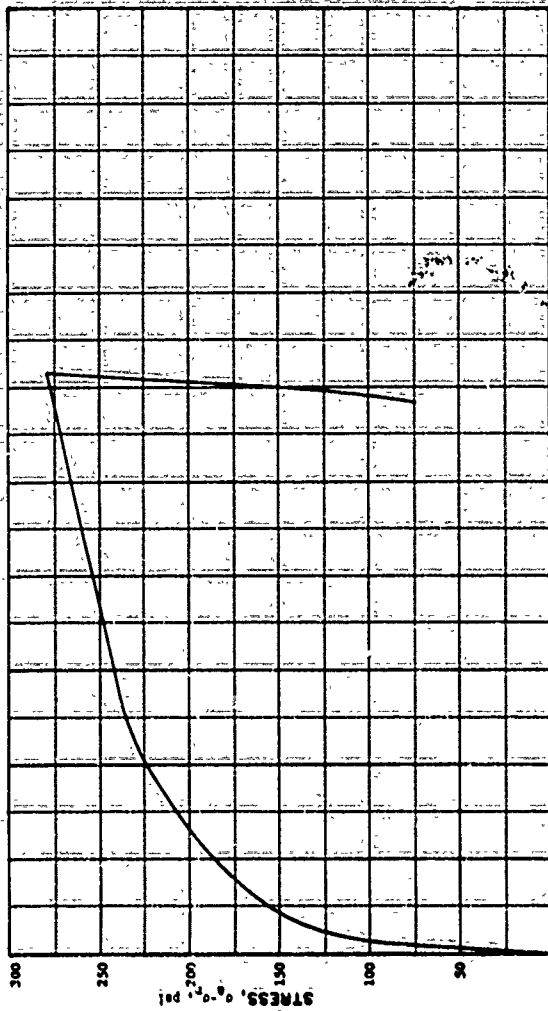
LL: 35 PL: 17 PI: 19

DESCRIPTION: Machine Kill Clay

WATER CONTENT	W	12.47	%
VOID RATIO	e_0	0.82	
SATURATION	S_0	41.17	%
DRY DENSITY	γ_d	92.48	PCF
WET DENSITY	γ	104.24	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



STRAIN, RADIAL, PERCENT
DIAMETER INCREASE

HYDROSTATIC PRESSURE, PSI

PROJECT: Co. Tech. B-602;	
Contract No. DAC39-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 335
DEPTH:	DATE
EL.	PL 17
LL 36	PI 19
DESCRIPTION: Matching Bell Clay	

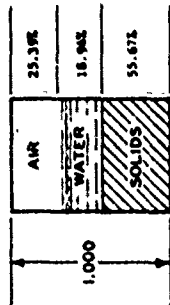
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

Group B

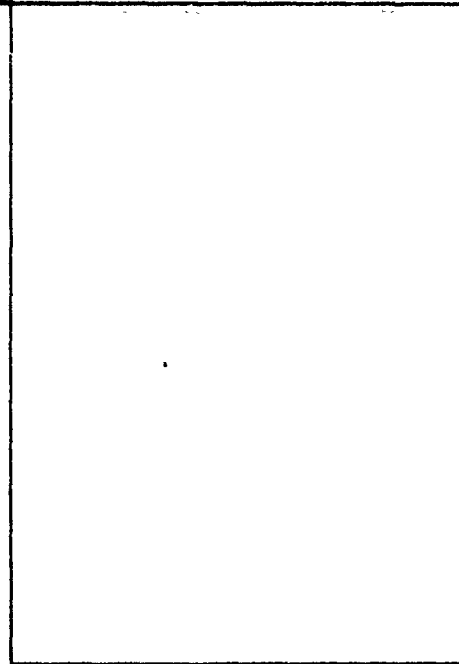
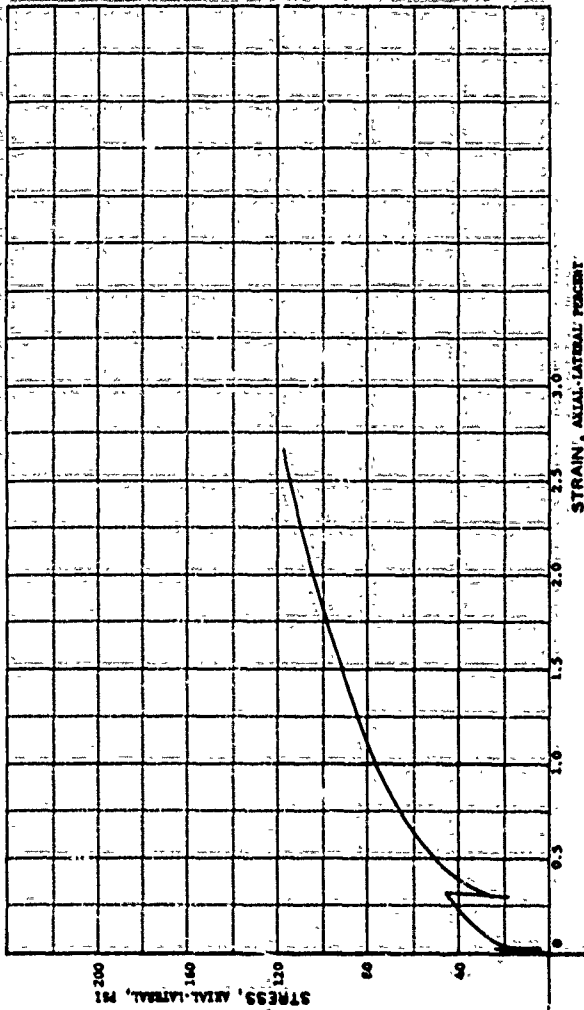
Triaxial Tests, Cyclic

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WATER CONTENT	W	12.60	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	43.73	%
DRY DENSITY	γ_d	99.79	PCF
WET DENSITY	γ	105.61	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	M_0	7.60	CM



HYDROSTATIC COMPRESSION PHASE



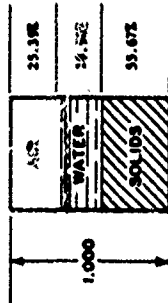
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p , PSI

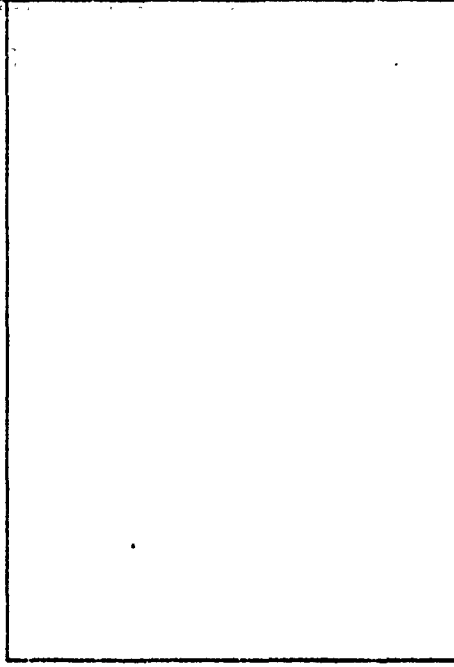
PROJECT: Geosys Institute of Technology 8-602	
Contract No. DMC139-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 319
DEPTH	DATE
EL.	
LL 36	PL 17
	PI 19
DESCRIPTION: Matching Hill Clay	
Triaxial, Cycle @ 35% and 75%	
Lateral Pressure, 100 psi	

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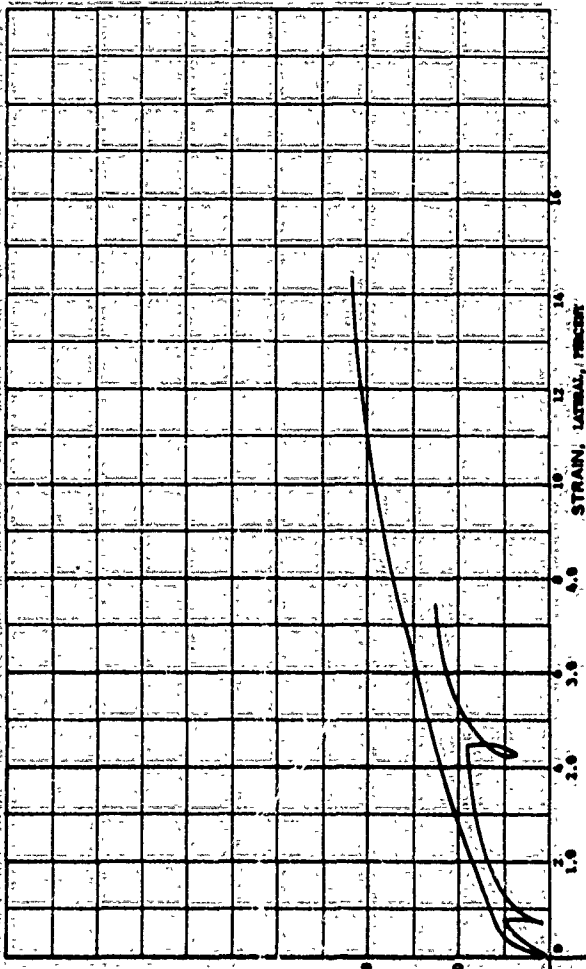
WATER CONTENT	W	12.48	%
VOID RATIO	e_v	0.66	
SATURATION	S_w	43.73	%
DRY DENSITY	γ_d	99.79	PCF
WET DENSITY	γ	107.61	PCF
SPECIFIC GRAVITY	G_s	2.78	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.68	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

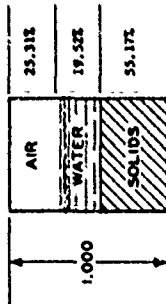


STRESS, ASTM-LATERAL, PSI

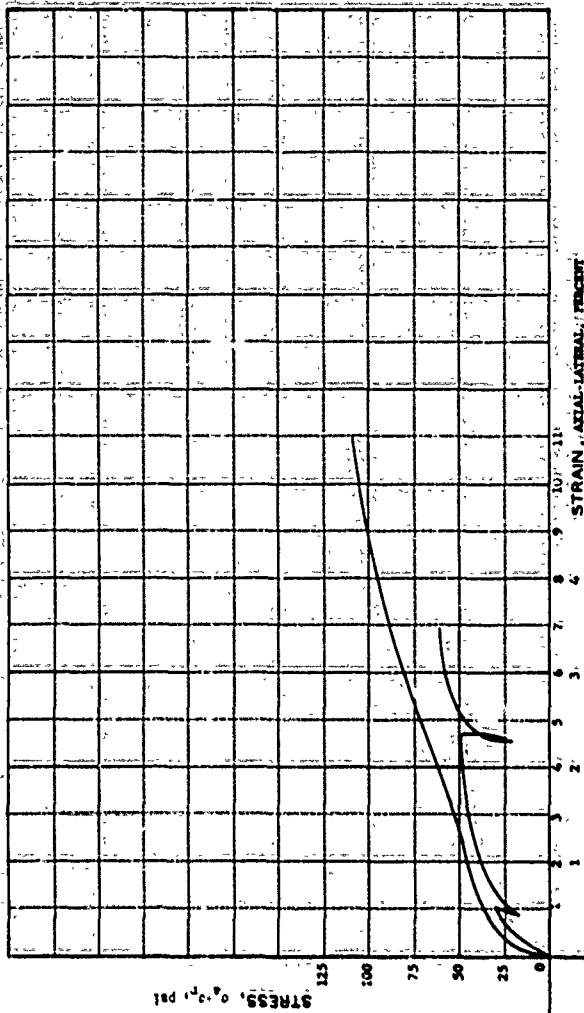
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology 8-608			
Contract No. BMCA39-67-C-0051			
AREA			
BORING NO.	SAMPLE NO. 319		
DEPTH	DATE		
EL.	PL. 36	17	PI. 13
DESCRIPTION: Washing Hill Clay			
Triaxial, Cyclic 0.35% and 75%			
Lateral Pressure: 100 psi			

WATER CONTENT	W	13.10	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	43.54	%
DRY DENSITY	γ_d	92.95	PCF
WET DENSITY	γ	105.14	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



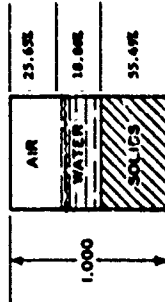
HYDROSTATIC PRESSURE, p, PSI

172

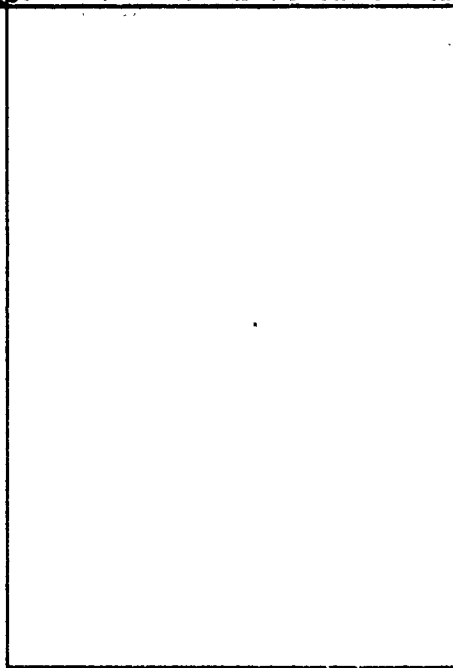
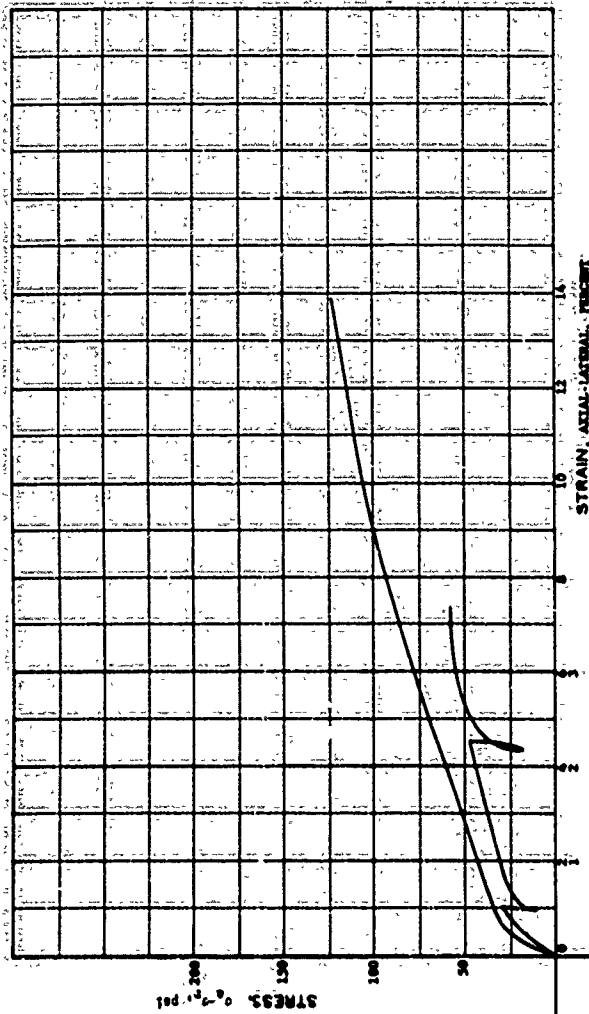
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology, E-602	
(Contract No.: DAC39-67-C-0051)	
AREA:	
BORING NO.	SAMPLE NO. 347
DEPTH:	DATE:
ELL:	
LL 36	PL 17
	PI 19
DESCRIPTION: Matching Mill Clay	
Triaxial-Cyclic Shear @ 35% and 75%	

WATER CONTENT	W	12.59	%
VOID RATIO	e_0	0.80	
SATURATION	S_u	42.34	%
DRY DENSITY	γ_d	59.49	PCF
WET DENSITY	γ	105.24	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

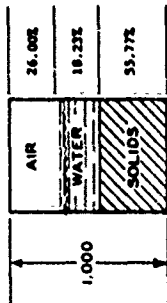


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

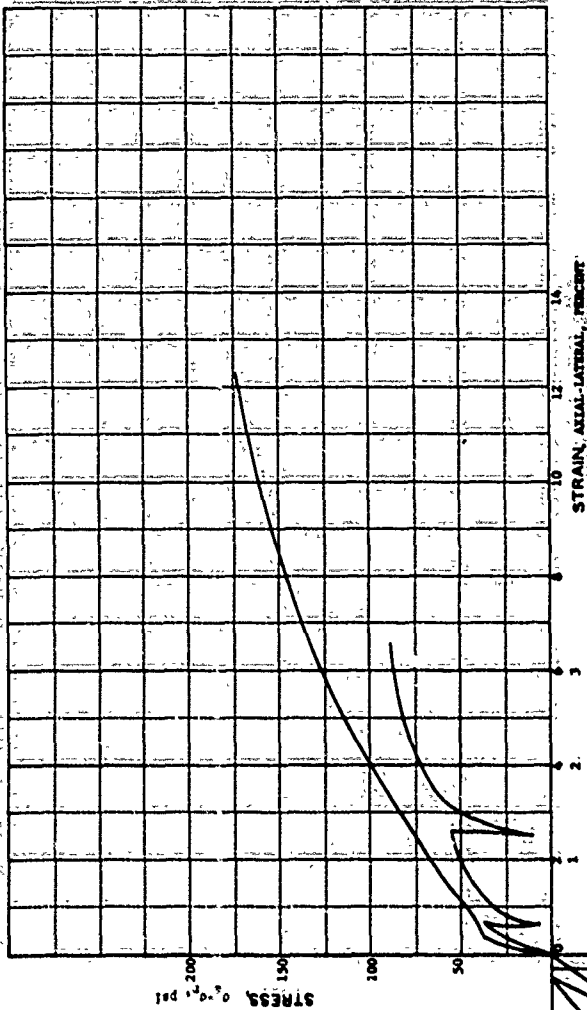
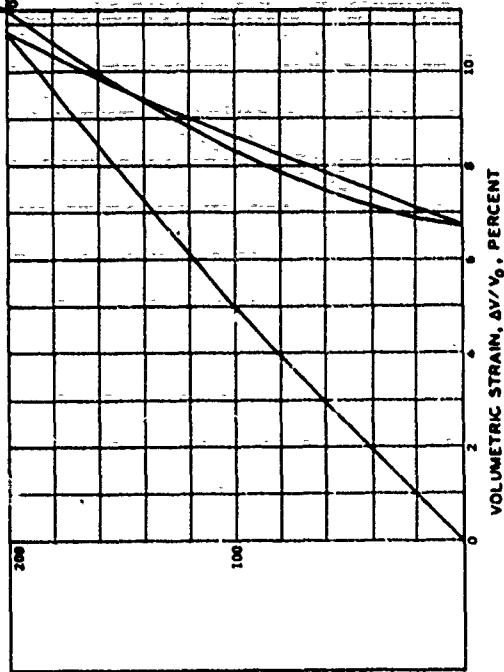
HYDROSTATIC PRESSURE, p , PSI

PROJECT: Georgia Institute of Technology 9-602		
(Contract No. DCA39-67-C-0051)		
AREA:		
BORING NO.:	SAMPLE NO. 330	
DEPTH:	DATE:	
EL:		
LL 36	PL 37	PI 19
DESCRIPTION: Machine B111/1107		
Triaxial-Cycle shear @ 35% and 17%		

WATER CONTENT	W	12.11 %
VOID RATIO	e_0	0.79
SATURATION	S_0	41.23 %
DRY DENSITY	γ_d	99.96 PCF
WET DENSITY	γ	109.34 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.43 CM



HYDROSTATIC COMPRESSION PHASE



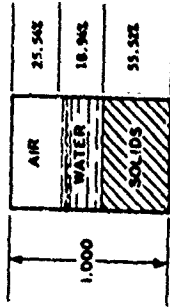
PROJECT: Georgia Institute of Technology B-602
 Contract No. DMC33-67-C-0931

AREA: _____

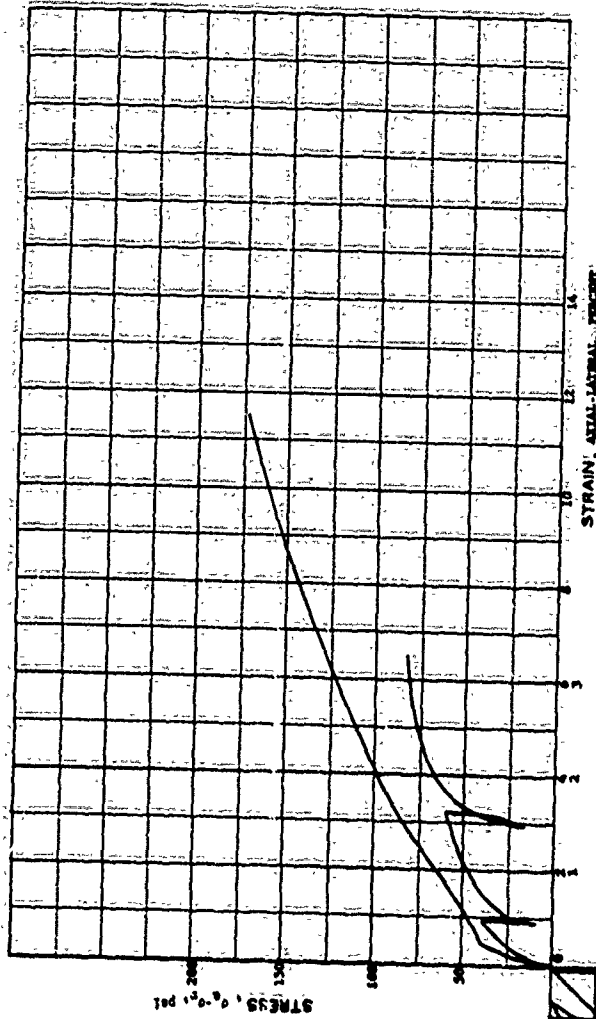
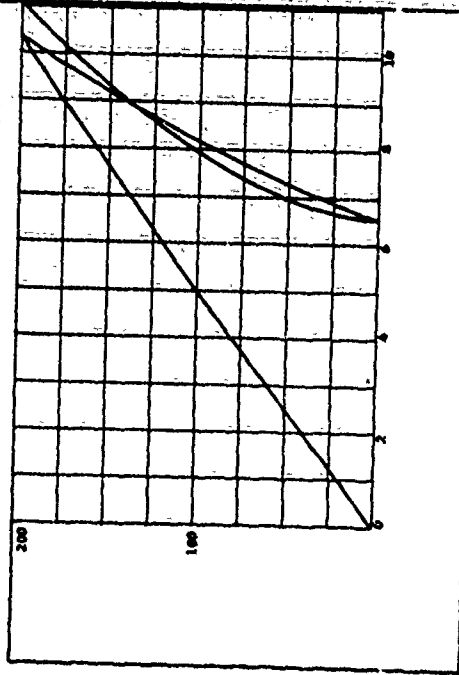
BORING NO.: _____ SAMPLE NO.: 260
 DEPTH: _____ DATE: _____
 EL: _____ PL: 17 PI: 19

DESCRIPTION: Marching Hill Clay
 Istanbul, Cycle Compression,
 Cycle Shear (0.3%)

WATER CONTENT	W	12.64 %
VOID RATIO	e_0	0.80
SATURATION	S_v	42.26 %
DRY DENSITY	γ_d	95.23 PCF
WET DENSITY	γ	109.35 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.42 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology E-502
Contract No.: DCA39-57-C-0051

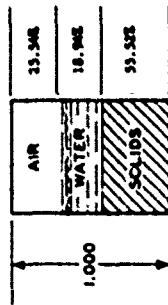
AREA: _____

BORING NO. _____ SAMPLE NO. 203
DEPTH: _____ DATE: _____
E.L. _____

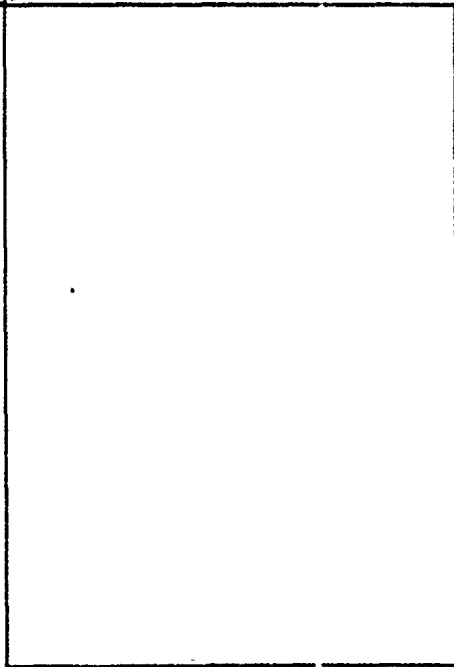
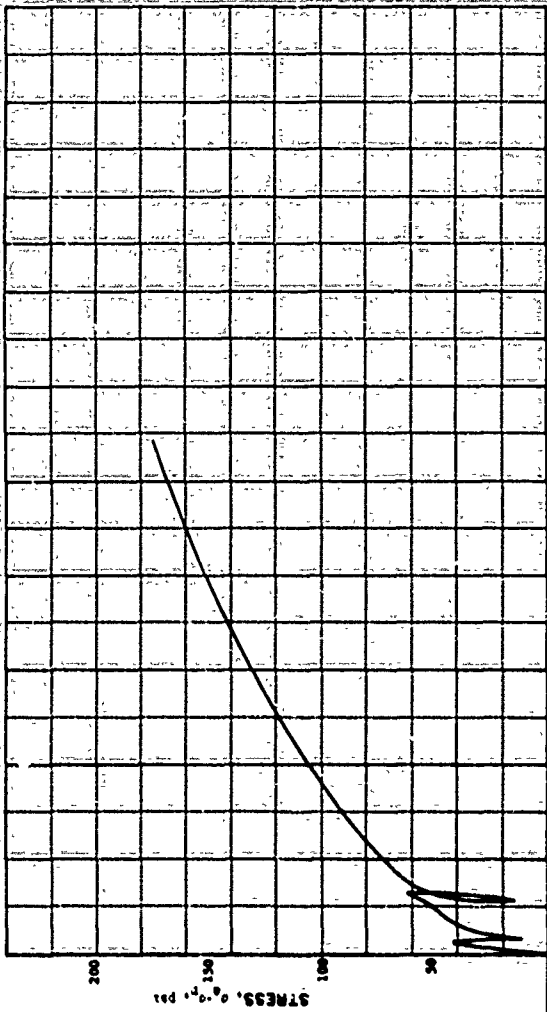
LL 36 PL 17 PI 19

DESCRIPTION: matching #111 clay
Triaxial-Cyclic Compression, Cycle Shear @ 32%

WATER CONTENT	W	12.64	%
VOID RATIO	e_s	0.80	
SATURATION	S_u	42.38	%
DRY DENSITY	γ_d	95.53	PCF
WET DENSITY	γ	105.35	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_o	3.49	CM
SPECIMEN HEIGHT	H_o	7.62	CM



HYDROSTATIC COMPRESSION PHASE

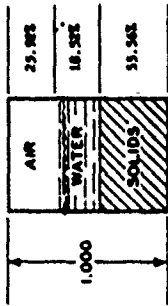


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

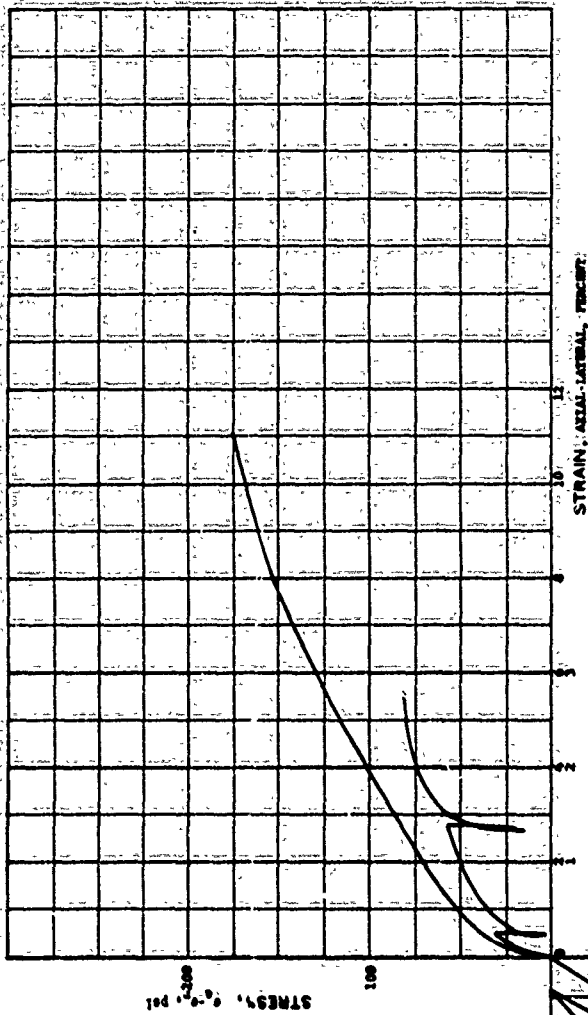
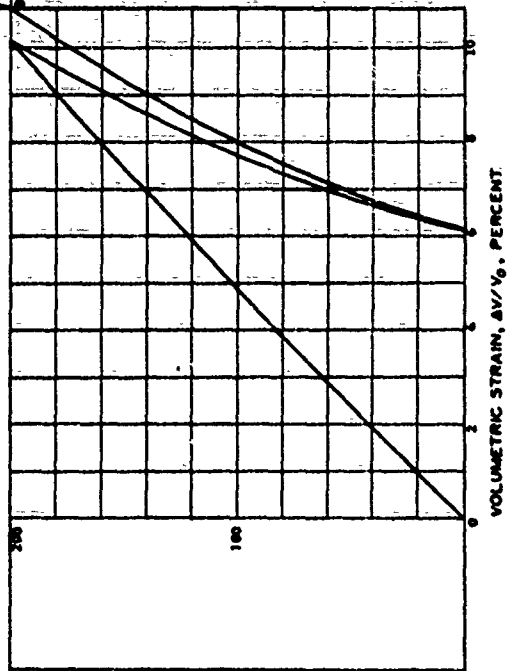
PROJECT Georgia Institute of Technology B-602	
Contract No. DMD319-67-C-0021	
AREA	
BORING NO.	SAMPLE NO. 263
DEPTH, FEET	DATE
LL 36	PL 17
	PI 19
DESCRIPTION Machine Mill Clay	
Triaxial-Cycle Shear 3 331	

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.24 %
VOID RATIO	e_v	0.89
SATURATION	S_v	41.66 %
DRY DENSITY	γ_d	99.61 PCF
WET DENSITY	γ	105.17 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



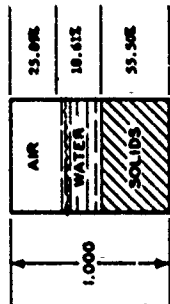
PROJECT: Georgia Institute of Technology 8-602
Contract No. MCA39-67-C-0031

AREA: _____

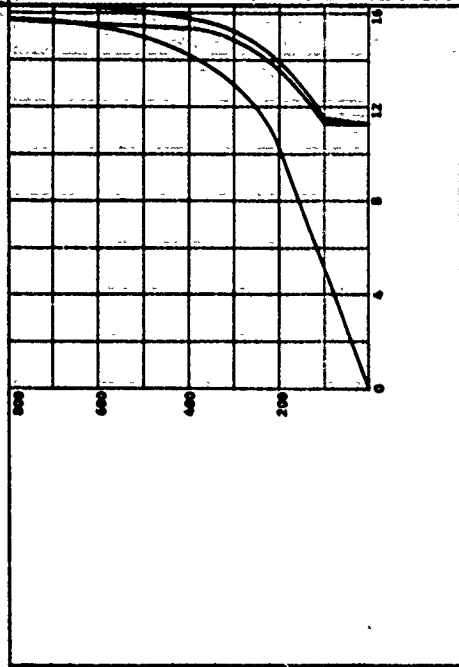
BORING NO.: _____ SAMPLE NO.: 346
DEPTH: _____ DATE: _____
EL: _____ PL: 17 PI: 19

DESCRIPTION: Matching Bell Clay
Triaxial-Cyclic Compression, Cycle Shear @ 35% and 75%

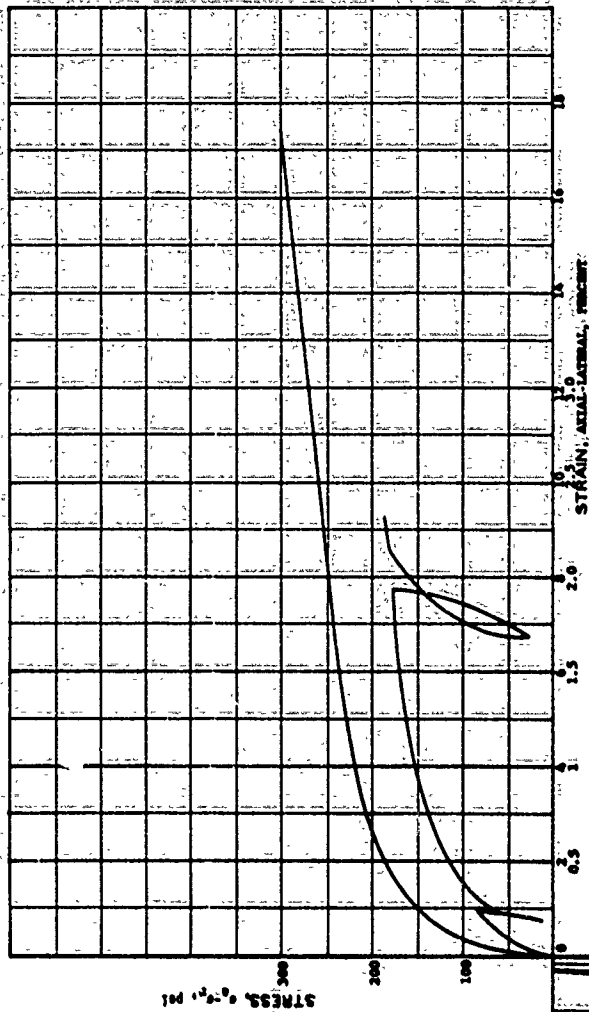
WATER CONTENT	W	12.42 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.82 %
DRY DENSITY	γ	99.31 PCF
WET DENSITY	γ	109.12 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.48 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, dv/v_0 , PERCENT



PROJECT: Georgia Institute of Technology E-608
Contract No. DAC39-67-C-0091

AREA: _____

BORING NO. _____ SAMPLE NO. 272

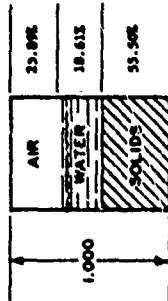
DEPTH: _____ DATE _____

ELL. 36 PL 17 PT 19

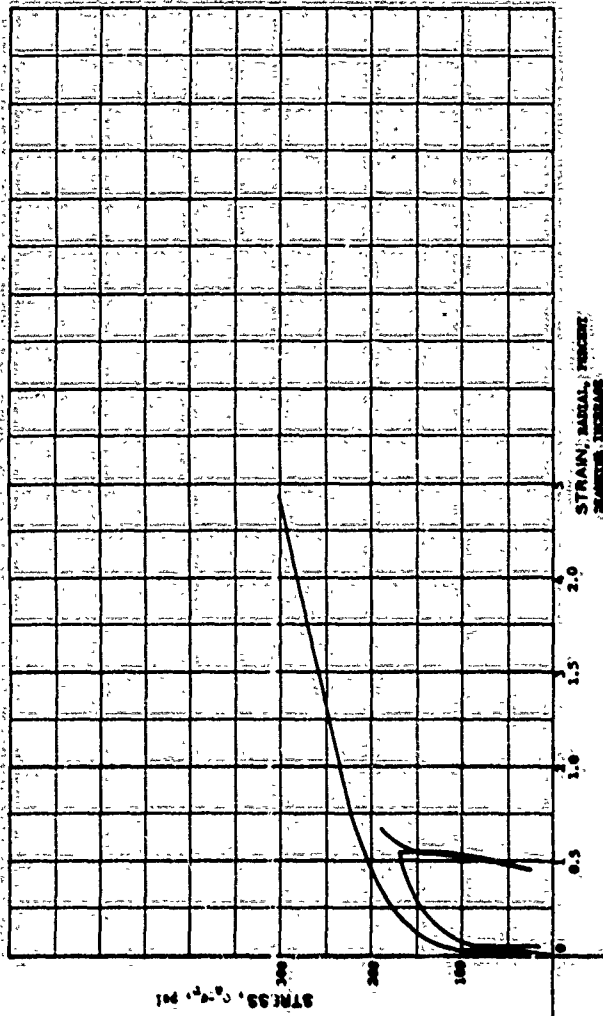
DESCRIPTION: Machine Hill Clay
Triaxial-Cycle Compression; Cycle Shear @ 37% and 17%

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.42	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	41.82	%
DRY DENSITY	γ_d	89.51	PCF
WET DENSITY	γ	109.12	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

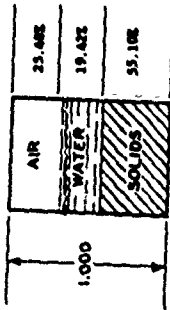


HYDROSTATIC PRESSURE, P, PSI

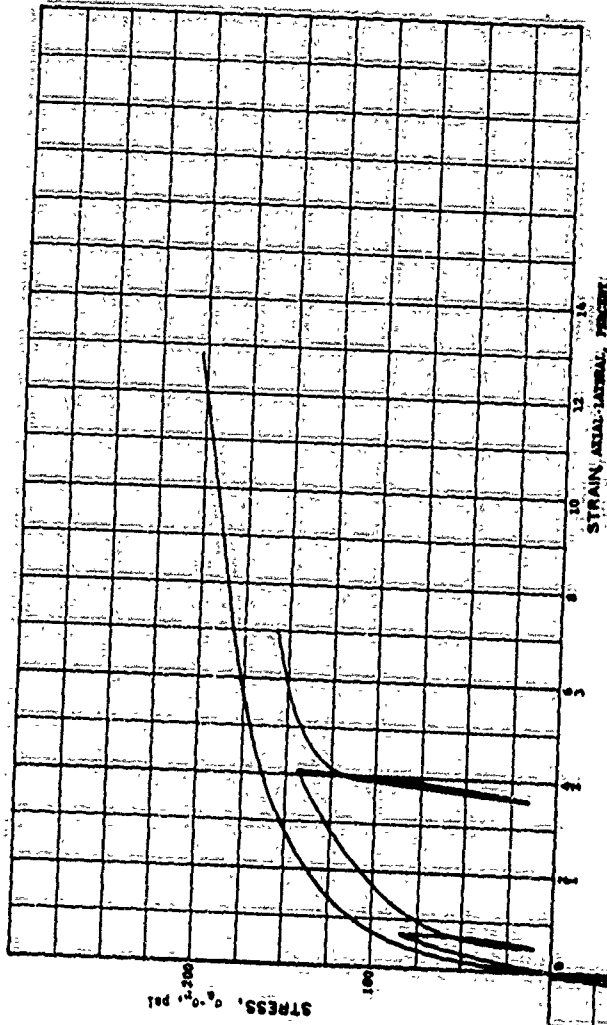
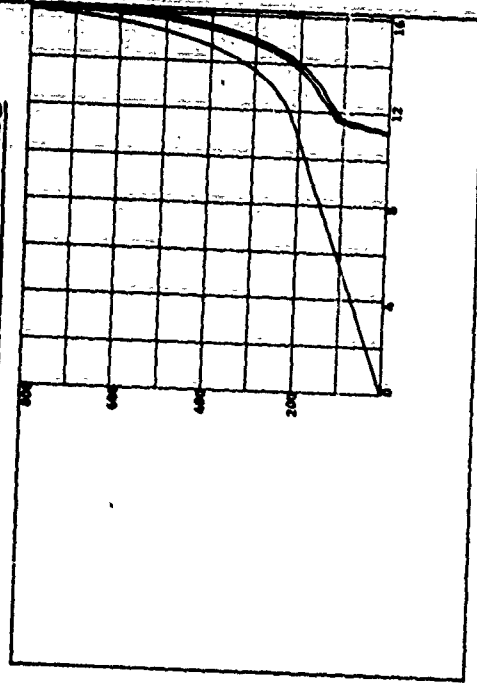
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology B-602	
Contract No. IM0119-67-C-0051	
AREA:	
BORING NO.	SAMPLE NO. 272
DEPTH	DATE
EL	
LL	PL 17
	PI 19
DESCRIPTION: Machine Mill Clay	
Triaxial-Cyclic Stress @ 33% and 17%	

WATER CONTENT	W	23.06 %
VOID RATIO	e_0	0.81
SATURATION	S_0	43.25 %
DRY DENSITY	γ	88.85 PCF
WET DENSITY	γ_s	106.95 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.30 CM
SPECIMEN HEIGHT	H_0	7.63 CM

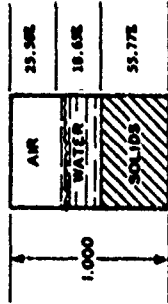


HYDROSTATIC COMPRESSION PHASE

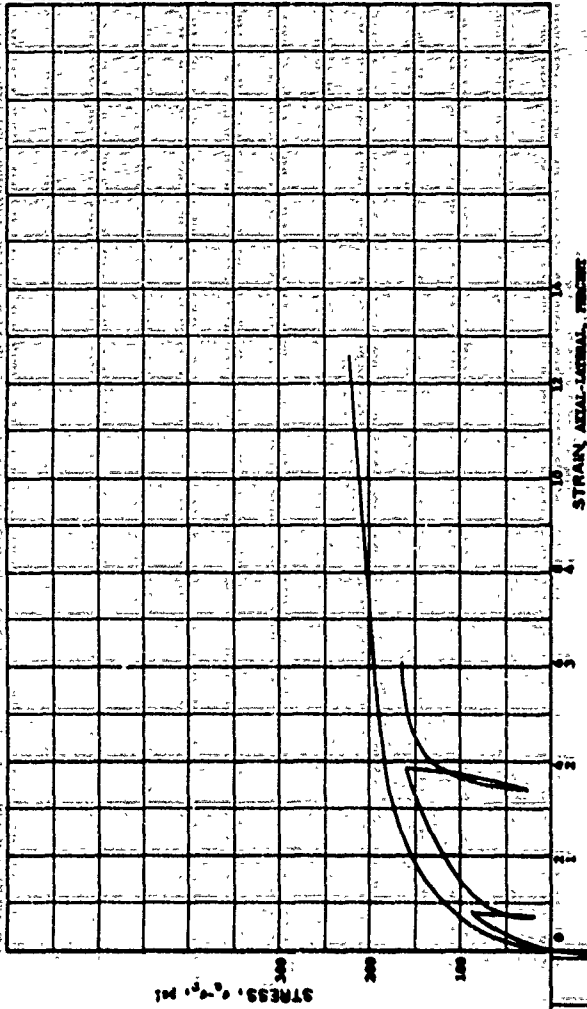
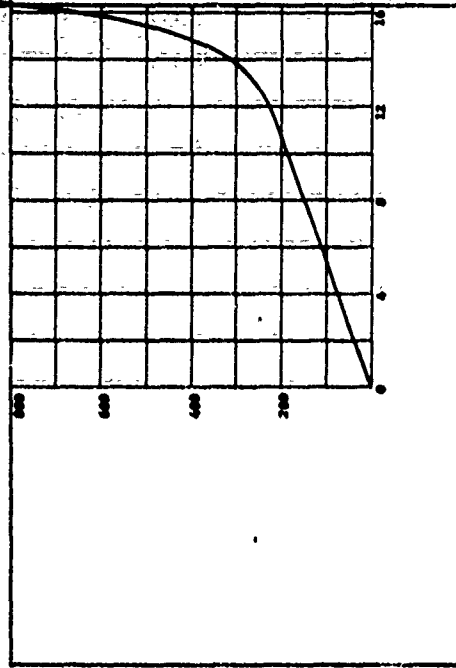


PROJECT: Georgia Institute of Technology 3-603		
Contract No. DACW39-67-C-0031		
AREA:		
BORING NO.	SAMPLE NO. 27A	
DEPTH:	DATE	
EL.		
LL 34	PL 17	PI 19
DESCRIPTION: BRESLER BALL TEST		
Triaxial-Cyclic Compression; Cyclic Shear @ 3PI and 7PI		

WATER CONTENT	W	12.39	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.16	%
DRY DENSITY	γ_d	99.96	PCF
WET DENSITY	γ	109.99	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology, B-602
Contract No. MCA39-67-C-0051

AREA: _____

BORING NO. _____ SAMPLE NO. 273

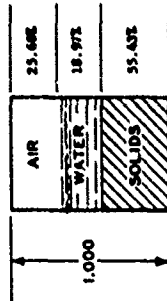
DEPTH _____ DATE _____

CL _____

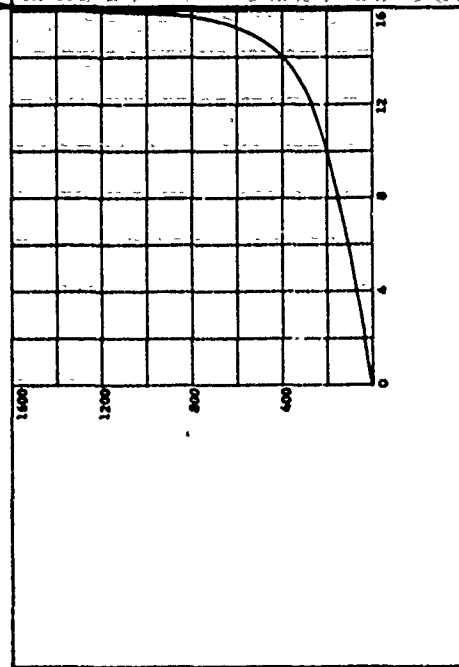
LL 26 PL 17 PI 19

DESCRIPTION: Single Illiometer
Triaxial-Cycle Shear @ 15% and 17%

WATER CONTENT	W	12.56	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.56	%
DRY DENSITY	γ_d	93.38	PCF
WET DENSITY	γ	105.22	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.60	CM

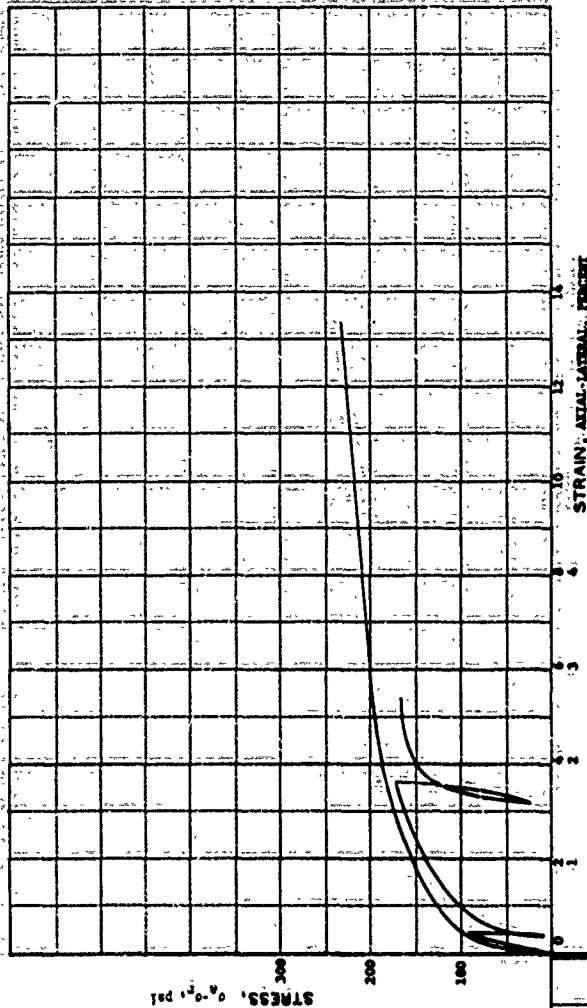


HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, ΔV/V₀, PERCENT

HYDROSTATIC PRESSURE, p, PSI



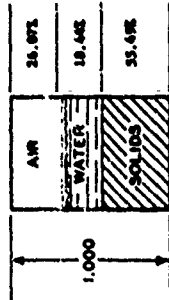
PROJECT Georgia Institute of Technology B-602
 Contract No. INCA39-57-C-0051

AREA: _____

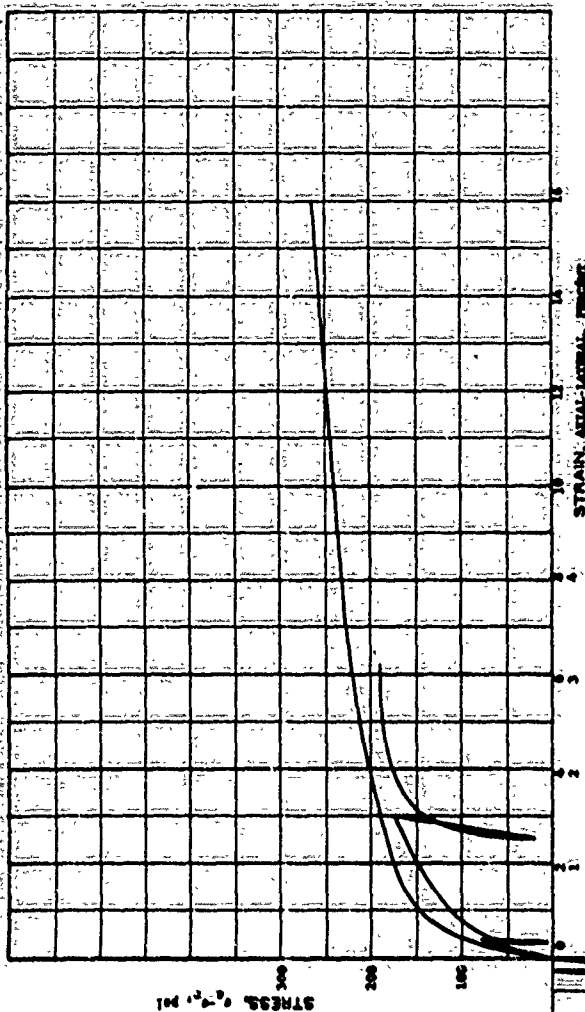
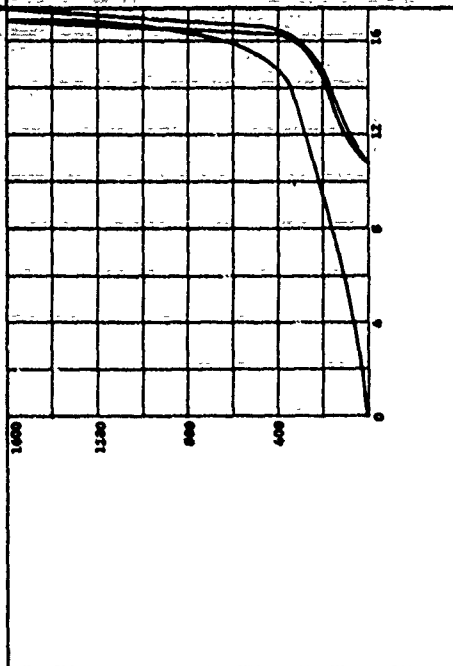
BORING NO. _____ SAMPLE NO. 217
 DEPTH _____ DATE _____
 EL. _____ PL. 17 PI. 19

DESCRIPTION: Matching Mill Clay
 Triaxial-Cycle Shear (Q 375 and 75)

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.46 %
DRY DENSITY	γ	98.46 PCF
WET DENSITY	γ	106.99 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	2.49 CM
SPECIMEN HEIGHT	H_0	7.61 CM



HYDROSTATIC COMPRESSION PHASE

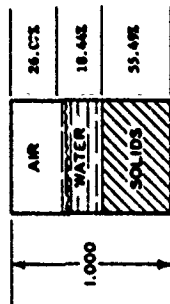


PROJECT		Georgia Institute of Technology B-602	
CONTRACT NO.		SMC39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO. 752		
DEPTH	DATE		
E.L.	PL	17	P1 19
DESCRIPTION: Metching Hill Clay			
Triaxial-Cycle Compression, Cycle Sheet # 38 and 39.			

HYDROSTATIC PRESSURE, P, PSI

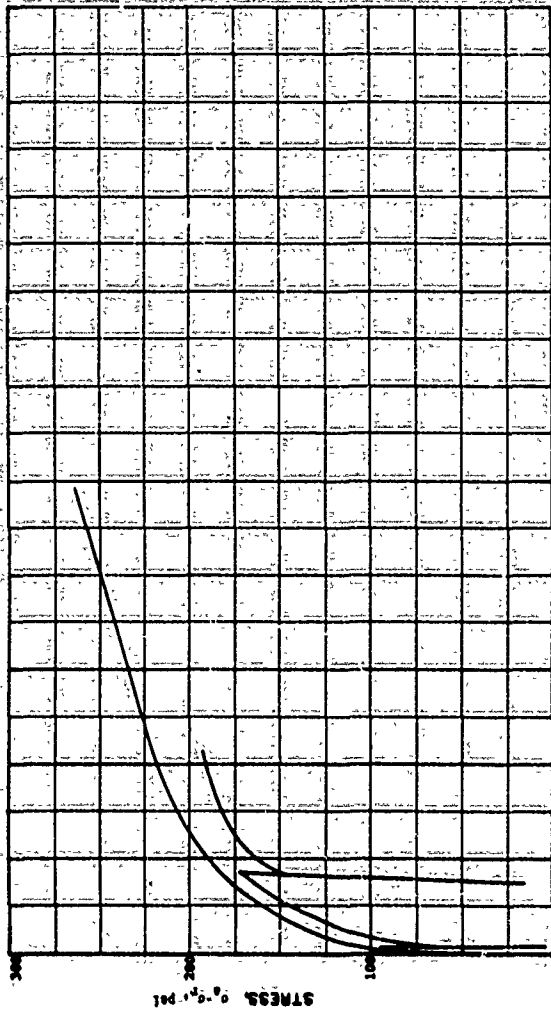
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.88
SATURATION	S_u	41.44 %
DRY DENSITY	γ_d	99.48 PCF
WET DENSITY	γ	106.99 PCF
SPECIFIC GRAVITY	G_s	2.78
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.61 CM



HYDROSTATIC COMPRESSION PHASE

HYDROSTATIC PRESSURE, P, PSI

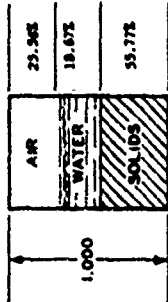


STRAIN, PERCENT
NUMBER INCREASE

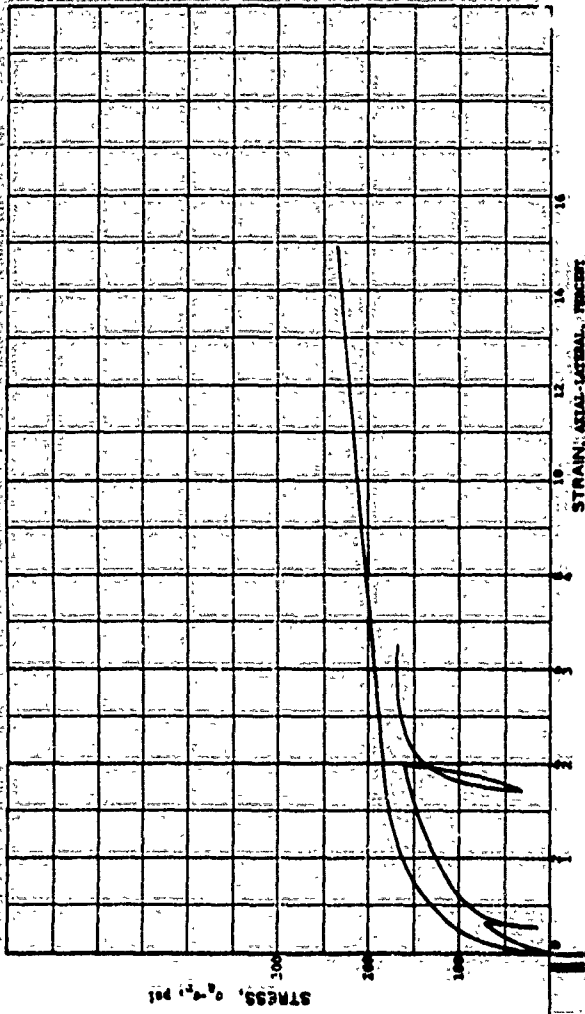
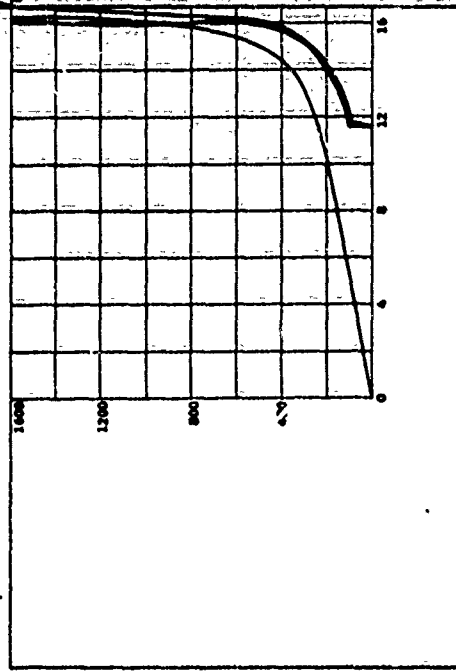
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: General Institute of Technology B-602	
Contract No. DACW39-67-C-0091	
AREA:	
BORING NO.	SAMPLE NO. 242
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION: matching Bill City	
Triaxial-Cyclic Shear @ 33% and 75%	

WATER CONTENT	W	12.46	%
VOID RATIO	e_0	0.79	
SATURATION	S_r	43.21	%
DRY DENSITY	γ_d	99.96	PCF
WET DENSITY	γ	105.61	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_g	3.49	CM
SPECIMEN HEIGHT	H_g	7.62	CM



HYDROSTATIC COMPRESSION PHASE

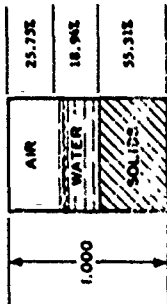


PROJECT Georgia Institute of Technology B-600
Contract No. DCA39-67-G-0031

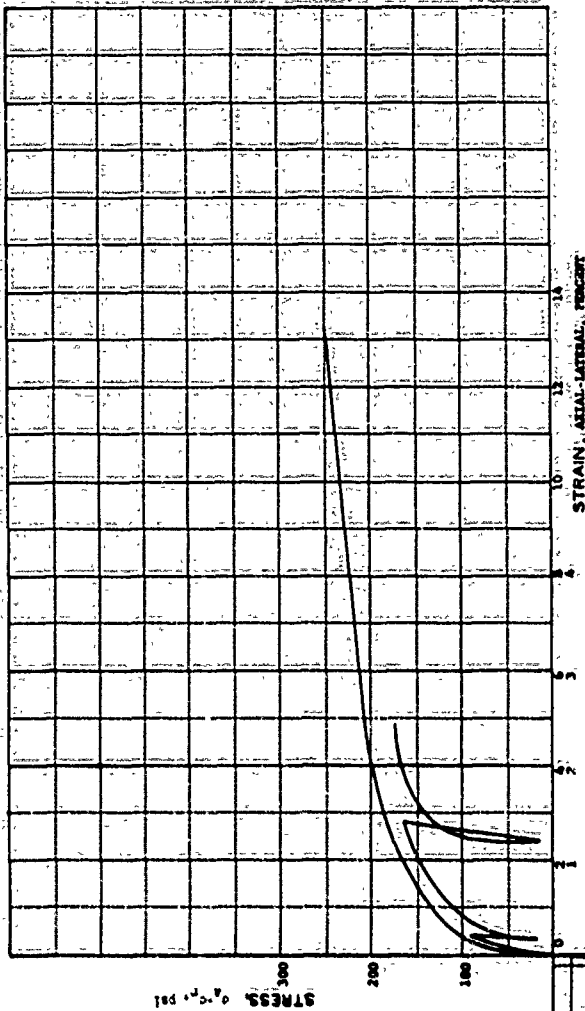
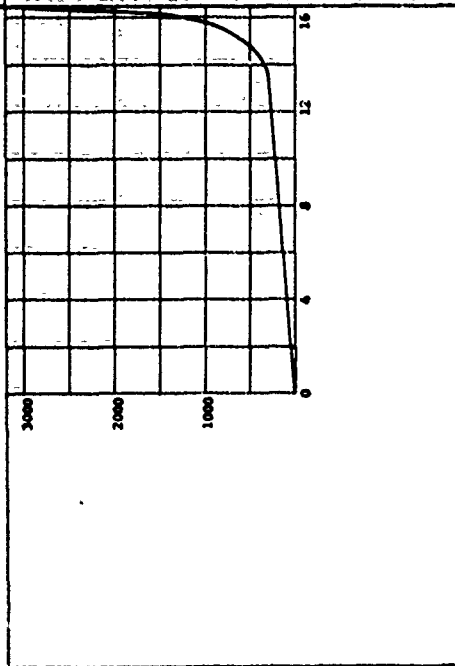
AREA: _____ SAMPLE NO. 276
BORING NO. _____ DATE _____
DEPTH _____ PL 17 PI 19
E.L. _____

DESCRIPTION MATHEW HILL CLAY
Triaxial-Cycle Compression, Cycle shear @ 32% and 7%

WATER CONTENT	W	12.68 %
VOID RATIO	e_0	0.81
SATURATION	S_r	42.27 %
DRY DENSITY	γ_d	93.19 PCF
WET DENSITY	γ	105.01 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.61 CM

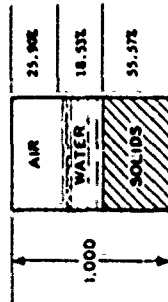


HYDROSTATIC COMPRESSION PHASE

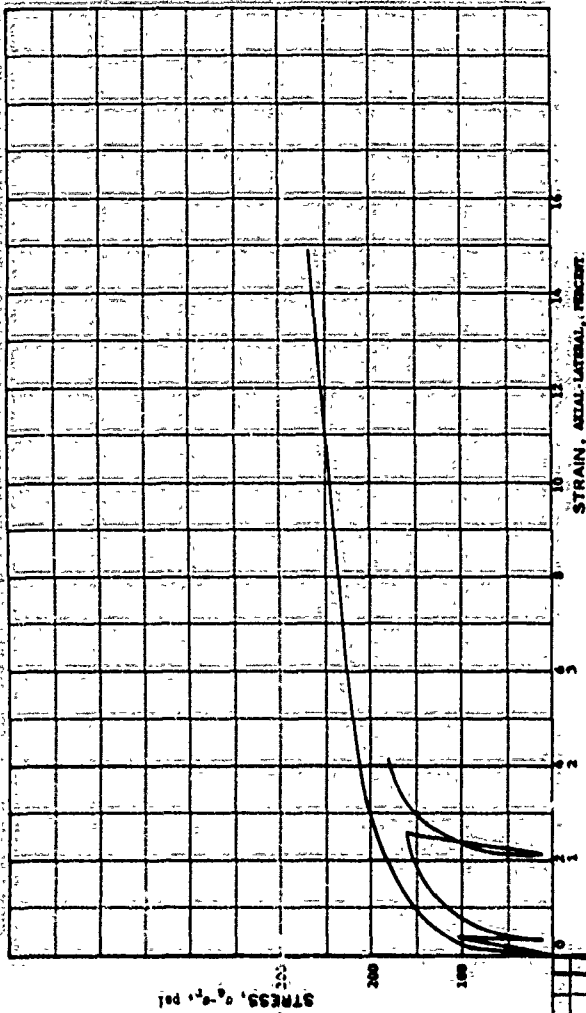
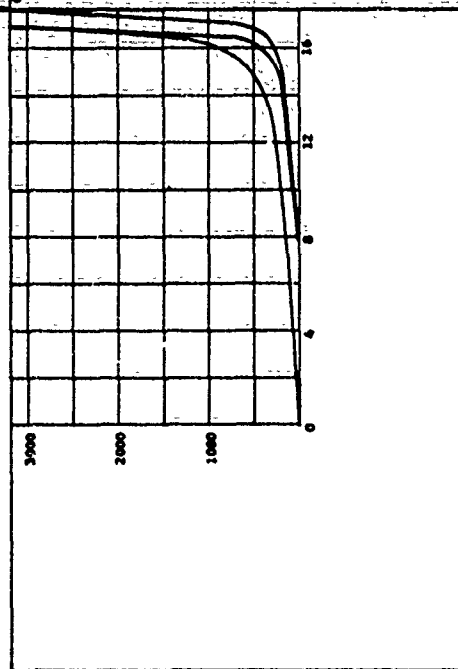


PROJECT: Georgia Institute of Technology B-602	
(Contract No. - DAC39-67-G-0051)	
AREA	
BORING NO.	SAMPLE NO. 202
DEPTH, FEET	DATE
LL 36	PL 37
	PI 19
DESCRIPTION: Washburn Mill Clay	
Triaxial-Cycle Sheet 6-352 and 752	

WATER CONTENT	W	12.35	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	41.70	%
DRY DENSITY	γ_d	99.62	PCF
WET DENSITY	γ	105.18	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology B-602
Contract No. DAC39-67-C-0051

AREA: _____

BORING NO.: _____ SAMPLE NO.: 205

DEPTH: _____ DATE: _____

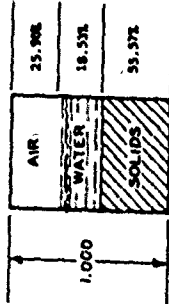
EL.: _____ PL: 17 PI: 19

DESCRIPTION: Machine III Clay
Triaxial-Cyclic Compression; Cyclic Shear @ 35% and 75%

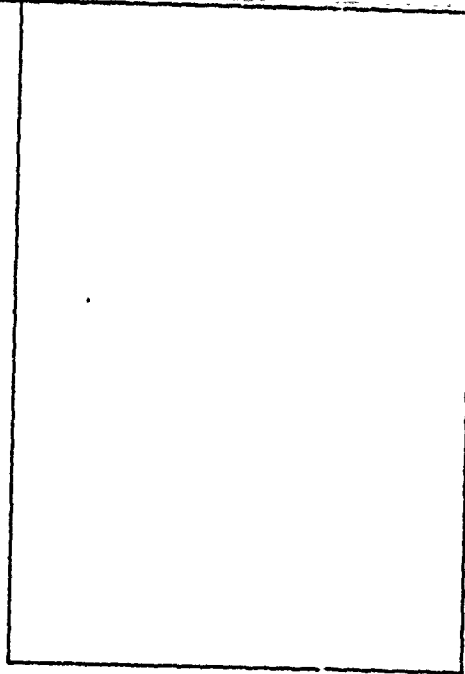
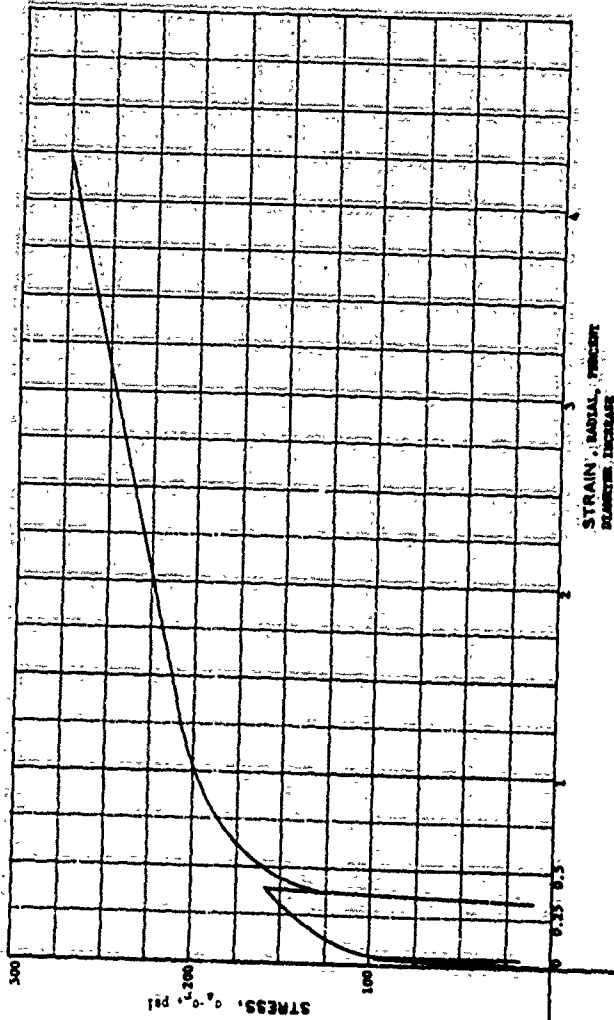
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN; $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.35	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.70	%
DRY DENSITY	γ	99.62	PCF
WET DENSITY	γ	105.18	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



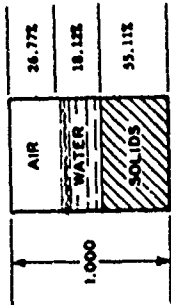
HYDROSTATIC COMPRESSION PHASE



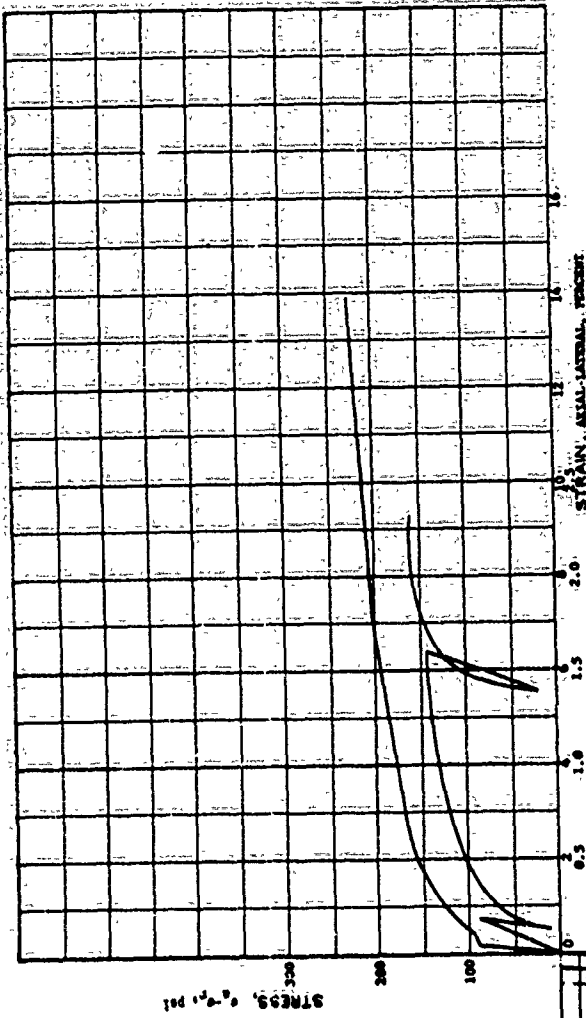
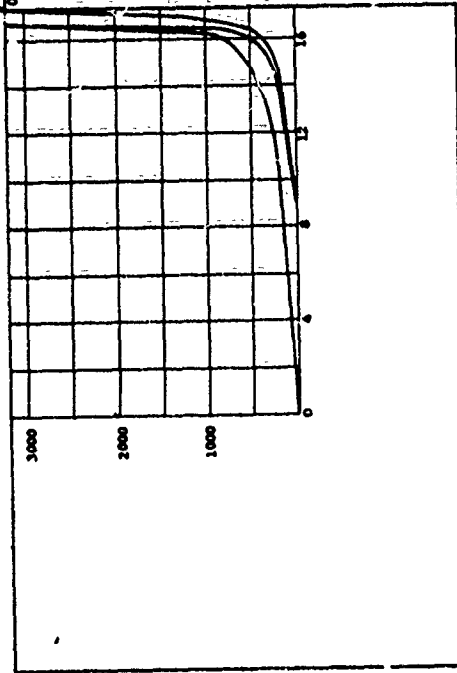
HYDROSTATIC PRESSURE, p , PSI

PROJECT: Georgia Institute of Technology 3-602			
AREA: CHEMIST Bldg. DMCAJSE-87-5-0051			
BORING NO.	SAMPLE NO.	DATE	
DEPTH	EL.	PI	PI
LL	36	17	19
DESCRIPTION: Matching Hill Clay			
Triaxial-Cycle Shear @ 33% and 17%			

WATER CONTENT	W	12.18 %
VOID RATIO	e_0	0.81
SATURATION	S_0	40.36 %
DRY DENSITY	γ_d	92.85 PCF
WET DENSITY	γ	104.15 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.40 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology B-602
 Contract No.: BMO33-87-C-0051

AREA: _____

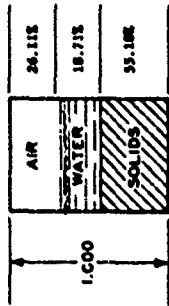
BORING NO. _____ SAMPLE NO. 208

DEPTH: _____ DATE _____

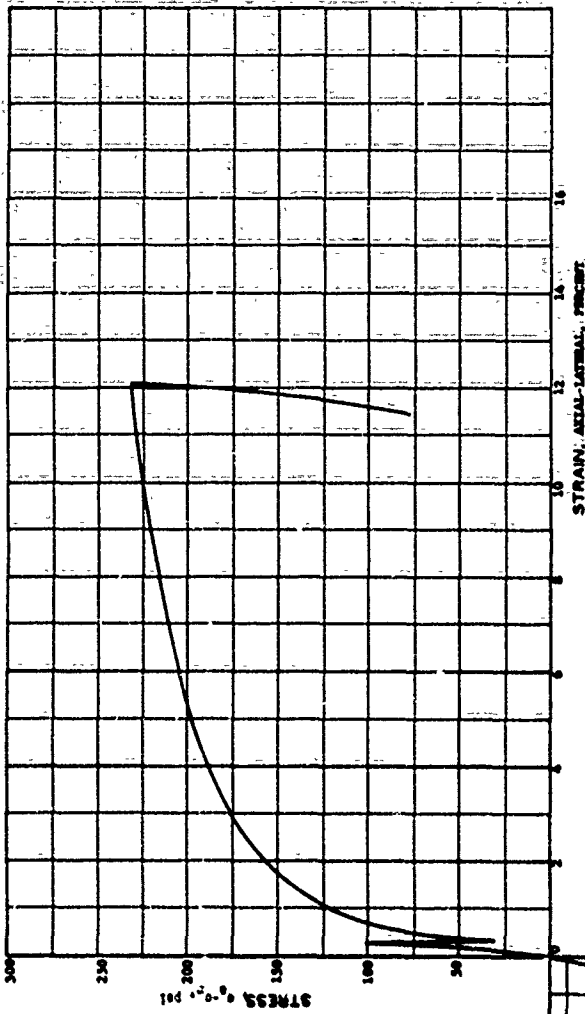
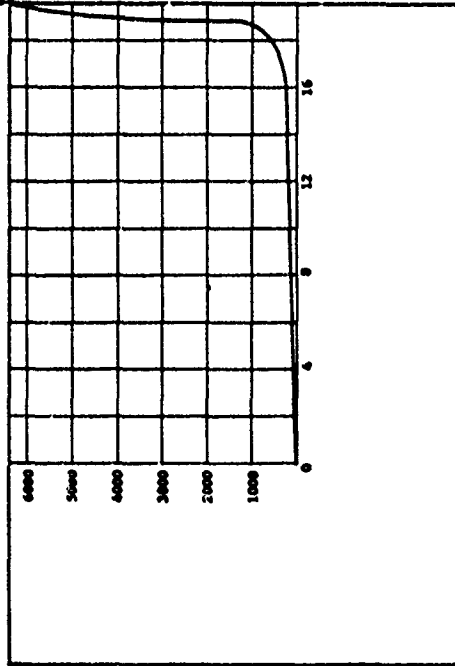
EL _____ PL 36 PI 19

DESCRIPTION: Mixing Mill Clay
 Triaxial-Cycle Compression, Cycle Shear @ 35% and 75%

WATER CONTENT	W	12.56 %
VOID RATIO	e_0	0.81
SATURATION	S_r	61.75 %
DRY DENSITY	γ_d	98.97 PCF
WET DENSITY	γ	104.65 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology B-602
Contract No. DMAS9-67-C-0031

AREA

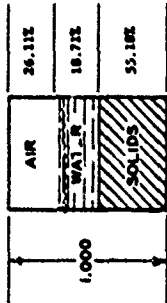
BORING NO. SAMPLE NO. 286
DEPTH: DATE
EL.

LL 36 PL 17 PI 19

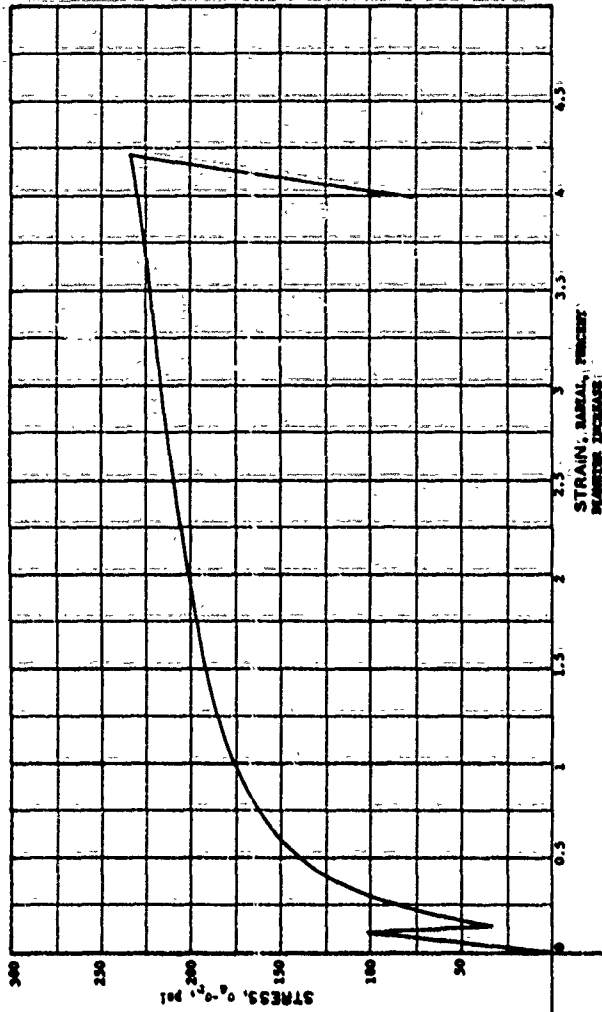
DESCRIPTION: Wetting Bentonite
Intensified-Cycle Shear G-372

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.56	%
VOID RATIO	e_0	0.81	
SATURATION	S_g	41.25	%
DRY DENSITY	γ_d	92.87	PCF
WET DENSITY	γ	104.63	PCF
SPECIFIC GRAVITY	G_s	2.78	
SPECIMEN DIAMETER	D_0	3.36	CM
SPECIMEN HEIGHT	H_0	7.43	CM



HYDROSTATIC COMPRESSION PHASE

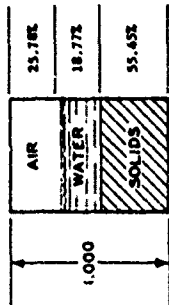


HYDROSTATIC PRESSURE, P, PSI

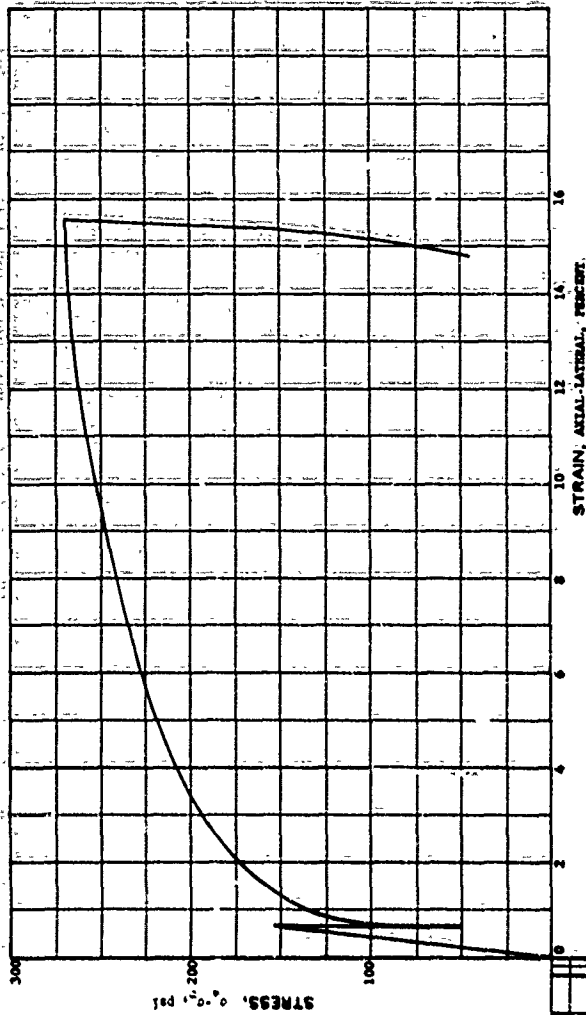
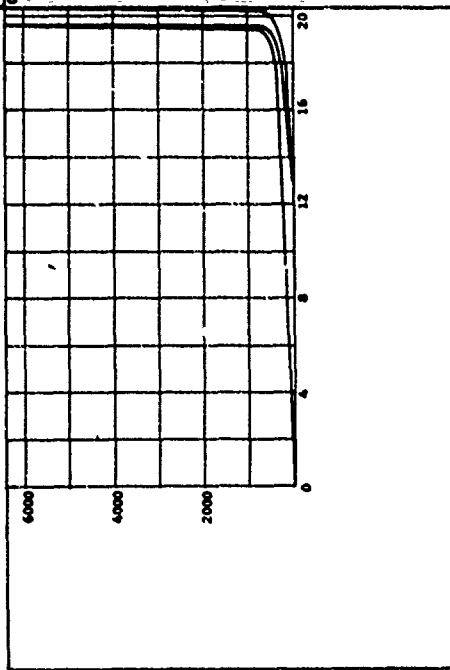
PROJECT: Georgia Institute of Technology B-602	
Contract No. DACW39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 704
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION: <u>Weathered E111 CLAY</u>	
Triaxial-Cyclic Shear @ 33%	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.53	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.13	%
DRY DENSITY	γ_d	93.43	PCF
WET DENSITY	γ	105.14	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT: Georgia Institute of Technology B-602
 Contract No. DAC49-57-C-0031

AREA _____

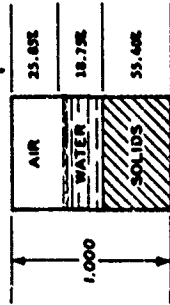
BORING NO. _____ SAMPLE NO. 290

DEPTH _____ DATE _____

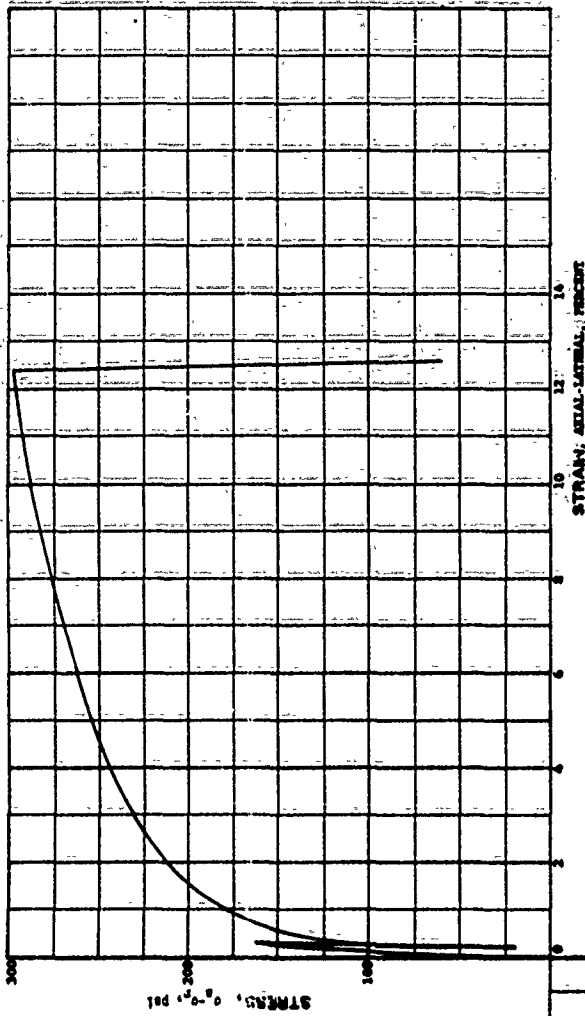
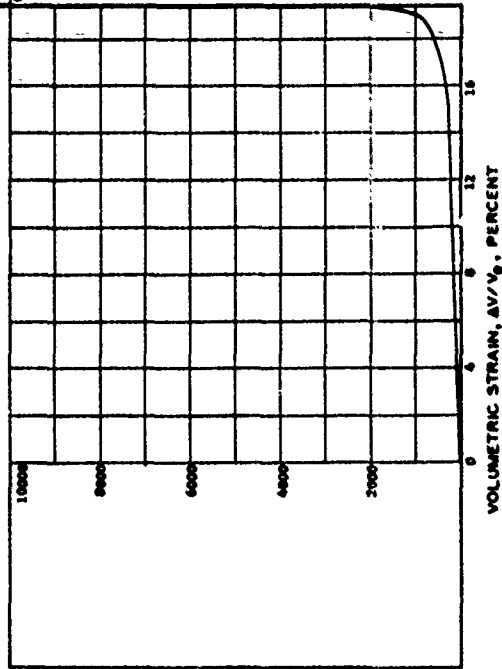
LL 36 PL 17 PL 19

DESCRIPTION: Testing RILUCBY
 Triaxial-Cycle Compression, Cycle 5 Mar. 6 352

WATER CONTENT	W	12.53	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	62.06	%
DRY DENSITY	γ_d	99.34	PCF
WET DENSITY	γ	105.03	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. WCA39-57-C-0051

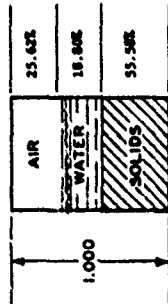
AREA _____

BORING NO. _____ SAMPLE NO. 287
DEPTH: _____ DATE _____
ELL _____

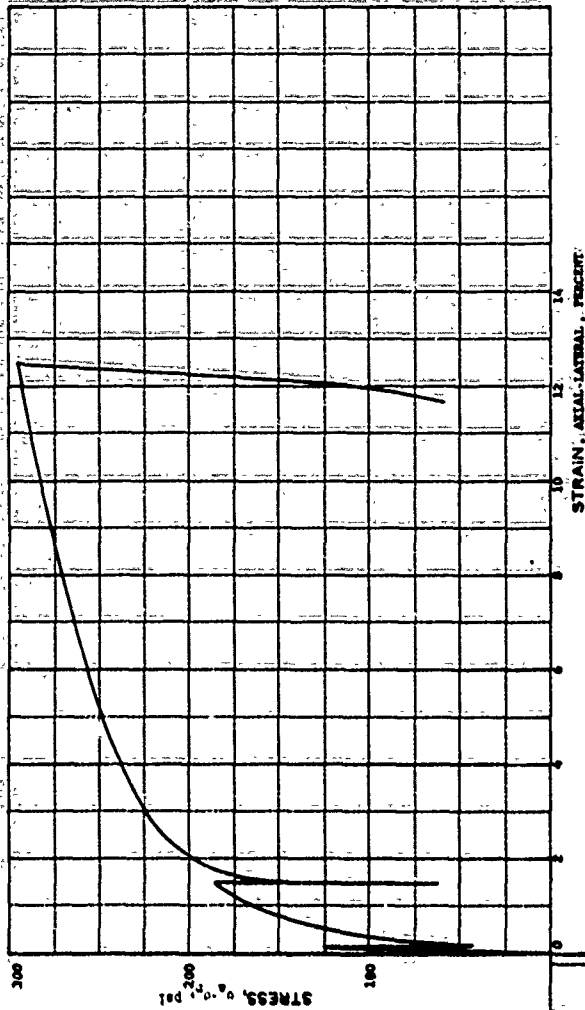
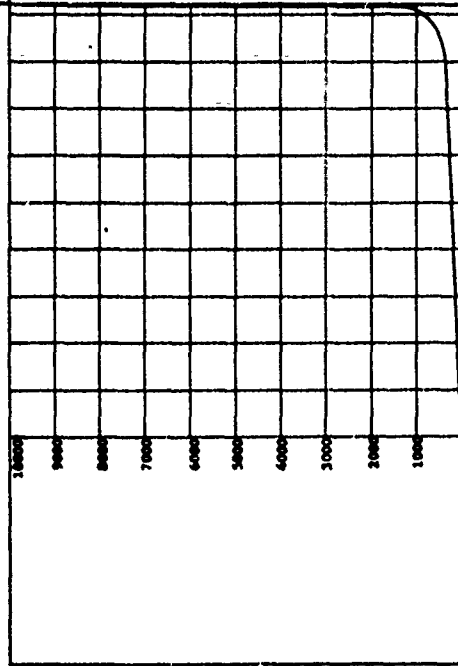
L.L. 36 P.L. 17 P.I. 19

DESCRIPTION Machine B111 Clay
Triaxial-Cycle Shear @ 35%

WATER CONTENT	W	12.33	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.31	%
DRY DENSITY	γ_d	99.43	PCF
WET DENSITY	γ	109.34	PCF
SPECIFIC GRAVITY	G_s	2.70	
STEM DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM

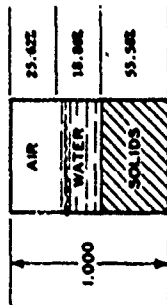


HYDROSTATIC COMPRESSION PHASE

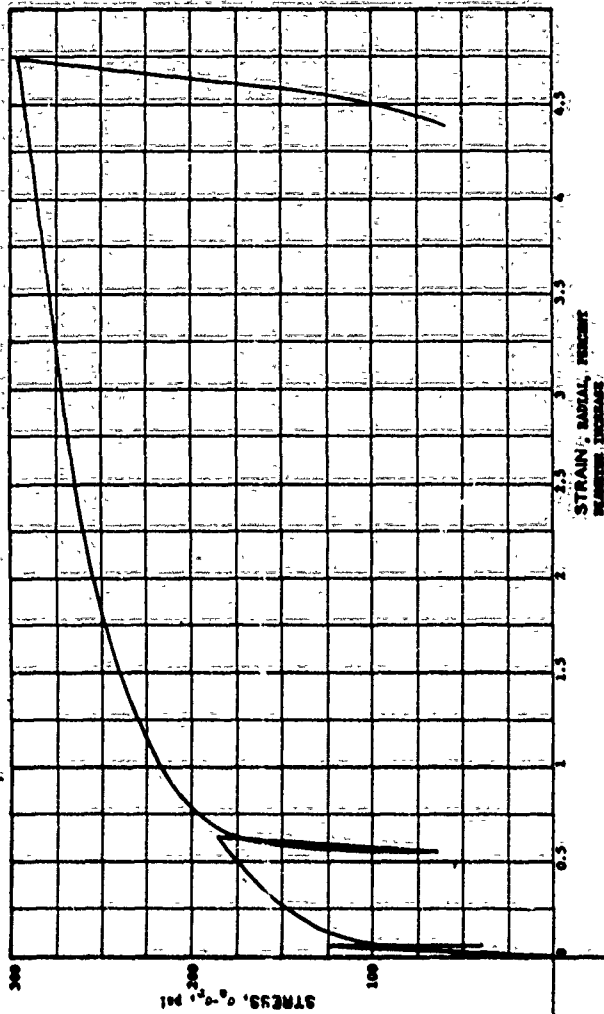


PROJECT		Genesis Institute of Technology B-102	
Contract No.		MCA39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.	289	
DEPTH	DATE		
LL	PL	17	PI 19
DESCRIPTION: Matching Mill Clay			
Triaxial-Cyclic Shear @ 31% and 75%			

WATER CONTENT	W	12.53	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	42.32	%
DRY DENSITY	γ_d	99.63	PCF
WET DENSITY	γ	106.26	PCF
SPECIFIC GRAVITY	G_s	2.78	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



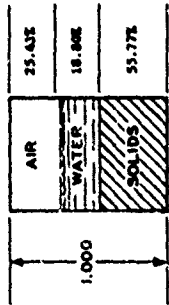
HYDROSTATIC PRESSURE, P, PSI

240

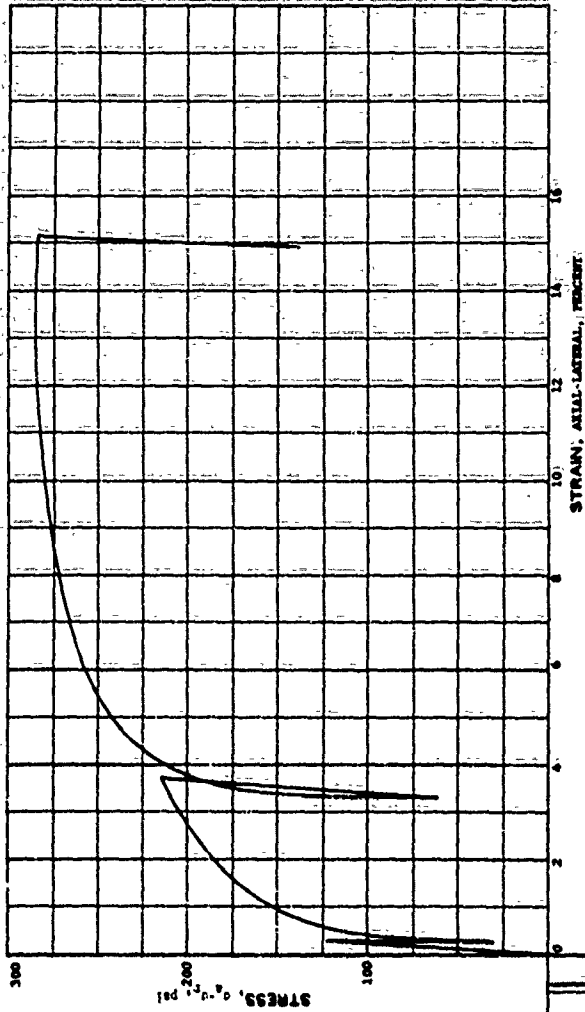
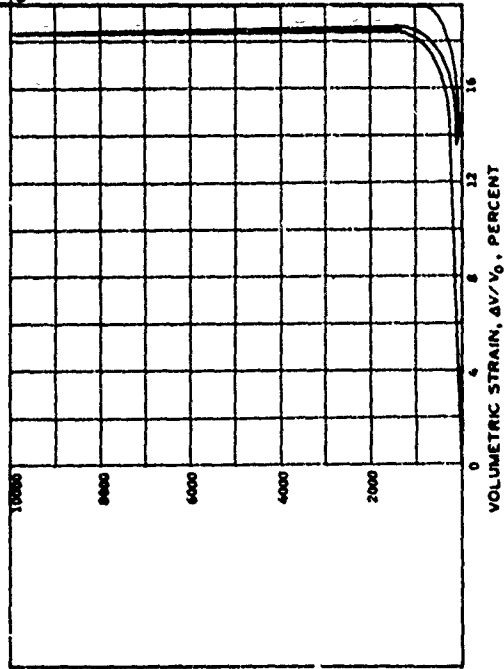
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: General Institute of Technology, B-602			
Contract No.: NCA39-47-C-0031			
AREA		SAMPLE NO.: 289	
BORING NO.	DEPTH	DATE	
LL	PL	PI	19
DESCRIPTION: Mashing Hill Clay			
Triaxial-Cycle Shear @ 33% and 75%.			

WATER CONTENT	W	12.49	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.32	%
DRY DENSITY	γ_d	98.96	PCF
WET DENSITY	γ	109.69	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE



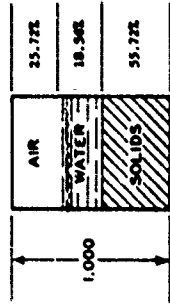
PROJECT: Georgia Institute of Technology B-602
 Contract No. DMS39-67-C-0021

AREA

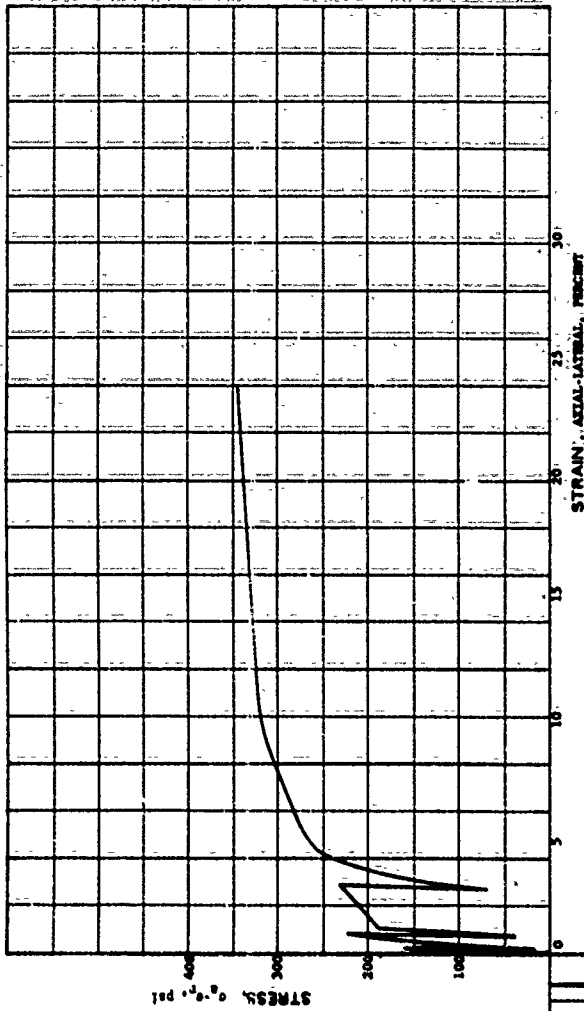
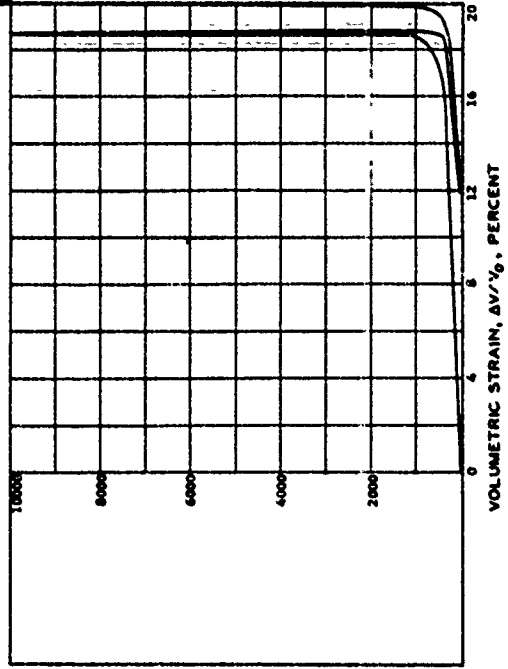
BORING NO. SAMPLE NO. 293
 DEPTH DATE
 EL. PLI 17 PLI 19

DESCRIPTION: Matching Mill Clay
 Triaxial-Cycle Compression, Cycle Shear @ 35% and 17.5%

WATER CONTENT	W	12.34	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.91	%
DRY DENSITY	γ_d	99.87	PCF
WET DENSITY	γ	109.45	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE

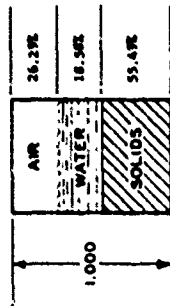


PROJECT: Georgia Institute of Technology B-602	
Contract No. DCAJ9-67-C-0031	
AREA	
BORING NO.	SAMPLE NO: 331
DEPTH: EE	DATE
LL 36	PL 17
	PI 19
DESCRIPTION: Working Bill: Clay	
Triaxial-Cyclic Compression; Cyclic Shear @ 25% and 75%	

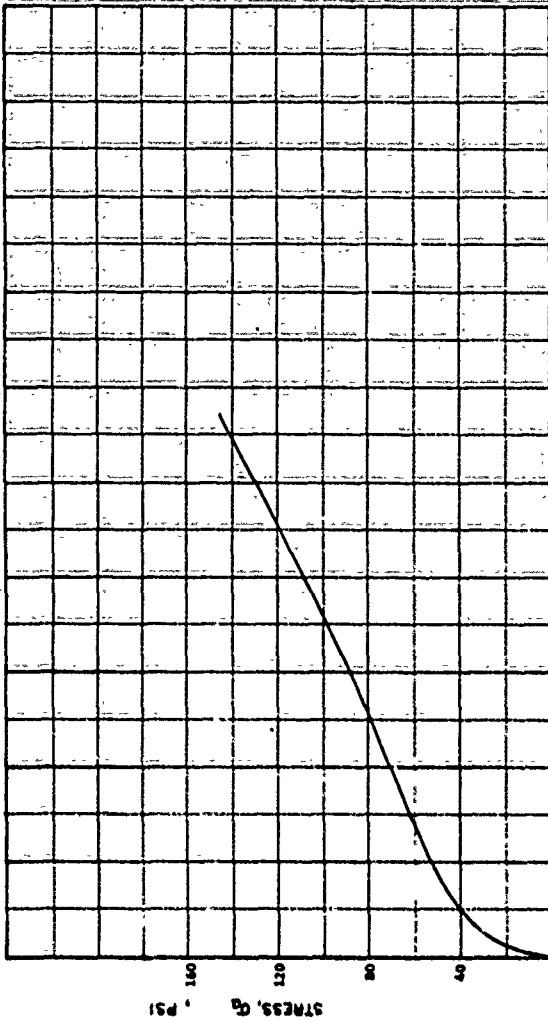
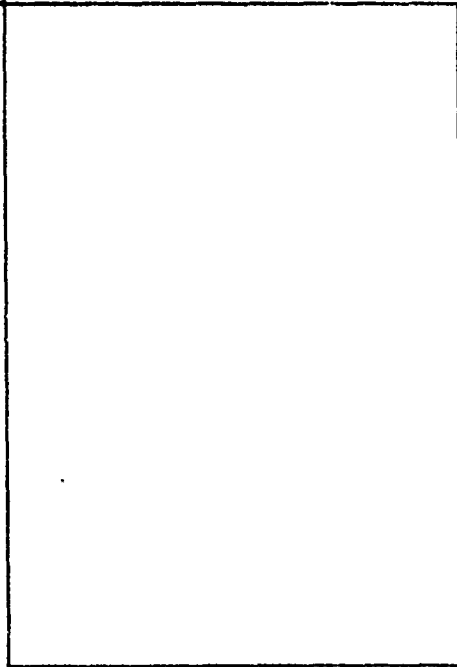
Group C

Constant Ratio Tests

WATER CONTENT	W	12.40	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.76	%
DRY DENSITY	γ	93.50	PCF
WET DENSITY	γ	105.09	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



DEVIATOR STRAIN, $e_g - e_p$, PERCENT
TRIAXIAL SHEAR PHASE

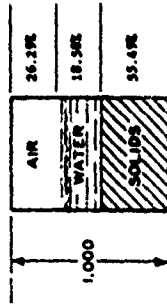
PROJECT: Georgia Institute of Technology, B-602	
Contract No., BMS19-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 26A
DEPTH	DATE
ELL	
LL 36	PL 17
	PI 19
DESCRIPTION: Matching Mill Clay	
Constant Stress Ratio, 0.4	
Initial Pressure, 0 psi	

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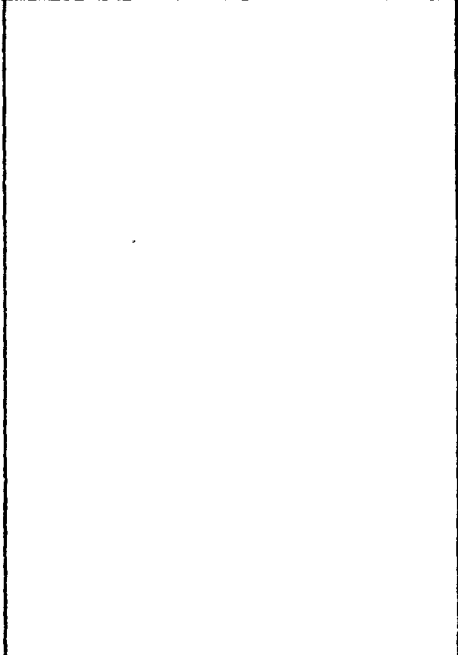
HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.40	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	41.74	%
DRY DENSITY	γ_d	85.50	PCF
WET DENSITY	γ	103.09	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM

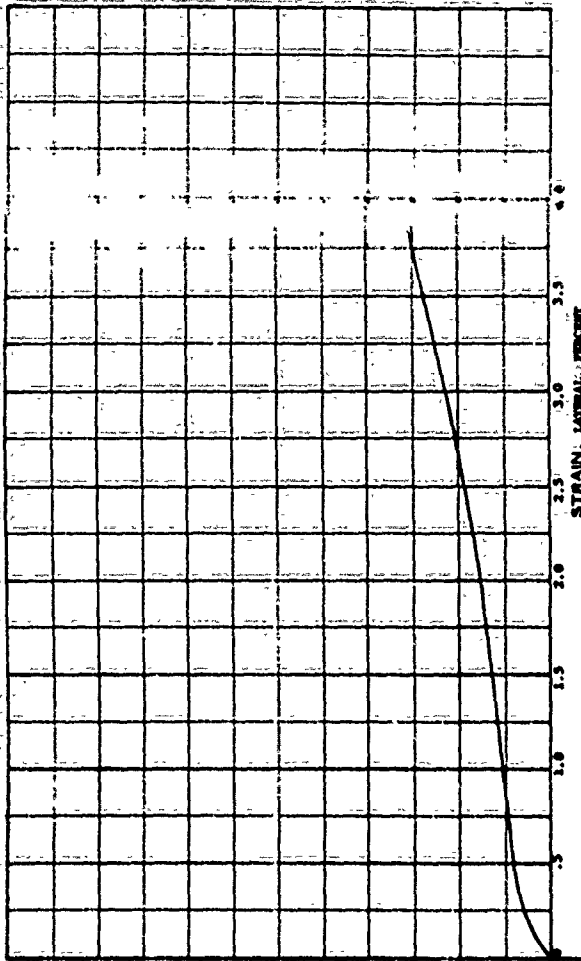


HYDROSTATIC COMPRESSION PHASE



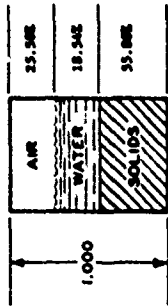
HYDROSTATIC PRESSURE, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

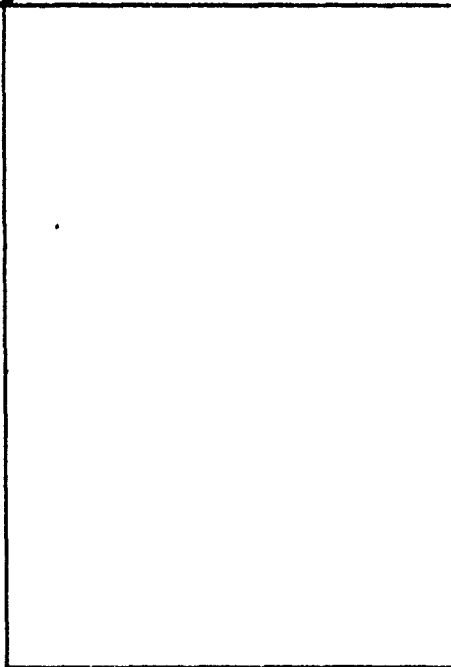


PROJECT		Georgia Institute of Technology B-104	
		Contract No. DMC39-67-C-0031	
AREA			
BORING NO.	SAMPLE NO. 164		
DEPTH	DATE		
EL.	PL	37	PI
			19
DESCRIPTION: Washing Mill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 0 psi			

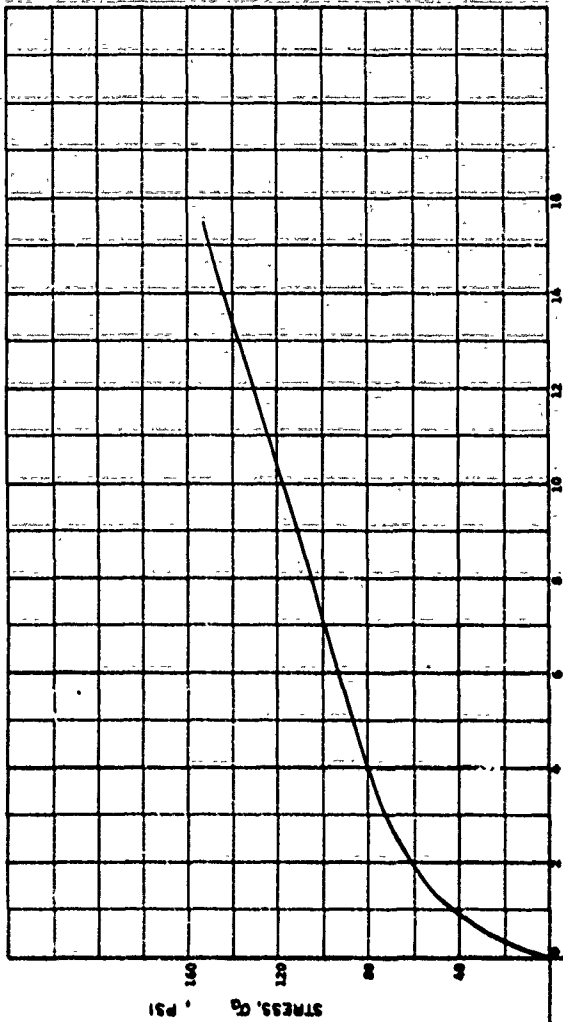
WATER CONTENT	W	12.29	%
VOID RATIO	e_v	0.79	
SATURATION	S_u	42.02	%
DRY DENSITY	γ_d	94.14	PCF
WET DENSITY	γ	105.71	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_o	3.49	CM
SPECIMEN HEIGHT	H_o	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p , PSI

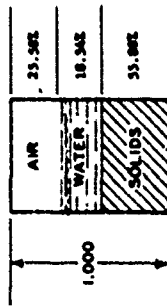


TRIAxIAL SHEAR PHASE

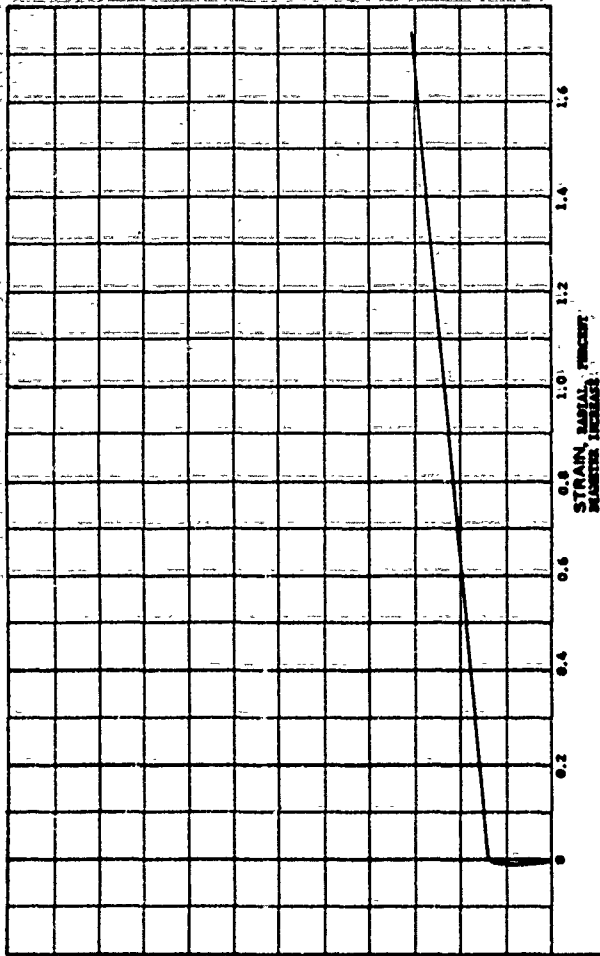
PROJECT	Georgia Institute of Technology J-002		
AREA	Contract No. DMC3P-67-C-0051		
BORING NO.	SAMPLE NO. 265		
DEPTH: EL.	DATE		
LL	PL	P1	P2
34	17	19	19
DESCRIPTION	MICHIGAN SILT CLAY		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 0 psi		

VOLUMETRIC STRAIN, $\Delta V/V_o$, PERCENT

WATER CONTENT	W	12.29	%
VOID RATIO	e_0	0.79	
SATURATION	S_r	42.02	%
DRY DENSITY	γ_d	99.14	PCF
WET DENSITY	γ	105.71	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.69	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



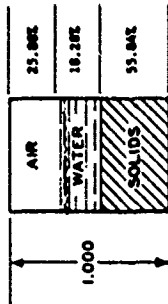
HYDROSTATIC PRESSURE, p, PSI

8:8

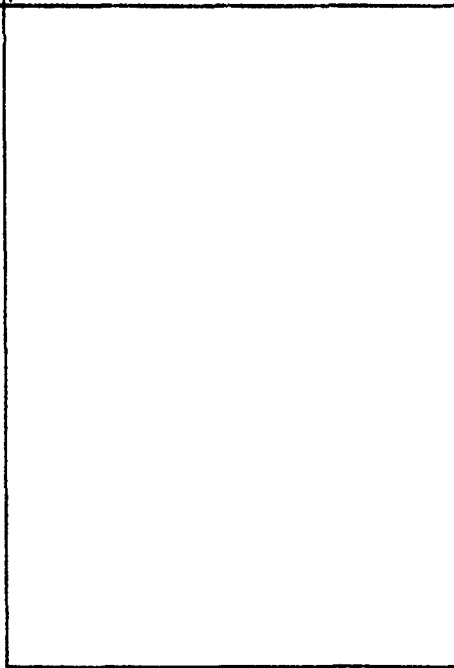
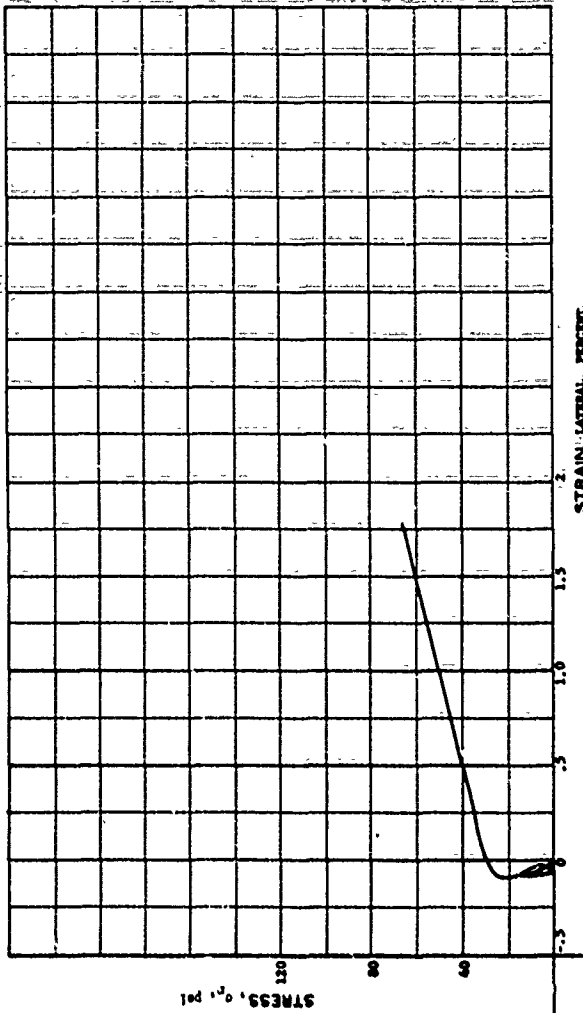
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No.: DAC39-67-C-0051		
BORING NO.	SAMPLE NO. 263		DATE
DEPTH	PL 17	PI 19	
EL	DESCRIPTION: Wetmore Mill Clay		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 0.1 psi		

WATER CONTENT	W	12.12 %
VOID RATIO	e_0	0.79
SATURATION	S_0	41.39 %
DRY DENSITY	γ_d	96.08 PCF
WET DENSITY	γ	105.48 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.61 CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology
 Contract No. DCA39-67-C-0031

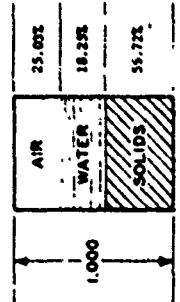
APFA

BORING NO. _____ SAMPLE NO. 278
 DEPTH _____ DATE _____
 EL _____

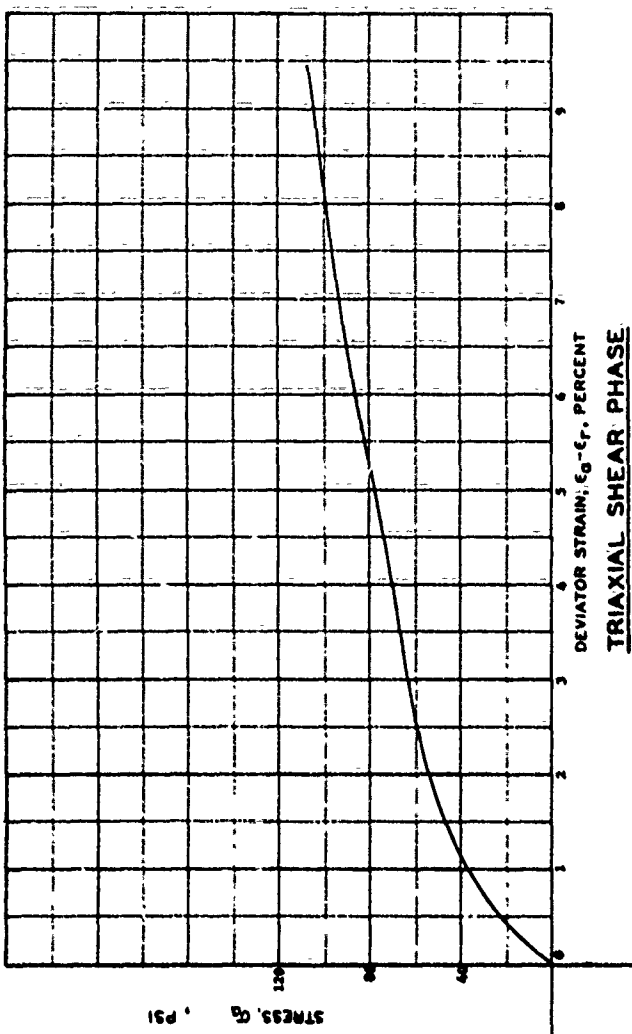
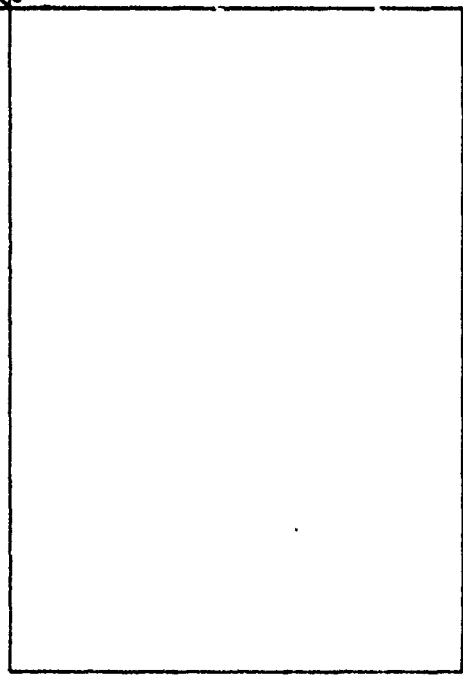
LL 36 PL 17 PL 19

DESCRIPTION: Matching Mill Clay
 Constant Stress Ratio, 0.5; Initial Pressure, 0.181
 Cycle Shear 0.35E

WATER CONTENT	W	11.92 %
VOID RATIO	e_v	0.76
SATURATION	S_v	42.18 %
DRY DENSITY	γ_d	95.56 PCF
WET DENSITY	γ	106.95 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	2.46 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

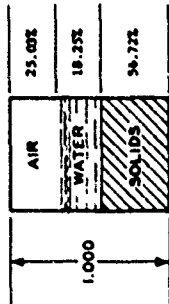
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology 3-602
Contract No. DMC39-67-C-0851

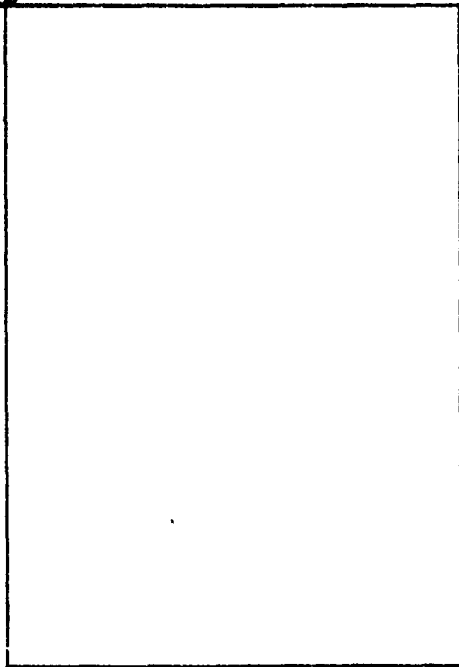
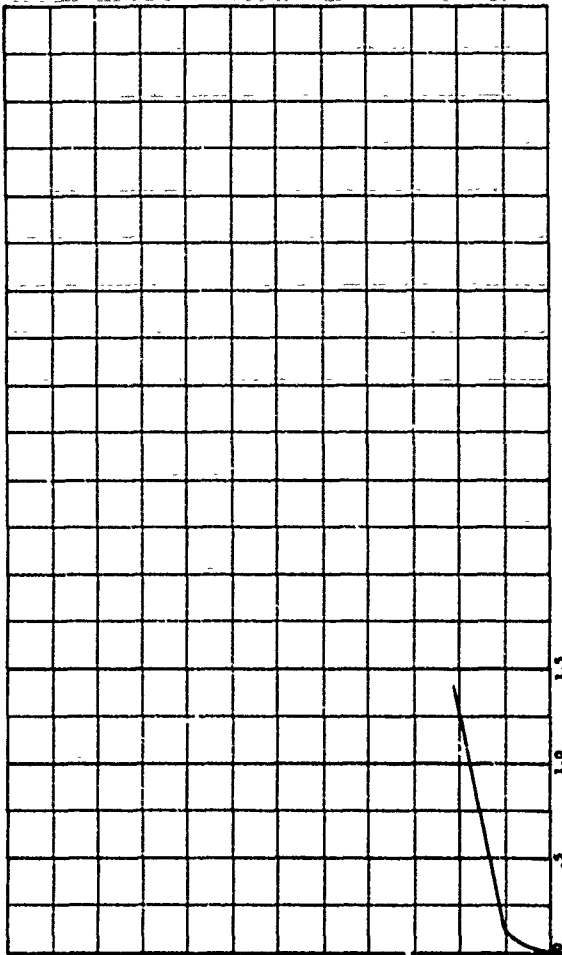
AREA: _____ SAMPLE NO. 279
BORING NO. _____ DEPTH _____ DATE _____
EL. _____ PL 17 PI 19

DESCRIPTION: Washing Mill Clay
Constant Stress Ratio, 0.4
Initial Pressure, 0 psi

WATER CONTENT	W	11.92	%
VOID RATIO	e_0	0.76	
SATURATION	S_0	42.18	%
DRY DENSITY	γ_d	95.56	PCF
WET DENSITY	γ	106.95	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.44	CM
SPECIMEN HEIGHT	H_0	7.63	CM



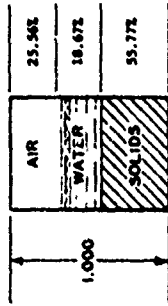
HYDROSTATIC COMPRESSION PHASE



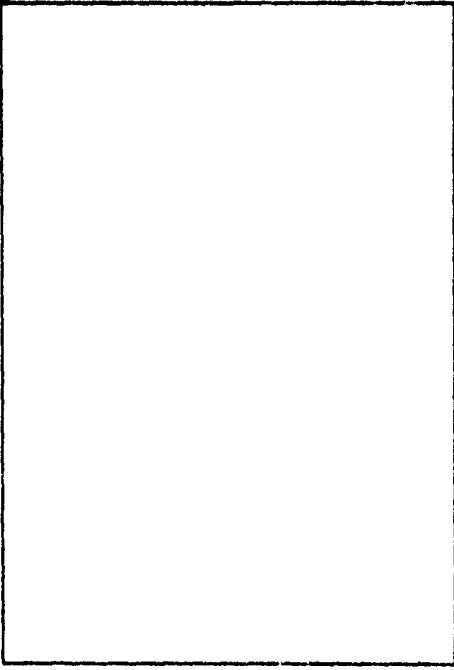
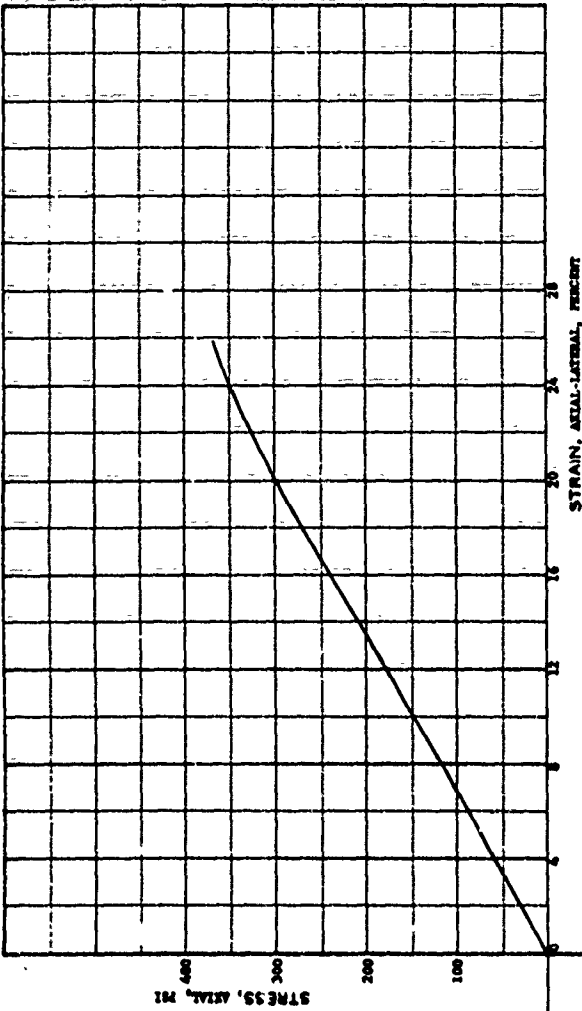
251

PROJECT	Georgia Institute of Technology E-602		
AREA	Concrete No. DGA18-47-C-0051		
BORING NO.	279	SAMPLE NO.	279
DEPTH		DATE	
EL		PL	17
LL	36	PI	19
DESCRIPTION	Metching Hill Clay		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 0 psi		

WATER CONTENT	W	12.40	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	43.21	%
DRY DENSITY	γ_d	99.96	PCF
WET DENSITY	γ	109.61	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_0	7.60	CM



HYDROSTATIC COMPRESSION PHASE



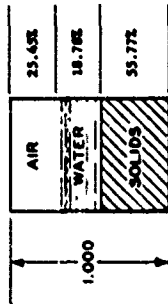
PROJECT Ga. Tech. R-602
 Contract No. MDCA39-67-C-0051

AREA: _____

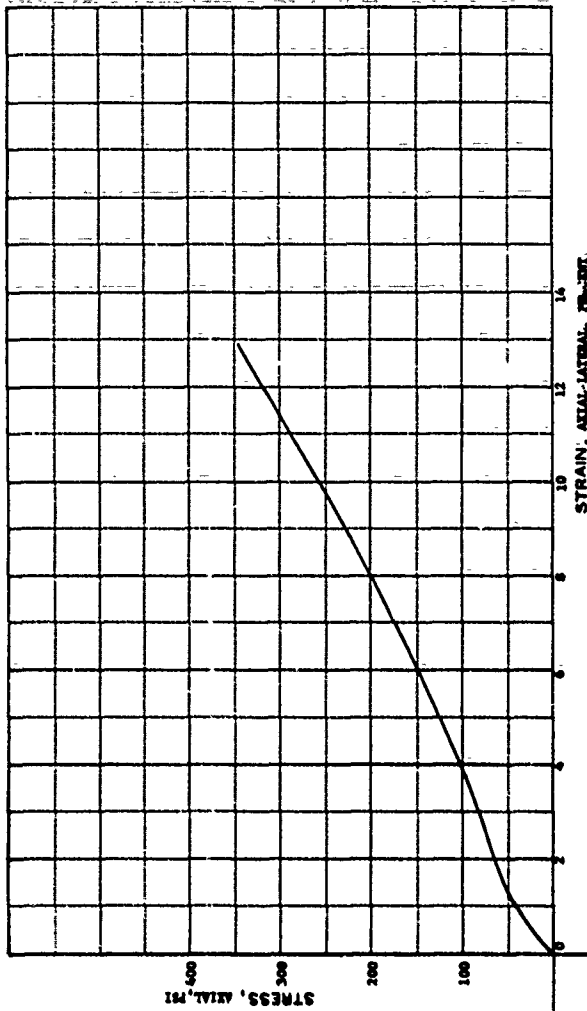
BORING NO. _____ SAMPLE NO. 203
 DEPTH _____ DATE _____
 EL. _____ PL 17 PI 19

DESCRIPTION WASHING MILL CLAY
 Compress Stress Ratio, 0.4
 Initial Pressure, 100 psi

WATER CONTENT	W	12.48	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.47	%
DRY DENSITY	γ_d	99.96	PCF
WET DENSITY	γ	105.48	PCF
SPECIFIC GRAVITY	G_s	2.70	
DIAMETER	D_0	3.45	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

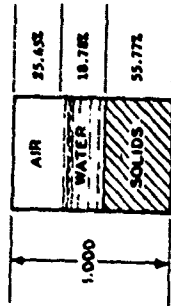
PROJECT: Ga Tech B-402;
 Contract No., DAC49-47-C-0051

AREA

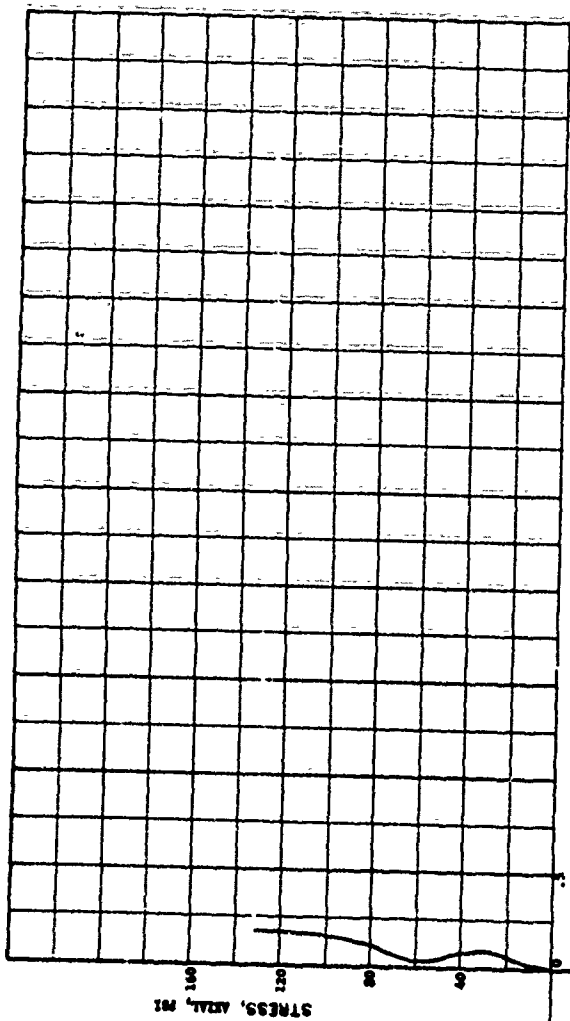
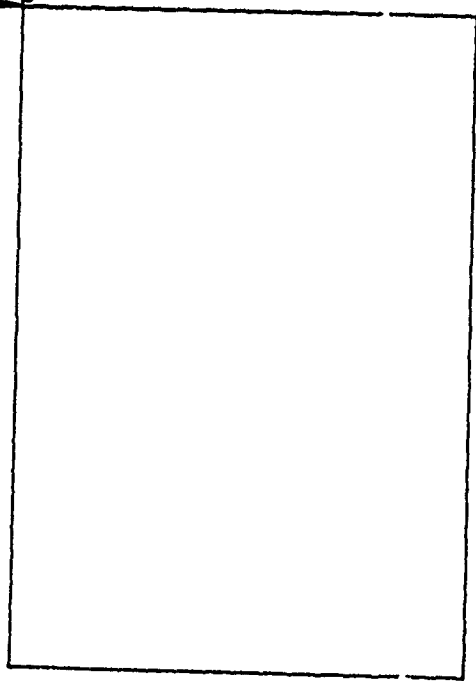
BORING NO. SAMPLE NO. 207
 DEPTH DATE
 EL PL 17 PI 19

DESCRIPTION: Washoe Hill Clay
 Contract Files, Bldg., 0.4
 Initial Pressure, 100 psi

WATER CONTENT	W	12.48	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.02	%
DRY DENSITY	γ_d	99.96	PCF
WET DENSITY	γ	105.68	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



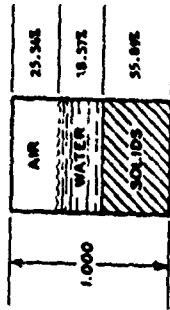
PROJECT Ca Tech B-602:
 CONTRACT NO. DMC32-87-C-0031:

AREA _____ BORING NO. _____ SAMPLE NO. 207
 DEPTH _____ DATE _____
 LL 36 PL 27 PI 19

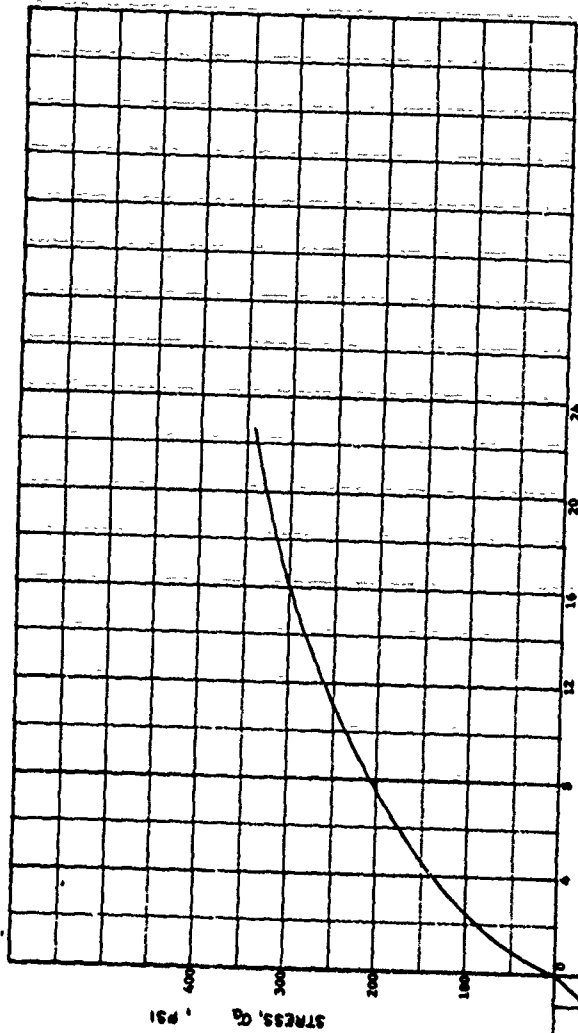
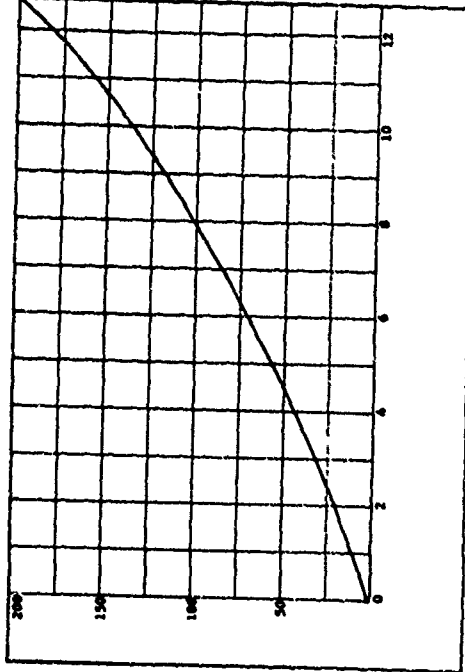
DESCRIPTION Marshall Hill Clay
 Contaminant: Serbia, Ba119, D.4
 Initial Pressure, 100 psi

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.31	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.09	%
DRY DENSITY	γ_d	96.15	PCF
WET DENSITY	γ	105.74	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_0	7.43	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

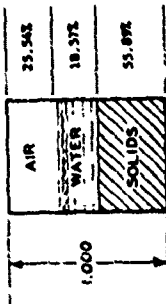
PROJECT: Georgia Institute of Technology E-602
Contract No. DACW39-67-C-0051

AREA

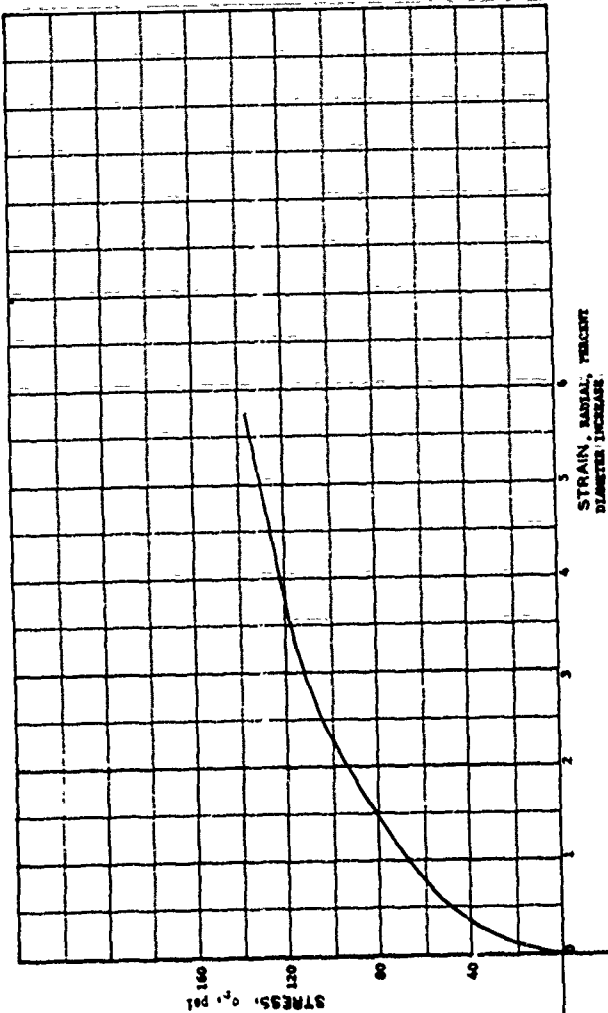
BORING NO. SAMPLE NO. 237
DEPTH DATE
EL. PL 17 PI 19

DESCRIPTION Macungie Hill Clay
Constant Stress Ratio, 0.6
Initial Pressure, 200 psi

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.79
SATURATION	S_0	42.09 %
DRY DENSITY	γ_d	96.15 PCF
WET DENSITY	γ	105.76 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.48 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



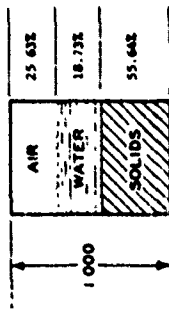
HYDROSTATIC PRESSURE, P, PSI

256

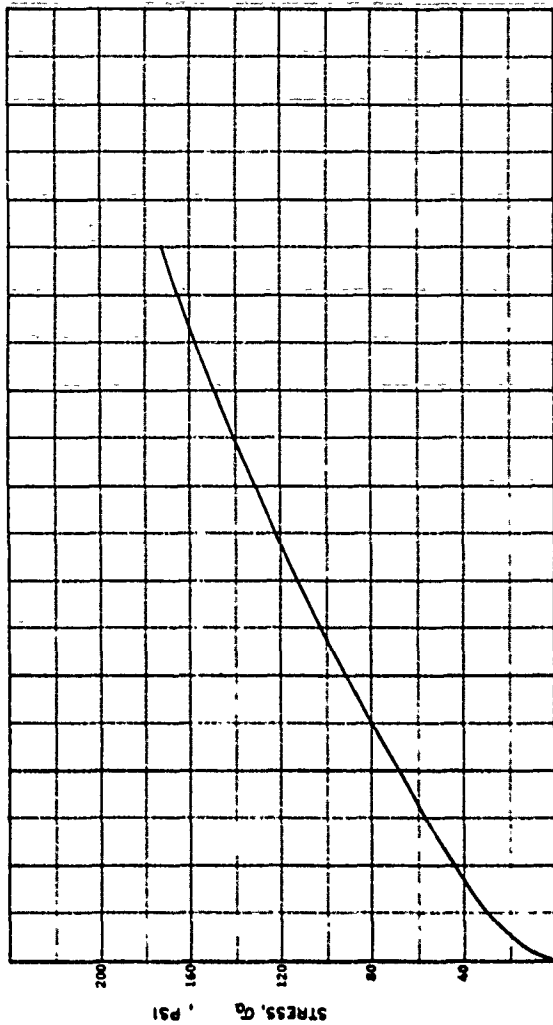
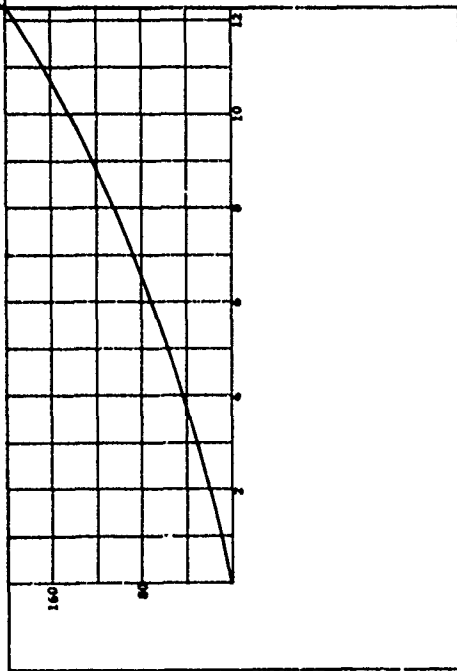
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Georgia Institute of Technology E-602	
		Contract No. DM0339-67-C-0051	
AREA	BORING NO.	SAMPLE NO.	237
DEPTH	DATE		
LL	PL	PI	19
DESCRIPTION			
Marching Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 200 psi			

WATER CONTENT	W	12.47 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.22 %
DRY DENSITY	γ	93.75 PCF
WET DENSITY	γ	105.43 PCF
UNIT WEIGHT	γ	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE

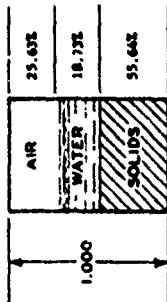


PROJECT Georgia Institute of Technology B-402
Contract No. DAC39-67-C-0051

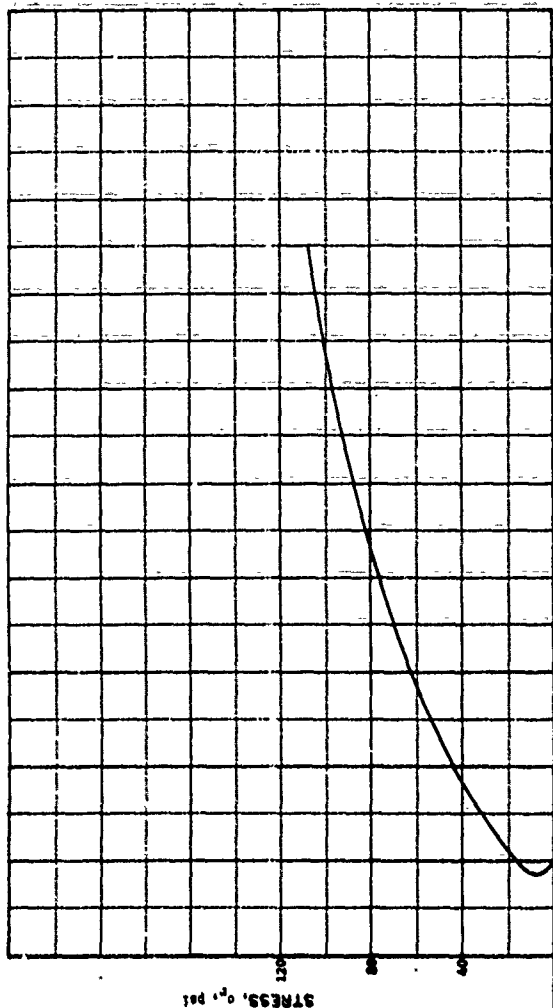
AREA _____ BORING NO. _____ SAMPLE NO. 238
DEPTH _____ DATE _____
LL 36 PL 17 PI 19

DESCRIPTION Matching Hill Clay
Constant Stress Ratio, 0.4
Initial Pressure 200 PSI

WATER CONTENT	W	12.47	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.22	%
DRY DENSITY	γ_d	99.35	PCF
WET DENSITY	γ	105.43	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

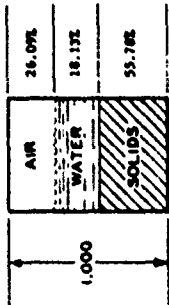


HYDROSTATIC PRESSURE, p, PSI

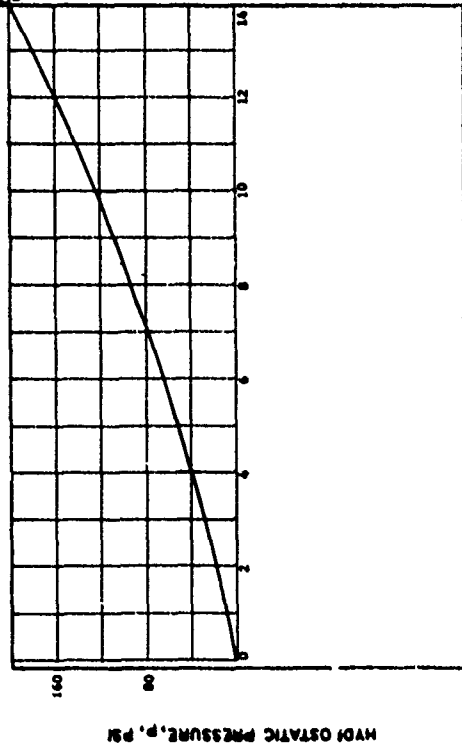
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Georgia Institute of Technology, B-602	
Contract No. DCA39-67-C-0021			
AREA		SAMPLE NO.	238
BORING NO.		DEPTH	
EL.		DATE	
LL	36	PL	17
		PI	19
DESCRIPTION: Muscogee Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure 200 psi			

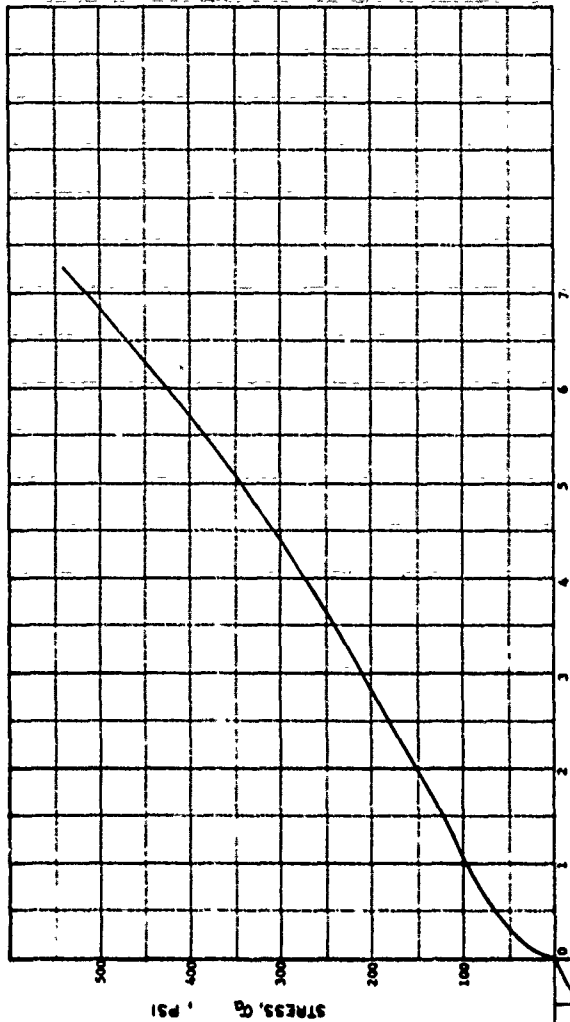
WATER CONTENT	W	12.04	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.00	%
DRY DENSITY	γ_d	93.98	PCF
WET DENSITY	γ	105.29	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.43	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT Georgia Institute of Technology B-602
Contract No. DMA39-67-C-0031

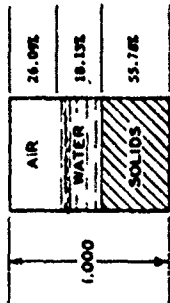
AREA _____

BORING NO. _____ SAMPLE NO. 239
DEPTH _____ DATE _____

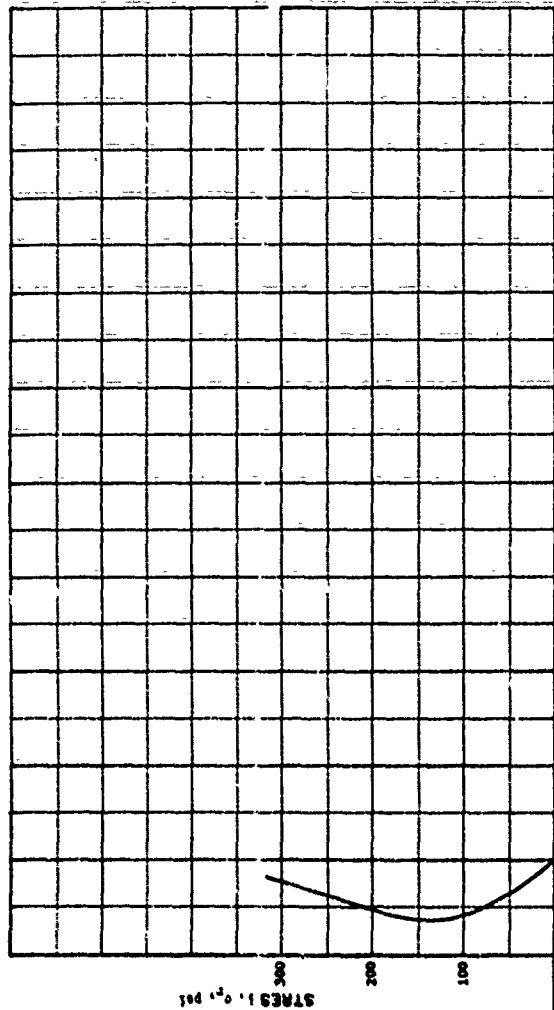
LL 36 PL 17 P1 19

DESCRIPTION Washing Mill Clay
Constant Stress Ratio, σ_3/σ_1 _____
Initial Pressure, 200 psi _____

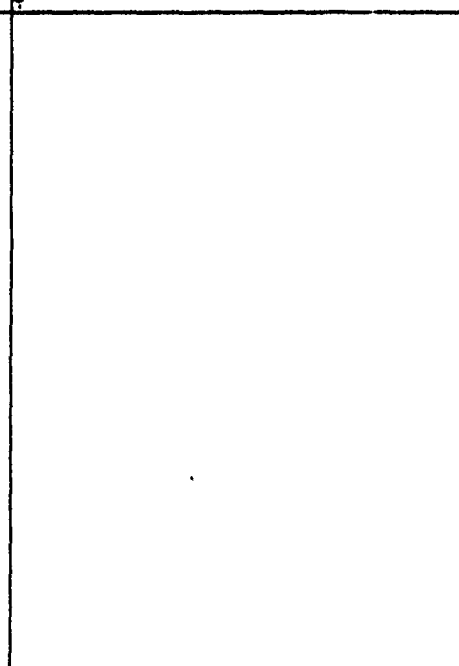
WATER CONTENT	W	12.04	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.00	%
DRY DENSITY	γ_d	93.98	PCF
WET DENSITY	γ	105.23	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



STRAIN, RADIAL, PERCENT
DIAMETER INCREASE

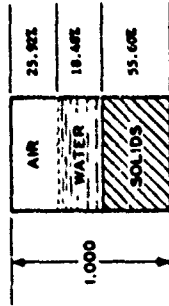


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

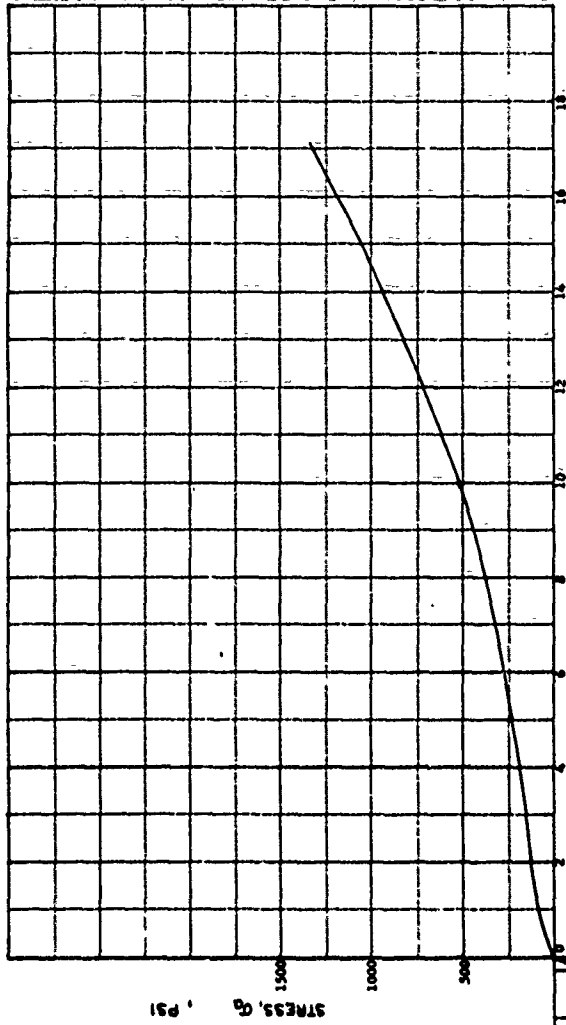
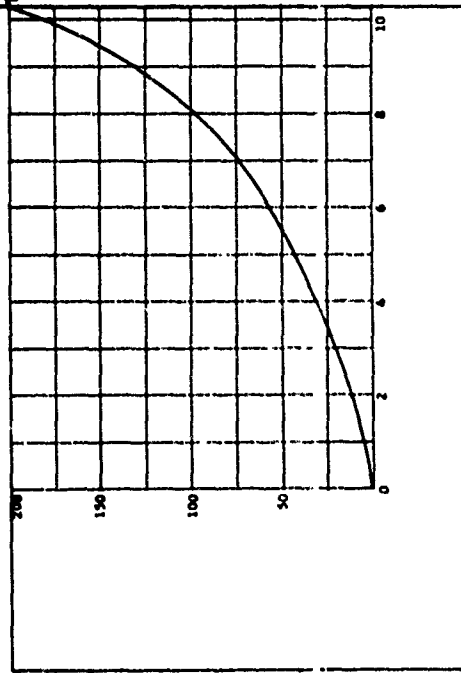
HYDROSTATIC PRESSURE, P , PSI

PROJECT Georgia Institute of Technology 3-602		
Contract No. DCA39-67-C-0031		
AREA		
BORING NO.	SAMPLE NO. 219	
DEPTH	DATE	
EL		
LL 36	PL 17	PI 19
DESCRIPTION <u>Weather Hill Clay</u>		
Constant Stress Ratio, 0.4		
Initial Pressure, 200 psi		

WATER CONTENT	W	12.31	%
VOID RATIO	e_0	0.86	
SATURATION	S_0	61.61	%
DRY DENSITY	γ_d	93.68	PCF
WET DENSITY	γ	105.21	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT Georgia Institute of Technology 8-602
 Contract No. DMCA39-67-C-0051

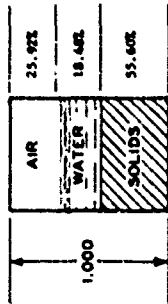
AREA

BORING NO. SAMPLE NO. 255
 DEPTH DATE
 LL PL 36 PL 17 PI 19

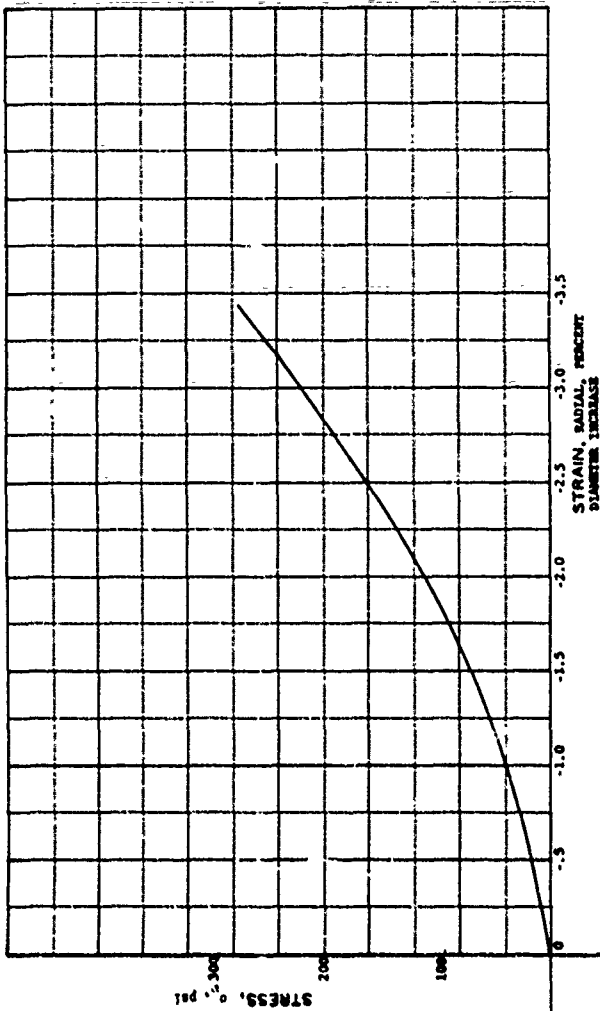
DESCRIPTION Machine Hill Clay
 Constant Stress Ratio, 0.4
 Initial Pressure, 200.0 PSI

HYDROSTATIC PRESSURE, P, PSI

WATER CONTENT	W	12.21	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	63.61	%
DRY DENSITY	γ_d	99.68	PCF
WET DENSITY	γ	105.21	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

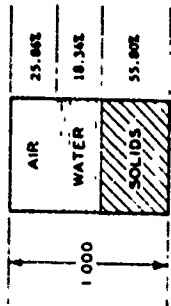


HYDROSTATIC PRESSURE, p, PSI

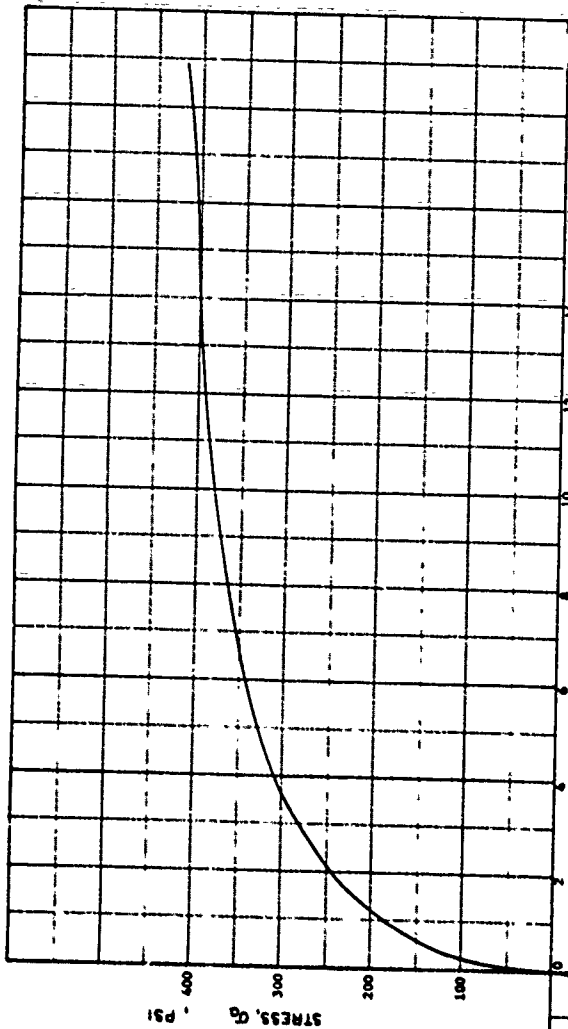
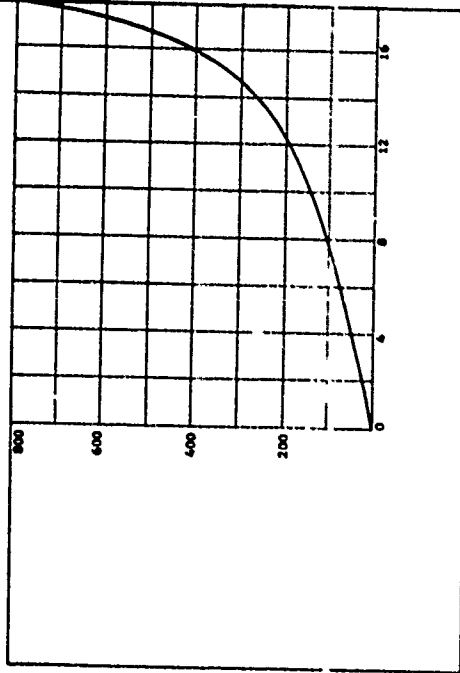
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Georgia Institute of Technology B-502		
	Contract No. DMCA39-67-C-0051		
AREA			
BORING NO.	SAMPLE NO. 255		
DEPTH		DATE	
EL.			
LL	36	PL	17
		PI	19
DESCRIPTION	Matching Mill Clay		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 200 psi		

WATER CONTENT	W	12.17	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	61.50	%
DRY DENSITY	γ_d	96.01	PCF
WET DENSITY	γ	105.45	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



DEVIATOR STRAIN, $\epsilon_d - \epsilon_r$, PERCENT
TRIAxIAL SHEAR PHASE

PROJECT Georgia Institute of Technology B-602
Contract No. DAC39-67-C-0051

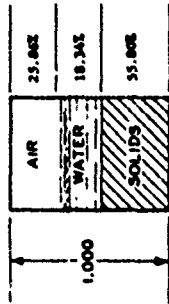
AREA

BORING NO. SAMPLE NO. 244
DEPTH DATE
EL PL 36 PI 19

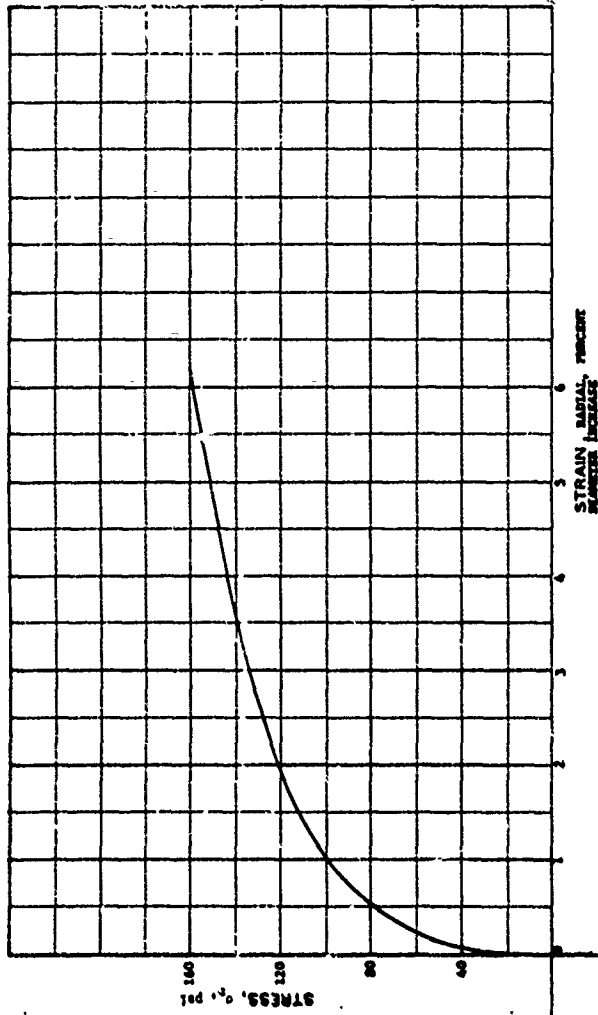
DESCRIPTION Matching Mill Clay
Constant Stress Ratio, 0.5
Initial Pressure (600 psi)

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.17	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.30	%
DRY DENSITY	γ_d	94.01	PCF
WET DENSITY	γ	105.45	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



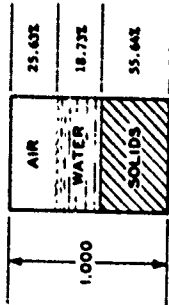
HYDROSTATIC PRESSURE, P, PSI

264

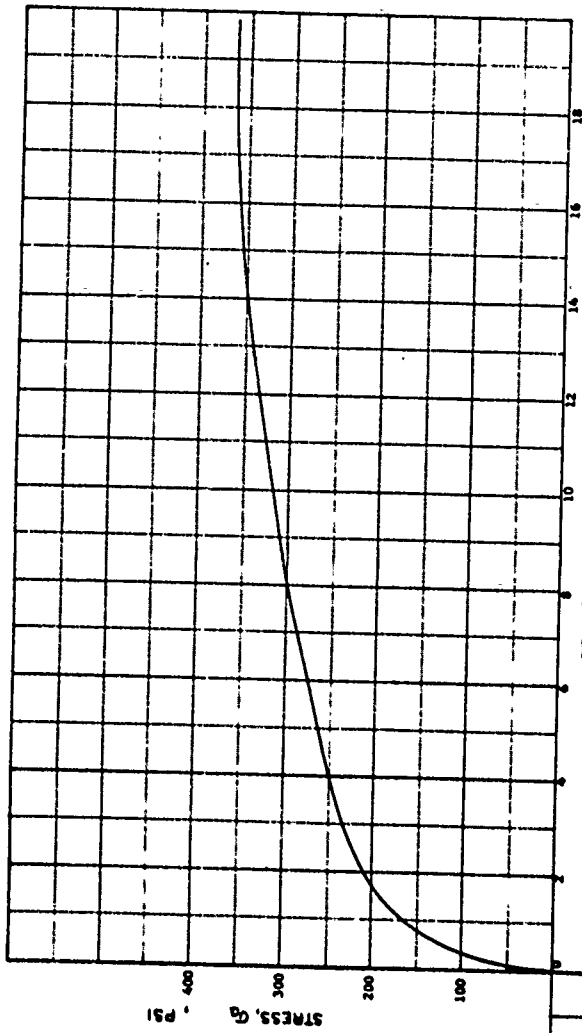
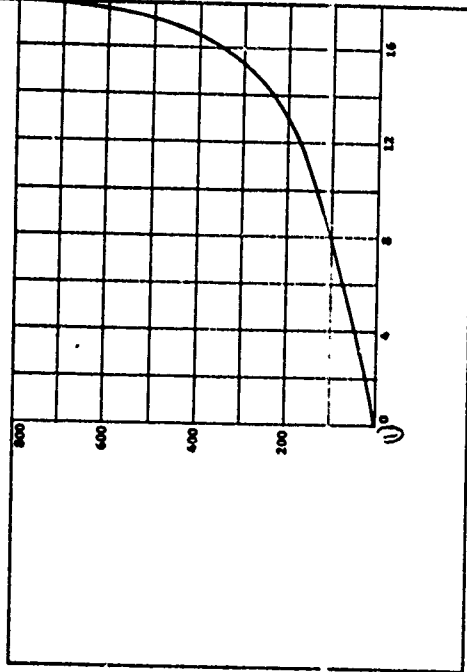
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Georgia Institute of Technology 3-402	
AREA		Concrete Br. 20012-87-C-0051	
SAMPLE NO.	244	DATE	
DEPTH		PL	17
EL		PI	19
DESCRIPTION			
Matching Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 800 psi			

WATER CONTENT	W	12.47 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.22 %
DRY DENSITY	γ_d	91.75 PCF
WET DENSITY	γ	105.43 PCF
SPECIFIC GRAVITY	G_s	2.70
DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.43 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

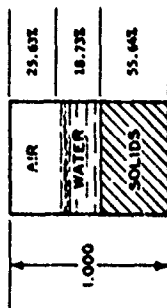
PROJECT Georgia Institute of Technology E-602
 Contract No. DACA39-47-C-0031

AREA _____

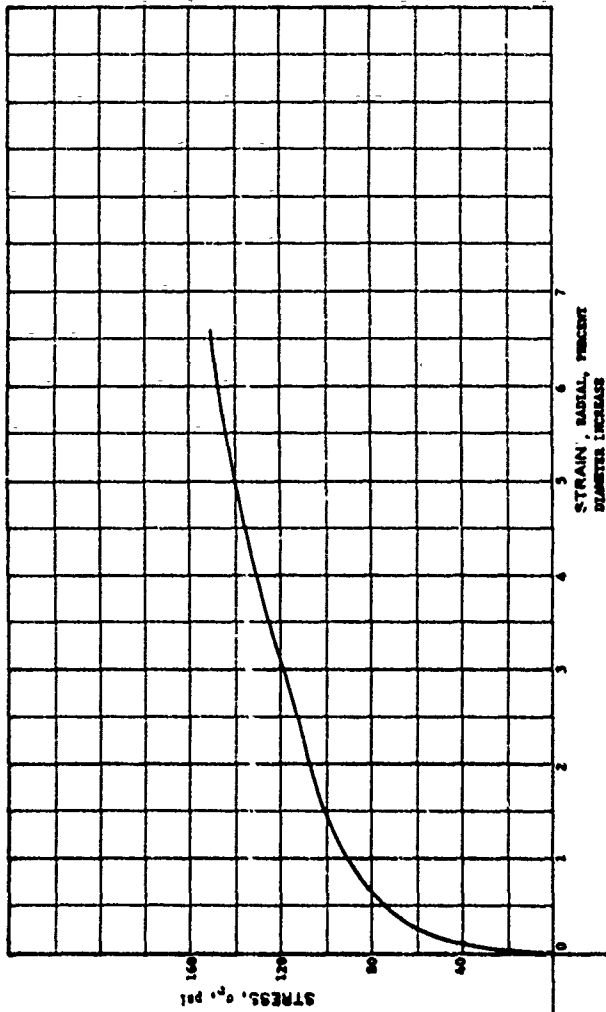
BORING NO. _____ SAMPLE NO. 241
 DEPTH _____ DATE _____
 EL _____ PL 17 PI 19

DESCRIPTION Matching Mill Clay
 Constant Stress Ratio, 0.4
 Initial Pressure, 800 psi

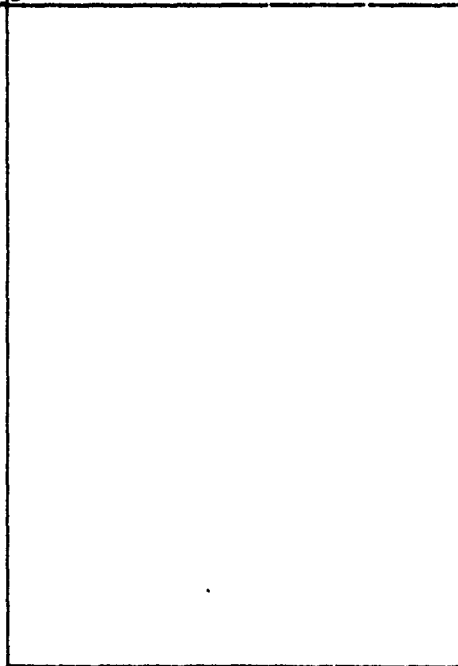
WATER CONTENT	W	12.47 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.22 %
DRY DENSITY	γ_d	99.75 PCF
WET DENSITY	γ	105.43 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.43 Ccd



HYDROSTATIC COMPRESSION PHASE



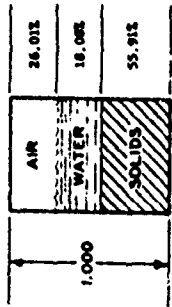
HYDROSTATIC PRESSURE, p, PSI



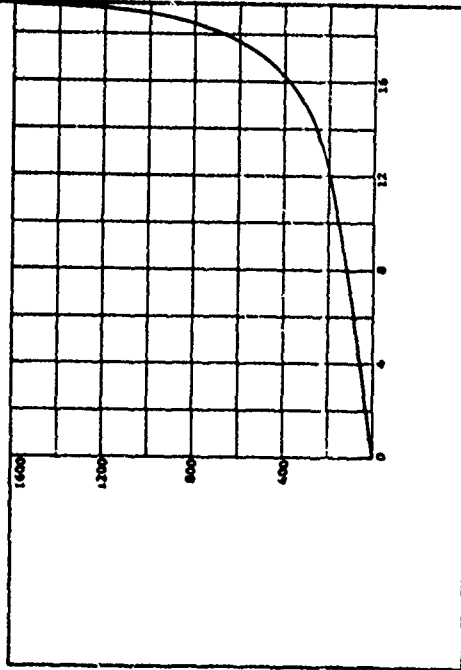
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Georgia Institute of Technology, S-602		
	Contract No. DPA3D-67-C-0031		
AREA			
BORING NO.	SAMPLE NO. 241		
DEPTH	DATE		
EL	LL	PL	PI
	36	17	19
DESCRIPTION	Machine Hill Clay		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 800 psi		

WATER CONTENT	W	11.98 %
VOID RATIO	e_0	0.79
SATURATION	S_0	41.01 %
DRY DENSITY	γ_d	94.19 PCF
WET DENSITY	γ	105.48 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.69 CM
SPECIMEN HEIGHT	H_0	7.63 CM



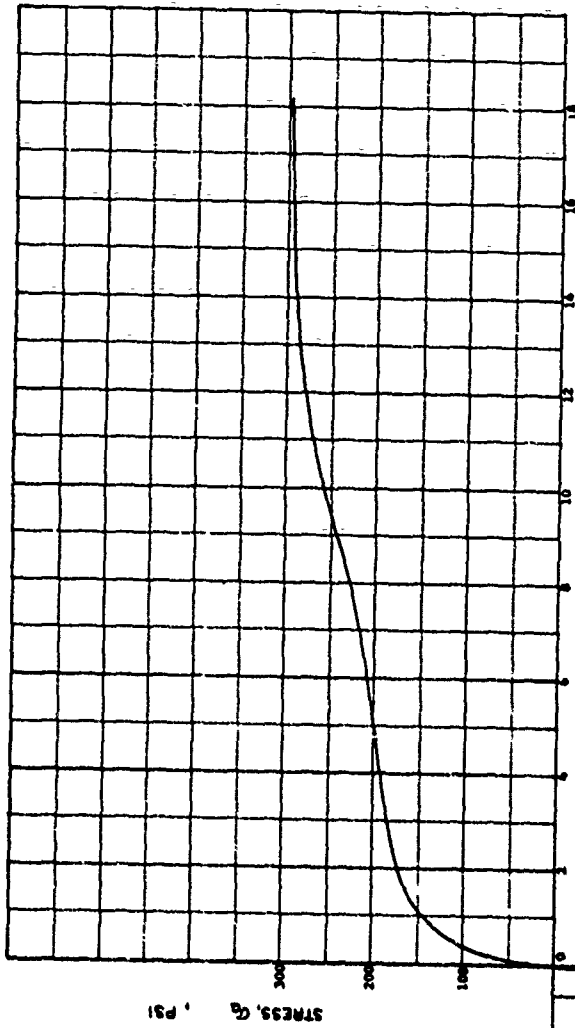
HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDRAULIC PRESSURE, p, PSI

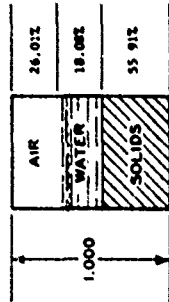
267



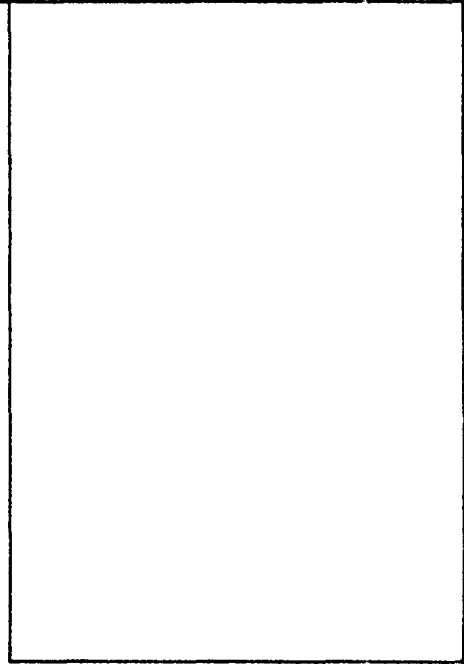
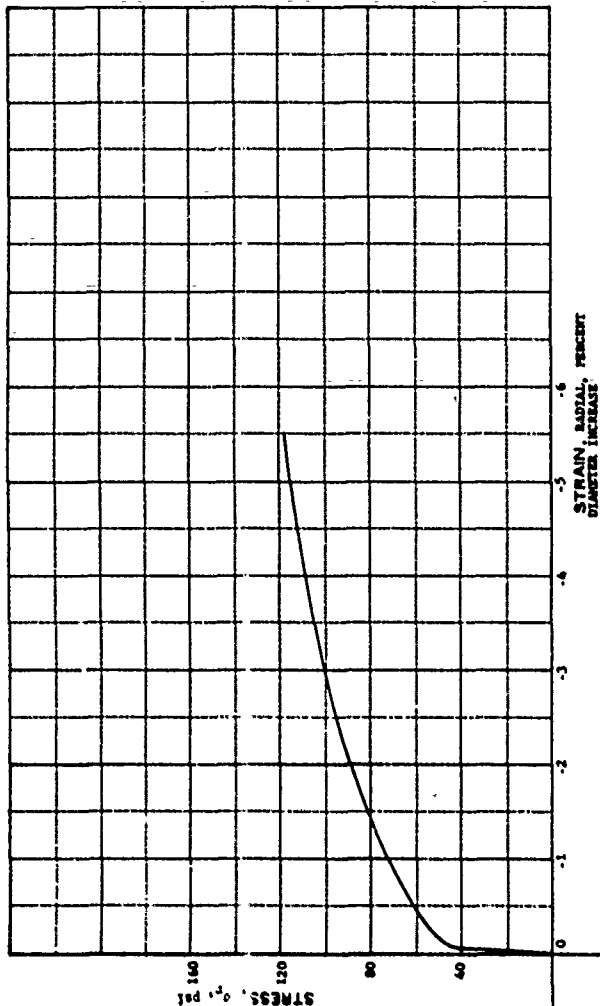
TRIAxIAL SHEAR PHASE

PROJECT	Georgia Institute of Technology, B-602		
AREA	Contract No. DCA39-67-C-0051		
BORING NO.	SAMPLE NO. 240		DATE
DEPTH	PL 17		PI 19
DESCRIPTION	Machias Hill Clay		
Constant Stress Ratio, 0.4			
Initial Pressure, 1600 psi			

WATER CONTENT	W	11.98	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.01	%
DRY DENSITY	γ_d	96.19	PCF
WET DENSITY	γ	105.48	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

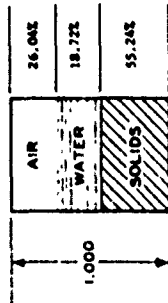


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

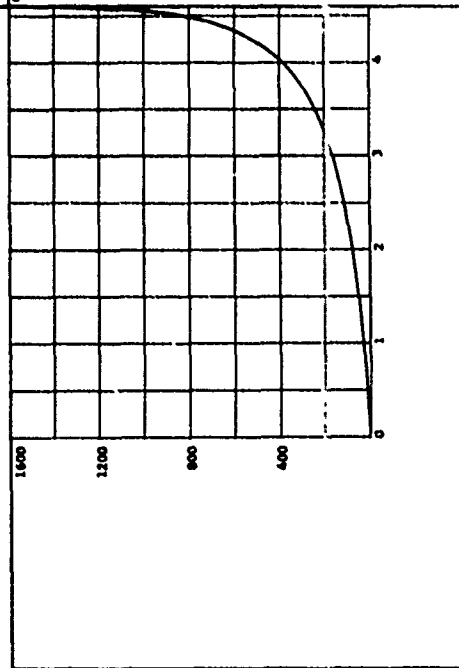
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Georgia Institute of Technology 3-402	
		Contract No. DAC39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.		250
DEPTH	DATE		
EL.	PL	17	PI 19
DESCRIPTION			
Machlog Mill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 1600 psi			

WATER CONTENT	W	12.56 %
VOID RATIO	e_0	0.81
SATURATION	S_0	41.84 %
DRY DENSITY	γ_d	91.06 PCF
WET DENSITY	γ	104.75 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



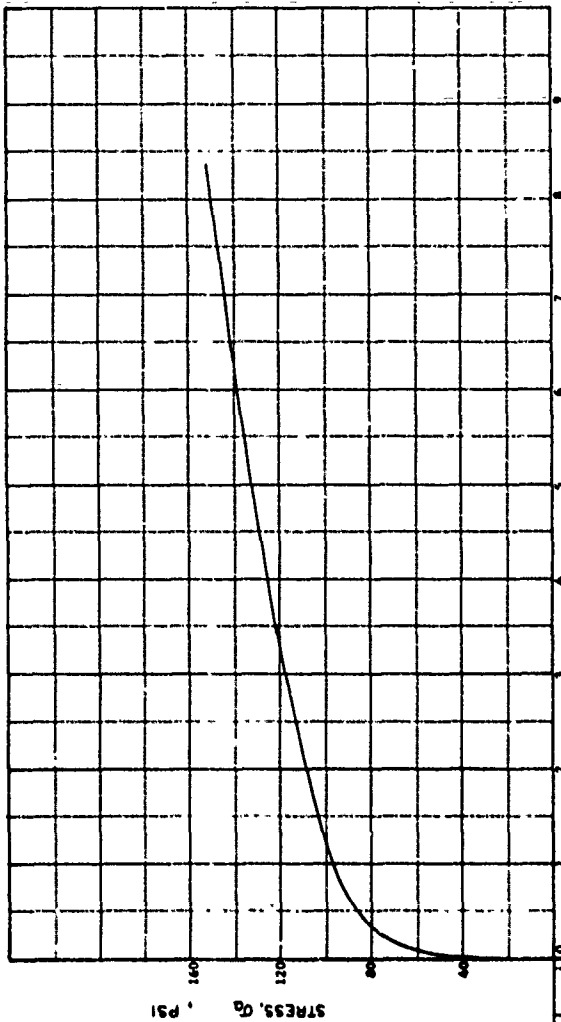
HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, P, PSI

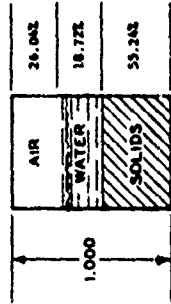
269



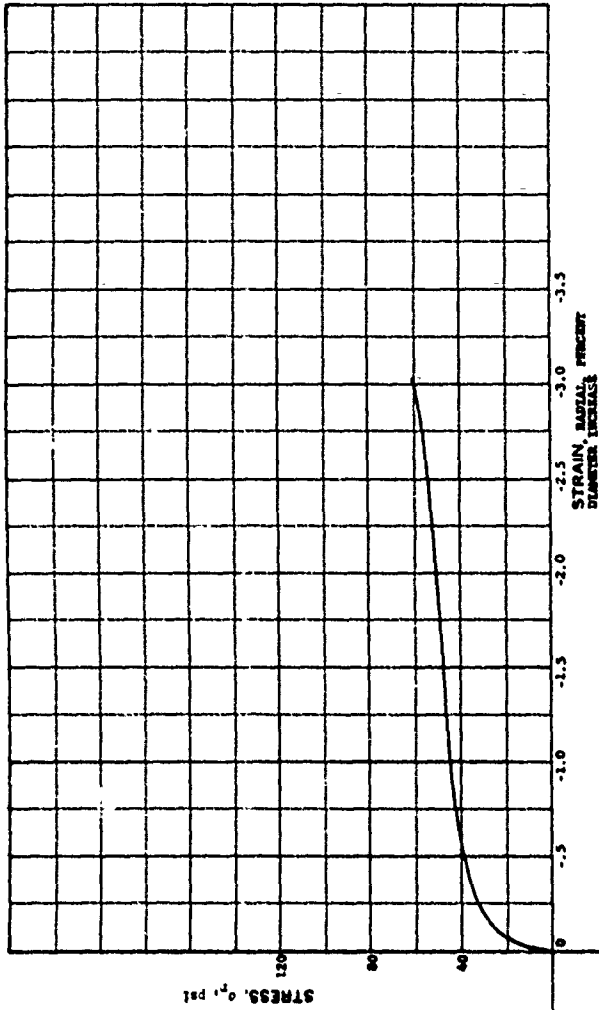
DEVIATOR STRAIN, $\epsilon_Q - \epsilon_P$, PERCENT
TRIAxIAL SHEAR PHASE

PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No. DMC39-67-C-0051		
BORING NO.	SAMPLE NO. 307	DATE	
DEPTH		PL	PI 19
EL			
DESCRIPTION	Matching Mill Clay		
	Constant Stress Section, 0.4		
	Initial Pressure, 1600 psi		

WATER CONTENT	W	12.56	%
VOID RATIO	e_0	0.81	
SATURATION	S_u	41.84	%
DRY DENSITY	γ_d	93.06	PCF
WET DENSITY	γ	106.75	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM

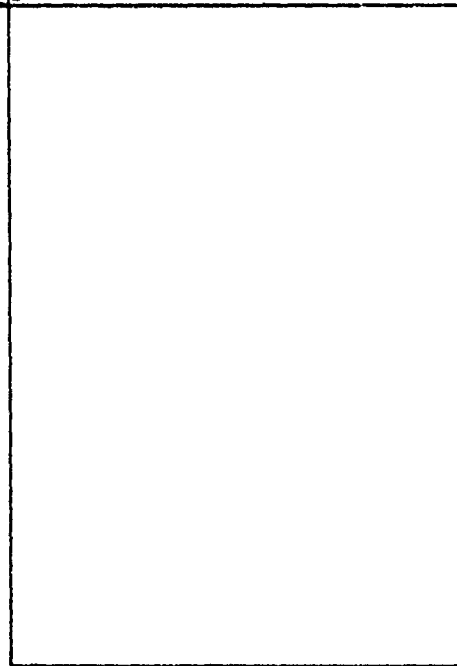


HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, psi

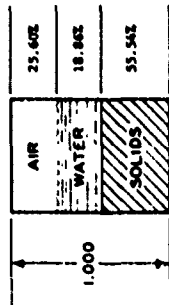
270



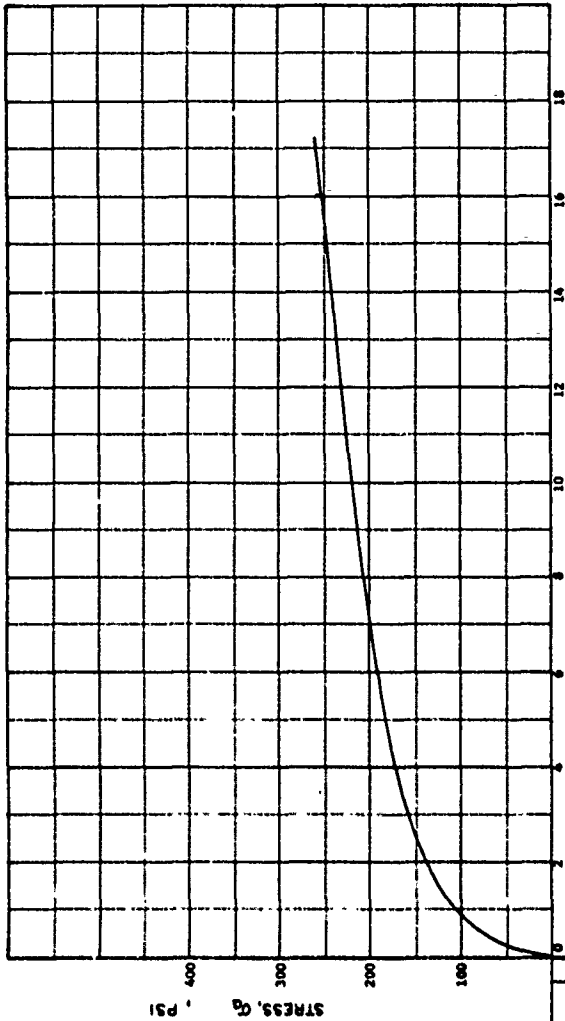
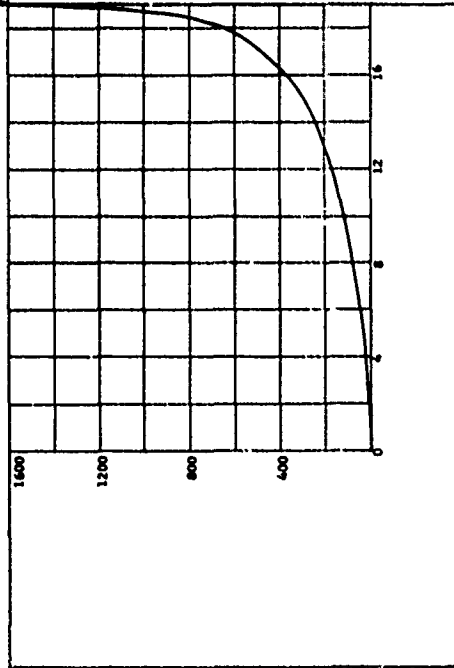
VOLUMETRIC STRAIN, ΔV/V₀, PERCENT

PROJECT	Georgia Institute of Technology B-602		
AREA	Cement Br. DACSB-67-C-0031		
BORING NO.	SAMPLE NO.	DATE	
DEPTH	307		
EL.			
LL	34	PL	17
		PI	19
DESCRIPTION	Maching Mill Clay		
	Constant Stress Ratio, 0.4		
	Initial Pressure, 1400 psi		

WATER CONTENT	W	12.57 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.41 %
DRY DENSITY	γ	93.57 PCF
WET DENSITY	γ	105.34 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

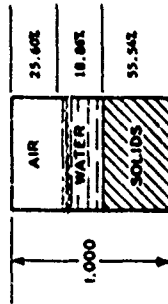
PROJECT Georgia Institute of Technology B-602
 CONTRACT No. DMC39-67-C-0031

AREA

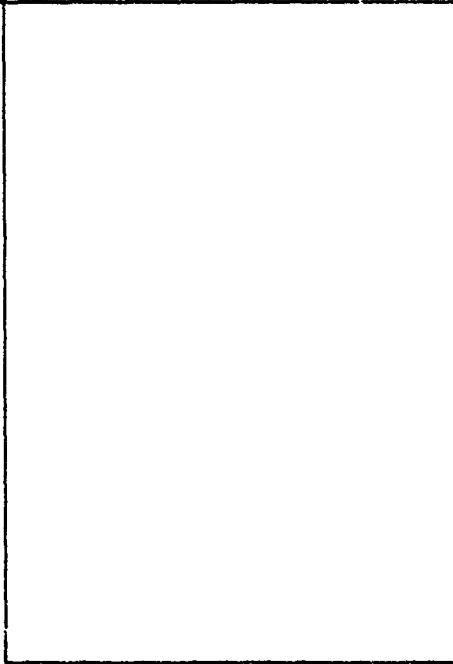
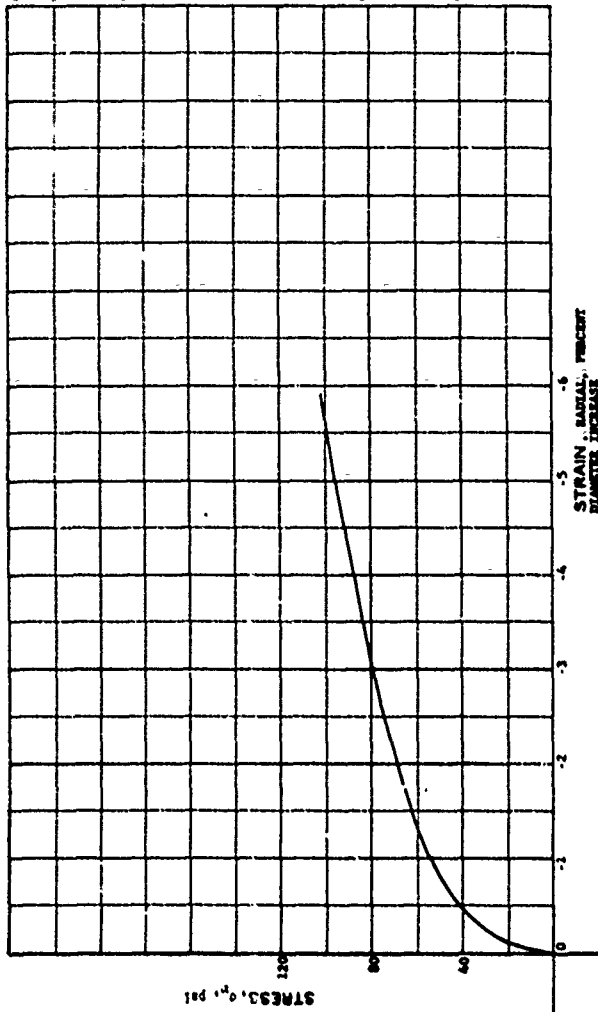
BORING NO. SAMPLE NO. 329
 DEPTH DATE
 EL. PL 17 P1 19

DESCRIPTION Washing Hill Clay
 Constant Stress Ratio, 0.4
 Initial Pressure, 1600 psi

WATER CONTENT	W	12.37	%
VOID RATIO	e_0	0.80	
SATURATION	S_r	62.61	%
DRY DENSITY	γ_d	93.37	PCF
WET DENSITY	γ	105.34	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

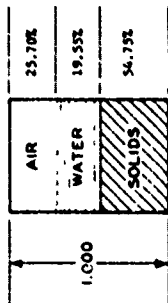


HYDROSTATIC PRESSURE, p , PSI

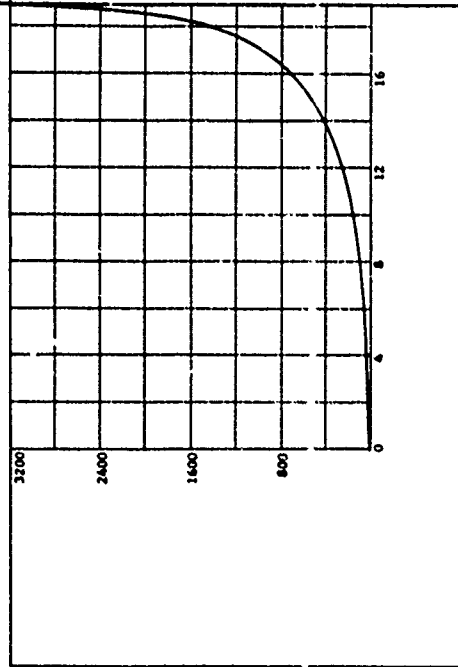
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT		Georgia Institute of Technology, B-602	
		Contract No. DMCAS-67-C-0051	
AREA			
BORING P.O.	SAMPLE NO.		179
DEPTH	DATE		
EL.	PL	17	PI 19
DESCRIPTION: Matching Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 1400 psi			

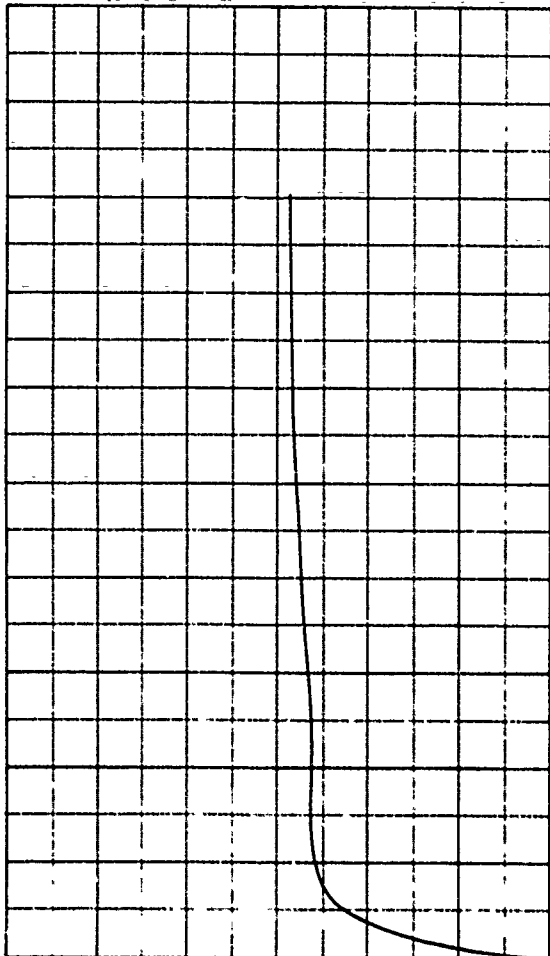
WATER CONTENT	W	13.22	%
VOID RATIO	e_0	0.83	
SATURATION	S_0	63.20	%
DRY DENSITY	γ_s	92.25	PCF
WET DENSITY	γ	106.45	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.57	CM
SPECIMEN HEIGHT	H_0	7.36	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

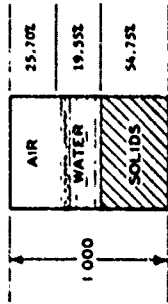


TRIAXIAL SHEAR PHASE

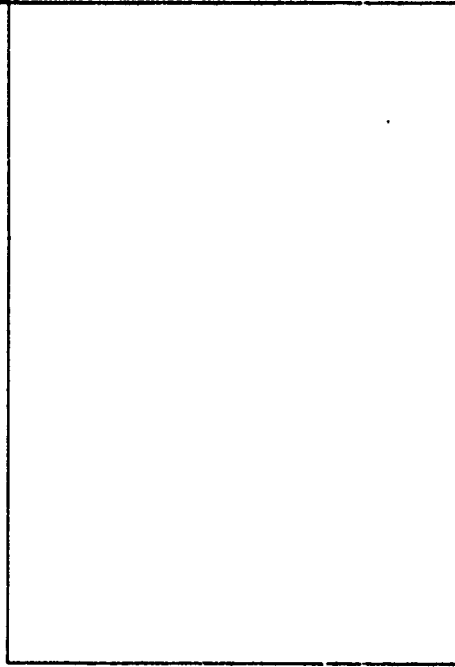
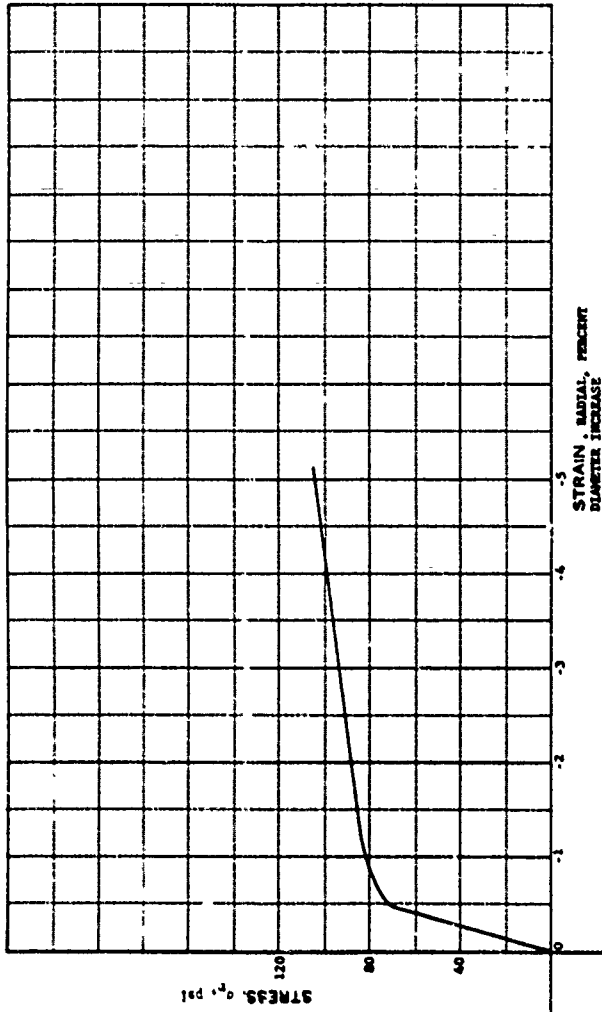
PROJECT		Georgia Institute of Technology B-402	
		Contract No. DMCJ39-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.	PL	PI
DEPTH	300	17	19
EL.	DATE		
DESCRIPTION			
Matching Mill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 3200 psi			

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	13.72 %
VOID RATIO	e_0	0.83
SATURATION	S_0	43.20 %
DRY DENSITY	γ_d	92.25 PCF
WET DENSITY	γ	104.45 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.57 CM
SPECIMEN HEIGHT	H_0	7.36 CM



HYDROSTATIC COMPRESSION PHASE



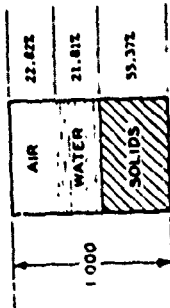
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p, PSI

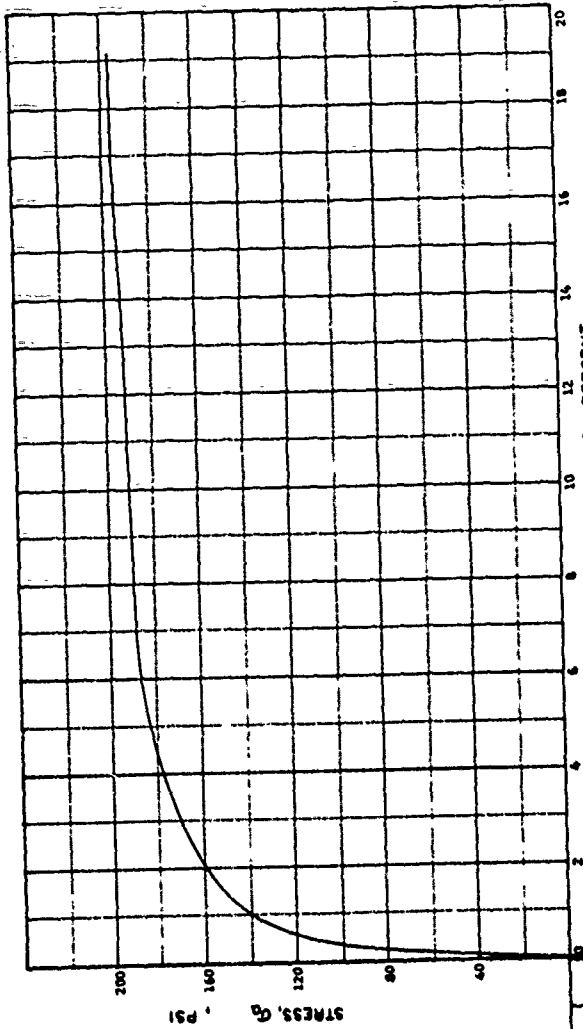
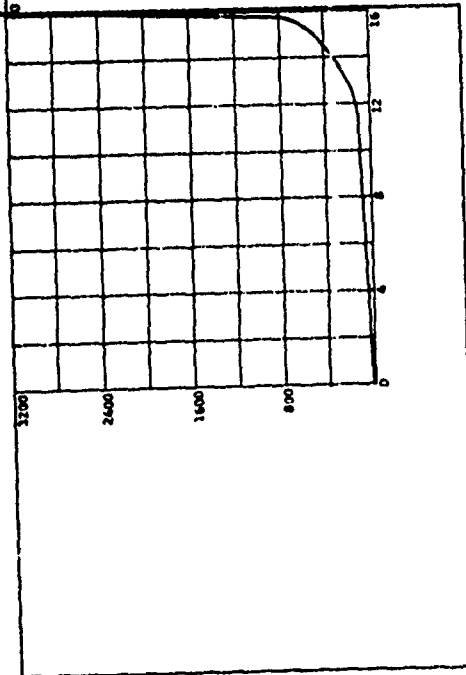
172

PROJECT		Georgia Institute of Technology B-622	
		Contract No. DMC439-67-C-0031	
AREA			
BORING NO.	SAMPLE NO. 303		
DEPTH	DATE		
EL	PL 17	PL 19	
DESCRIPTION Matching Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 3200 psi			

WATER CONTENT	W	14.59	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	48.86	%
DRY DENSITY	γ	99.29	PCF
WET DENSITY	γ	106.90	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



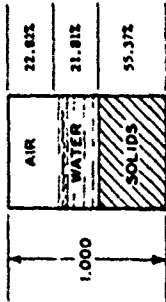
HYDROSTATIC COMPRESSION PHASE



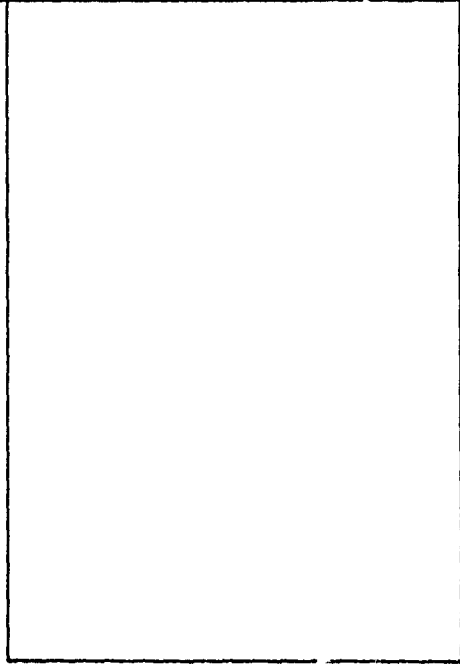
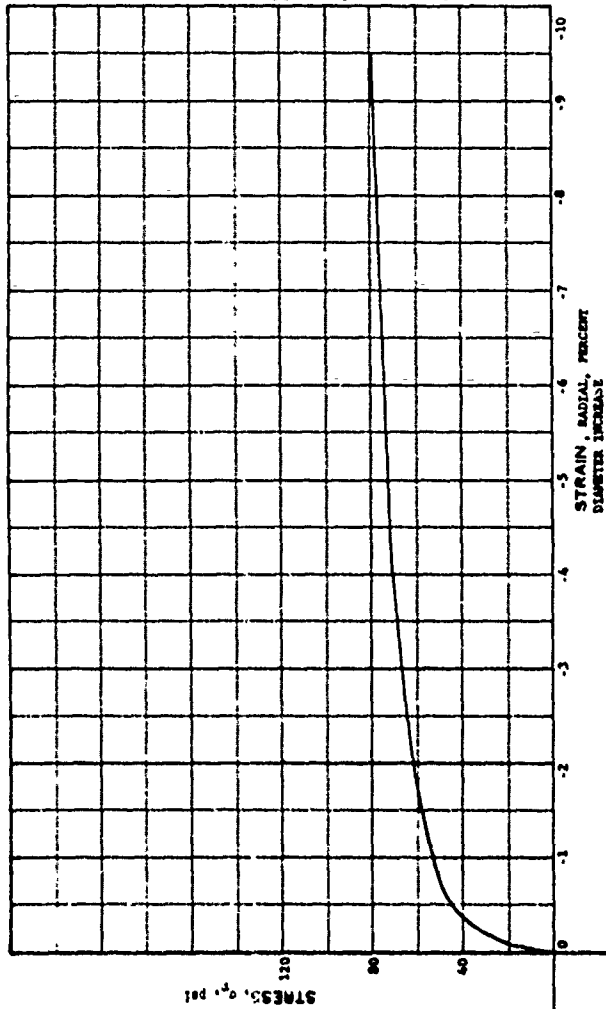
TRIAxIAL SHEAR PHASE

PROJECT		Georgia Institute of Technology 3-602	
		Contract No. DMC39-67-C-0051	
AREA		SAMPLE NO.	308
BORING NO.		DATE	
DEPTH		PL	17
EL.		PI	19
DESCRIPTION Matching Hill Clay			
Constant Stress Ratio, 0.4			
Initial Pressure, 3200 psi			

WATER CONTENT	W	14.39 %
VOID RATIO	e_0	0.81
SATURATION	S_0	48.84 %
DRY DENSITY	γ_d	90.29 PCF
WET DENSITY	γ	106.90 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology B-602
Contract No. DMA39-47-C-0031

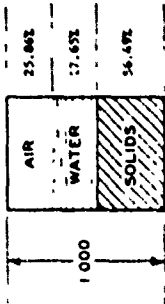
AREA _____

SAMPLE NO. _____
DEPTH _____
DATE _____

LL 36 PL 17 PI 19

DESCRIPTION Matching Mill Clay
Constant Stress Ratio, 0.4
Initial Pressure, 3200 psi

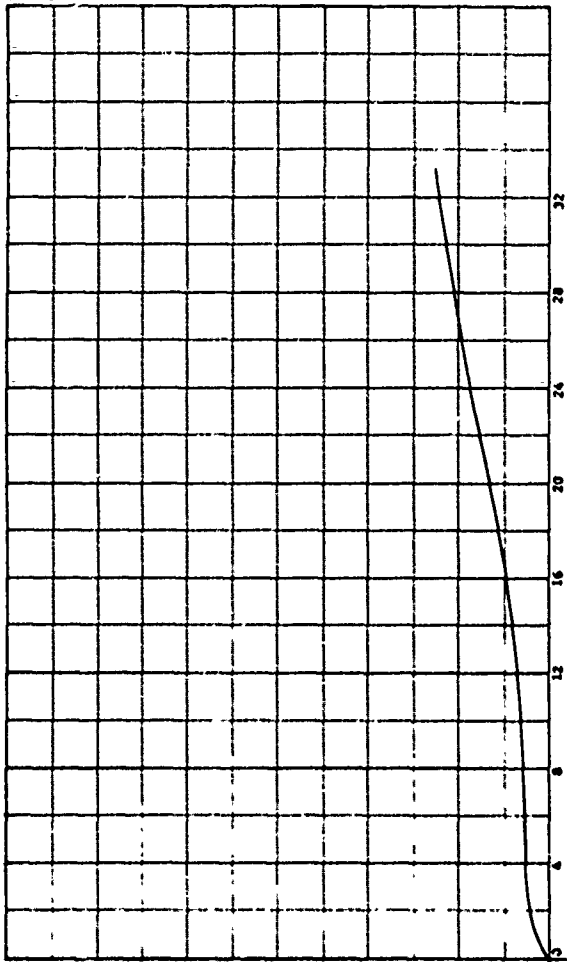
WATER CONTENT	W	11.57	%
VOID RATIO	e_0	0.77	
SATURATION	S_0	40.57	%
DRY DENSITY	γ	93.18	PCF
WET DENSITY	γ	106.19	PCF
SPECIFIC GRAVITY	G_s	2.70	
STEM DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT Georgia Institute of Technology B-402
Contract No. DAC39-67-C-0051

AREA _____

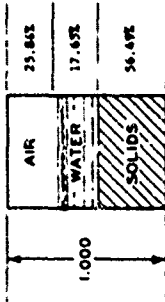
BORING NO. _____ SAMPLE NO. 248
DEPTH _____ DATE _____
EL. _____ PL 17 PI 19

DESCRIPTION Matching Mill. Clay
Constant Stress Ratio, 0.6
Initial Pressure, 0 psi

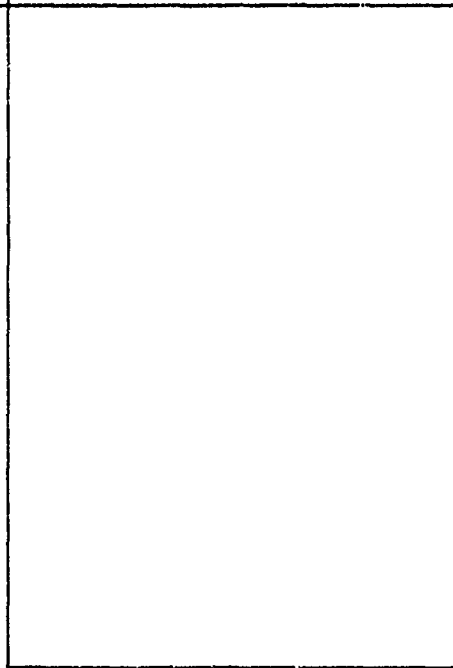
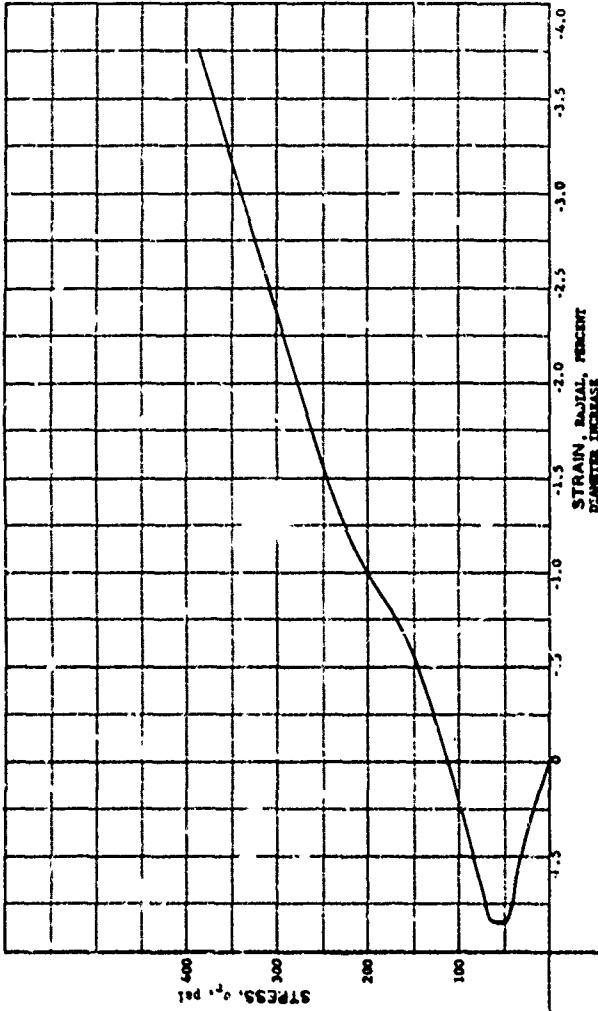
HYDROSTATIC PRESSURE, P, PSI

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WATER CONTENT	W	11.57 %
VOID RATIO	e_0	0.77
SATURATION	S_c	40.57 %
DRY DENSITY	γ_d	95.18 PCF
WET DENSITY	γ	106.19 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.48 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE

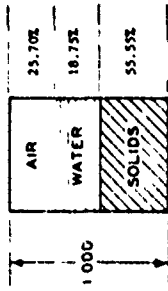


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

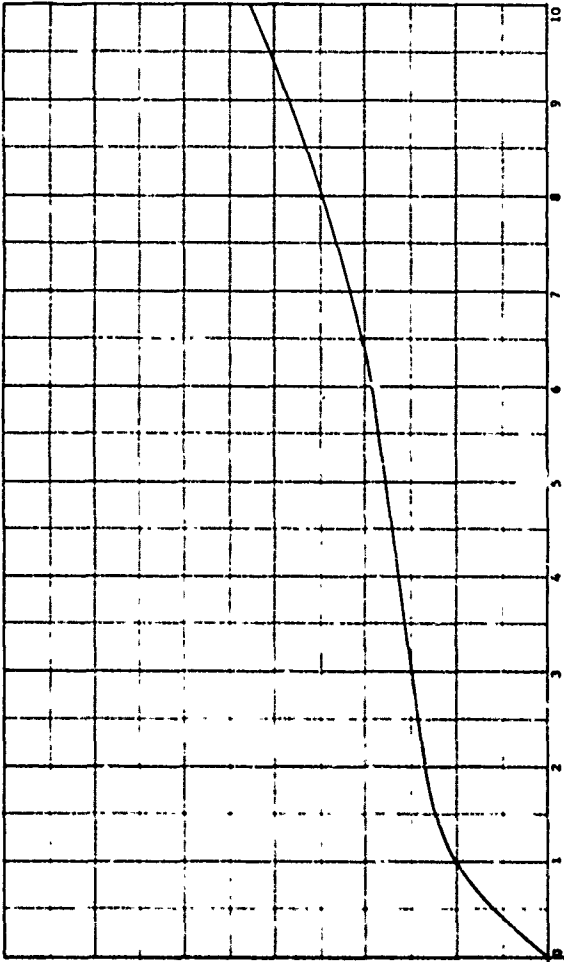
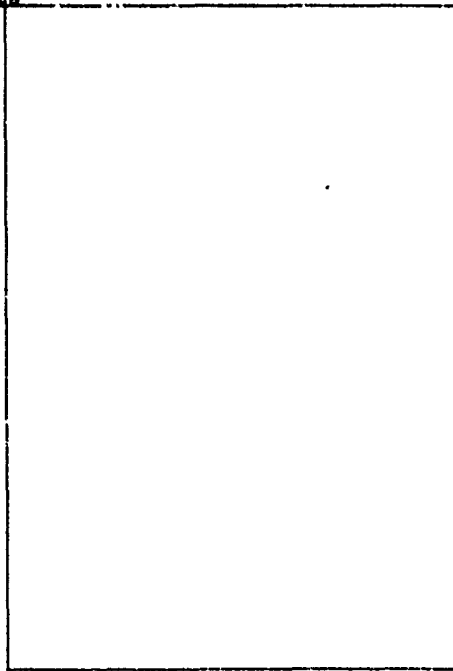
HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology E-602	
Contract No. DMC319-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 248
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION <u>Metcibon Hill Clay</u>	
Constant Stress Ratio, 0.6	
Initial Pressure, 0 psi	

WATER CONTENT	W	12.50	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.18	%
DRY DENSITY	γ_d	93.59	PCF
WET DENSITY	γ	105.29	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



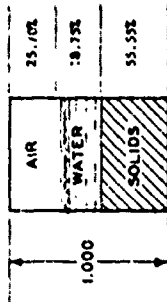
TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

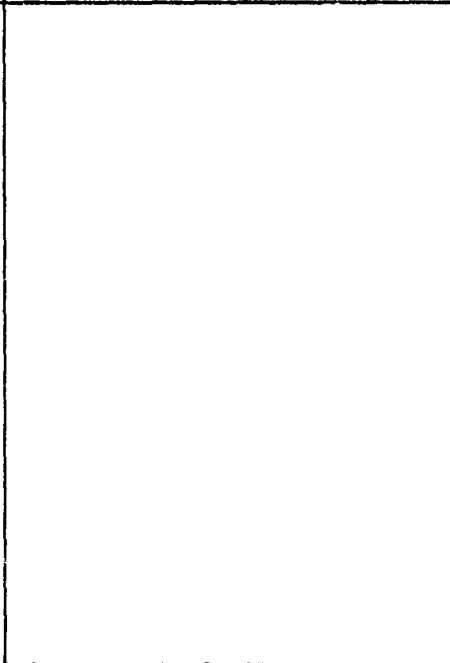
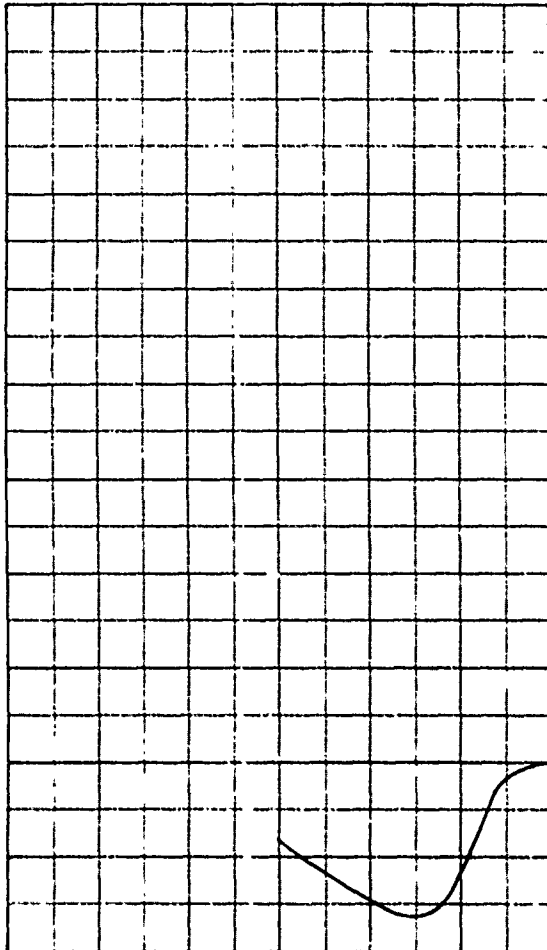
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PROJECT	Georgia Institute of Technology 7-402		
AREA	Contract No. DMS32-67-C-0031		
BORING NO.	SAMPLE NO. 266		DATE
DEPTH	PL 17		PI 19
EL			
DESCRIPTION	Watching Hill Clay		
	Constant Stress Ratio, 0.6		
	Initial Pressure, 0 psi		

WATER CONTENT	W	12.50 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.18 %
DRY DENSITY	γ_d	99.58 PCF
WET DENSITY	γ	105.29 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.42 CM



HYDROSTATIC COMPRESSION PHASE

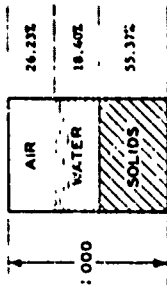


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

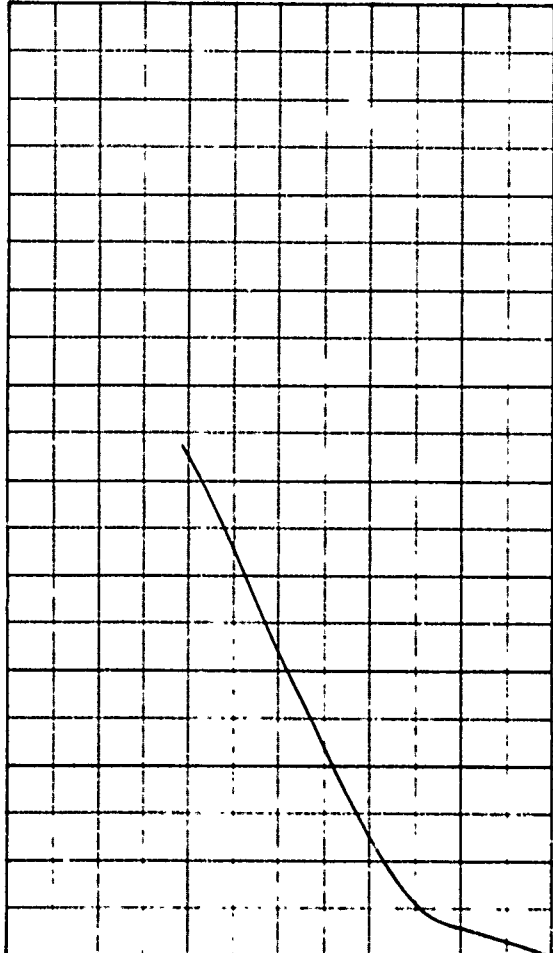
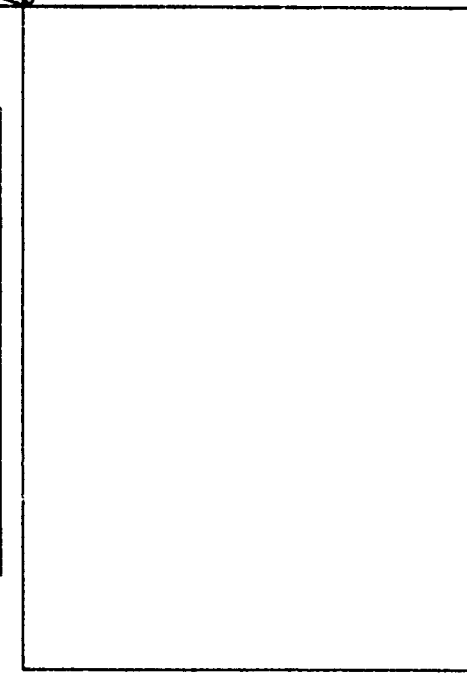
HYDROSTATIC PRESSURE, P, PSI

PROJECT		Georgia Institute of Technology E-602	
		Contract No. DCA39-47-C-0051	
AREA		SAMPLE NO.	268
BORING NO.		DATE	
DEPTH		PL	17
EL		PI	19
DESCRIPTION			
Washing Mill Clay			
Constant Stress Ratio, 0.6			
Initial Pressure, 0 psi			

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.81
SATURATION	S_0	41.23 %
DRY DENSITY	γ_d	93.29 PCF
WET DENSITY	γ	104.78 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



TRIAXIAL SHEAR PHASE

PROJECT Georgia Institute of Technology 8-602
 Contract No. DMC039-67-C-0051

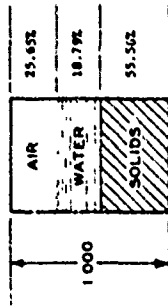
AREA _____ BORING NO. 267
 DEPTH _____ DATE _____
 LL 36 PL 17 PI 19

DESCRIPTION Maching K111 Clay.
 Constant Stress Ratio, 0.6
 Initial Pressure, 0 psi

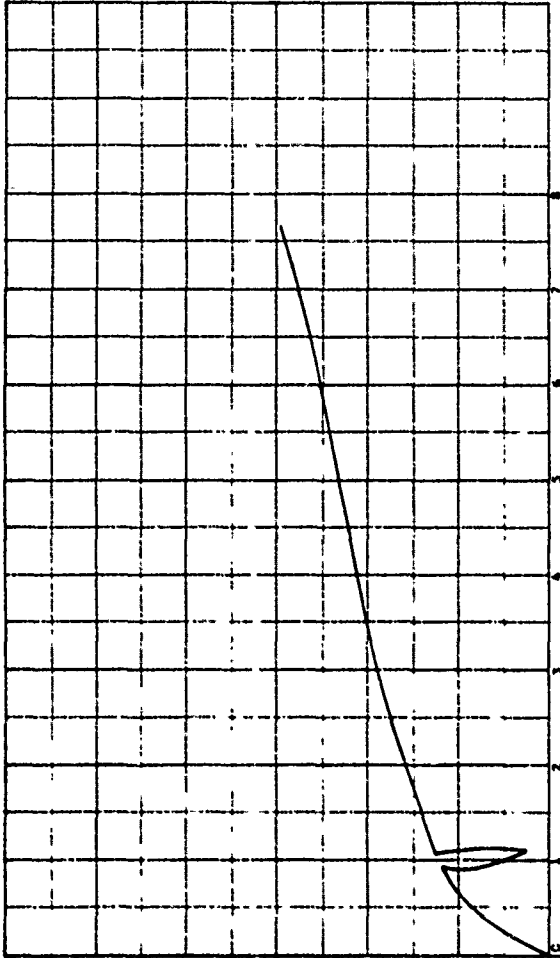
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.52	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	62.26	%
DRY DENSITY	γ_d	99.60	PCF
WET DENSITY	γ	109.32	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.69	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

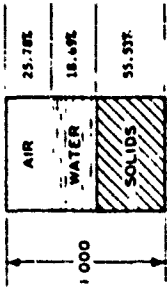
PROJECT: Georgia Institute of Technology B-402
 Contract No. DMC33-67-C-0031

AREA: _____

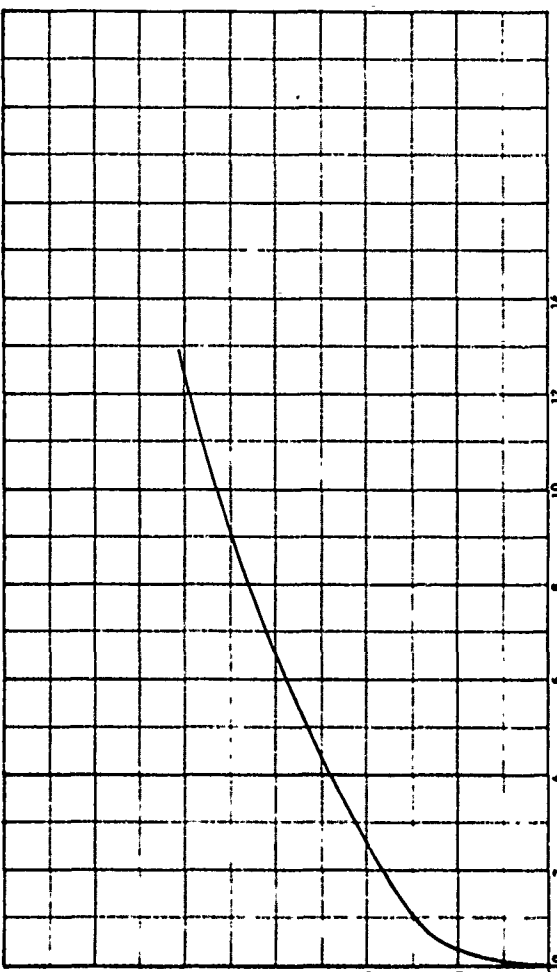
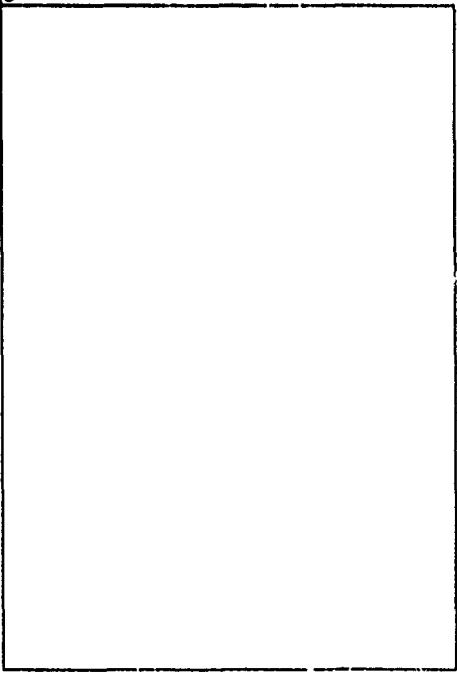
BORING NO. _____ SAMPLE NO. 344
 DEPTH _____ DATE _____
 EL. _____ PL 17 PI 19

DESCRIPTION: Matching Mill Clay
 Constant Stress Ratio, 0.6
 Triaxial Pressure, 0 psi; Cycle Shear @ 3PS

WATER CONTENT	W	12.47	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.04	%
DRY DENSITY	γ_d	93.57	PCF
WET DENSITY	γ	105.23	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAXIAL SHEAR PHASE

PROJECT Georgia Institute of Technology B-602
 Contract No. DAC49-67-G-0051

AREA _____

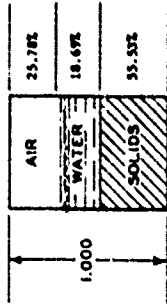
BORING NO. _____ SAMPLE NO. 348
 DEPTH _____ DATE _____
 E.L. _____

LL 36 PL 17 PI 19

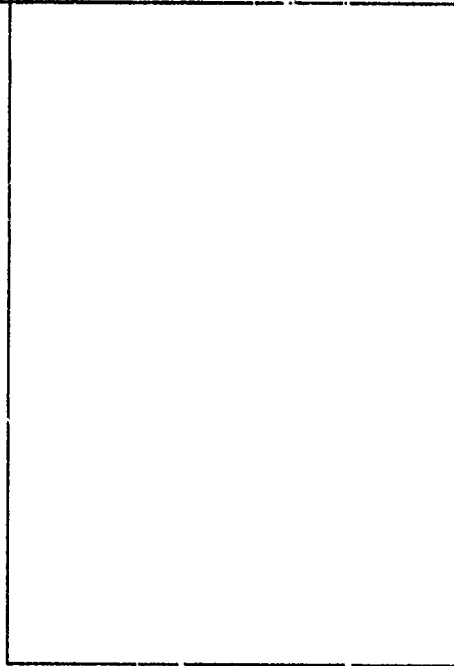
DESCRIPTION Wyching Hill Clay
 Constant Stress Ratio, 0.6
 Initial Pressure, 0 psf

HYDROSTATIC PRESSURE, p , PSF

WATER CONTENT	W	32.67	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.04	%
DRY DENSITY	γ	93.57	PCF
WET DENSITY	γ	105.23	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.90	CM
SPECIMEN HEIGHT	H_0	7.63	CM

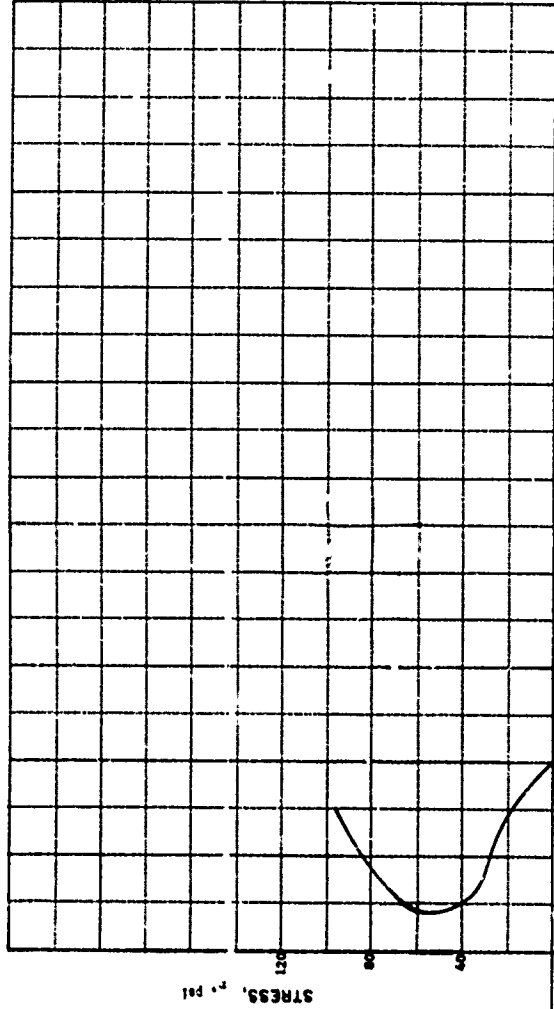


HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

482

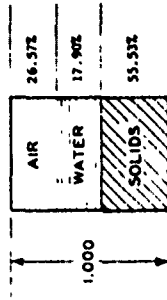


STRAIN, RADIAL, PERCENT
DIAMETER INCREASE

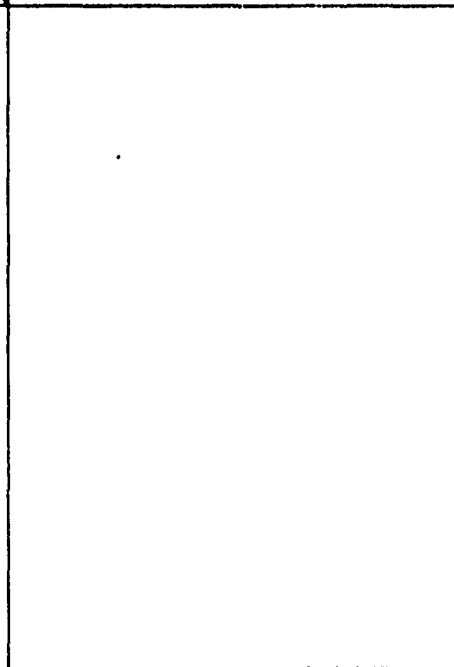
PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No. DMC39-67-C-0051		
BORING NO.	SAMPLE NO. 348		DATE
DEPTH	PL 17	PI 19	
EL	DESCRIPTION Matching Hill Clay		
LL	Constant Stress Ratio, 0.4		
PL	Initial Pressure, 0 psi		

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

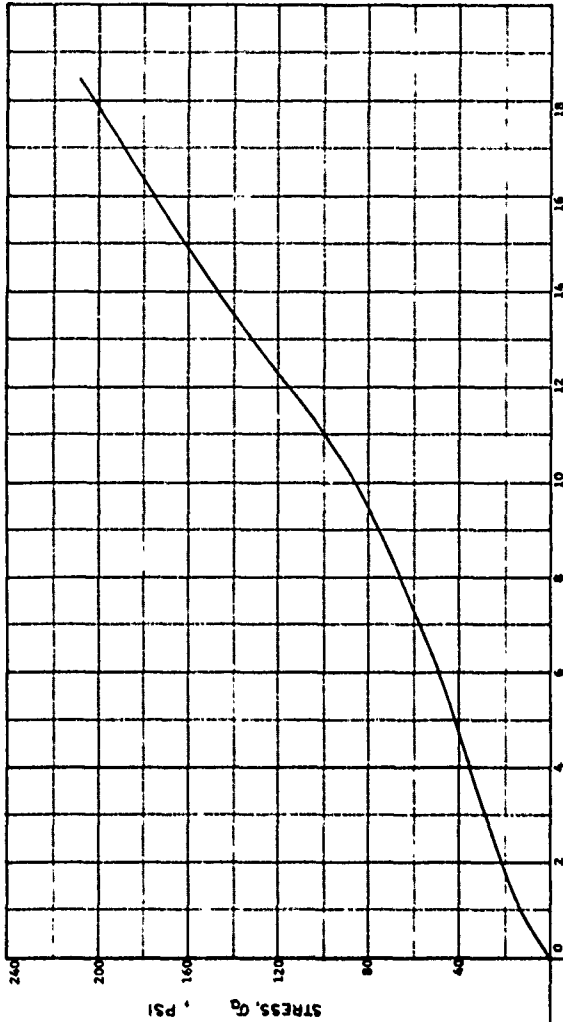
WATER CONTENT	W	11.93	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	40.24	%
DRY DENSITY	γ_d	99.56	PCF
WET DENSITY	γ	104.72	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.59	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

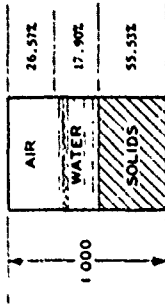


TRIAxIAL SHEAR PHASE

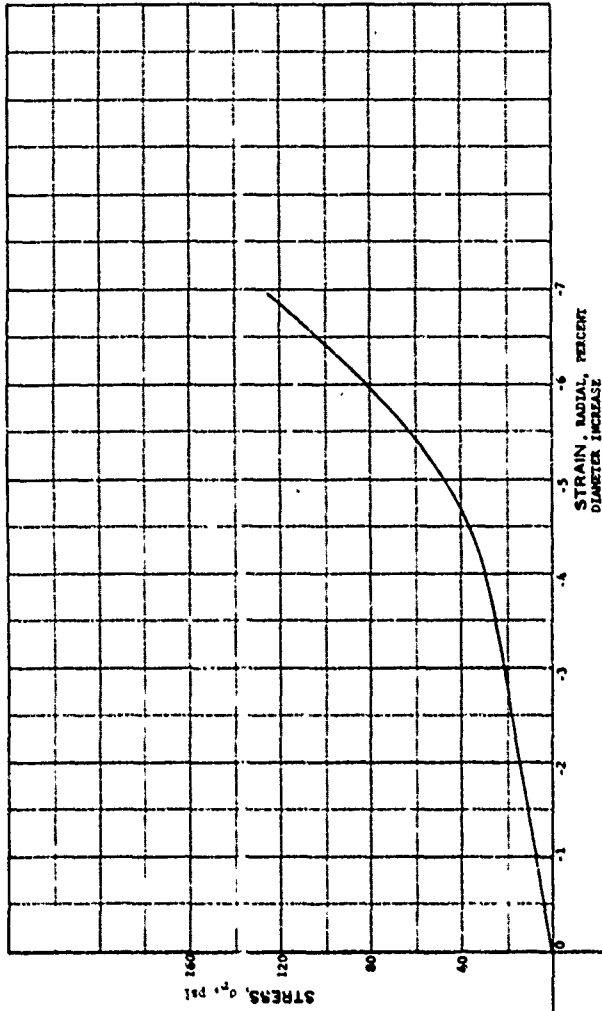
PROJECT		Georgia Institute of Technology B-602	
		Contract No. DMCA39-67-C-0051	
AREA		SAMPLE NO.	294
BORING NO.		DATE	
DEPTH		PL	17
EL		PI	19
LL	36		
DESCRIPTION			
Machine Hill Clay			
Constant Stress Ratio, 0.6			
Initial Pressure, 100 psi			

VOLUMETRIC STRAIN, $\Delta v/v_0$, PERCENT

WATER CONTENT	W	11.93 %
VOID RATIO	e_0	0.80
SATURATION	S_0	40.24 %
DRY DENSITY	γ_d	93.56 PCF
WET DENSITY	γ	104.72 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.6° CM



HYDROSTATIC COMPRESSION PHASE

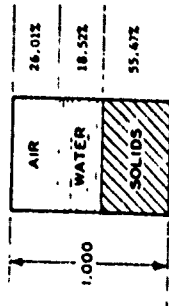


HYDROSTATIC PRESSURE, p, PSI

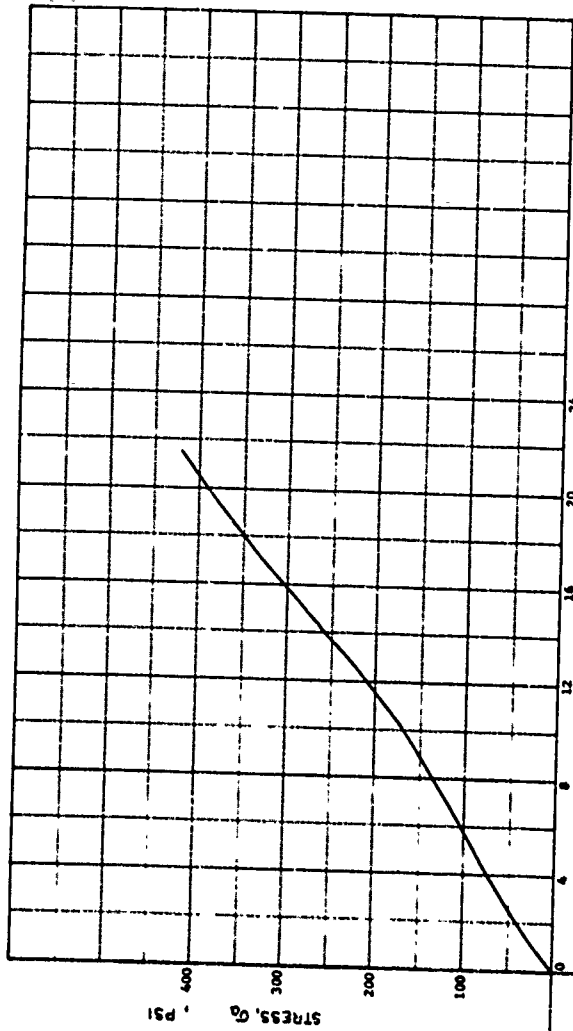
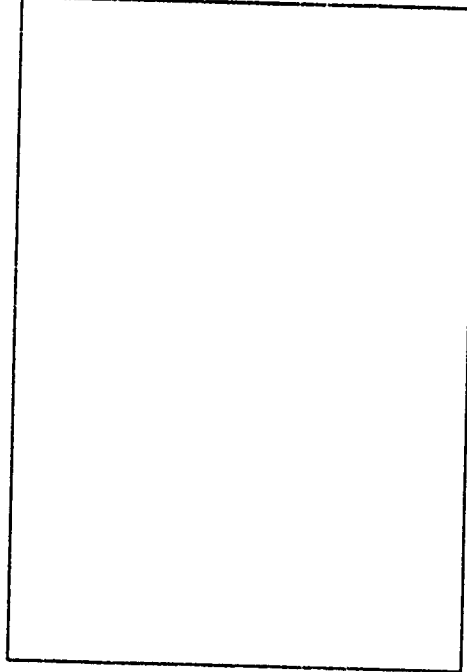
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Georgia Institute of Technology, B-502		
	Contract No. DMC39-67-C-0051		
AREA			
BORING NO.		SAMPLE NO.	
DEPTH		DATE	
LL	36	PL	17
		PI	19
DESCRIPTION	Watchins Hill Clay		
	Constant Stress Ratio, 0.6		
	Initial Pressure, 100 psi		

WATER CONTENT	W	12.37 %
VOID RATIO	e_0	0.80
SATURATION	S_0	61.61 %
DRY DENSITY	γ_d	98.65 PCF
WET DENSITY	γ	105.01 PCF
SPECIFIC GRAVITY	G_s	2.76
SPECIMEN DIAMETER	D_0	3.69 CM
SPECIMEN HEIGHT	H_0	7.62 CM



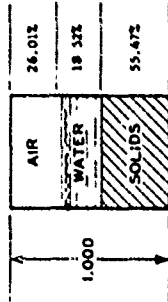
HYDROSTATIC COMPRESSION PHASE



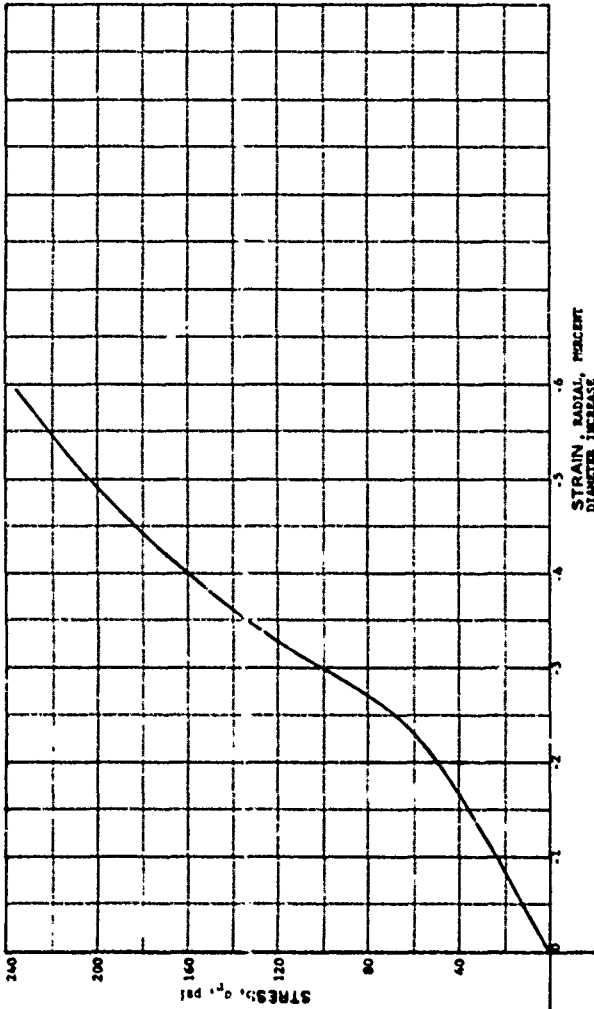
HYDROSTATIC PRESSURE, p , PSI

PROJECT		Georgia Institute of Technology B-602	
AREA		Contract No. DACW39-67-C-0001	
BORING NO.	DEPTH	SAMPLE NO.	DATE
LL 36	PL 17	PI 19	
DESCRIPTION			
Matching Hill Clay			
Constant Stress Ratio, 0.6			
Initial Pressure, 100 psi			

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.80
SATURATION	S_r	41.61 %
DRY DENSITY	γ_d	93.45 PCF
WET DENSITY	γ	105.01 PCF
SPECIFIC GRAVITY	G_s	2.76
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE

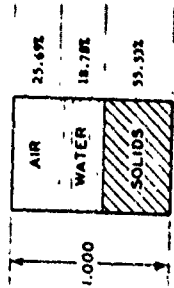


HYDROSTATIC PRESSURE, p, PSI

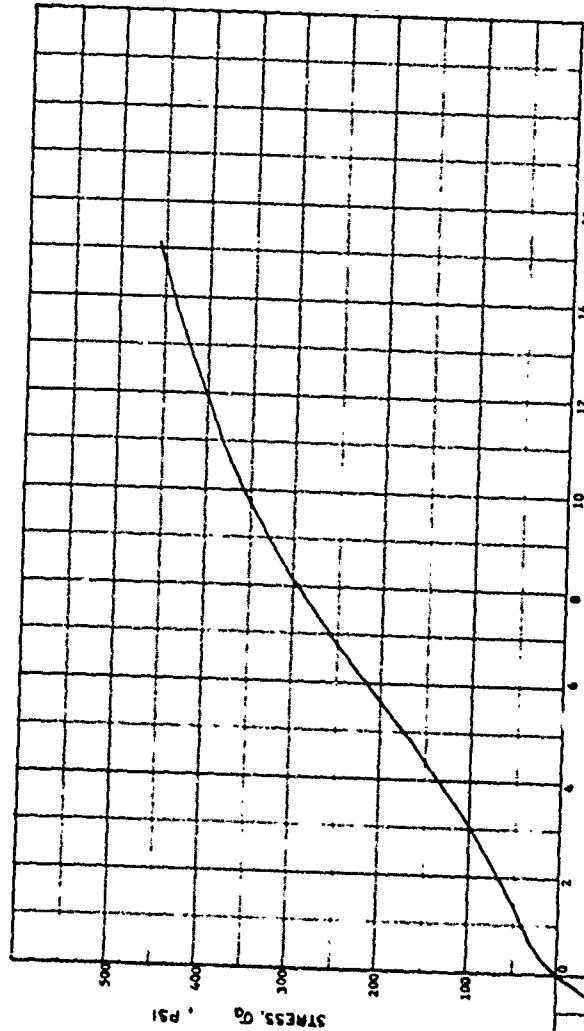
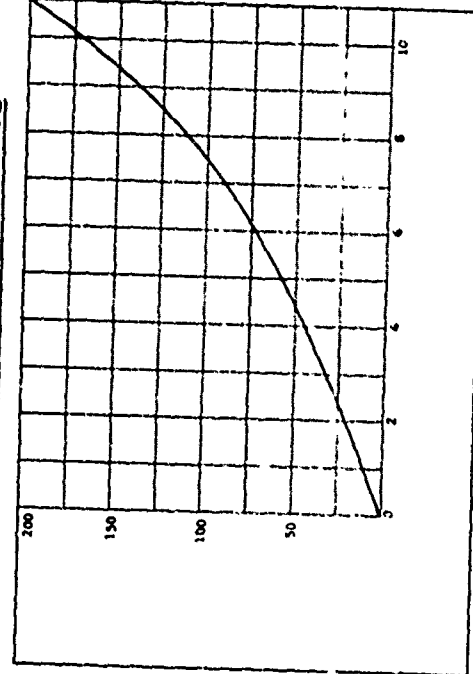
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology B-602	
Contract No. DAC39-67-C-0981	
AREA	SAMPLE NO. 201
HOODING NO.	DATE
DEPTH	PL 36
EL	PI 19
DESCRIPTION Watchdog Hill Clay	
Constant Stress Ratio, D_r	
Initial Pressure, 100 psi	

WATER CONTENT	W	12.53	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	42.24	%
DRY DENSITY	γ	93.54	PCF
WET DENSITY	γ	105.28	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

PROJECT: Georgia Institute of Technology B-602
 Contract No. DMC39-67-C-0051

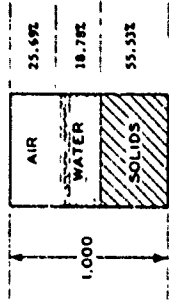
AKLA

BORING NO. _____ SAMPLE NO. 300
 DEPTH _____ DATE _____
 EL. _____ PL. 17 PI. 19

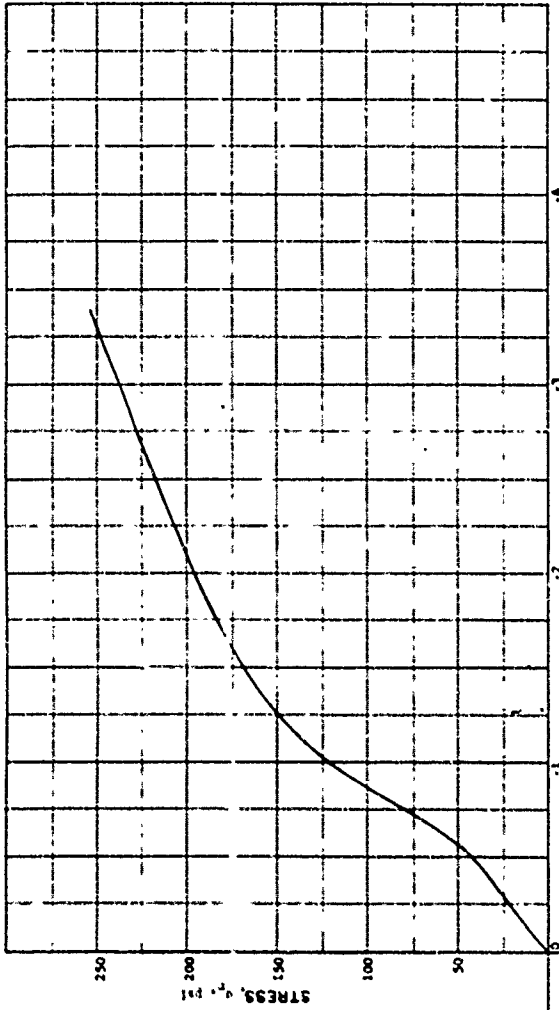
DESCRIPTION: Matching Hill Clay
 Constant Stress Ratio, 0.6
 Initial Pressure, 200 psi

VOLUMETRIC STRAIN, $\Delta V / V_0$, PERCENT

WATER CONTENT	W	12.55	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	62.76	%
DRY DENSITY	γ_d	93.56	PCF
WET DENSITY	γ	105.28	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM

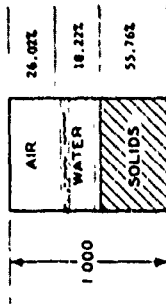


HYDROSTATIC COMPRESSION PHASE

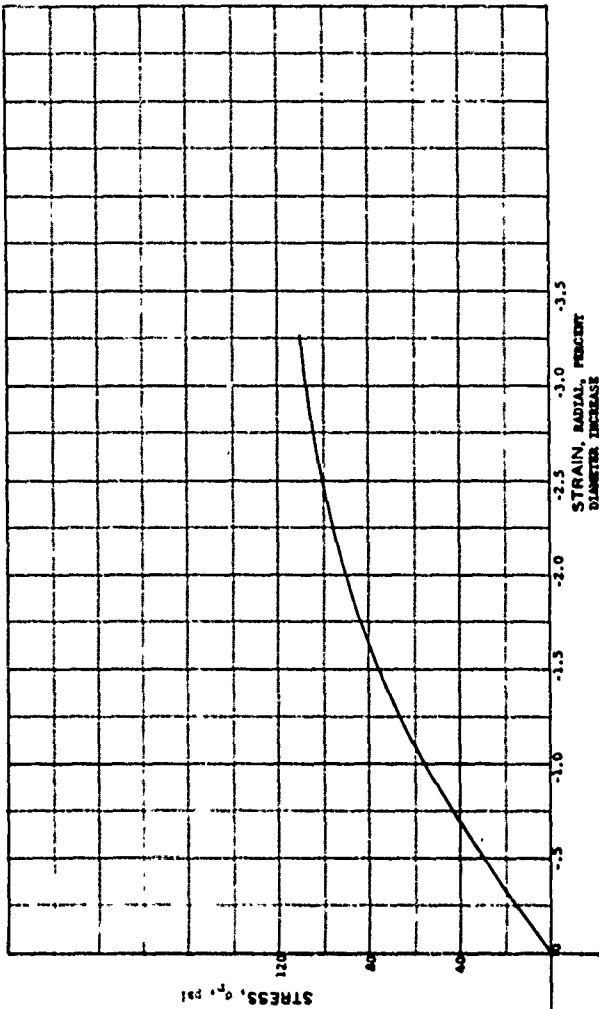


PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No. DCA319-57-C-0051		
BORING NO.		SAMPLE NO.	300
DEPTH		DATE	
LL	36	PL	17
		PI	19
DESCRIPTION	Watchdog Hill Clay		
	Constant Stress, 24519.0 lb.		
	Initial Pressure, 200 psi		

WATER CONTENT	W	12.11	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.19	%
DRY DENSITY	γ_d	93.46	PCF
WET DENSITY	γ	105.31	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE

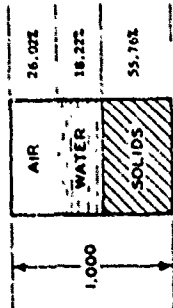


HYDROSTATIC PRESSURE, P, PSI

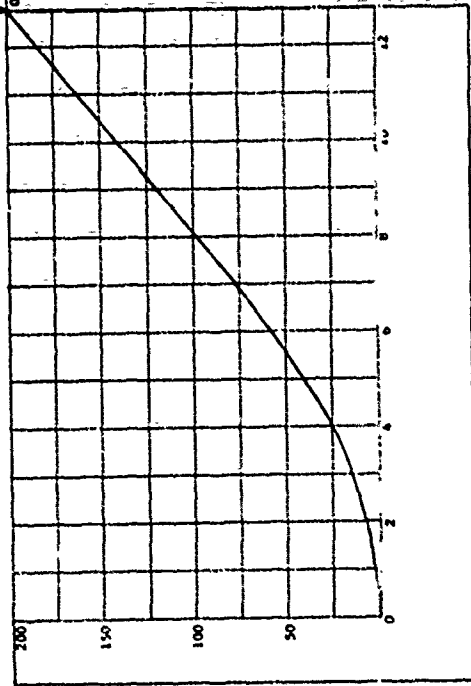
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT	Georgia Institute of Technology, R-402		
AREA	Contract No. DAC49-67-C-0051		
BORING NO.	SAMPLE NO. 325		DATE
DEPTH	PL 36		PI 19
EL	DESCRIPTION Machine Hill Clay		
Contract Stress Ratio, 0.6			
Initial Pressure, 200 psi			

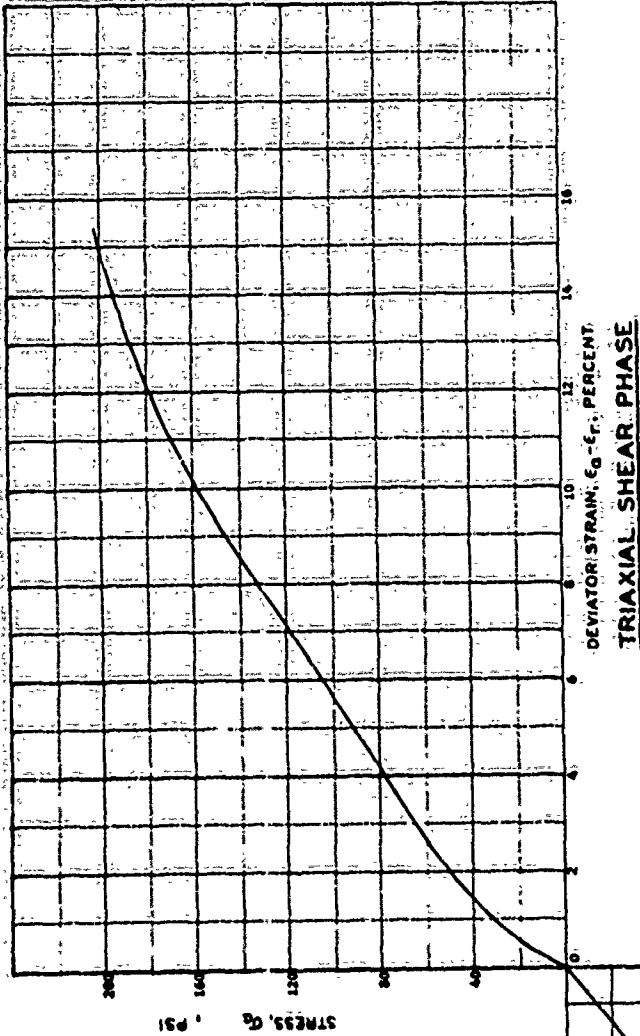
WATER CONTENT	W	12.11	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.19	%
DRY DENSITY	γ_d	90.4	PCF
WET DENSITY	γ	105.31	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	M_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology, B-602
 Contract No. (MCA) 37-67-C-0031

AREA: _____

BORING NO.: _____ SAMPLE NO.: 315

DEPTH: _____ DATE: _____

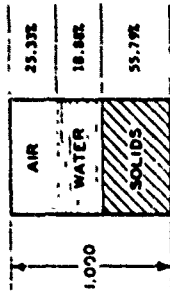
ELL: _____ PL: 17 PI: 19

DESCRIPTION: Matching Bill Clay

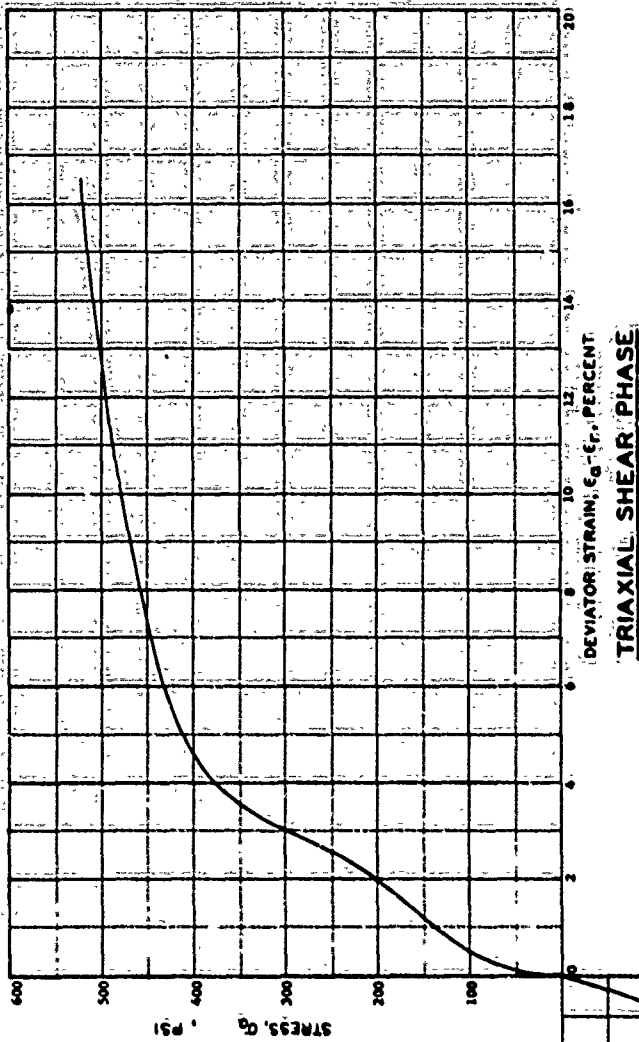
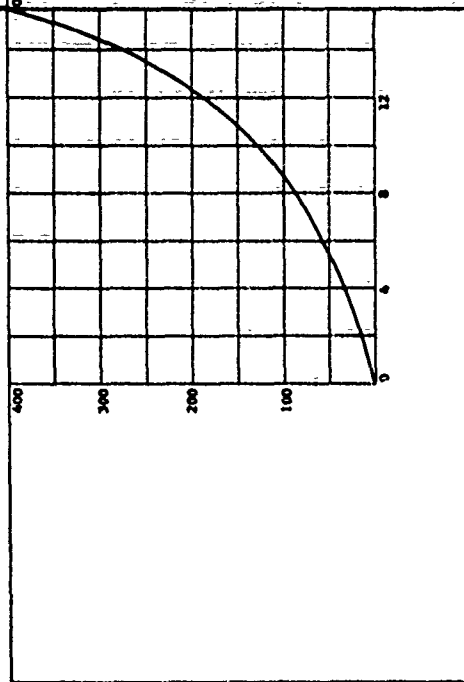
Conventional Stress, Metric , 0.6
 Initial Pressure, 200/psi

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.53 %
VOID RATIO	e_0	0.79
SATURATION	S_0	42.70 %
DRY DENSITY	γ_d	94.00 PCF
WET DENSITY	γ	105.78 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	M_0	7.43 CM

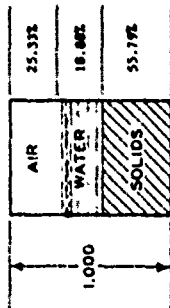


HYDROSTATIC COMPRESSION PHASE

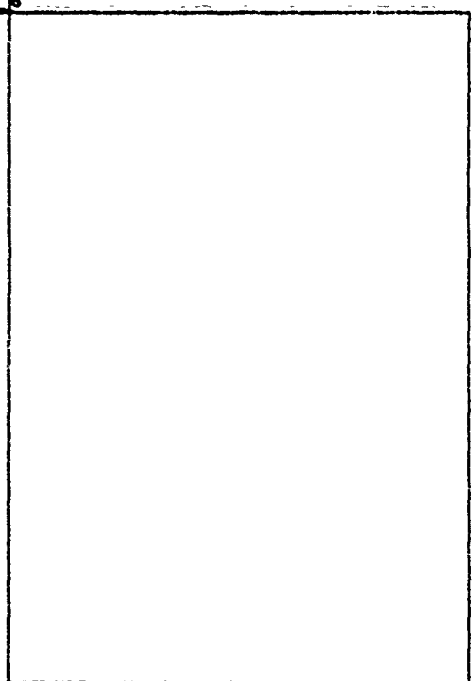
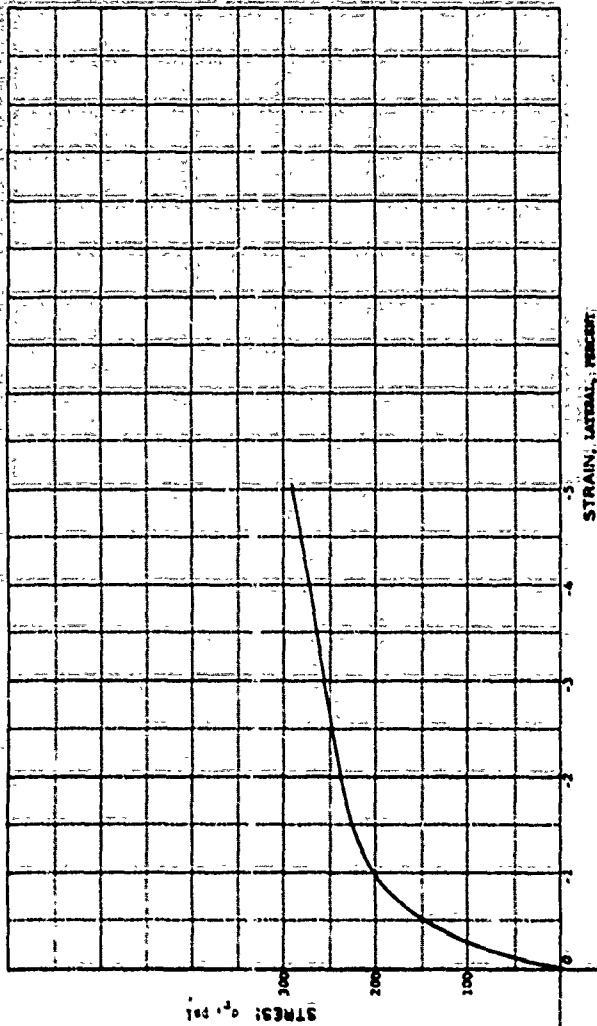


PROJECT		Georgia Institute of Technology B-602	
Contract No. MA339-67-C-0031			
AREA		SAMPLE NO. 320	
BORING NO.		DEPTH	DATE
EL		PL 36	PL 19
DESCRIPTION	Macon Hill Clay		
	Constant Stress Ratio, 0.5		
	Initial Pressure, 400 psi		

WATER CONTENT	W	12.55 %
VOID RATIO	e_0	0.79
SATURATION	S_u	42.70 %
DRY DENSITY	γ_d	94.00 PCF
WET DENSITY	γ	105.78 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.61 CM



HYDROSTATIC COMPRESSION PHASE



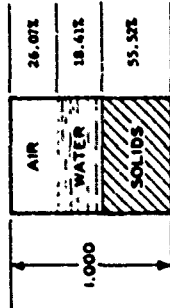
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p, PSI

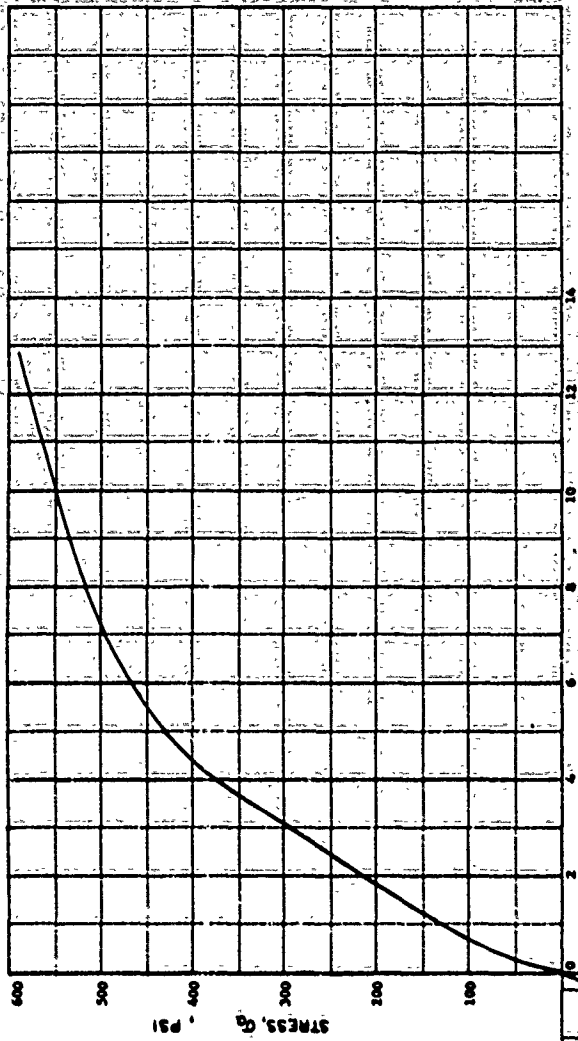
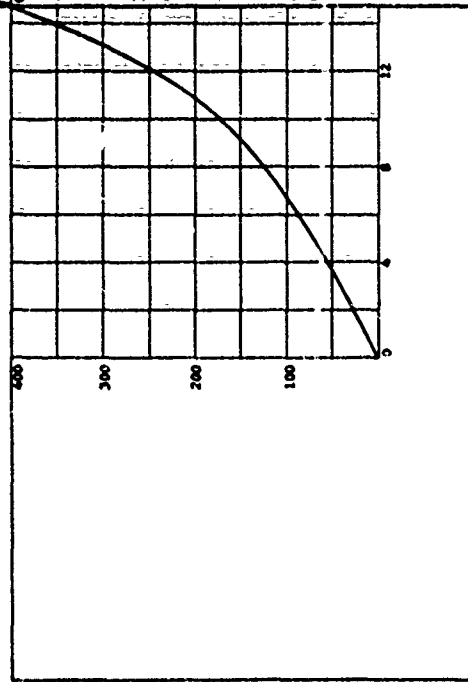
462

PROJECT: Georgia Institute of Technology, B-602		
Contract No.: DMZ(39-67-C-0051)		
AREA:		
BORING NO.: 320		
DEPTH: EL		
DATE:		
LL 36	PL 17	PI 19
DESCRIPTION: Washing Mill Clay		
Constant Stress Ratio, 0.6		
Initial Pressure, 400 psi		

WATER CONTENT	W	12.28 %
VOID RATIO	e_0	0.80
SATURATION	S_0	61.39 %
DRY DENSITY	γ_d	99.54 PCF
WET DENSITY	γ	109.02 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE

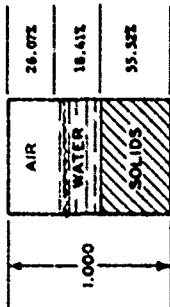


TRIAxIAL SHEAR PHASE

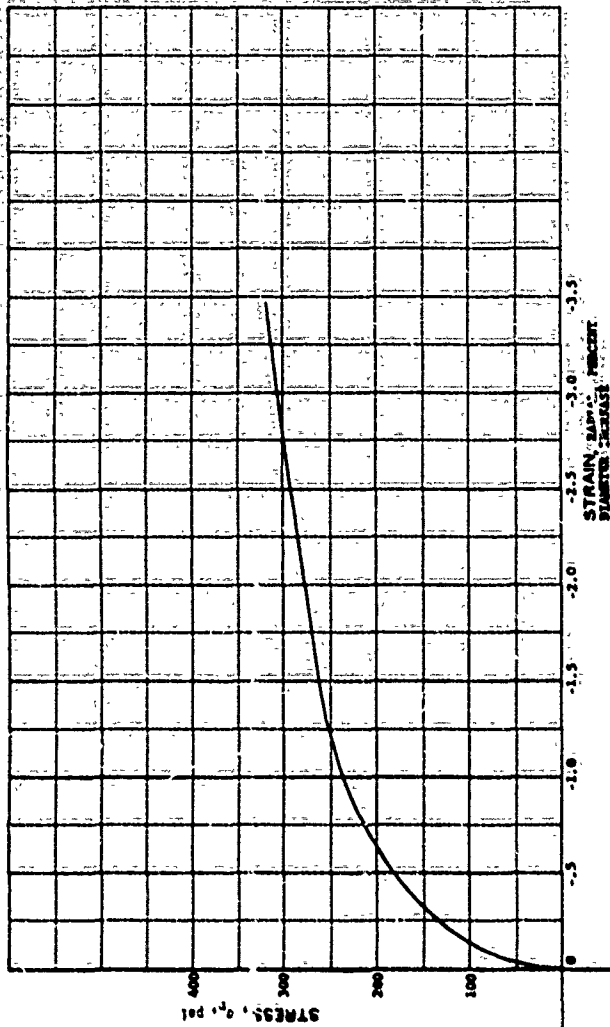
PROJECT		Georgia Institute of Technology, B-602	
AREA		Contract No. BGS39-67-C-0051	
BORING NO.	SAMPLE NO.	338	
DEPTH/EL.	DATE		
LL 36	PL 17	PI 19	
DESCRIPTION			
Mackay Hill Clay			
Constant Stress Ratio, 0.5			
Initial Pressure, 400 psi			

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.28 %
VOID RATIO	e_0	0.80
SATURATION	S_r	41.39 %
DRY DENSITY	γ_d	93.54 PCF
WET DENSITY	γ	105.02 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_c	1.57 CM



HYDROSTATIC COMPRESSION PHASE

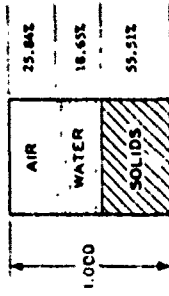


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

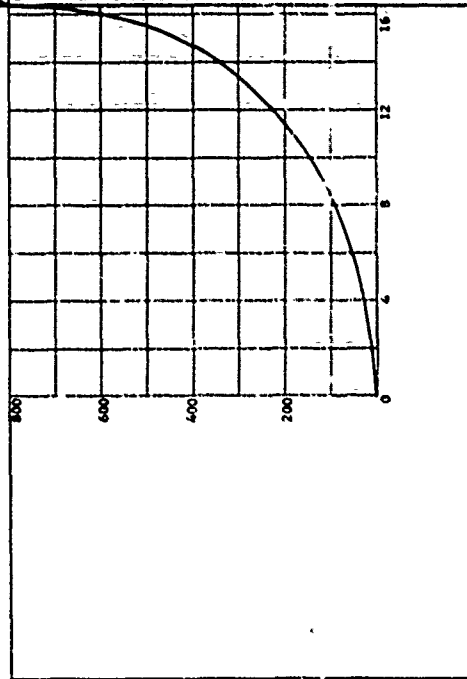
PROJECT		Georgia Institute of Technology B-602	
		Contract No. DCA319-67-C-00511	
AREA			
BORING NO.	SAMPLE NO.		
DEPTH	DATE		
LL 36	PL 17	PI 19	
DESCRIPTION: Matching Hill Clay			
Constant Stress Ratio, 0.6			
Initial Pressure, 500 p.s.f.			

HYDROSTATIC PRESSURE, P, PSI

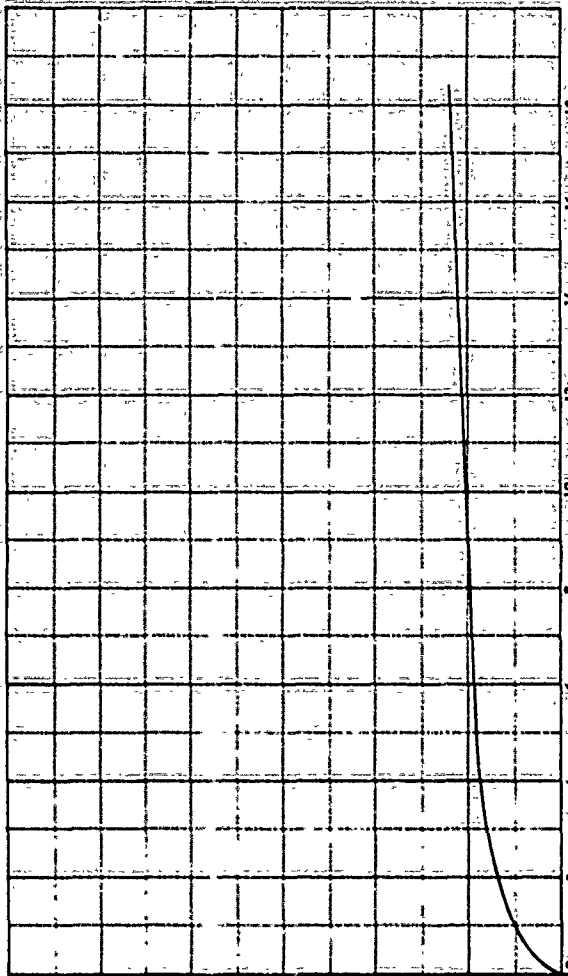
WATER CONTENT	W	12.44 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.91 %
DRY DENSITY	γ_d	99.51 PCF
WET DENSITY	γ	105.15 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN $\Delta V/V_0$, PERCENT



DEVIATOR STRAIN, $\epsilon - \epsilon_x$, PERCENT
TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology B-602
 Core Test No. DMCAT-97-C-0031

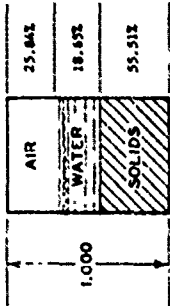
AREA: _____

BORING NO.: _____ SAMPLE NO. 339
 DEPTH: _____ DATE _____
 EL. _____ PL 17 PI 19

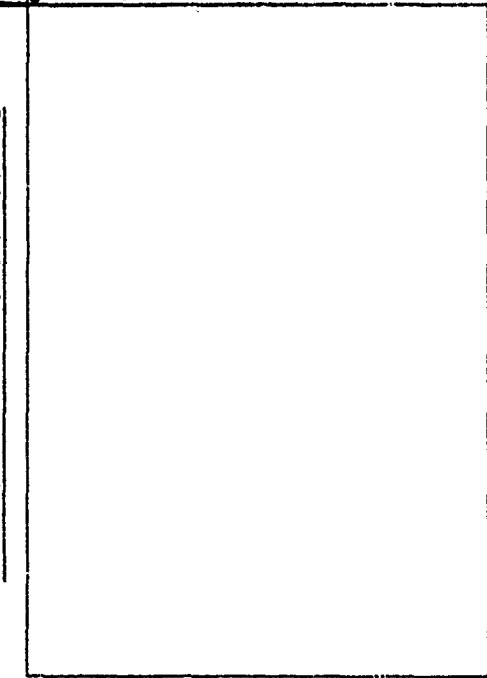
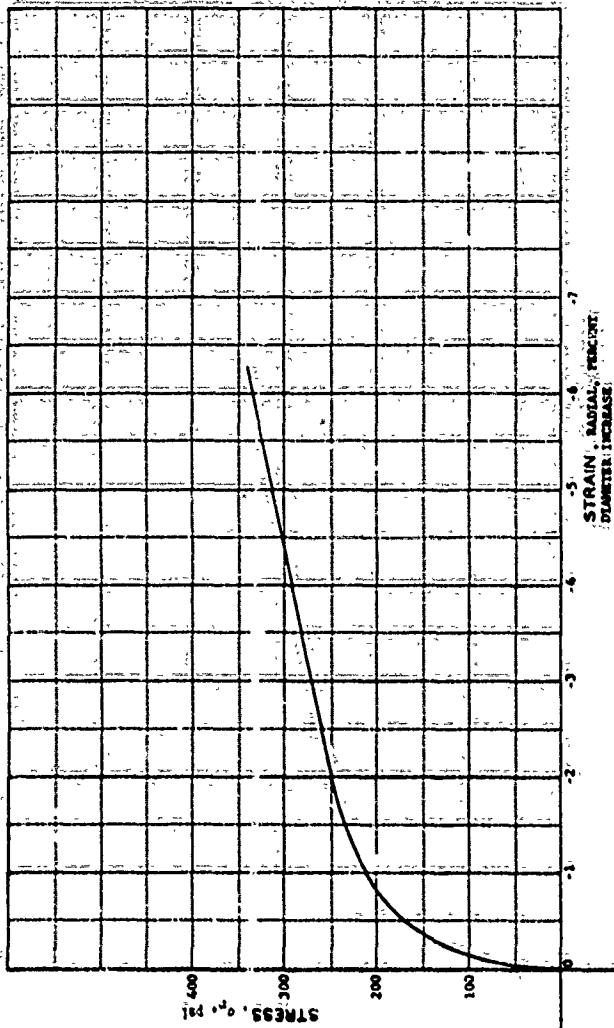
DESCRIPTION: Matching Milling
 Constant Stress Ratio, 0.6
 Initial Pressure, 800 psi

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.44 %
VOID RATIO	e_0	0.60
SATURATION	S_0	41.41 %
DRY DENSITY	γ_d	97.51 PCF
WET DENSITY	γ	109.15 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE

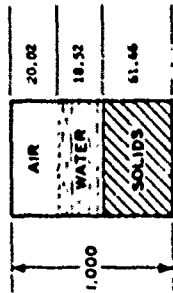


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

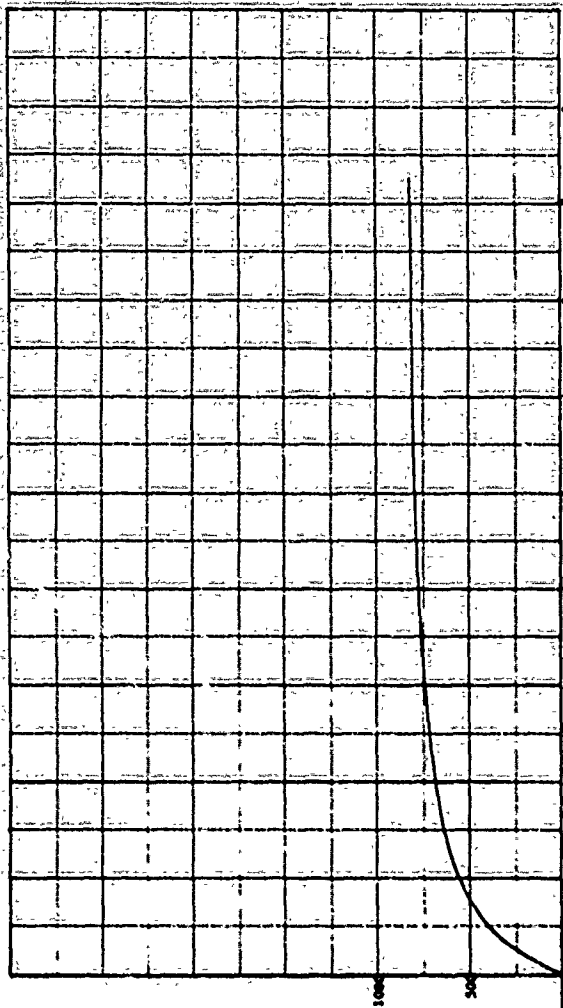
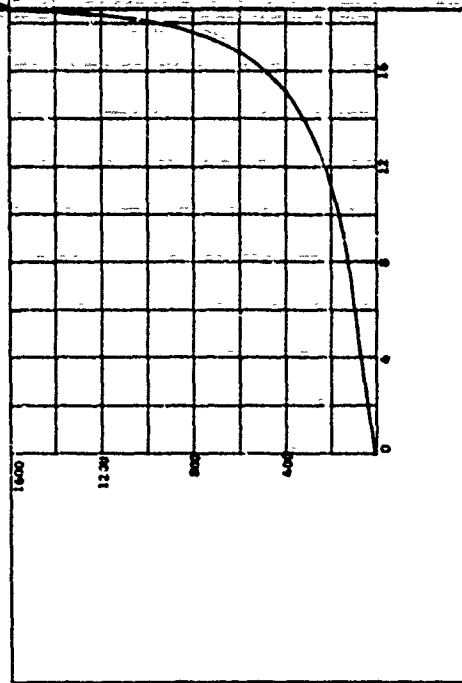
HYDROSTATIC PRESSURE, p, PSI

PROJECT		Georgia Institute of Technology B-602	
		Contract No. MC439-67-C-0031	
AREA			
BORING NO.	SAMPLE NO.	339	
DEPTH, EL.	DATE		
LL 36	PL 17	PI 19	
DESCRIPTION: March Hill Clay			
Constant Strain Ratio, 0.6			
Initial Pressure, 800 psi			

WATER CONTENT	W	11.16	%
VOID RATIO	e_v	0.43	
SATURATION	S_w	48.05	%
DRY DENSITY	γ_d	100.55	PCF
WET DENSITY	γ	115.10	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.34	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



DEVIATOR STRAIN, ϵ_d , PERCENT
TRIAXIAL SHEAR PHASE

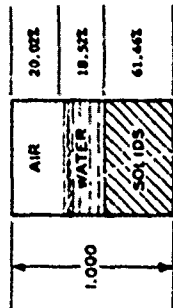
PROJECT: Georgia Institute of Technology 3-602
Contract No. MCA39-67-C-0051

AREA _____

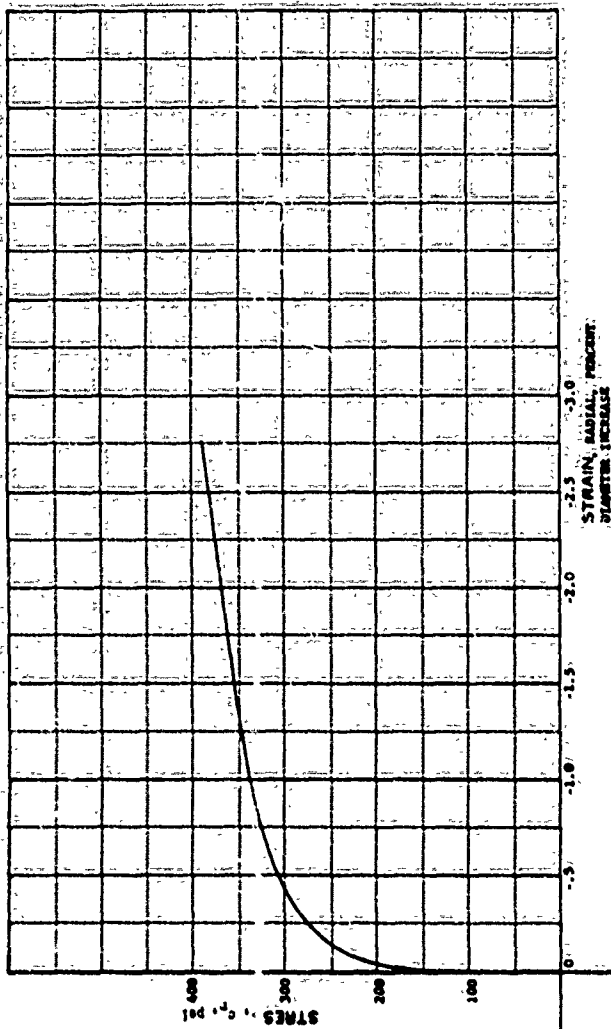
BORING NO. _____ SAMPLE NO. 312
DEPTH _____ DATE _____
ELL _____ PL 17 PI 19

DESCRIPTION: Metacaling Hill Clay
Consolidation Stress Ratio, σ'_v/σ'_c _____
Initial Pressure, 1000 psi _____

WATER CONTENT	W	11.16 %
VOID RATIO	e_0	0.63
SATURATION	S_0	48.05 %
DRY DENSITY	γ_d	100.55 PCF
WET DENSITY	γ	115.10 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.34 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE

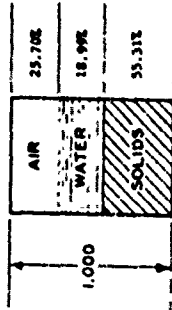


HYDROSTATIC PRESSURE, P, PSI

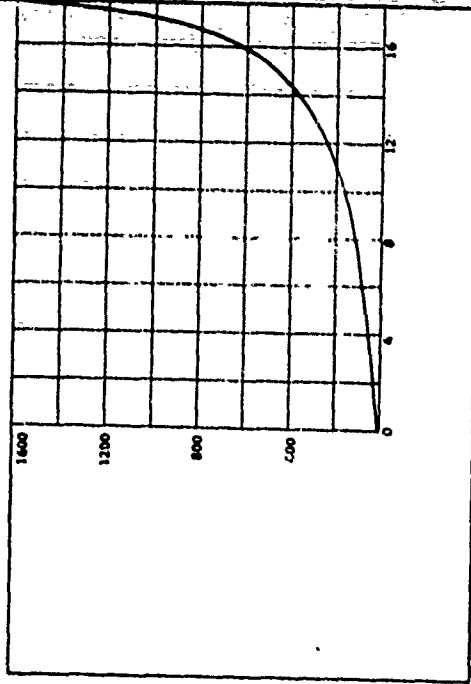
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology 3-502		
Contract No. DAC33-67-C-0051		
AREA		
BORING NO.	SAMPLE NO. 312	
DEPTH	DATE	
EL		
LL	PL	PI
34	17	19
DESCRIPTION: Washburn Mill Clay		
Constant Strain Ratio, 0.6		
Initial Pressure, 1600 psi		

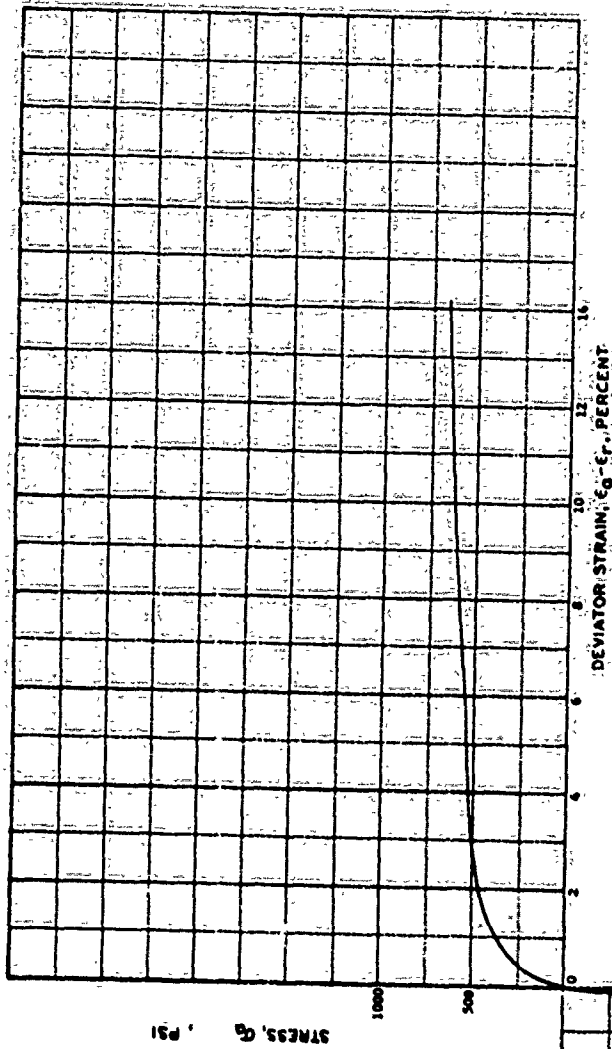
WATER CONTENT	W	12.71	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	42.48	%
DRY DENSITY	γ	93.19	PCF
WET DENSITY	γ	105.02	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

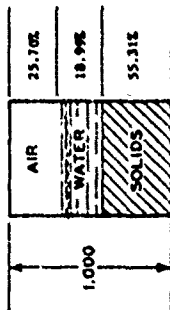


TRIAXIAL SHEAR PHASE

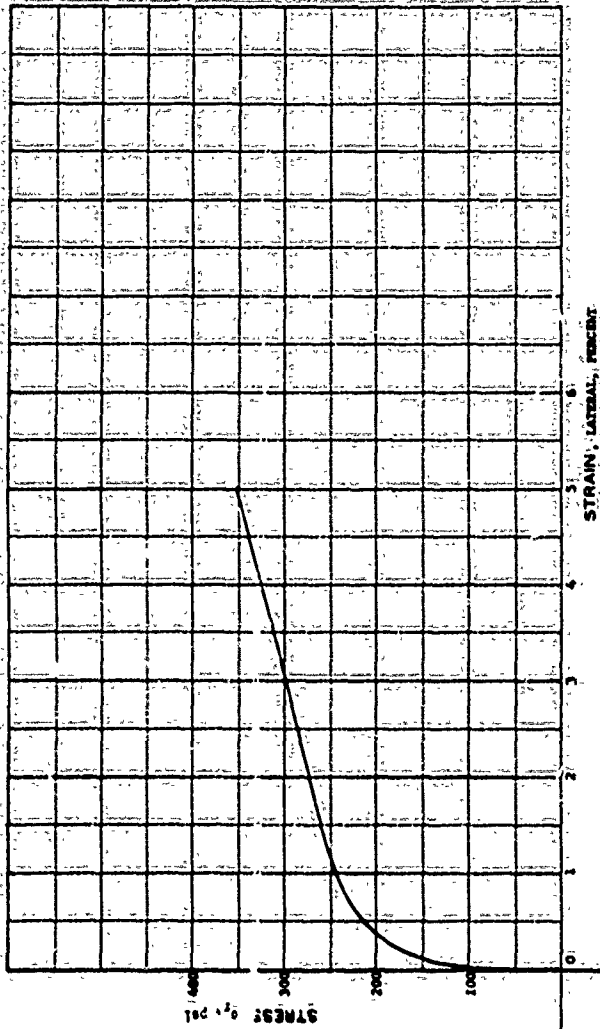
PROJECT	Georgia Institute of Technology 3-602		
AREA	Contract No. DAC39-67-C-0031		
BORING NO.	SAMPLE NO. 327		DATE
DEPTH	PL	PI	PL
EL	36	17	19
DESCRIPTION	Washing Mill Clay		
	Constant Stress Ratio, 0.6		
	Initial Pressure, 1600 psi		

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.71	%
VOID RATIO	e_v	0.81	
SATURATION	S_u	42.48	%
DRY DENSITY	γ_d	95.19	PCF
WET DENSITY	γ	105.00	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_o	3.50	CM
SPECIMEN HEIGHT	H_o	7.63	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology S-402
 Contract No. DMC339-67-C-0051

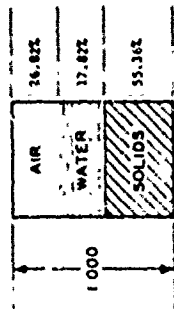
AREA

BORING NO. SAMPLE NO. 327
 DEPTH: EL DATE
 LL 36 PL 17 PI 19

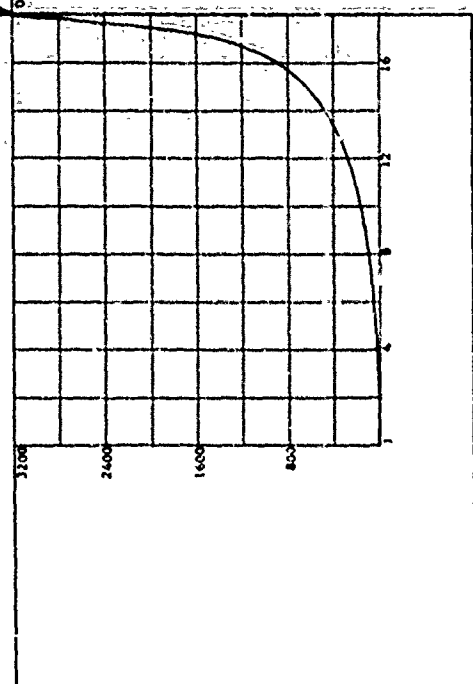
DESCRIPTION Matching Hill Clay
 Constant Stress Ratio 0.6
 Initial Pressure 1000 psi

HYDROSTATIC PRESSURE, p , PSI

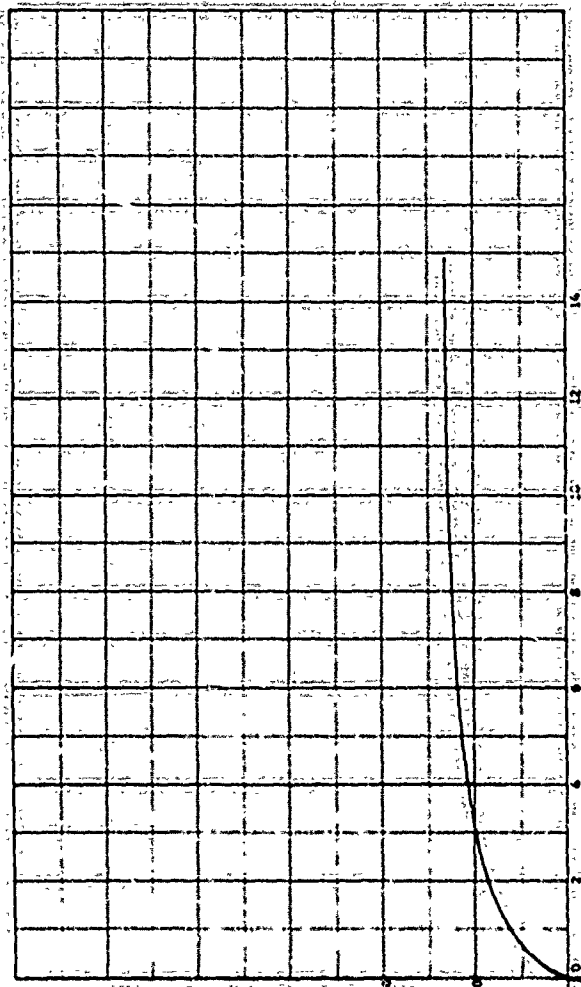
WATER CONTENT	W	11.92	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	39.93	%
DRY DENSITY	γ_d	93.27	PCF
WET DENSITY	γ	106.39	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology B-602
 Contract No. DMC39-67-C-0031

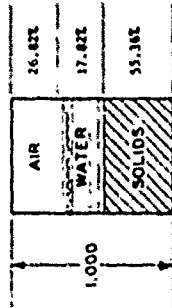
AREA: _____

BORING NO: _____ SAMPLE NO. 310
 DEPTH: _____ DATE: _____

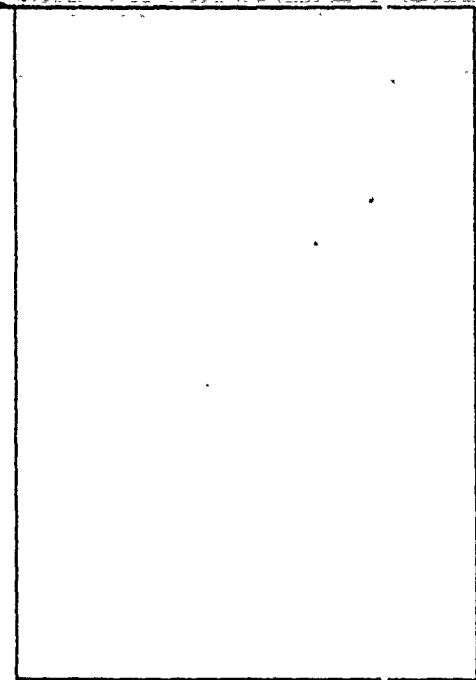
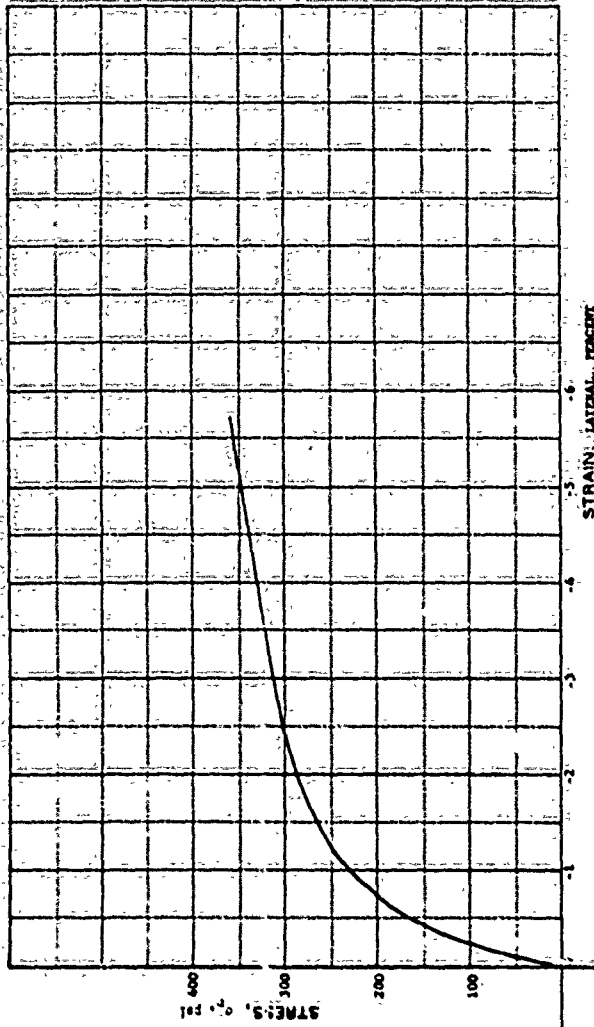
EL.: 36 PL: 17 PL: 19

DESCRIPTION: Washing Mill City
 Coefficient of Friction: 0.6
 Initial Pressure: 3100 psi

WATER CONTENT	W	11.92 %
VOID RATIO	e_0	0.81
SATURATION	S_c	39.92 %
DRY DENSITY	γ_d	93.22 PCF
WET DENSITY	γ	104.39 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.61 CM



HYDROSTATIC COMPRESSION PHASE

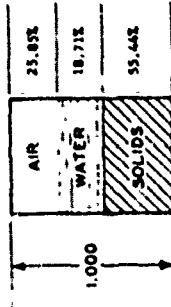


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

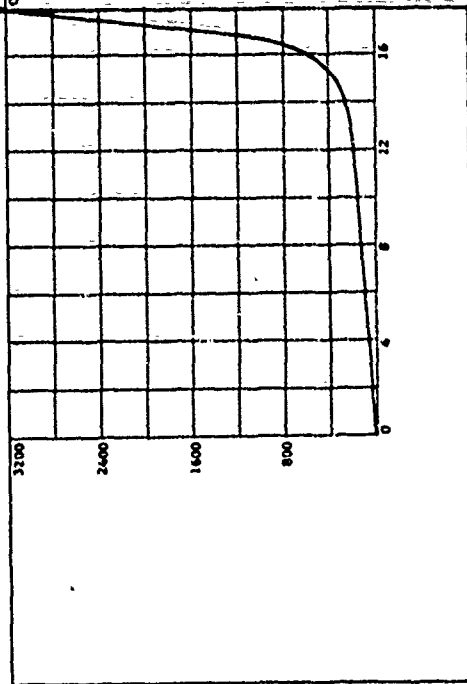
PROJECT		Georgia Institute of Technology, B-102	
AREA		Contract No. DMC32-67-C-0031	
BORING NO.	SAMPLE NO. 310	DATE	
DEPTH	DATE	PL 17	PI 19
LL 36	PL 17	PI 19	
DESCRIPTION			
Matching H111C10y			
Constant Stress Ratio: 0.6			
Initial Pressure: 3200 psi			

HYDROSTATIC PRESSURE, p, PSI

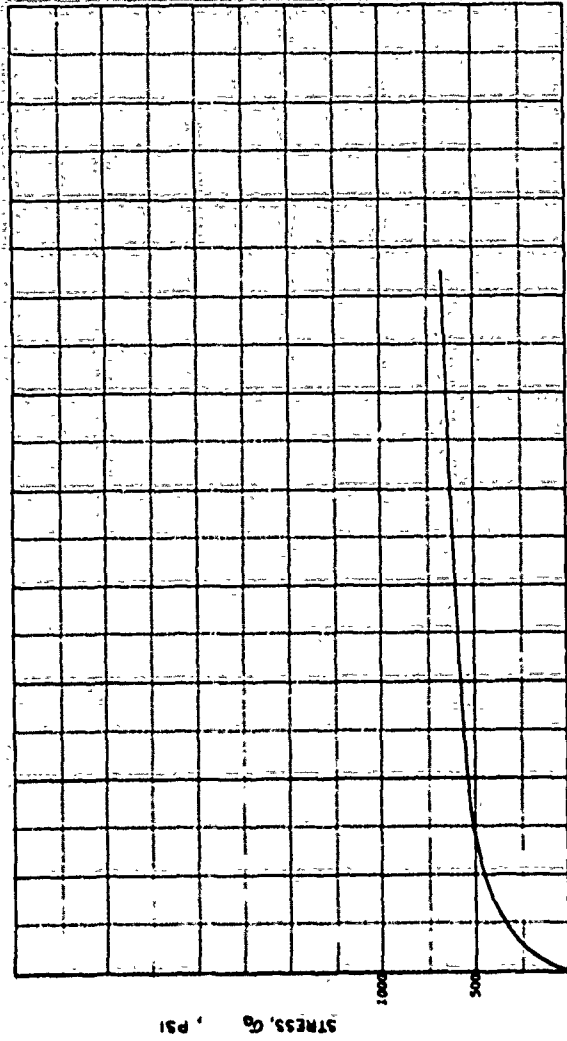
WATER CONTENT	W	12.50 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.99 %
DRY DENSITY	γ_d	93.40 PCF
WET DENSITY	γ	105.07 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

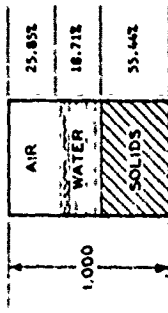


DEVIATOR STRAIN, $\epsilon_1 - \epsilon_3$, PERCENT
TRIAxIAL SHEAR PHASE

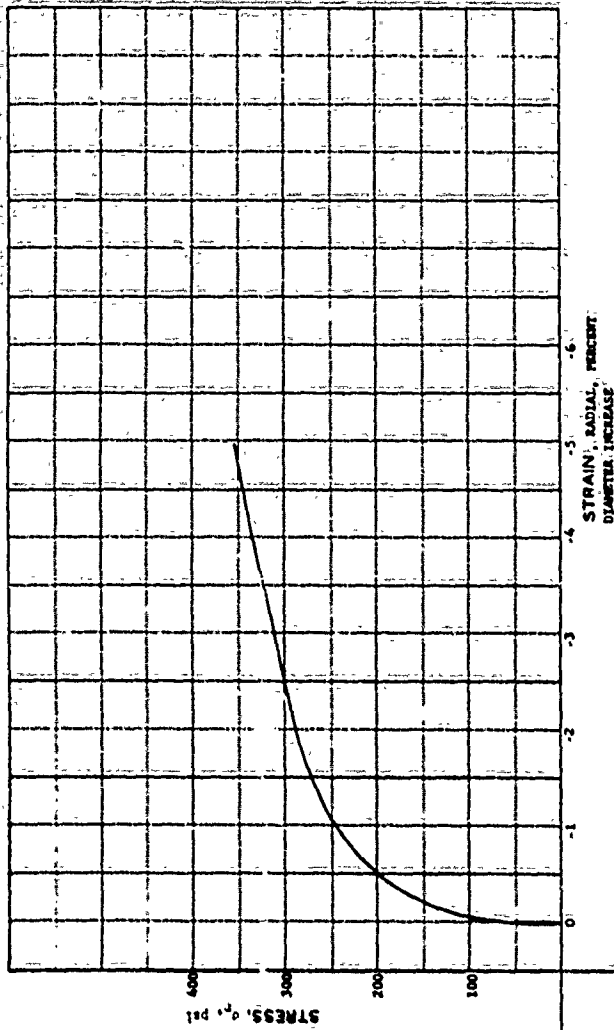
PROJECT	Georgia Institute of Technology R-602		
AREA	Contract No. DAC39-67-C-0051		
BORING NO.	SAMPLE NO. 313		DATE
DEPTH	PL 17		PI 19
EL	DESCRIPTION: <u>Washing Mill Clay</u>		
LL	Constant Stress Ratio, 0.6		
PL	Initial Pressure, 3200 psi		

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.50 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.99 %
DRY DENSITY	γ_d	93.40 PCF
WET DENSITY	γ	105.01 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.43 CM



HYDROSTATIC COMPRESSION PHASE

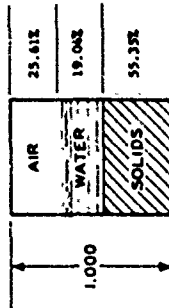


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

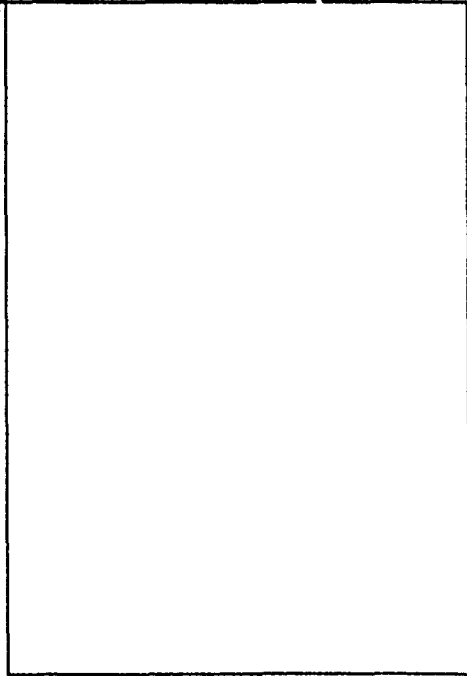
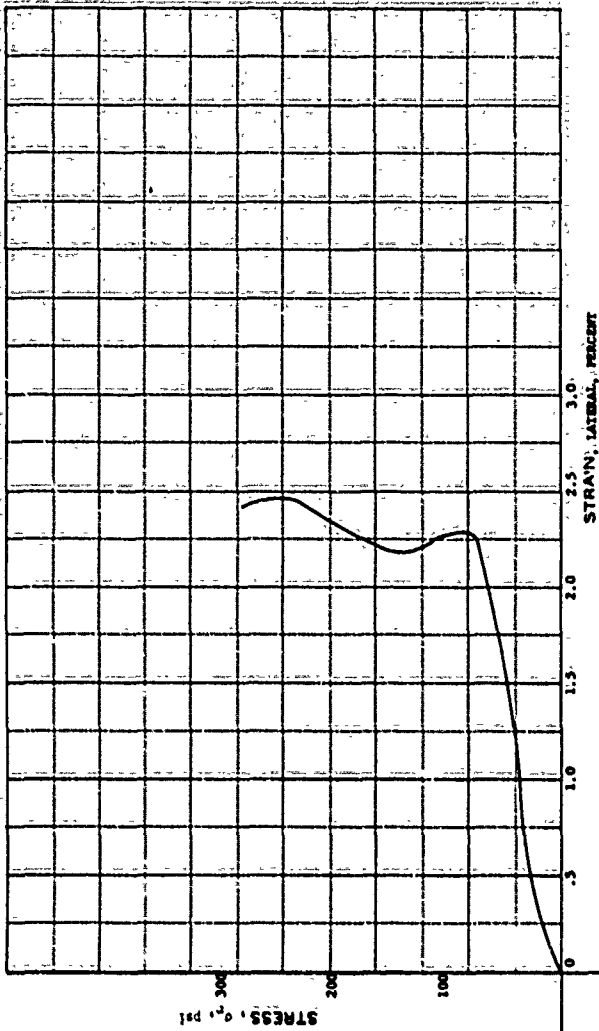
PROJECT		Georgia Institute of Technology 8-602	
		Contract No. DAC49-67-C-0051	
AREA			
BORING NO.	SAMPLE NO.	313	
DEPTH	DATE		
EL		PL	17
LL	36	PL	19
DESCRIPTION: Matching Hill Clay			
Constant Stress Ratio, 0.6			
Initial Pressure, 3200 psi			

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.76	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	42.64	%
DRY DENSITY	γ_d	99.25	PCF
WET DENSITY	γ	105.14	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.69	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

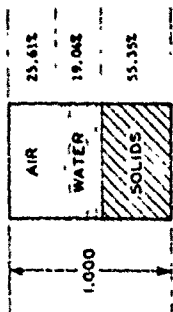


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

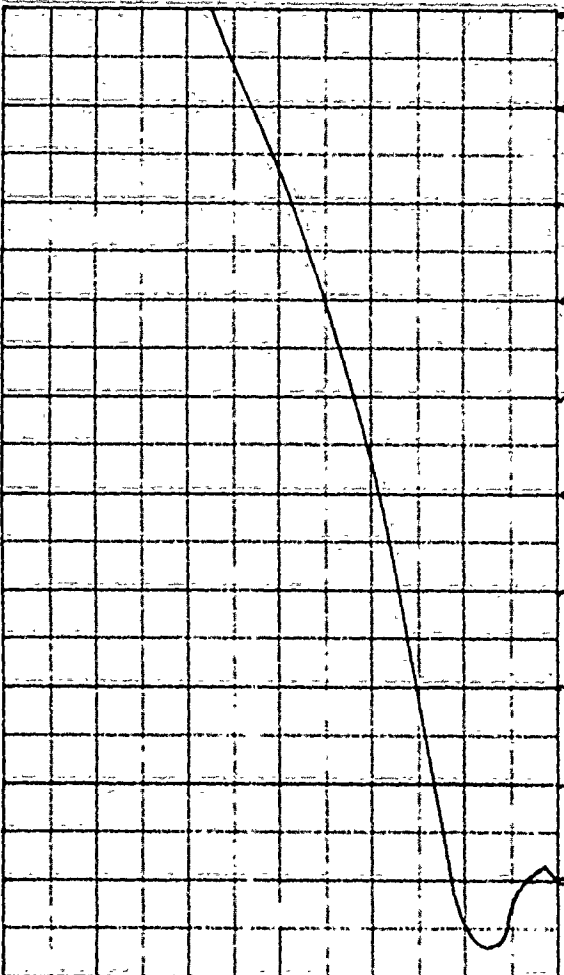
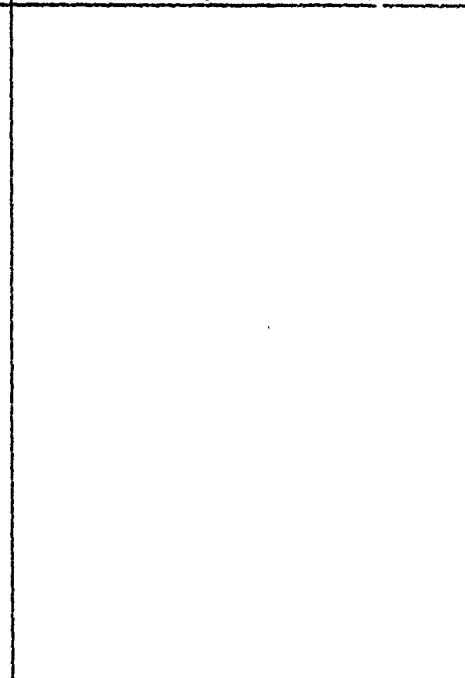
HYDROSTATIC PRESSURE, p, PSI

PROJECT: Georgia Institute of Technology, B-602	
Contract No. DACW39-67-C-0051	
AREA:	
BORING NO.	SAMPLE NO. 342
DEPTH	DATE
EL.	
LL 36	PL 17
	PI 19
DESCRIPTION: Marching Hill Clay	
Constant Stress Ratio, 0.9	
Initial Pressure, 0.1 psi	

WATER CONTENT	W	12.74	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	62.64	%
DRY DENSITY	γ	91.25	PCF
WET DENSITY	γ	105.14	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

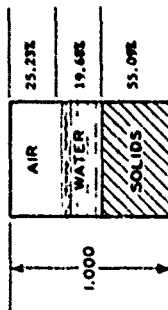
HYDROSTATIC PRESSURE, P, PSI

PROJECT: Georgia Institute of Technology 8-602
 Contract No. DM239-67-C-0031

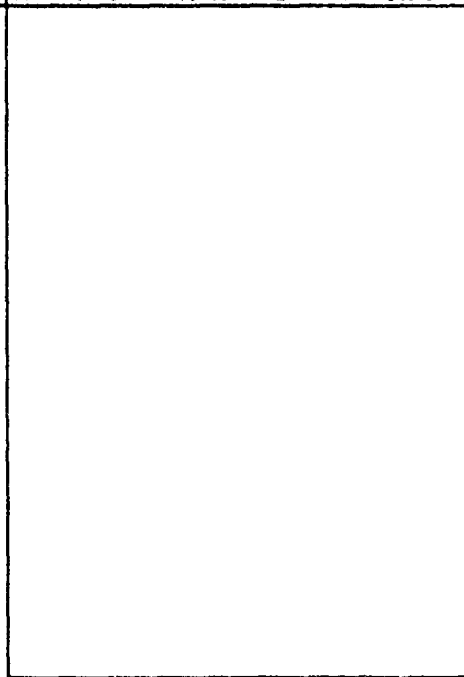
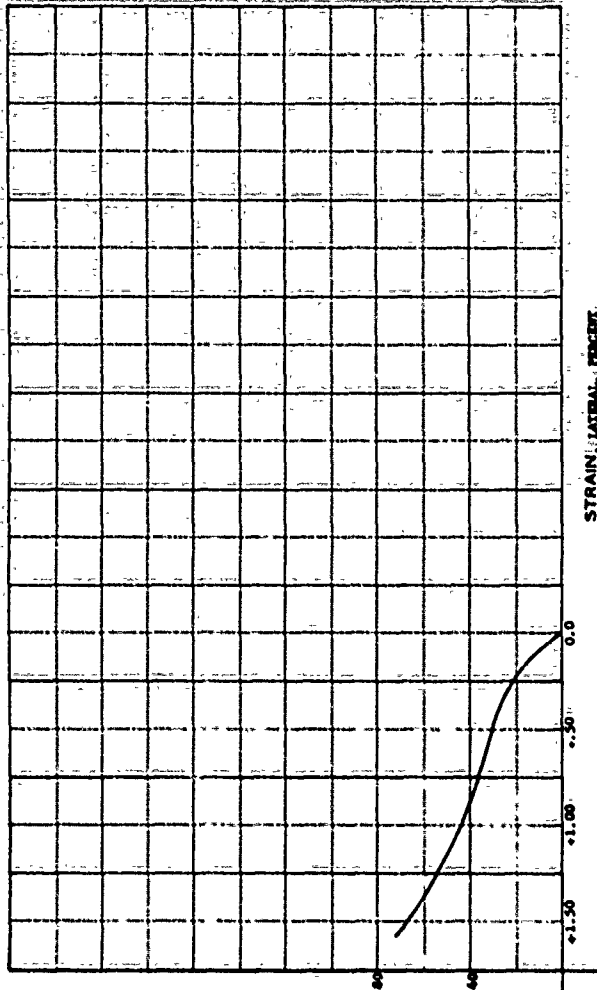
AREA: _____ SAMPLE NO: 342
 BORING NO. _____ DATE: _____
 DEPTH: _____ PL: 17 PI: 19
 LL: 36

DESCRIPTION: Washing Hill Clay
 Constant Stress Ratio, 0.8
 Initial Pressure, 0 psi

WATER CONTENT	W	13.24	%
VOID RATIO	e_0	0.82	
SATURATION	S	43.83	%
DRY DENSITY	γ_d	92.81	PCF
WET DENSITY	γ	105.09	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.43	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology E-605
 Contract No. DMC339-87-C-0051

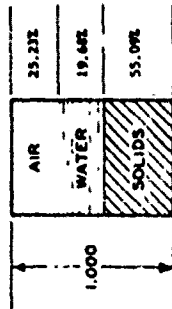
AREA

BORING NO. SAMPLE NO. 343
 DEPTH EL. DATE
 LL 36 PL 17 PI 19

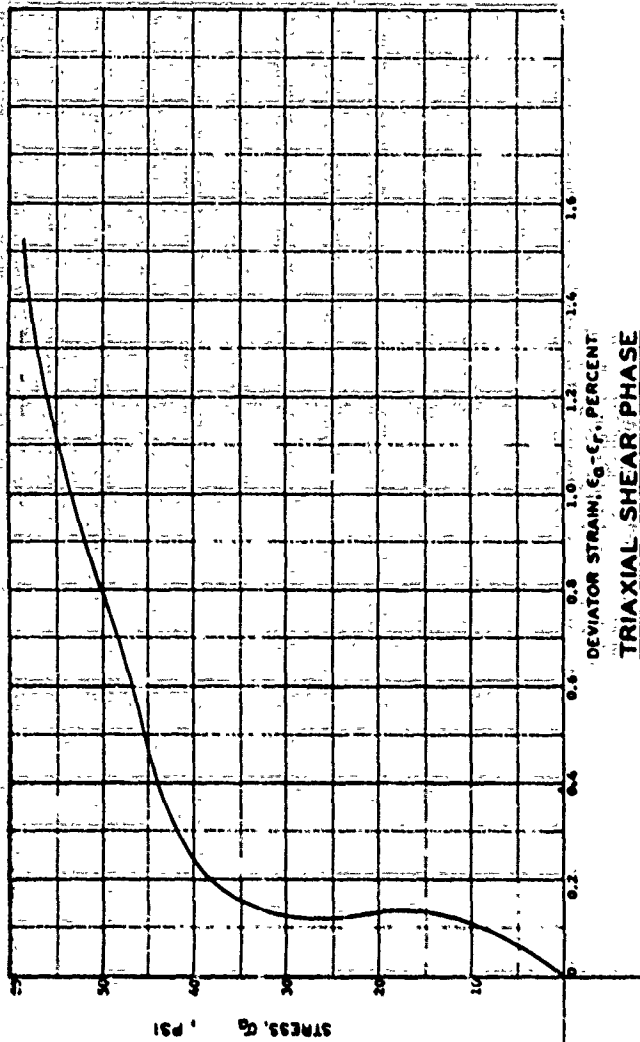
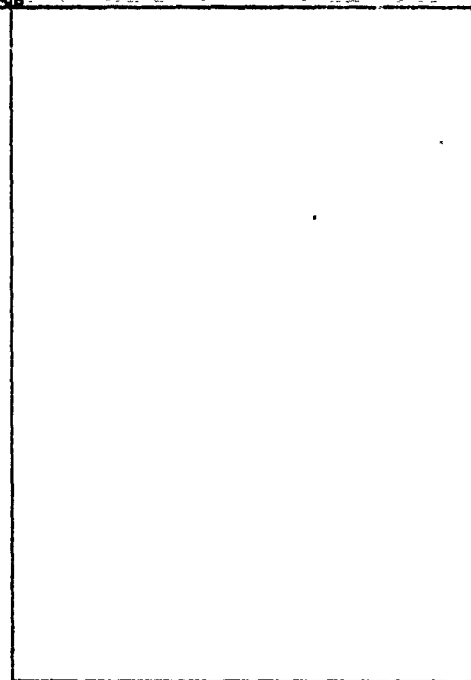
DESCRIPTION: Macching Hill Clay
 Constant Stress Ratio, 0.8
 Initial Pressure, 0.1 psi

HYDROSTATIC PRESSURE, P, PSI

WATER CONTENT	W	13.24	%
VOID RATIO	e_0	0.82	
SATURATION	S_0	43.83	%
DRY DENSITY	γ	92.81	PCF
WET DENSITY	γ	105.09	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology B-602
 Contract No. (MCA)39-57-C-0021

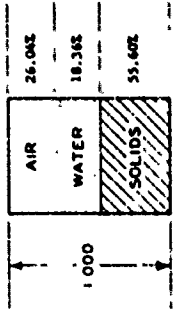
AREA: _____

BORING NO.: _____ SAMPLE NO.: 343
 DEPTH: _____ DATE: _____
 LL: 36 PL: 17 PI: 19

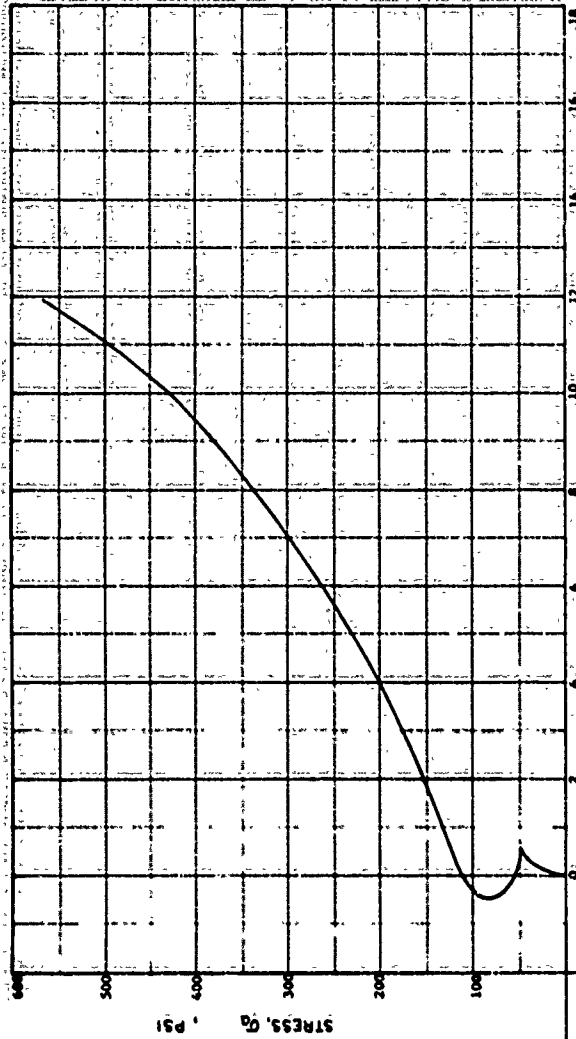
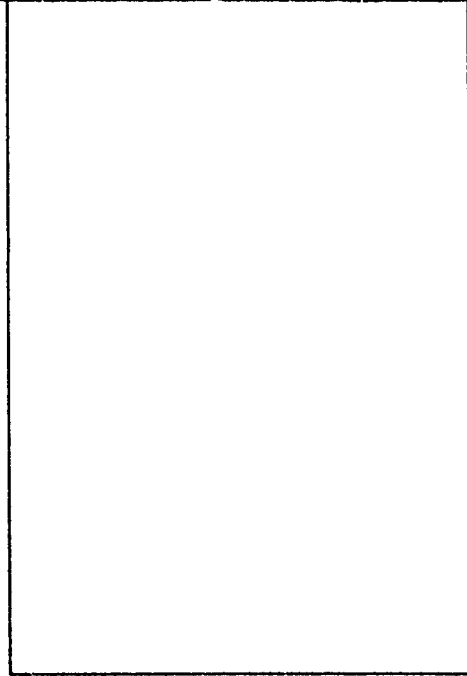
DESCRIPTION: Wetting Hill Clay
 Constant Strain Ratio, $O.B.$
 Initial Pressure, 0 psi

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.23	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.26	%
DRY DENSITY	γ	93.68	PCF
WET DENSITY	γ	105.16	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology J-602
 Contract No. DMC33-67-C-0031

AREA: _____

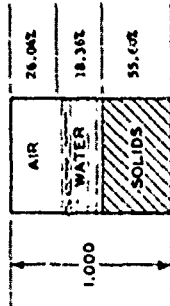
BORING NO: _____ SAMPLE NO: 345
 DEPTH: _____ DATE: _____
 EL: _____ PL: 36 PL: 17 PL: 19

DESCRIPTION: Washing Hill Clay
 Constant Stress Ratio: 0.3
 Initial Pressure: 0 psi

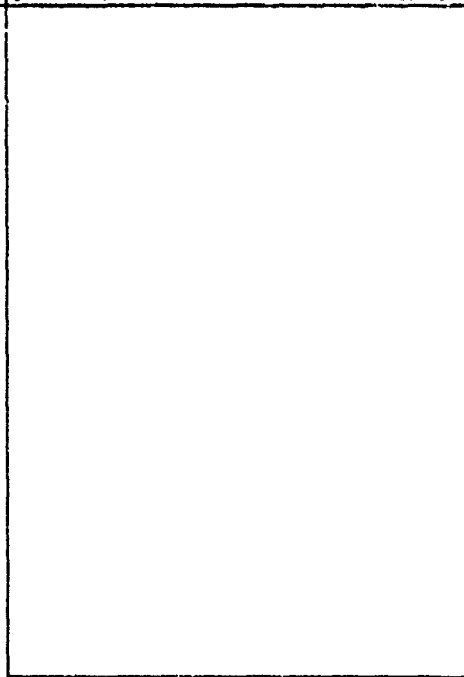
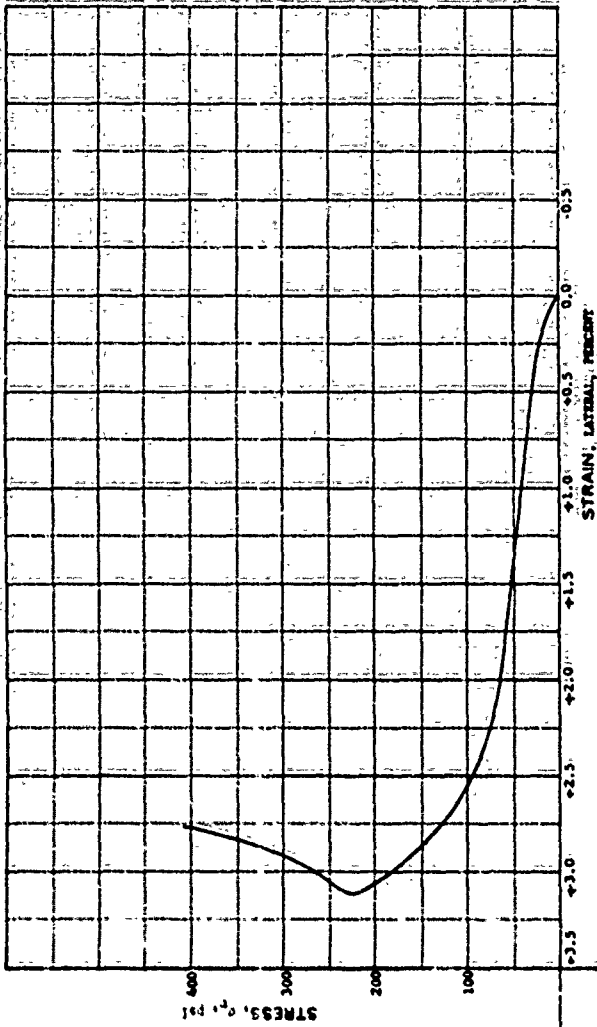
HYDROSTATIC PRESSURE, p , PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.23	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.34	%
DRY DENSITY	γ_d	93.98	PCF
WET DENSITY	γ	105.14	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

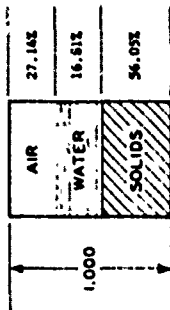


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

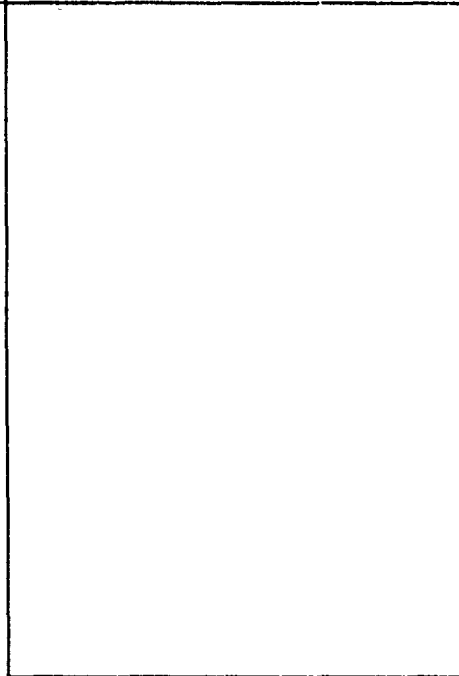
HYDROSTATIC PRESSURE, P, PSI

PROJECT: Coastal Institute of Technology B-602	
Contract No. DCA39-67-C-0051	
AREA:	
BORING NO.	SAMPLE NO. 345
DEPTH	DATE
EL	
LL 36	PL 37
	PI 19
DESCRIPTION: Seaching Mill Clay	
Constant Stress Ratio, 0.8	
Initial Pressure, 0 psi	

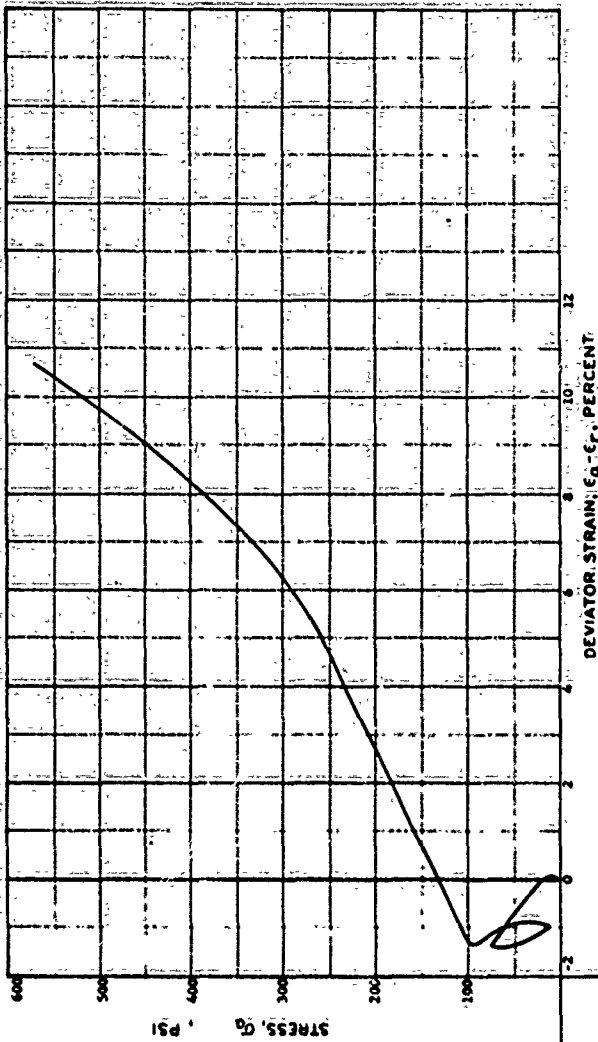
WATER CONTENT	W	11.11 %
VOID RATIO	e_0	0.78
SATURATION	S_0	38.25 %
DRY DENSITY	γ_s	96.43 PCF
WET DENSITY	γ	104.92 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.43 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, ΔV/% . PERCENT



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology
 Contract No. DCA39-67-C-0031

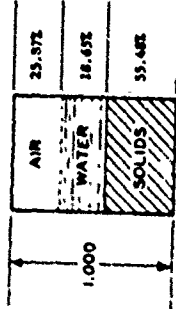
AREA: _____

BORING NO: _____ SAMPLE NO: 349
 DEPTH: _____ DATE: _____
 EL: _____ PL: 17 PI: 19

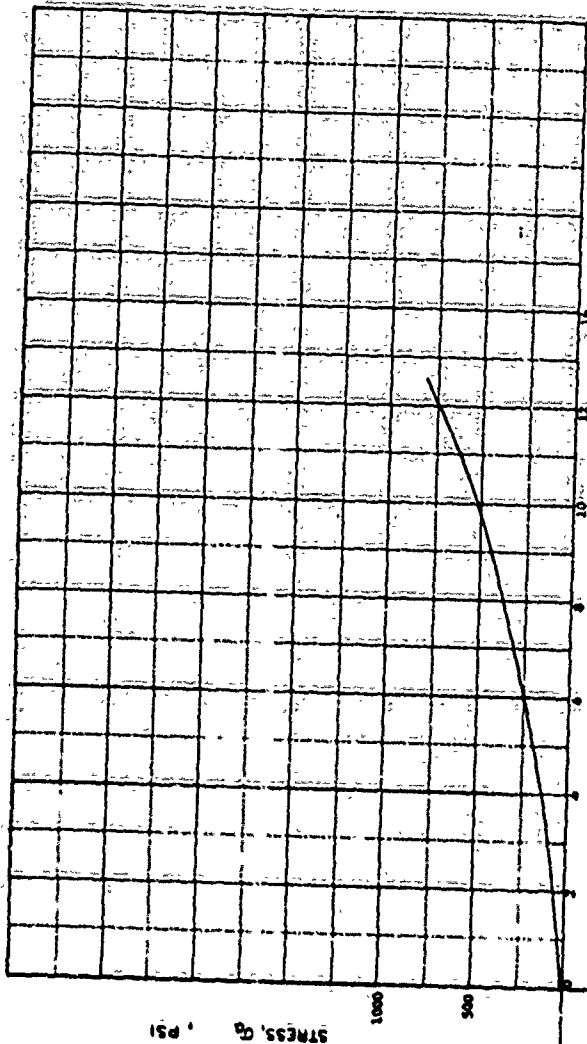
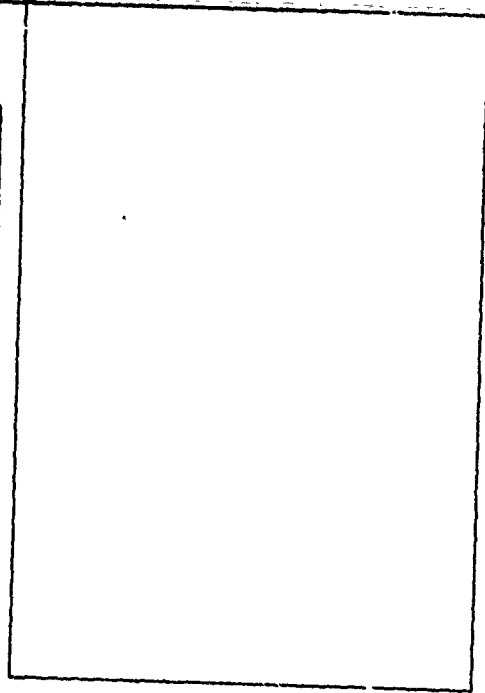
DESCRIPTION: Matching Hill, Clay
 Contact Stress Ratio, 0.8; Initial Pressure, 0.1 psi
 Cycle Shear, 0.33

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.45	%
VOID RATIO	e	0.80	
SATURATION	S _v	41.88	%
DRY DENSITY	γ _d	93.67	PCF
WET DENSITY	γ	105.11	PCF
SPECIFIC GRAVITY	G _s	2.70	
SPECIMEN DIAMETER	D ₀	3.49	CM
SPECIMEN HEIGHT	H ₀	7.61	CM



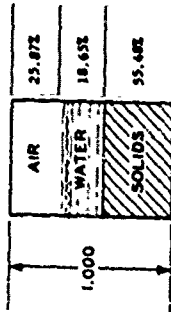
HYDROSTATIC COMPRESSION PHASE



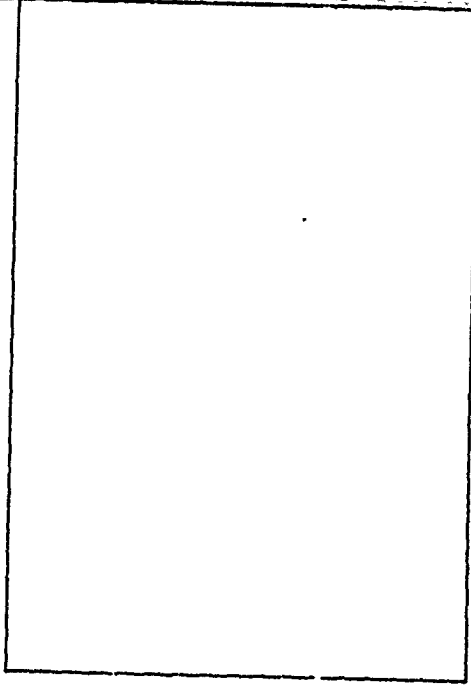
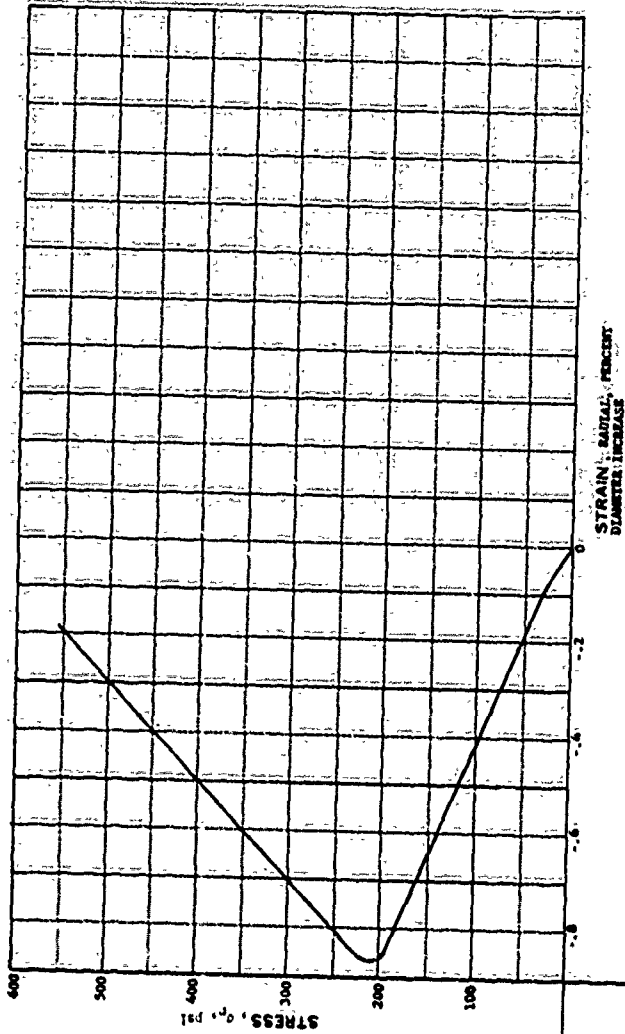
DEVIATOR STRAIN, εₓ - εᵣ, PERCENT
TRIAxIAL SHEAR PHASE

PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No. DMC39-57-C-0051		
BORING NO.	SAMPLE NO. 28D		DATE
DEPTH	PL	PL	PL
EL	36	37	19
DESCRIPTION	Weathering Ill. Clay		
	Constant Stress Ratio, 0.8		
	Initial Pressure, 1071 psi		

WATER CONTENT	W	12.45	%
VOID RATIO	e_v	0.80	
SATURATION	S_w	41.88	%
DRY DENSITY	γ_d	93.47	PCF
WET DENSITY	γ	105.11	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE

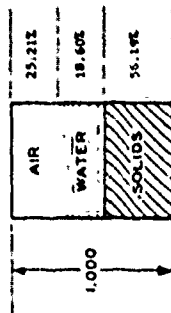


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

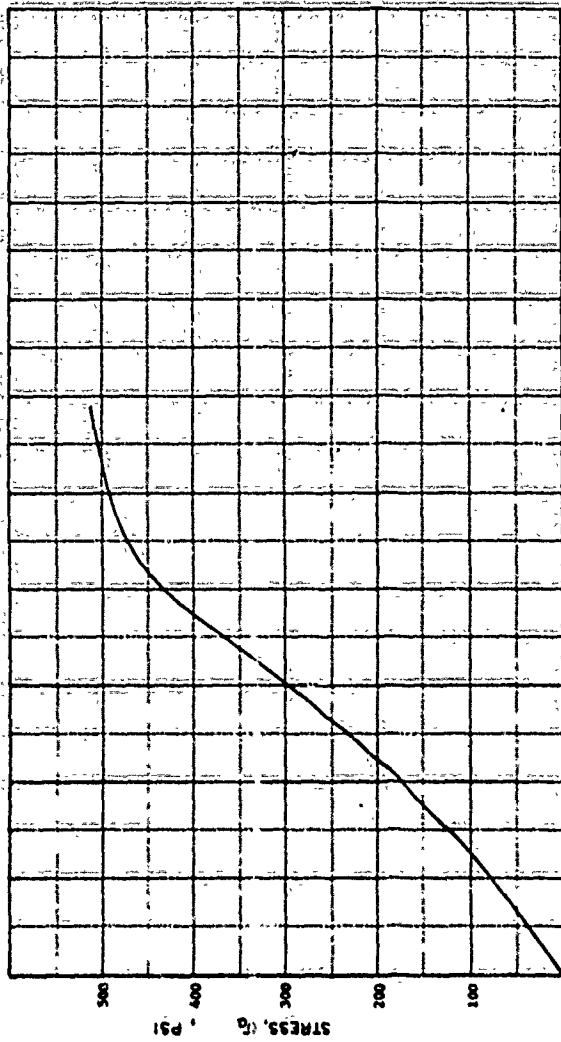
HYDROSTATIC PRESSURE, p , PSI

PROJECT	Georgia Institute of Technology B-602		
AREA	Contract No. DMC33-67-C-0031		
BORING NO.	SAMPLE NO. 293		DATE
DEPTH	PL 36		PL 19
EL.	DESCRIPTION: Machine Ball Clay		
LL	Constant Stress Ratio: 0.6		
PL	Initial Pressure: 100 psi		

WATER CONTENT	W	12.26	%
VOID RATIO	e_0	0.78	
SATURATION	S_0	42.46	%
DRY DENSITY	γ_d	14.67	PCF
WET DENSITY	γ	106.28	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



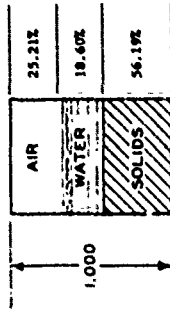
TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology B-602	
Content No. DAC439-67-C-0031	
AREA:	
BORING NO.:	SAMPLE NO. 298
DEPTH EL.	DATE
LL 36	PL 17
	PI 19
DESCRIPTION: Machine Mill Clay	
Constant Stress Ratio, 0.81	
Initial Pressure, 100 psi	

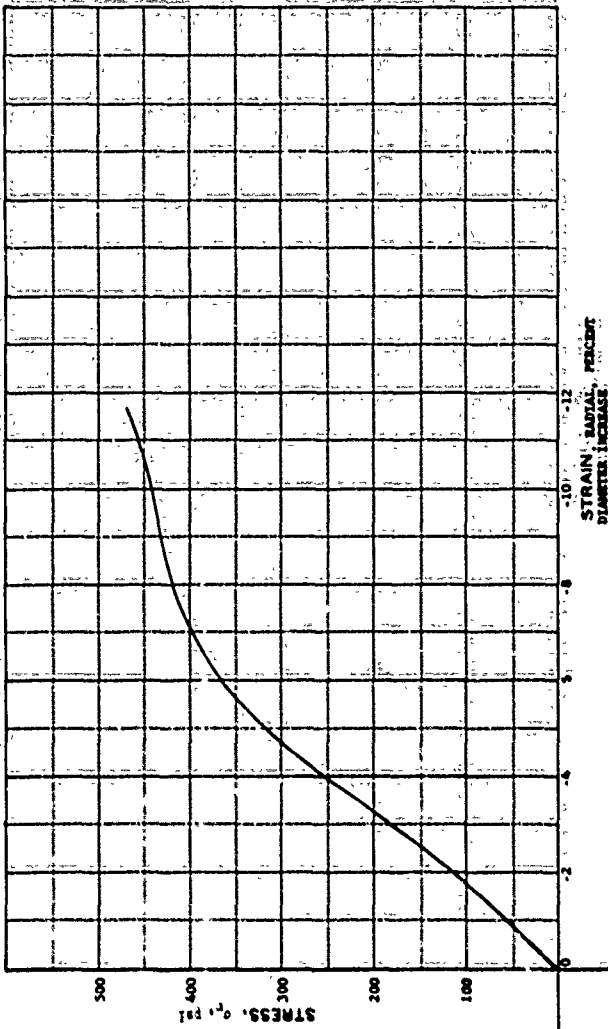
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.26	%
VOID RATIO	e_v	0.78	
SATURATION	S_w	62.45	%
DRY DENSITY	γ_d	96.67	PCF
WET DENSITY	γ	106.28	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	M_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



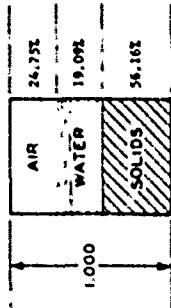
HYDROSTATIC PRESSURE, p, PSI

317

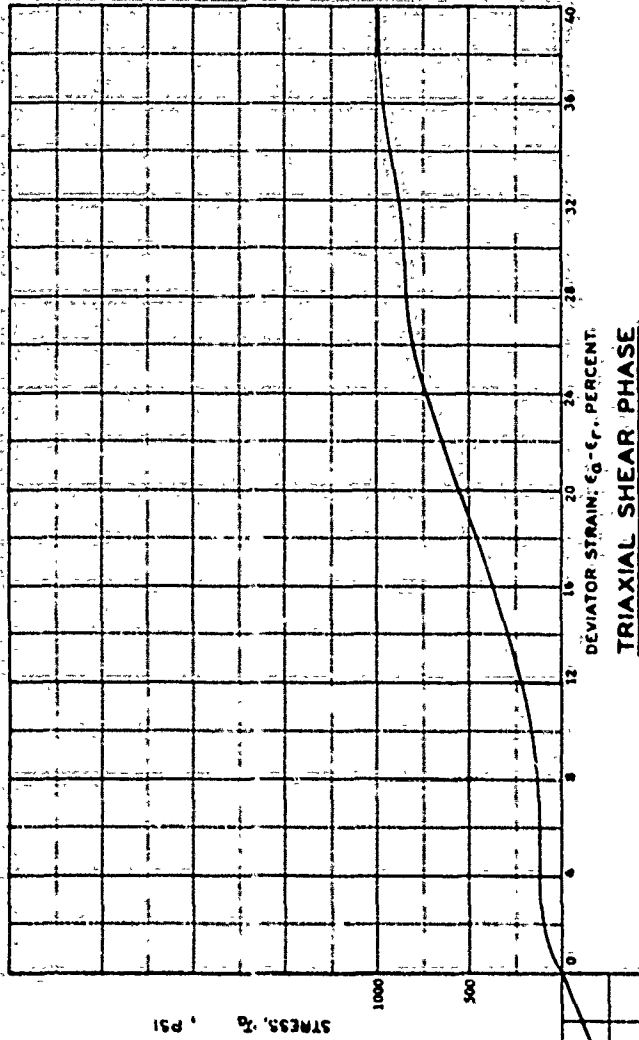
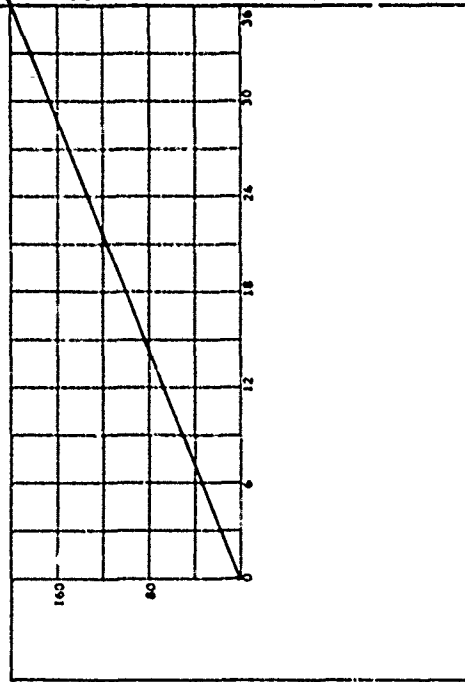
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology B-602	
Contract No. DAC33-67-C-0031	
AREA	
BORING NO.	SAMPLE NO: 200
DEPTH, EL.	DATE
LL 36	PL 17
	PI 19
DESCRIPTION: Matching Hill Clay	
Constant Stress Ratio, 0.8	
Initial Pressure, 100 psi	

WATER CONTENT	W	12.59	%
VOID RATIO	e_0	0.78	
SATURATION	S_r	43.54	%
DRY DENSITY	γ_d	94.63	PCF
WET DENSITY	γ	106.54	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



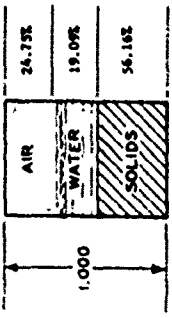
PROJECT: Georgia Institute of Technology
Contract No. DAC39-67-C-0051

AREA: _____

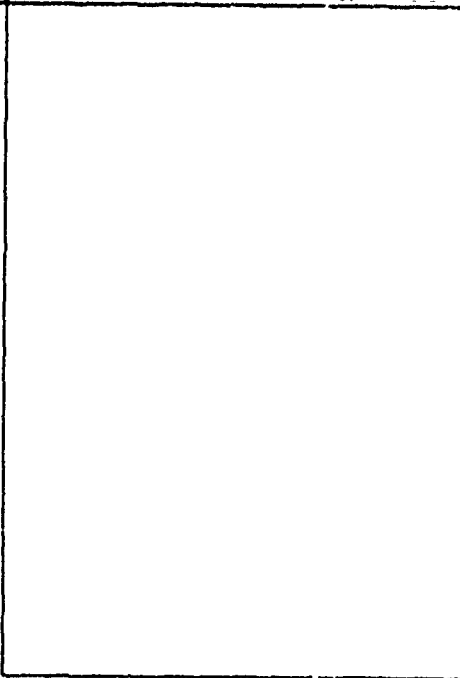
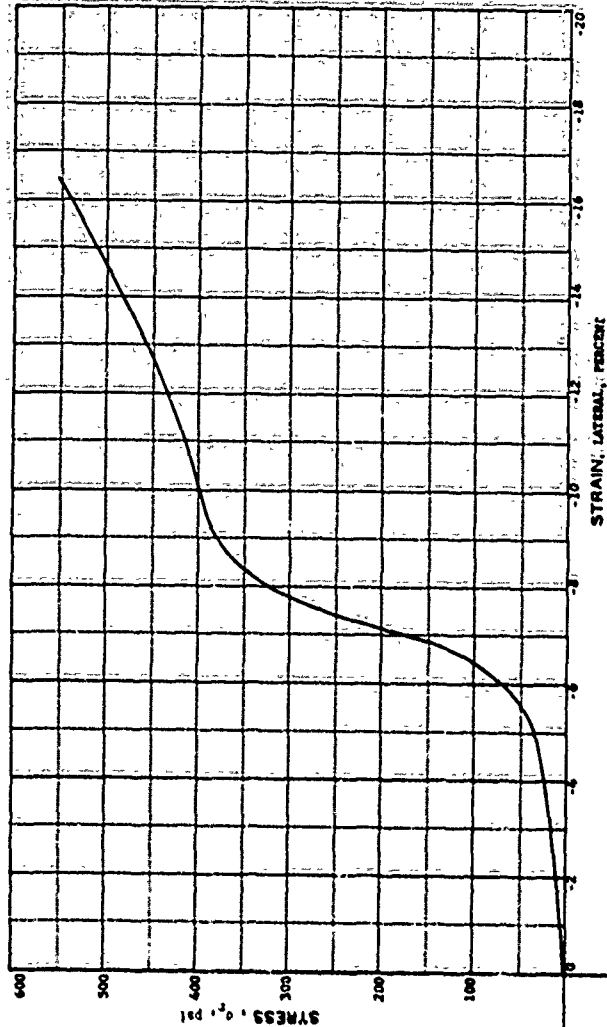
BORING NO: _____ SAMPLE NO: 283
DEPTH: _____ DATE: _____
EL: _____ PL: 17 PL: 19

DESCRIPTION: Washers Hill Clay
Constant Stress Ratio, 0.8; Initial Pressure, 200 psf

WATER CONTENT	W	12.59	%
VOID RATIO	e_v	0.78	
SATURATION	S_w	43.34	%
DRY DENSITY	γ_d	94.63	PCF
WET DENSITY	γ	106.34	PCF
SPECIFIC GRAVITY	G_s	2.70	
MINIMUM DIAMETER	D_0	3.47	CM
SPECIMEN HEIGHT	H_0	7.63	CM



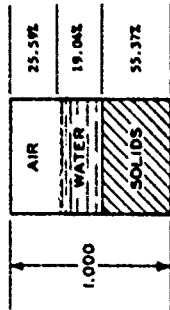
HYDROSTATIC COMPRESSION PHASE



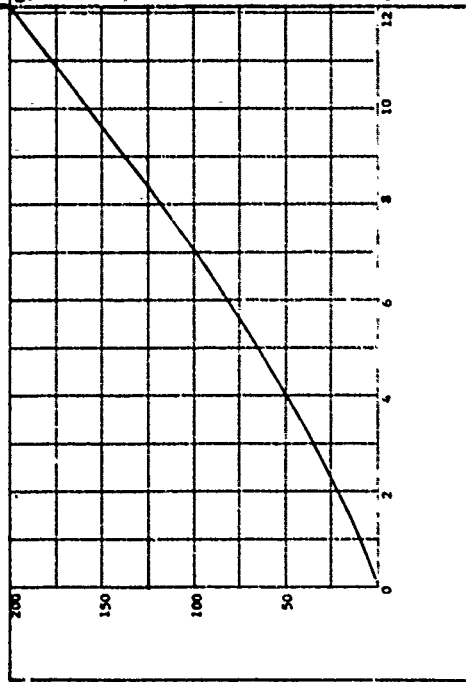
HYDROSTATIC PRESSURE, p, PSI

PROJECT: Georgia Institute of Technology	
Contract No.: DMC39-47-C-0051	
AREA	
BORING NO.	SAMPLE NO.: 210
DEPTH:	DATE
EL	PL 36 PL 17 PI 19
DESCRIPTION: Matching Hill Clay	
Constant Stress Ratio, σ_3/σ_1 : Initial Pressure, 200 PSI	

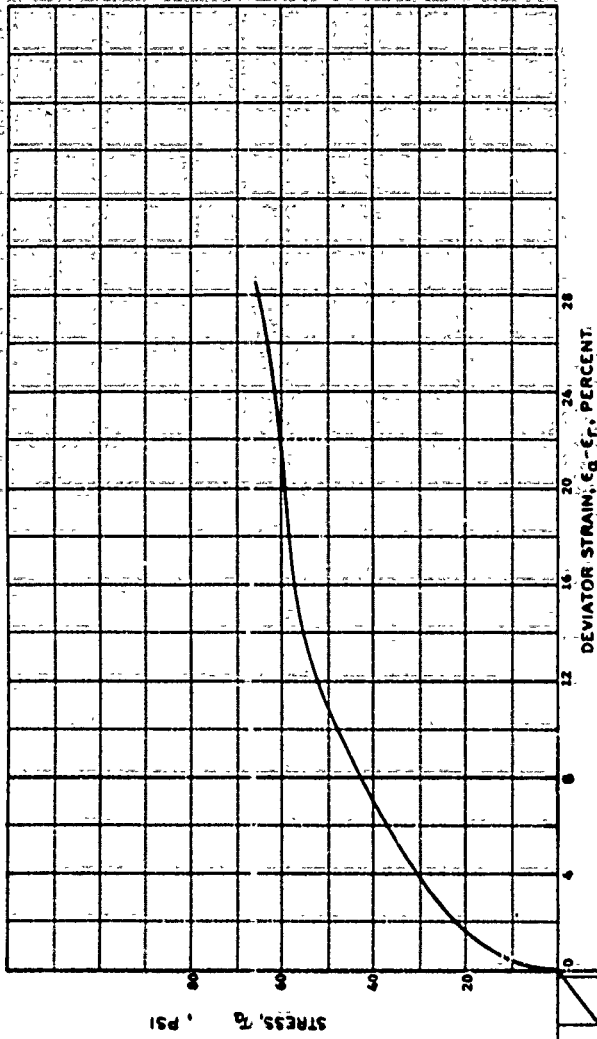
WATER CONTENT	W	12.73 %
VOID RATIO	e_0	0.81
SATURATION	S_0	42.67 %
DRY DENSITY	γ_d	90.30 PCF
WET DENSITY	γ	105.18 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.63 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

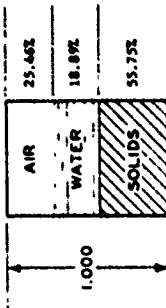


TRIAxIAL SHEAR PHASE

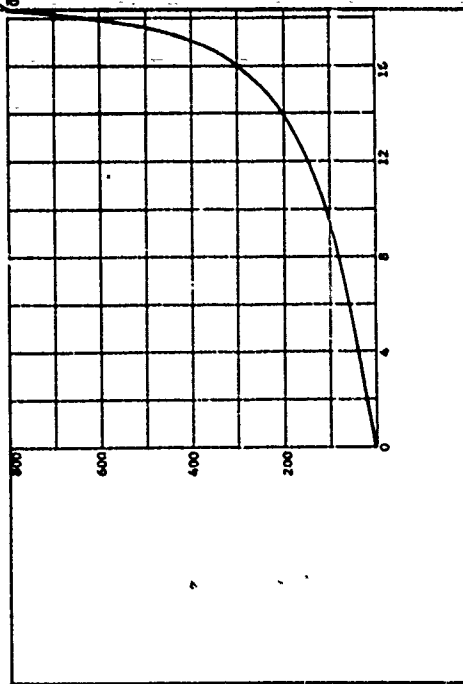
HYDROSTATIC PRESSURE, p, PSI

PROJECT: Georgia Institute of Technology E-602			
Contract No. DAC39-67-C-0031			
AREA		SAMPLE NO. 292	
BORING NO.		DATE	
DEPTH		PL. 17	
CU		PL. 19	
DESCRIPTION: Machine Hill Clay			
Constant Stress Ratio, 0.8			
Initial Pressure, 200 psi			

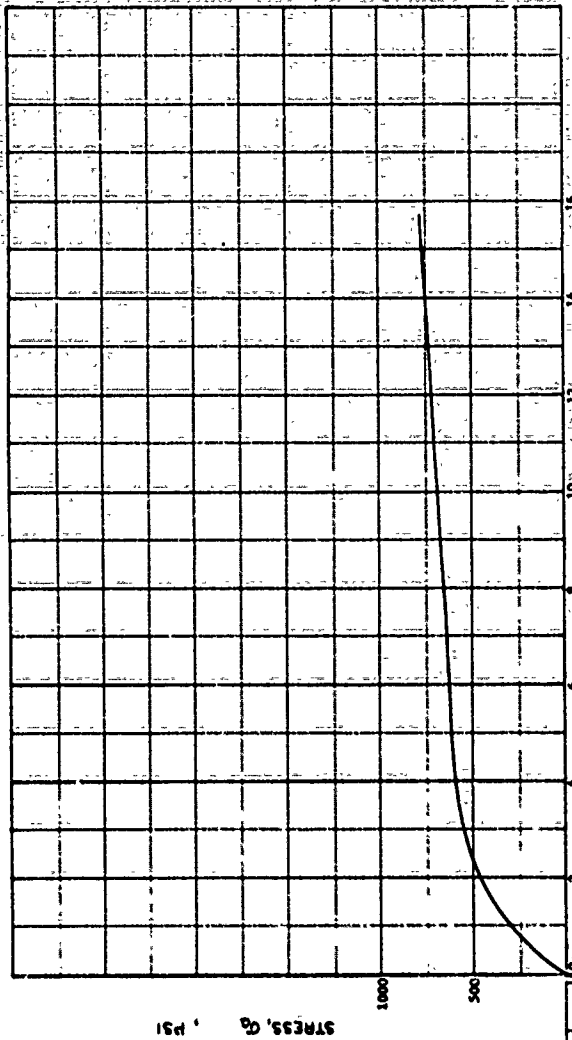
WATER CONTENT	W	12.55	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.69	%
DRY DENSITY	γ_d	93.92	PCF
WET DENSITY	γ	105.71	PCF
SPECIFIC GRAVITY	G_s	2.70	
TEST CELL DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, A_V/V_0 , PERCENT



TRIAxIAL SHEAR PHASE

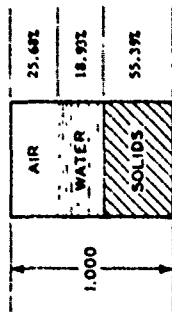
PROJECT: Georgia Institute of Technology B-902
 Contract No. DMCAS-87-C-0051

AREA: _____

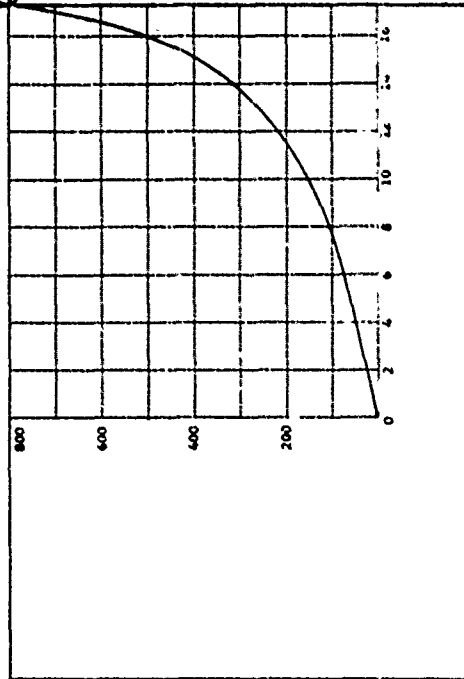
BORING NO.: _____ SAMPLE NO: 317
 DEPTH: _____ DATE: _____
 EL: _____ PL: 17 PI: 19

DESCRIPTION: Matching Hill Clay
 Constant Stress Ratio, 0.8
 Initial Pressure, 800 psi

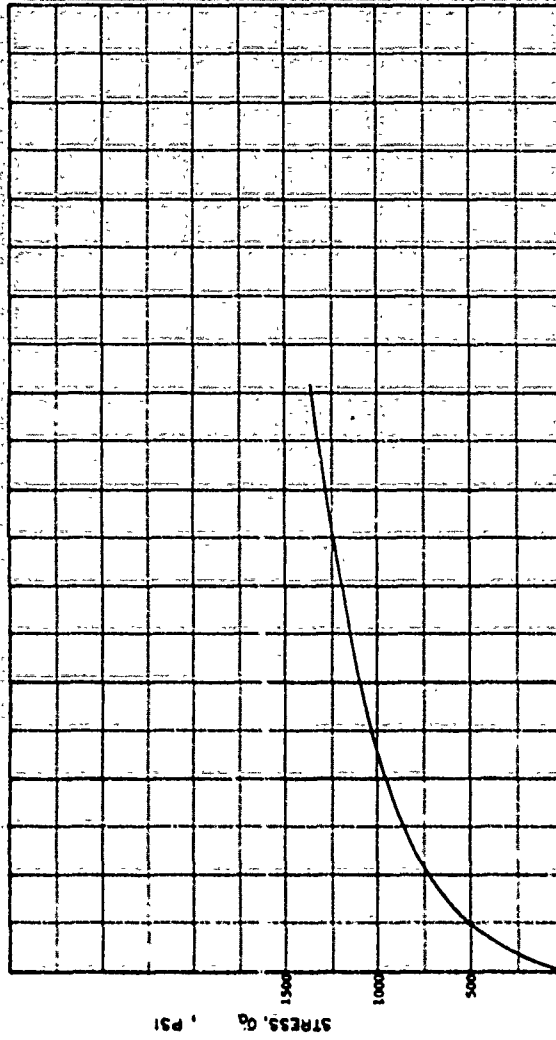
WATER CONTENT	W	12.66 %
VOID RATIO	e_0	0.81
SATURATION	S_0	42.44 %
DRY DENSITY	γ_d	93.32 PCF
WET DENSITY	γ	105.13 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

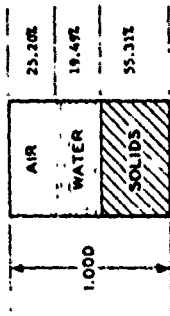


TRIAxIAL SHEAR PHASE

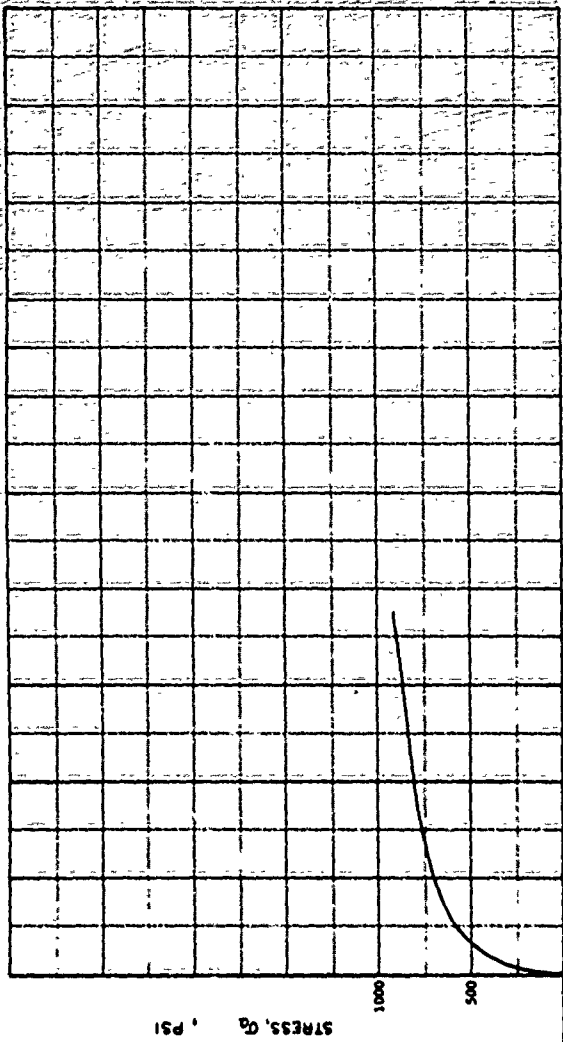
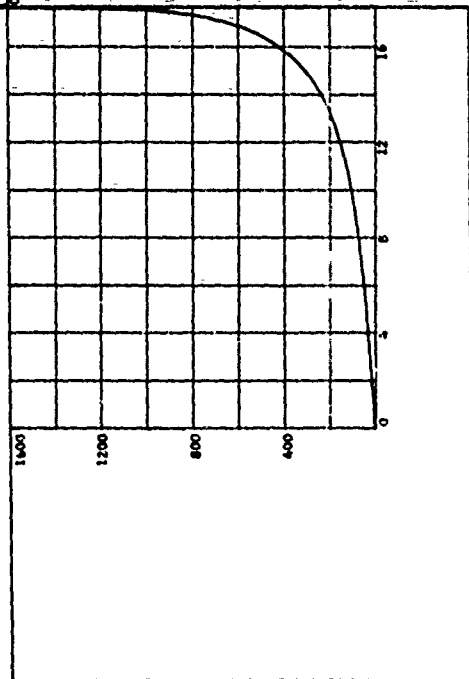
PROJECT: Georgia Institute of Technology B-602		
Contract No.: DMC39-67-C-0051		
AREA:		
BORING NO.:	SAMPLE NO.: 330	
DEPTH:	DATE:	
EL:		
LL 36	PL 17	PI 19
DESCRIPTION: Matching Hill Clay		
Constant Stress Ratio, 0.8		
Initial Pressure, 800 psi		

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	13.05	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	63.62	%
DRY DENSITY	γ	93.19	PCF
WET DENSITY	γ	105.35	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM

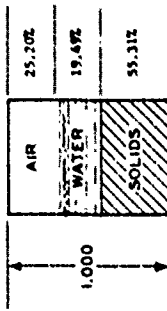


HYDROSTATIC COMPRESSION PHASE

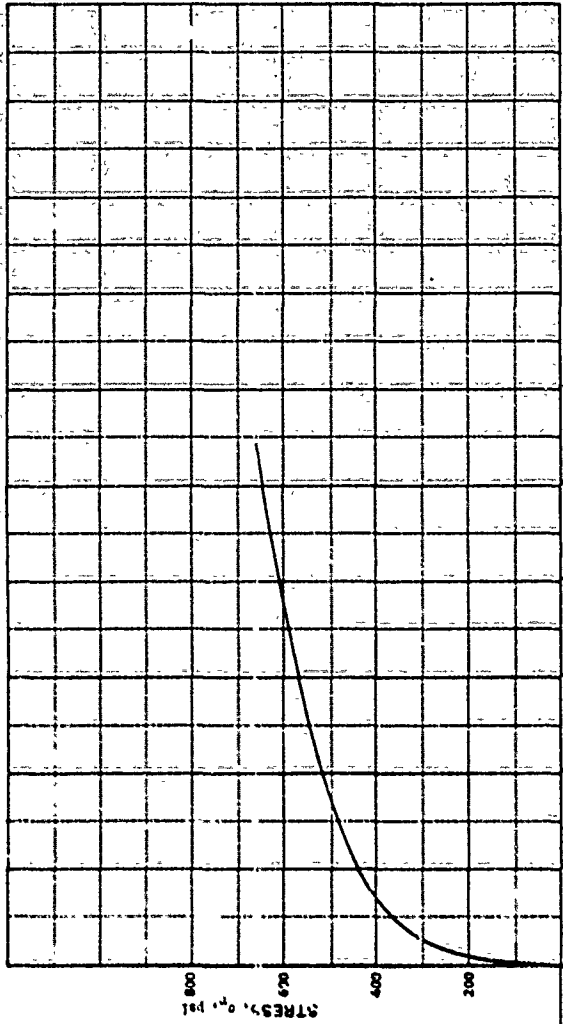


PROJECT	Georgia Institute of Technology 8-602		
AREA	Contract No. DADA39-67-C-0051		
BORING NO.	SAMPLE NO. 316		DATE
DEPTH			
LL	36	PL	37
			PI
			19
DESCRIPTION	Matching Mt. Clay		
	Constant Stress Ratio, 0.8		
	Initial Pressure, 1600 psi		

WATER CONTENT	W	13.05	%
VOID RATIO	e_0	0.81	
SATURATION	S_p	63.62	%
DRY DENSITY	γ_d	93.19	PCF
WET DENSITY	γ	105.35	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



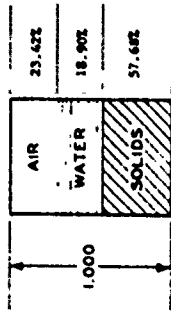
324

HYDROSTATIC PRESSURE, p, PSI

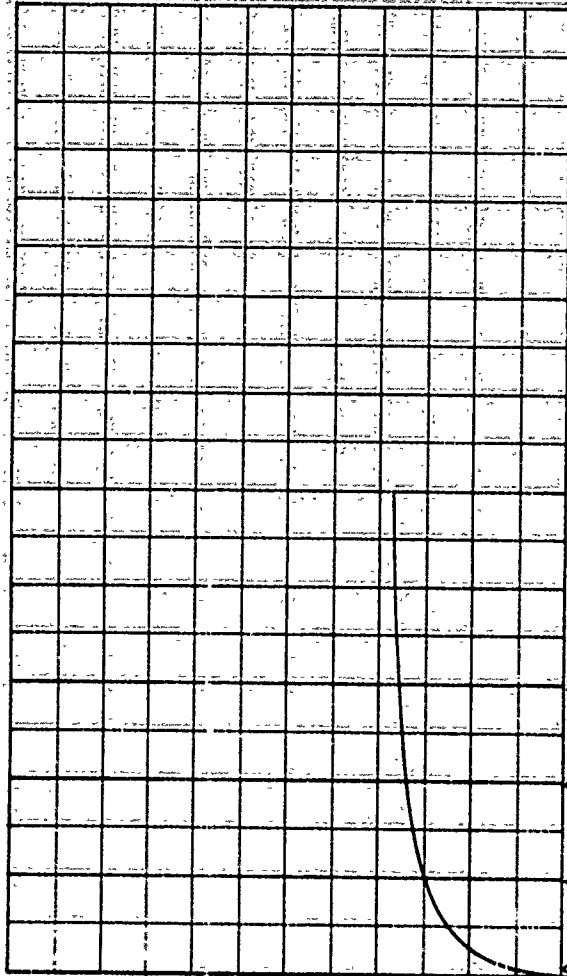
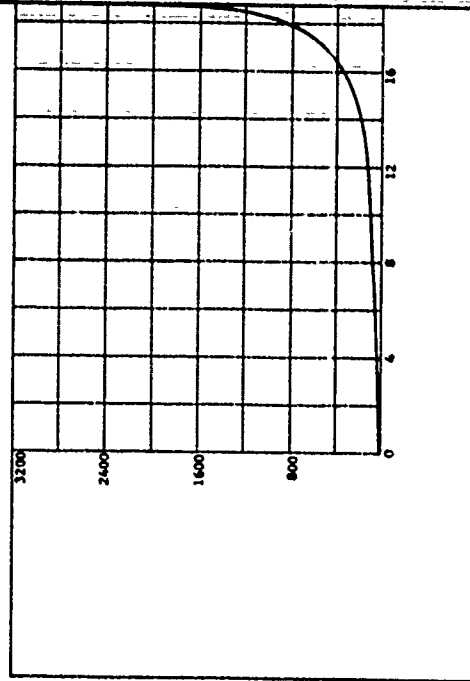
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology, B-602	
Contract No.: DMCA39-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 316
DEPTH	DATE
EL	
LL 36	PL 37
	PI 39
DESCRIPTION: Matching Hill Clay	
Constant Stress Ratio, 0.8	
Initial Pressure, 1600 psi	

WATER CONTENT	W	12.16	%
VOID RATIO	e_0	0.73	
SATURATION	S_0	44.67	%
DRY DENSITY	γ_d	97.19	PCF
WET DENSITY	γ	108.98	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

PROJECT: Georgia Institute of Technology B-602
 Contract No. DMC33-67-C-0051

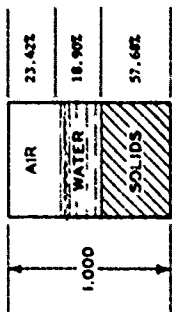
AREA: _____

BORING NO. _____ SAMPLE NO. 316
 DEPTH _____ DATE _____
 EL _____ PL 17 PI 19

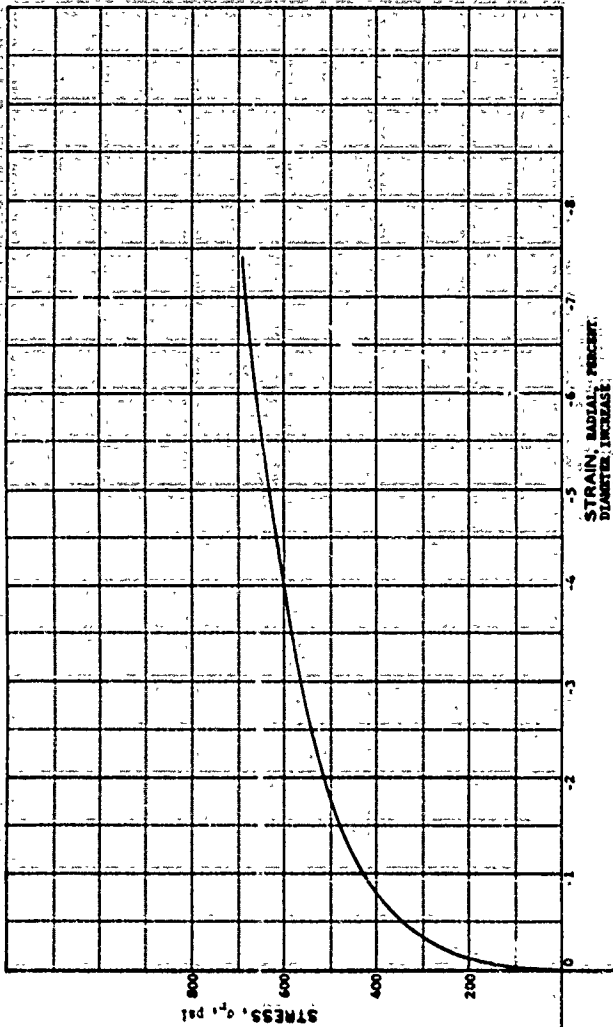
DESCRIPTION: Matching Bill: Clay
 Consistent Stress Ratio, 0.8
 Initial Pressure, 3200 psi

HYDRAULIC PRESSURE, p , PSI

WATER CONTENT	W	12.14	%
VOID RATIO	e_0	0.73	
SATURATION	S_0	44.67	%
DRY DENSITY	γ_d	97.19	PCF
WET DENSITY	γ	106.96	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

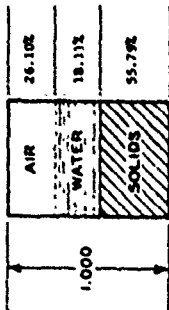


HYDROSTATIC PRESSURE, p , PSI

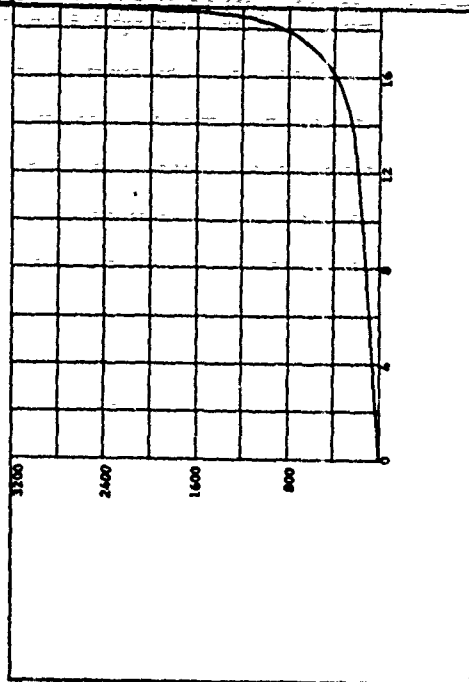
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology B-602	
Contract No.: DMCA39-67-C-0031	
AREA:	
BORING NO.:	SAMPLE NO.: 314
DEPTH:	DATE:
LL: 36	PL: 17
	PI: 19
DESCRIPTION: Matching Hill Clay	
Constant Stress Ratio: 0.8	
Initial Pressure: 3200 psi	

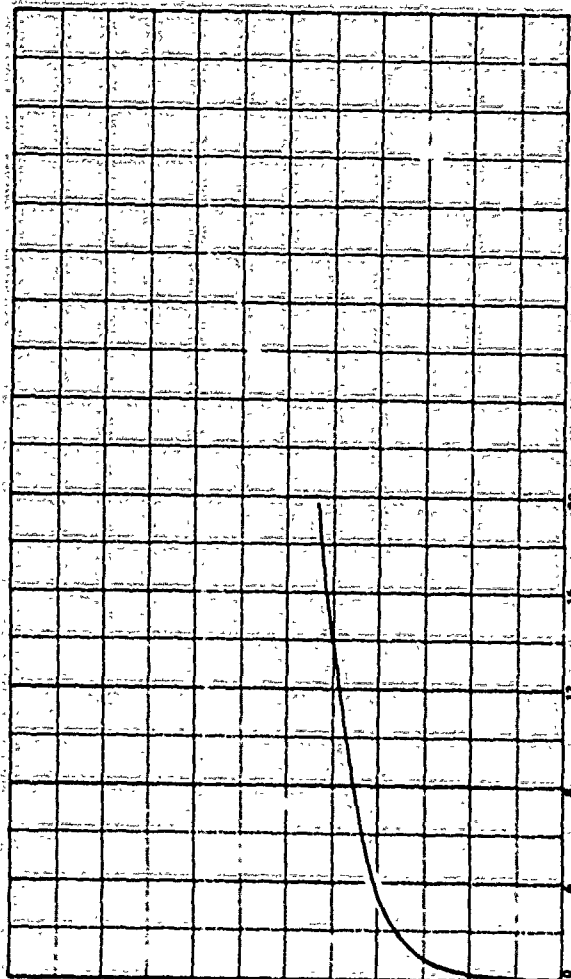
WATER CONTENT	W	12.02 %
VOID RATIO	e_0	0.79
SATURATION	S_0	60.97 %
DRY DENSITY	γ	94.00 PCF
WET DENSITY	γ	105.30 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.50 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



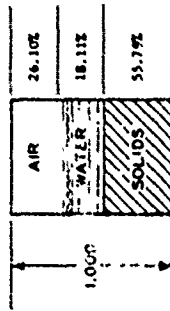
**DEVIATOR STRAIN, $e_g - e_p$, PERCENT
TRIAXIAL SHEAR PHASE**

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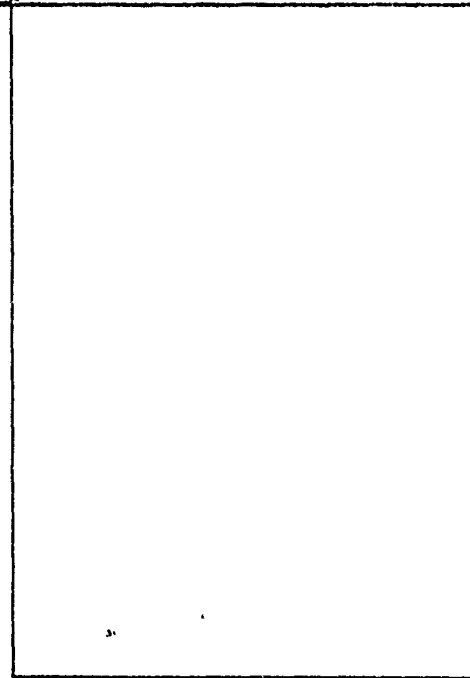
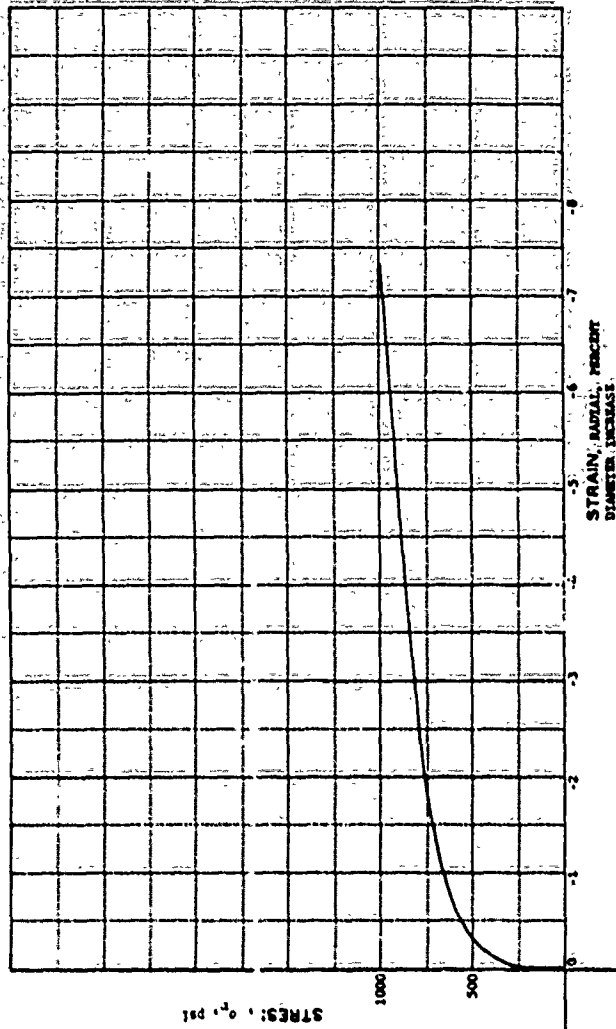
HYDROSTATIC PRESSURE, p , PSI

PROJECT: Georgia Institute of Technology E-602	
Contract No. DACW39-67-C-0031	
AREA:	
BORING NO.:	SAMPLE NO: 331
DEPTH:	DATE:
LL 36	PL 17
PL 18	
DESCRIPTION: Metcalf Hill Clay	
Constant Stress Ratio, 0.8	
Initial Pressure, 3200 psi	

WATER CONTENT	W	12.02	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	40.97	%
DRY DENSITY	γ	94.00	PCF
WET DENSITY	γ	105.30	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



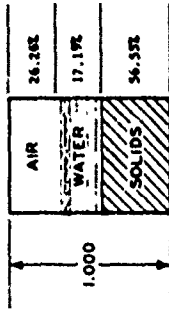
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p , PSI

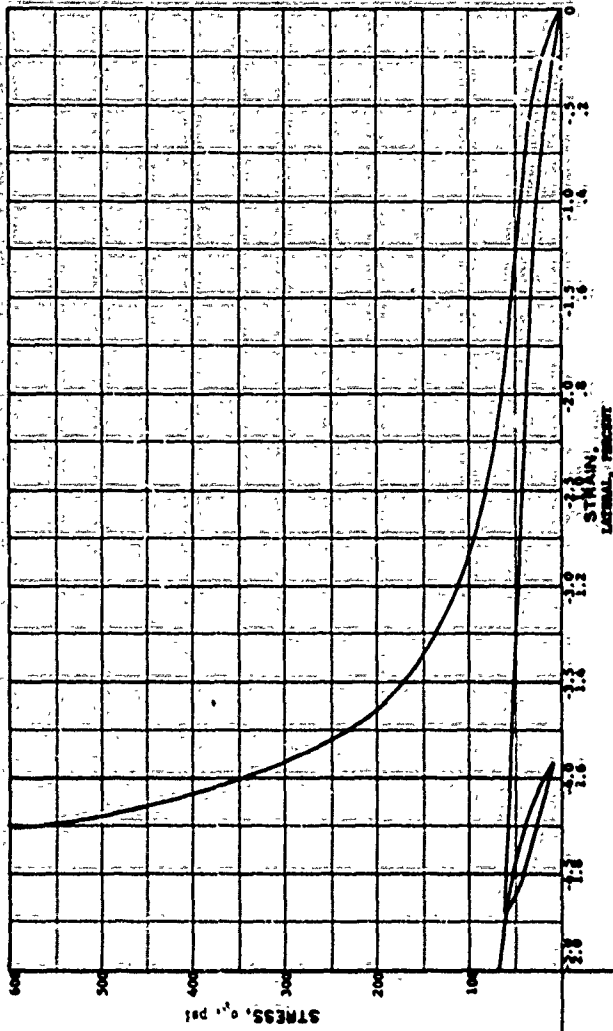
82

PROJECT	Georgia Institute of Technology, B-602		
	Contract No. DACW39-67-C-0031		
AREA			
SAMPLE NO.	SAMPLE NO.		DATE
DEPTH, EL.			
LL	36	PL	17
		PI	18
DESCRIPTION:	Matching Hill: Clay		
	Compress. Stress Ratio, O.B.		
	Initial Pressure, 3200 psi		

WATER CONTENT	W	11.26	%
VOID RATIO	e_0	0.77	
SATURATION	S_r	39.57	%
DRY DENSITY	γ_d	95.27	PCF
WET DENSITY	γ	106.00	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.39	CM



HYDROSTATIC COMPRESSION PHASE

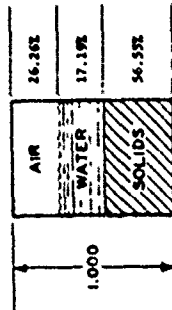


HYDROSTATIC PRESSURE, p, PSI

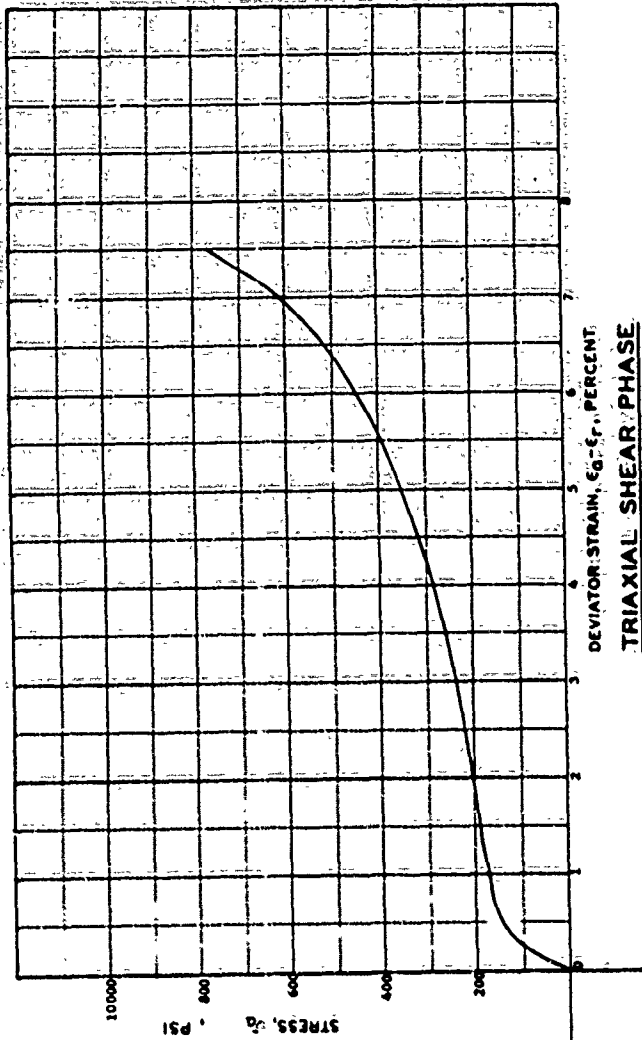
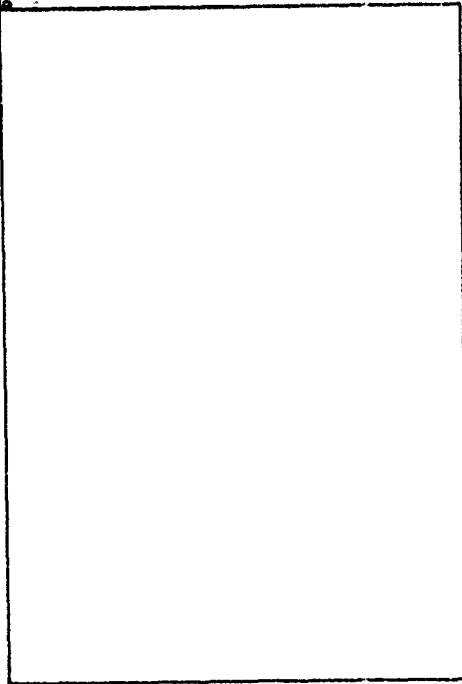
PROJECT: Georgia Institute of Technology B-602	
Contract No. MD-39-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 219
DEPTH	DATE
EL	
LL 36	PL 37
	PI 19
DESCRIPTION: <u>Intact Silty Clay</u>	
Constant Stress Ratio, σ_3 : Initial Pressure, 0. PSI	
Cycle Shear @ 37%	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	11.26	%
VOID RATIO	e_v	0.77	
SATURATION	S_r	59.57	%
DRY DENSITY	γ_d	95.27	PCF
WET DENSITY	γ	106.00	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_s	3.49	CM
SPECIMEN HEIGHT	H_c	7.59	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p , PSI

PROJECT: Georgia Institute of Technology, S-602
 Contract No. DMC39-67-C-0031

AREA: _____

BORING NO.: _____ SAMPLE NO.: 219

DEPTH: _____ DATE: _____

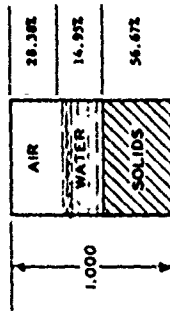
EL.: _____ PL: 17 PI: 19

DESCRIPTION: Wetland Ball Clay

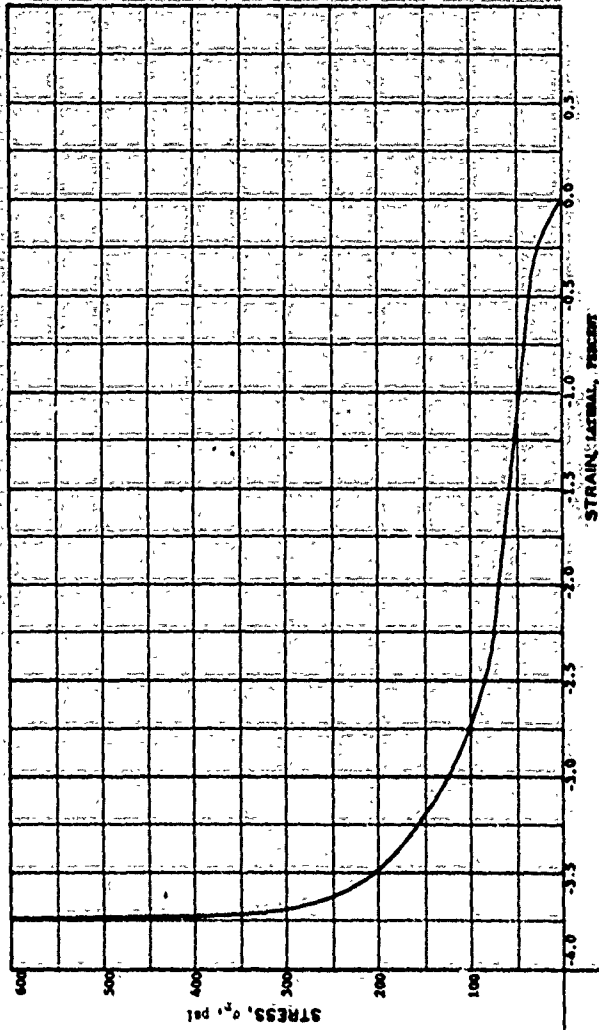
Compass Strain Ratio: 0.9
 Initial Pressure: 0 psi

VOLUMETRIC STRAIN, $\Delta v/v_0$, PERCENT

WATER CONTENT	W	9.77 %
VOID RATIO	e_0	0.76
SATURATION	S_0	36.69 %
DRY DENSITY	γ_d	95.67 PCF
WET DENSITY	γ	106.80 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.31 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE

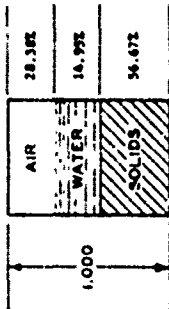


HYDROSTATIC PRESSURE, PSI

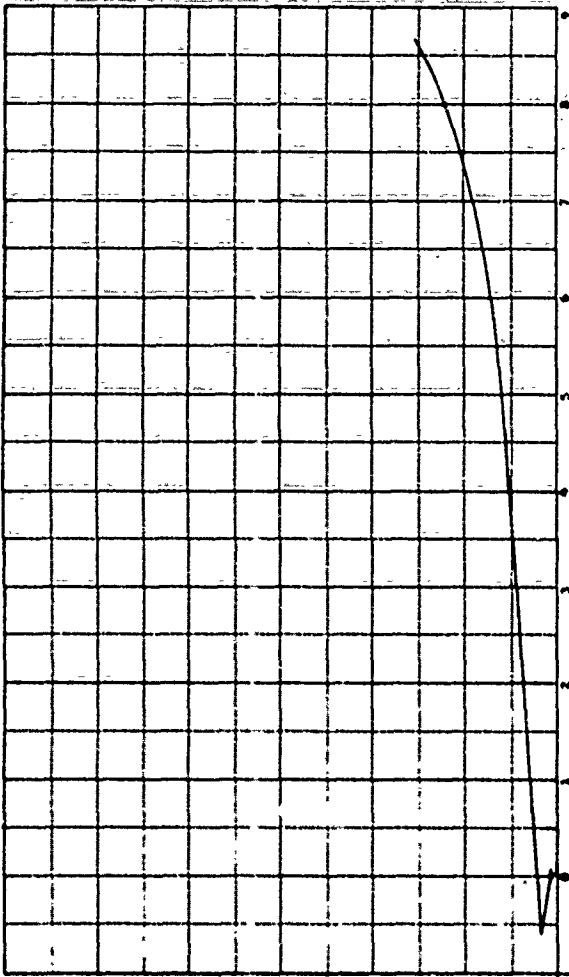
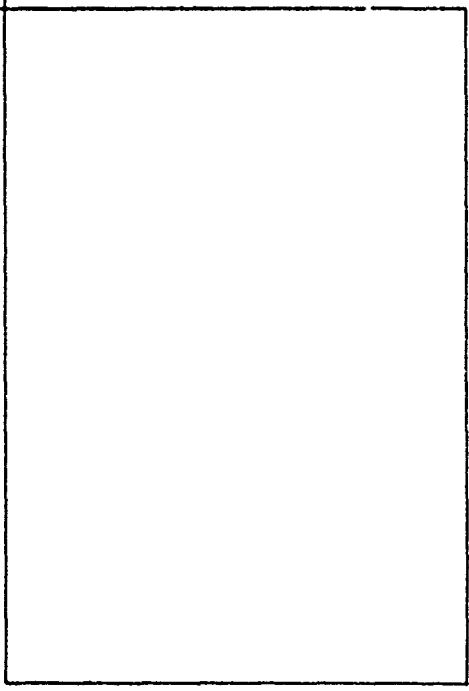
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT Georgia Institute of Technology B-602	
Contract No. BMD39-67-C-0031	
AREA	SAMPLE NO. 221
BORING NO.	DEPTH
EL.	DATE
LL 36	PL 17
PL 19	
DESCRIPTION Michoud Hill, Ga.	
Constant Stress Ratio, 0.9	
Initial Pressure, 0 psi	

WATER CONTENT	W	9.77 %
VOID RATIO	e_0	0.76
SATURATION	S_0	34.49 %
DRY DENSITY	γ_d	95.67 PCF
WET DENSITY	γ	104.40 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.51 CM
SPECIMEN HEIGHT	H_0	2.52 CM



HYDROSTATIC COMPRESSION PHASE



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p, PSI

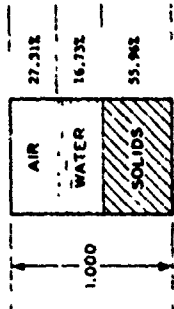
VOLUMETRIC STRAIN, $\Delta v/v_0$, PERCENT

PROJECT Georgia Institute of Technology B-602
 Contract No. DMA13-67-C-0051

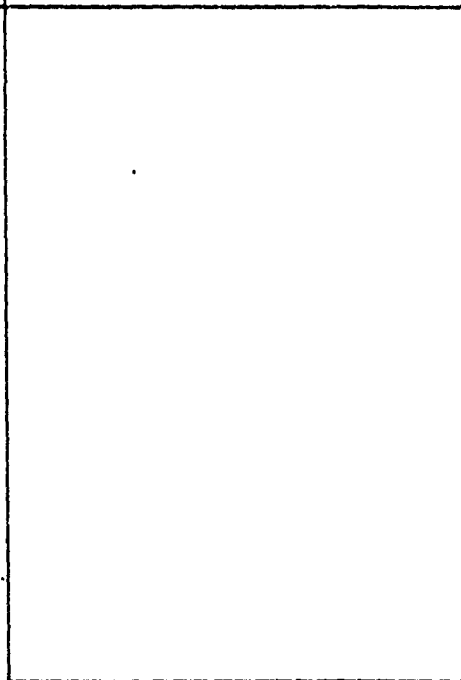
AREA _____ SAMPLE NO. 221
 BORING NO. _____ DEPTH _____ DATE _____
 EL. _____ PL. 36 PL. 37 PL. 39

DESCRIPTION Marching Hill Clay
 Constant Shear Ratio 0.3
 Initial Pressure 0 psi

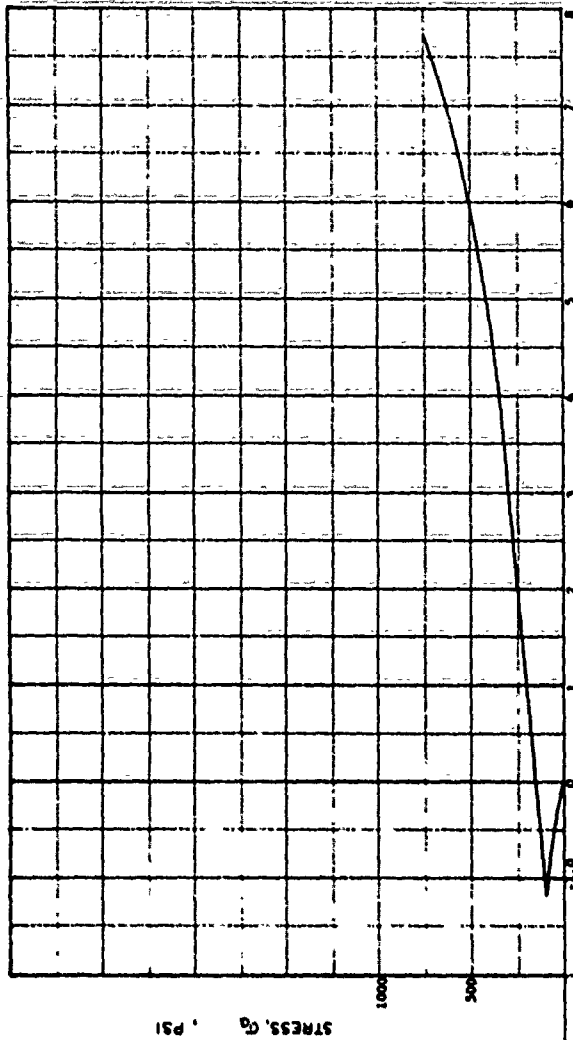
WATER CONTENT	W	11.07	%
VOID RATIO	e_v	0.79	
SATURATION	S_w	37.98	%
DRY DENSITY	γ_d	94.28	PCF
WET DENSITY	γ	104.22	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



TRIAxIAL SHEAR PHASE

HYDROSTATIC PRESSURE, p , PSI

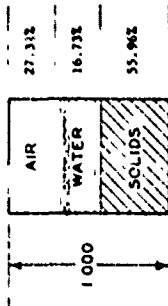
PROJECT Georgia Institute of Technology, S-602
 CONTRACT No. MCASD-67-C-0031

AREA _____

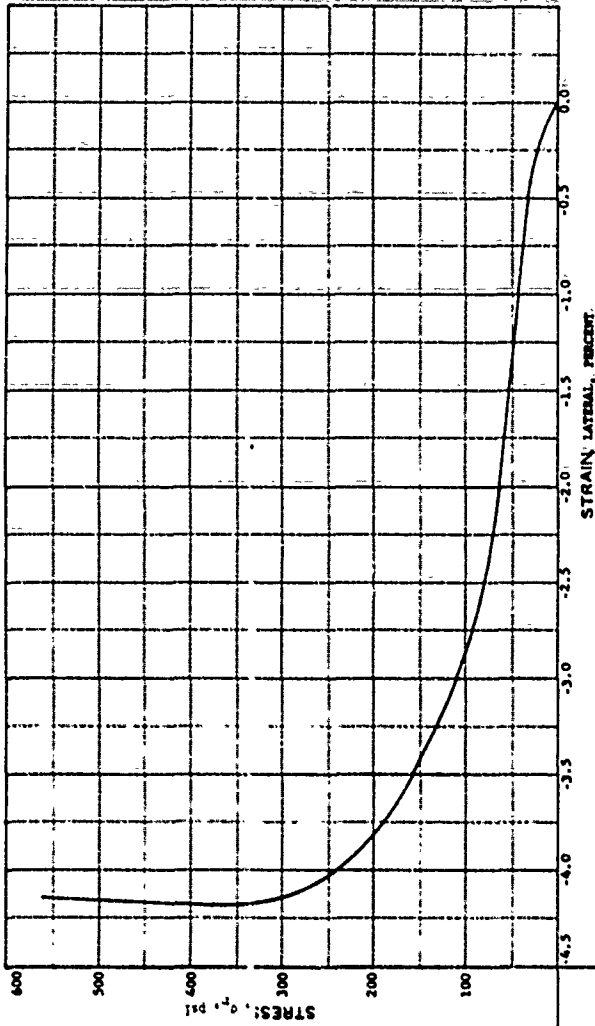
BORING NO. _____ SAMPLE NO. 340
 DEPTH _____ DATE _____
 EL. 36 PL 17 PI 19

DESCRIPTION Wiching Hill Clay
 Constant Stress Ratio, 0.9
 Initial Pressure, 0 psi

WATER CONTENT	W	11.07 %
VOID RATIO	e_0	0.79
SATURATION	S_0	37.96 %
DRY DENSITY	γ_d	94.28 PCF
WET DENSITY	γ	104.72 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

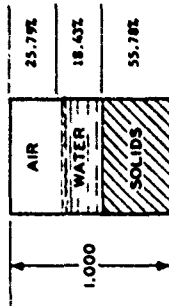
PROJECT <u>Georgia Institute of Technology R-692</u>	
Contract No. <u>MDA39-67-C-0051</u>	
AREA	SAMPLE NO. <u>340</u>
BORING NO.	DEPTH
EL	DATE
LL <u>36</u>	PL <u>17</u>
	PI <u>19</u>
DESCRIPTION <u>Matching B111 Clay</u>	
Constant Stress Ratio, 0.9	
Initial Pressure, 0.9 psi	

Group D

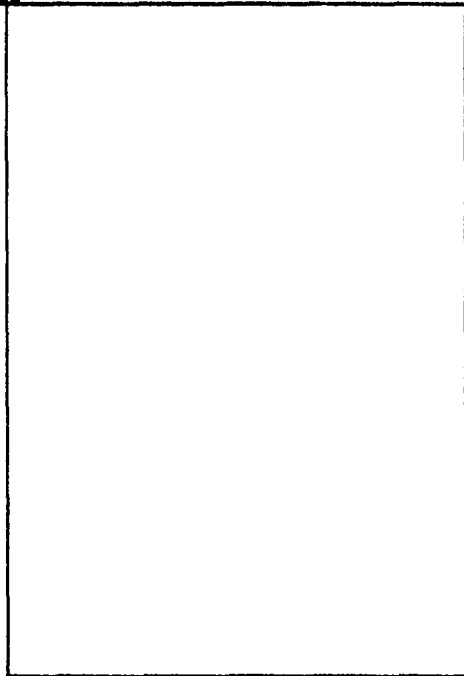
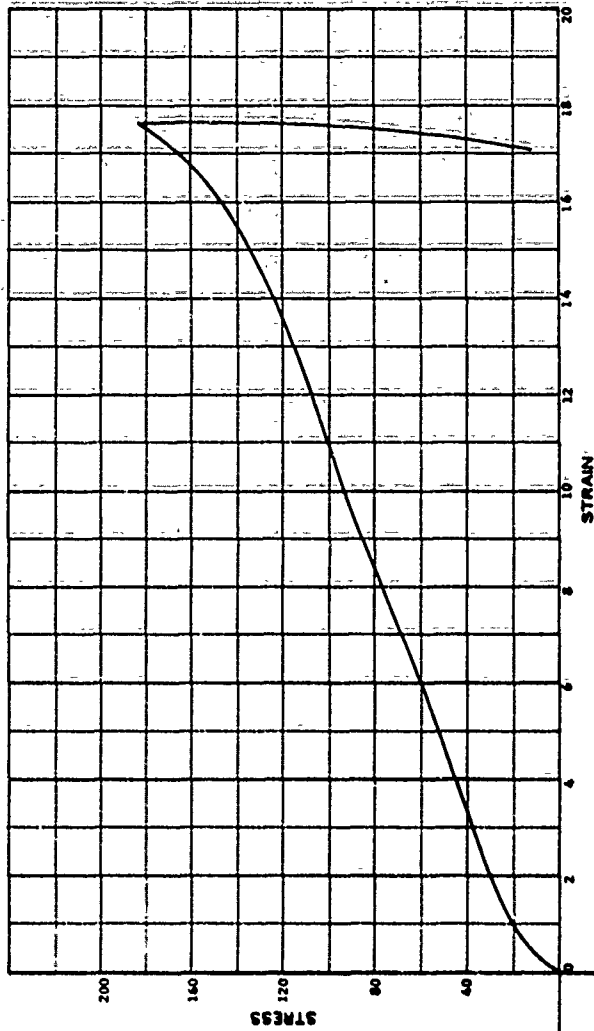
No-Lateral-Strain Tests

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WATER CONTENT	W	12.24 %
VOID RATIO	e_0	0.79
SATURATION	S_w	41.68 %
DRY DENSITY	γ_d	93.98 PCF
WET DENSITY	γ	105.48 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



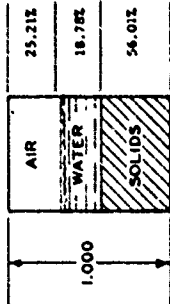
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

HYDROSTATIC PRESSURE, p, PSI

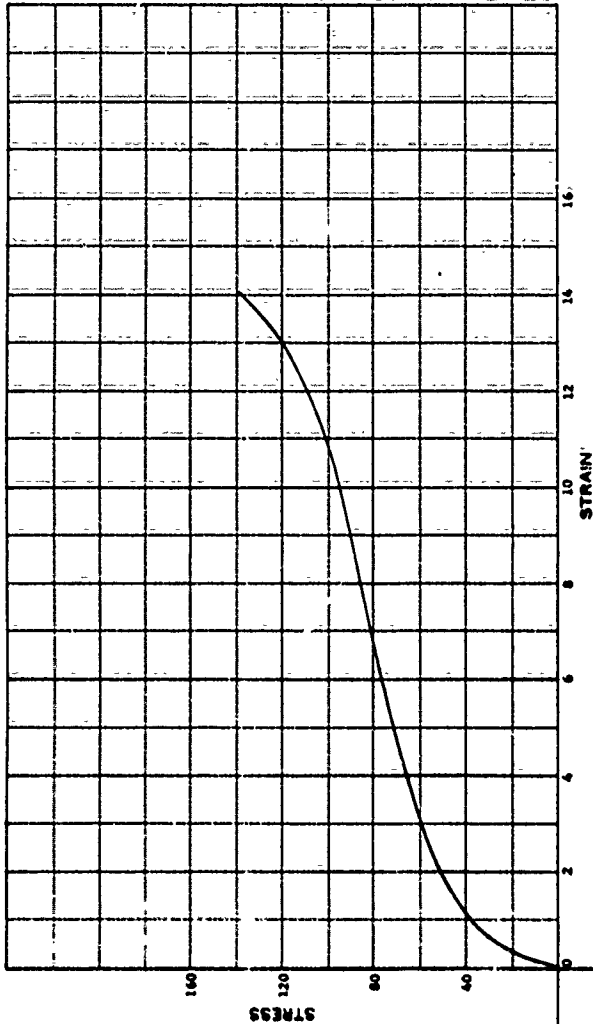
337

PROJECT: Georgia Institute of Technology, B-602			
Contract No. DMC39-67-C-0051			
AREA		SAMPLE NO. 228	
BORING NO.	DEPTH	DATE	
LL 36	PL 17	PI 19	
DESCRIPTION: Matching Hill Clay			
No. Lateral Strain Triaxial Test			
Initial Confining Pressure: 0 psi			

WATER CONTENT	W	12.42 %
VOID RATIO	e_0	0.79
SATURATION	S_0	42.69 %
DRY DENSITY	γ_d	94.36 PCF
WET DENSITY	γ	106.98 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.47 CM
SPECIMEN HEIGHT	H_0	7.64 CM



HYDROSTATIC COMPRESSION PHASE

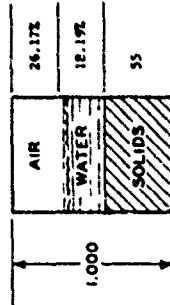


VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

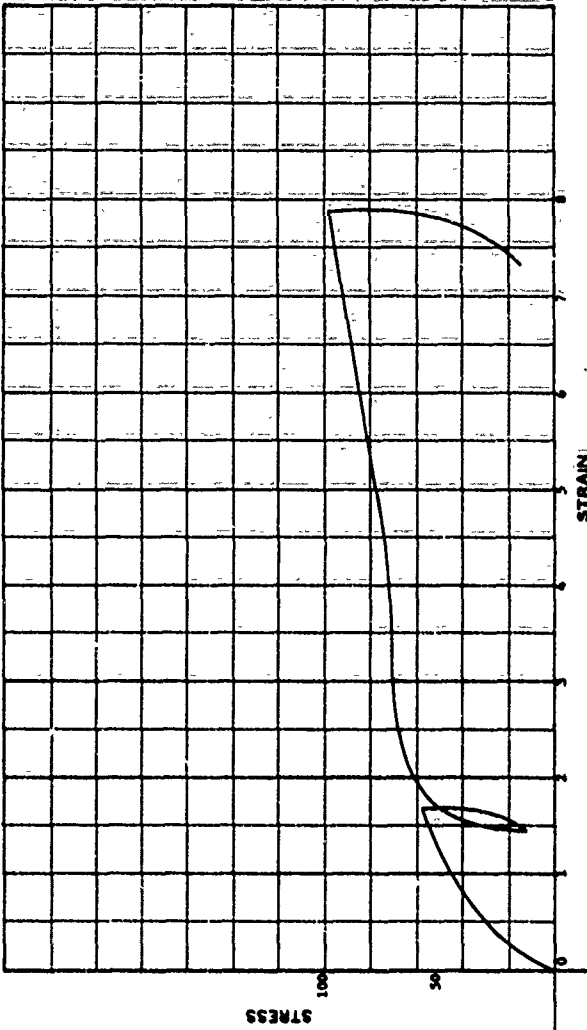
PROJECT Georgia Institute of Technology B-602			
Contract No. DAC39-47-C-0051			
AREA		SAMPLE NO. 233	
BORING NO.		DATE	
DEPTH		PL 17	
E.L.		PI 19	
DESCRIPTION: Machine Billed Clay			
No. Lateral Strain Triaxial Test			
Initial Confining Pressure, σ_{ps}			

HYDROSTATIC PRESSURE, p , PSI

WATER CONTENT	W	12.11	%
VOID RATIO	e_0	0.80	
SATURATION	S_u	41.00	%
DRY DENSITY	γ_d	93.75	PCF
WET DENSITY	γ	105.09	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_0	7.66	CM



HYDROSTATIC COMPRESSION PHASE

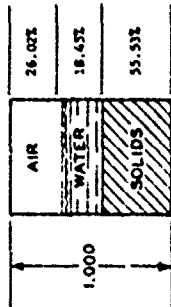


HYDROSTATIC PRESSURE, p, PSI

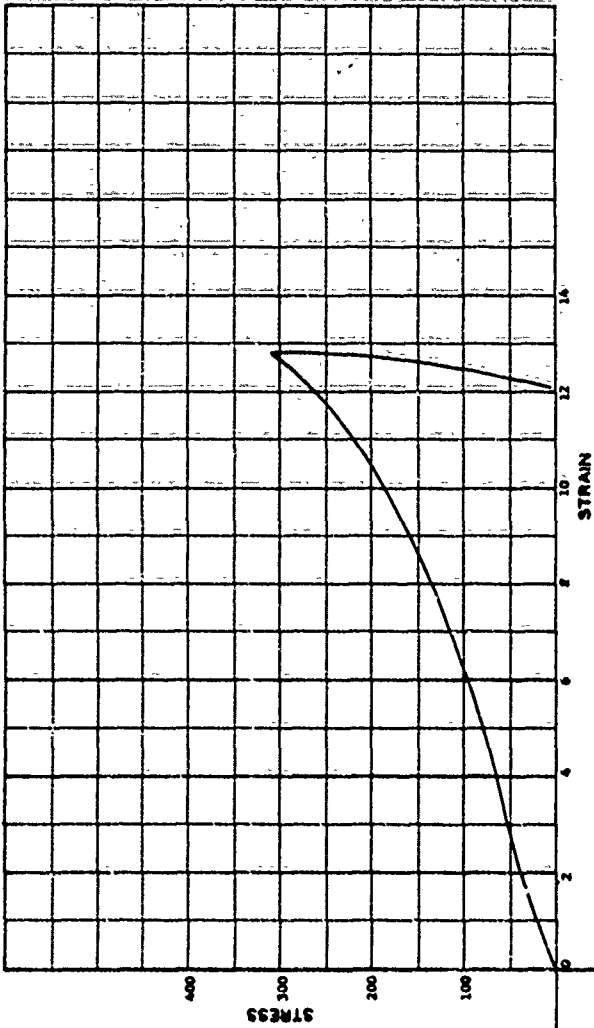
PROJECT Georgia Institute of Technology B-602			
Contract No. DCA39-67-C-0051			
AREA		SAMPLE NO. 241	
BORING NO.		DATE	
DEPTH		PL 17	
EL		PI 19	
DESCRIPTION Metcalf Mill Clay			
No Lateral Strain Triaxial Test, Initial Confining Pressure 0 psi			
Cycle Shear			

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.30 %
VOID RATIO	e_0	0.80
SATURATION	S_0	41.49 %
DRY DENSITY	γ_d	93.56 PCF
WET DENSITY	γ	105.07 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.48 CM
ORIGINAL HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



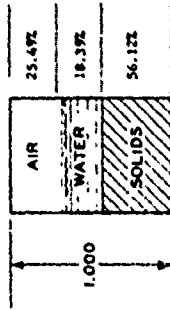
HYDROSTATIC PRESSURE, P, PSI

340

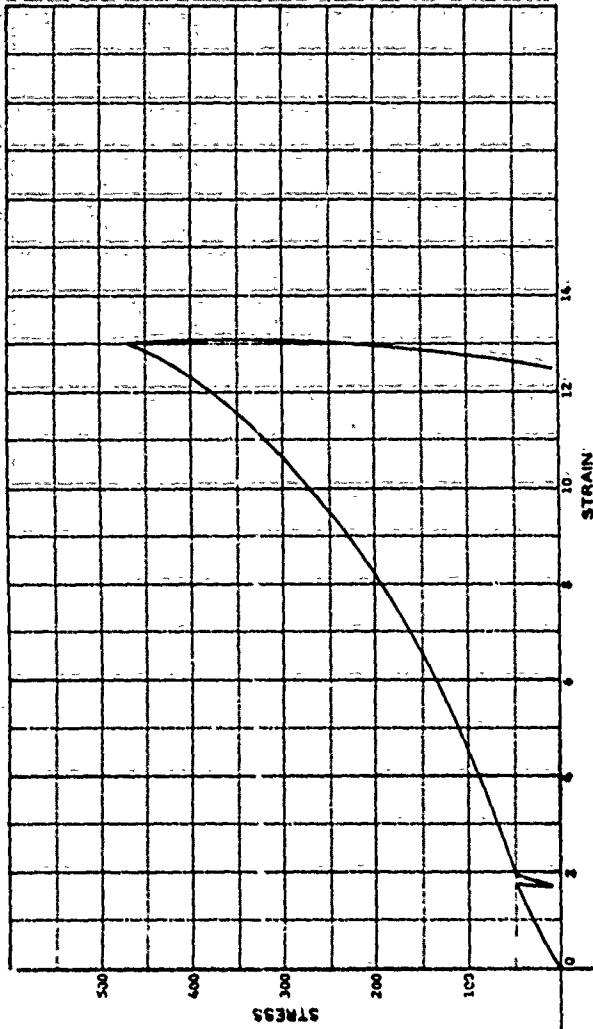
PROJECT Georgia Institute of Technology B-602	
Contract No. DMC39-67-C-0091	
AREA	
BORING NO.	SAMPLE NO. 226
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION Machine Mill Clay	
No Lateral Strain Triaxial Test	
Initial Confining Pressure, 100 psi	

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.13	%
VOID RATIO	e_0	0.78	
SATURATION	S_0	41.90	%
DRY DENSITY	γ_d	94.55	PCF
WET DENSITY	γ	106.02	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.55	CM



HYDROSTATIC COMPRESSION PHASE



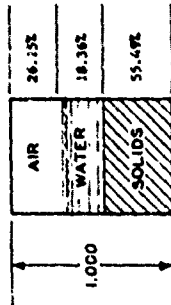
HYDROSTATIC PRESSURE, p, PSI

242

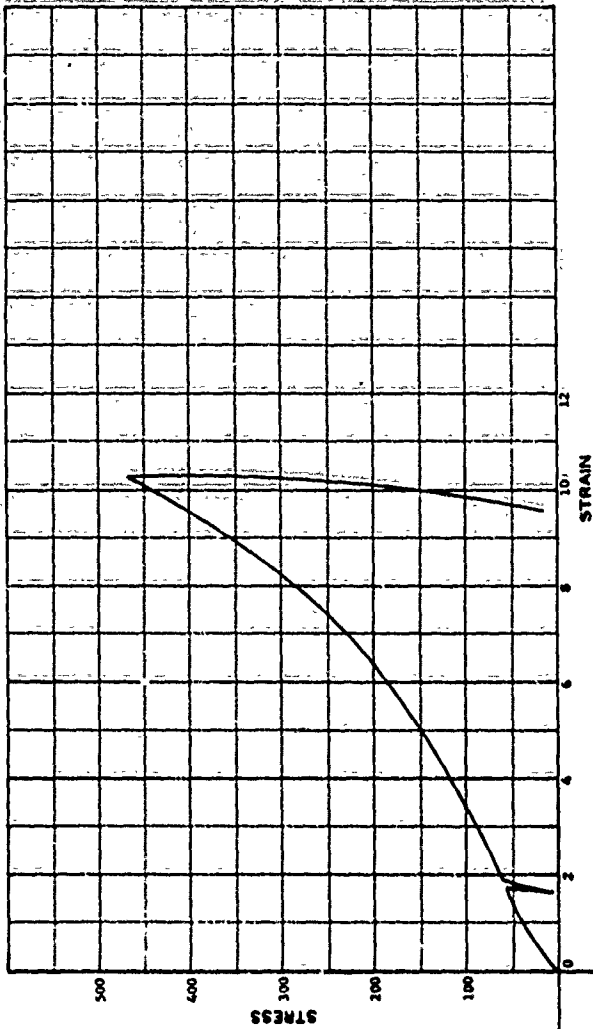
PROJECT Georgia Institute of Technology J-662			
Contract No. DAC39-67-C-0051			
AREA		SAMPLE NO. 243	
BORING NO.	DEPTH	DATE	
LL 36	PL 17	PI 19	
DESCRIPTION: Washing Mill Clay			
No. Lateral Strain (radial) Test, Initial Confining Pressure 100 psi.			
Cycle Shear			

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.25	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.26	%
DRY DENSITY	γ_d	93.49	PCF
WET DENSITY	γ	105.95	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.64	CM



HYDROSTATIC COMPRESSION PHASE

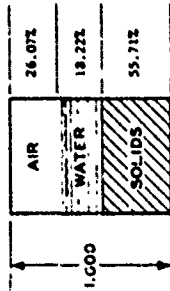


HYDROSTATIC PRESSURE, p , PSI

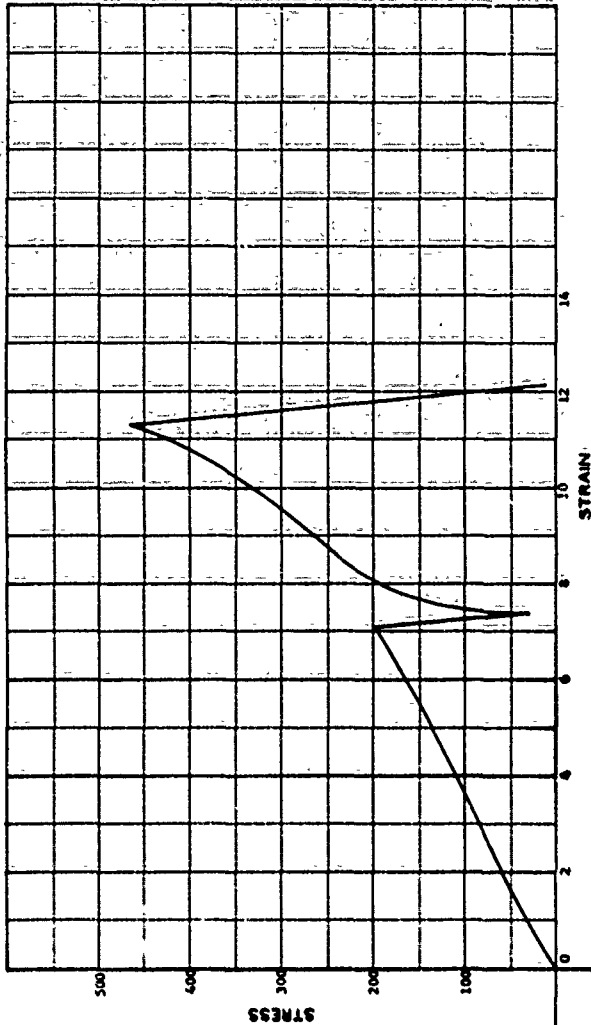
VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

PROJECT: Georgia Institute of Technology B-602	
Contract No. DCA39-67-C-0031	
AREA	
BORING NO.	SAMPLE NO. 232
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION: Matching Hill Clay	
No. Lateral Strain-Triaxial Test, Initial Confining Pressure 100/psf	
Cycle Shear	

WATER CONTENT	W	12.11	%
VOID RATIO	e_0	0.40	
SATURATION	S_v	41.13	%
DRY DENSITY	γ_d	93.85	PCF
WET DENSITY	γ	105.22	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, P, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

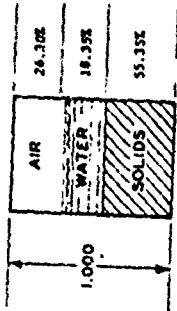
PROJECT Georgia Institute of Technology 8-602
Contract No. DCAAF-67-5-0031

AREA

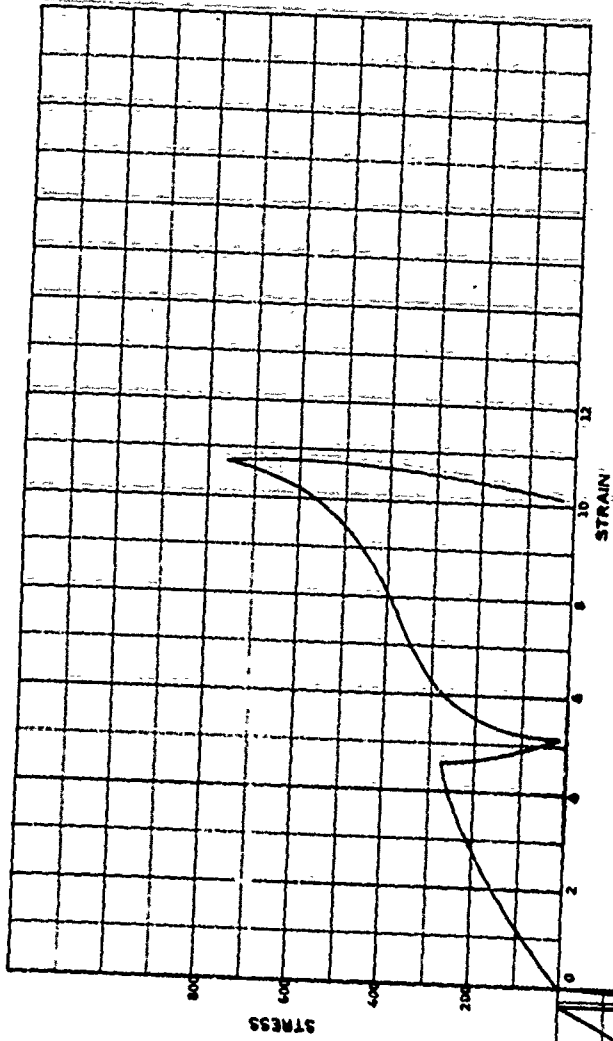
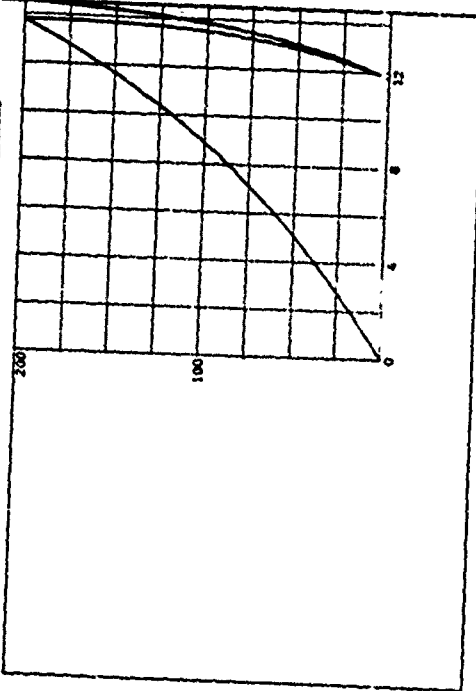
BORING NO. SAMPLE NO. 245
DEPTH EL. DATE
LL 36 PL 17 PI 19

DESCRIPTION Matching Mill Clay
No Lateral Strain Triax. Test, Initial Confining Pressure 100 psi
Cycle Shear

WATER CONTENT	W	12.28	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	41.11	%
DRY DENSITY	γ_d	93.25	PCF
WET DENSITY	γ	104.71	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

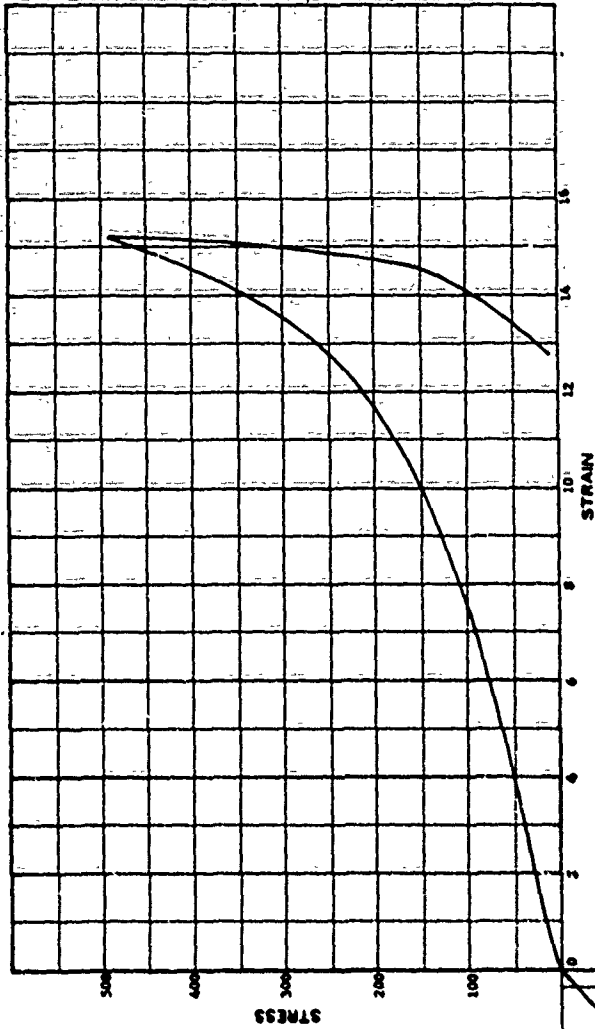
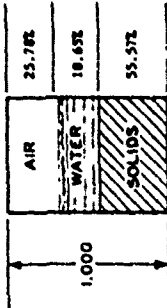


PROJECT Georgia Institute of Technology B-602			
Contract No. DCA39-67-C-0093			
AREA	BORING NO.	SAMPLE NO.	229
	DEPTH	DATE	
LL 36	PL 17	PI 19	
DESCRIPTION MISSISSIPPI CLAY			
No Lateral Strain Triaxial Test, Initial Confining Pressure 200/psf			
Cycle Shear, Cycle Compression			

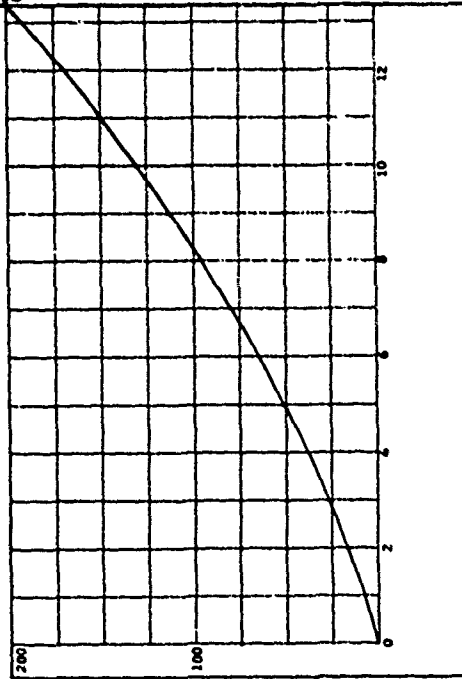
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.43	%
VOID RATIO	e_v	0.80	
SATURATION	S_u	41.98	%
DRY DENSITY	γ_d	93.63	PCF
WET DENSITY	γ	105.27	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_o	3.49	CM
SPECIMEN HEIGHT	H_o	7.64	CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

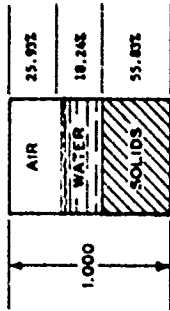
VOLUMETRIC STRAIN, $\Delta v/v_0$, PERCENT

PROJECT Georgia Institute of Technology 3-602
 Contract No. DMC33-67-C-0051

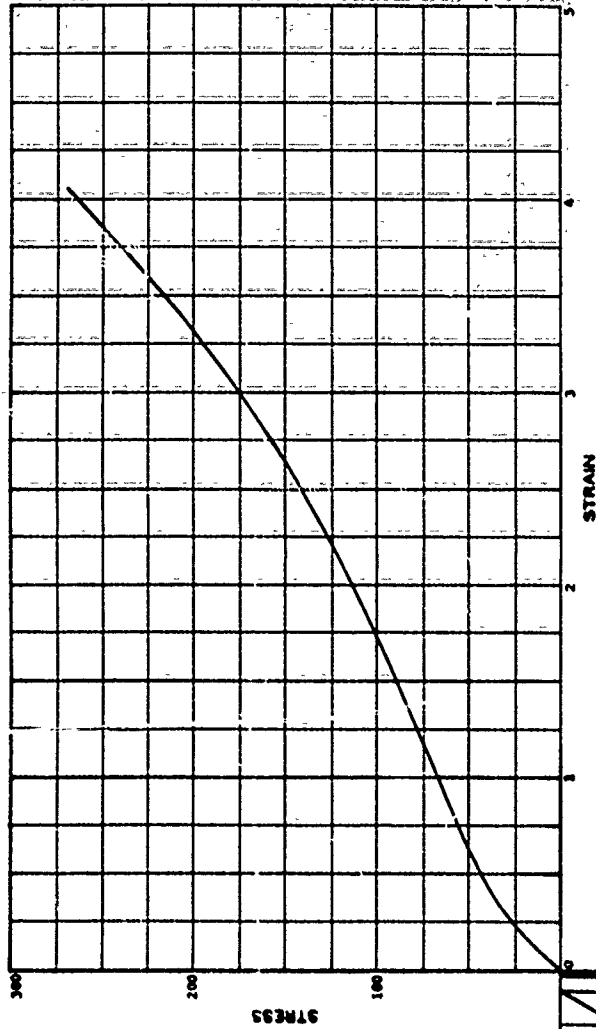
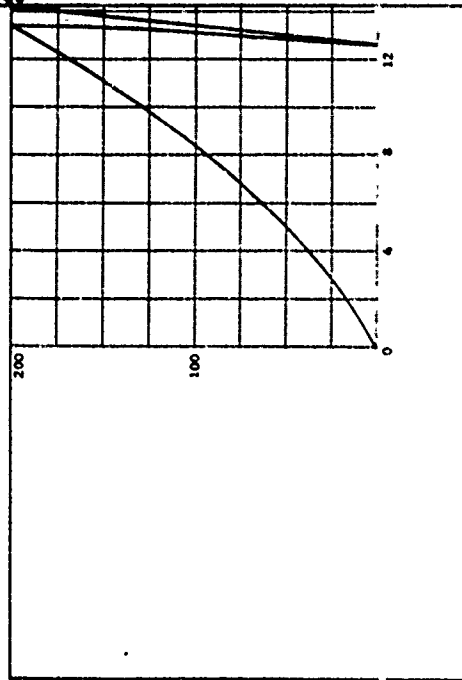
AREA	SAMPLE NO. 236	
BORING NO.	DEPTH	DATE
EL.	PL 36	PL 17
LL	PL 19	PI 19

DESCRIPTION Unsat. Silty Clay
 No. Lateral Strain Triaxial Test
 Initial Confining Pressure, 200 psi

WATER CONTENT	W	12.10	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	61.29	%
DRY DENSITY	γ_d	96.07	PCF
WET DENSITY	γ	105.45	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.59	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology R-602
Contract No. DAC32-67-C-0031

AREA _____

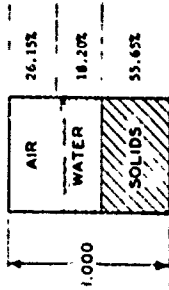
BORING NO. _____ SAMPLE NO. 247
DEPTH _____ DATE _____
EL _____

LL 36 PL 17 PI 19

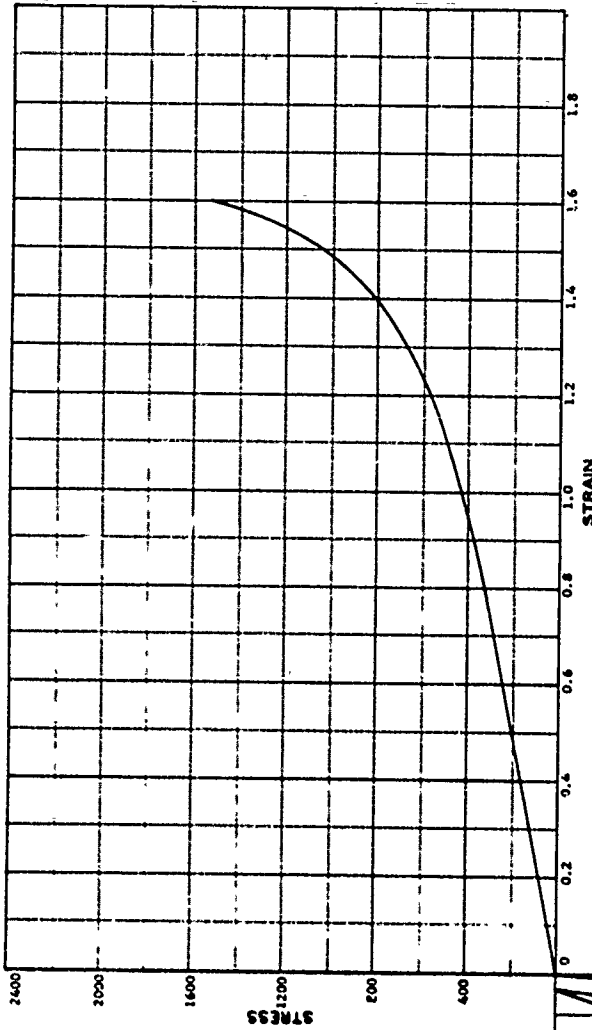
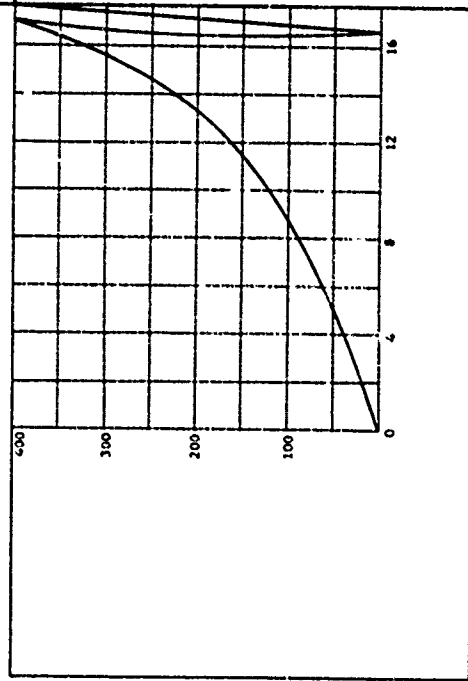
DESCRIPTION: Matching Hill Clay
No. Lateral Strain Triaxial Test
Initial Confining Pressure, 200 psi. Cyc. Compression.

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	12.11	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.04	%
DRY DENSITY	γ_s	93.76	PCF
WET DENSITY	γ	105.12	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.61	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology E-602
 Contract No. DCA39-57-C-0051

AREA _____ SAMPLE NO. 246

BORING NO. _____ DEPTH _____ DATE _____

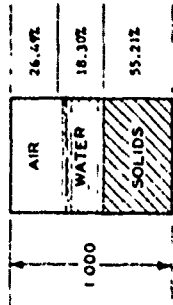
EL _____ PL 17 PI 19

DESCRIPTION Matching Hill Clay - No Lateral Strain Test -
 Initial Confining Pressure 400 psi.
 Cycle Compression

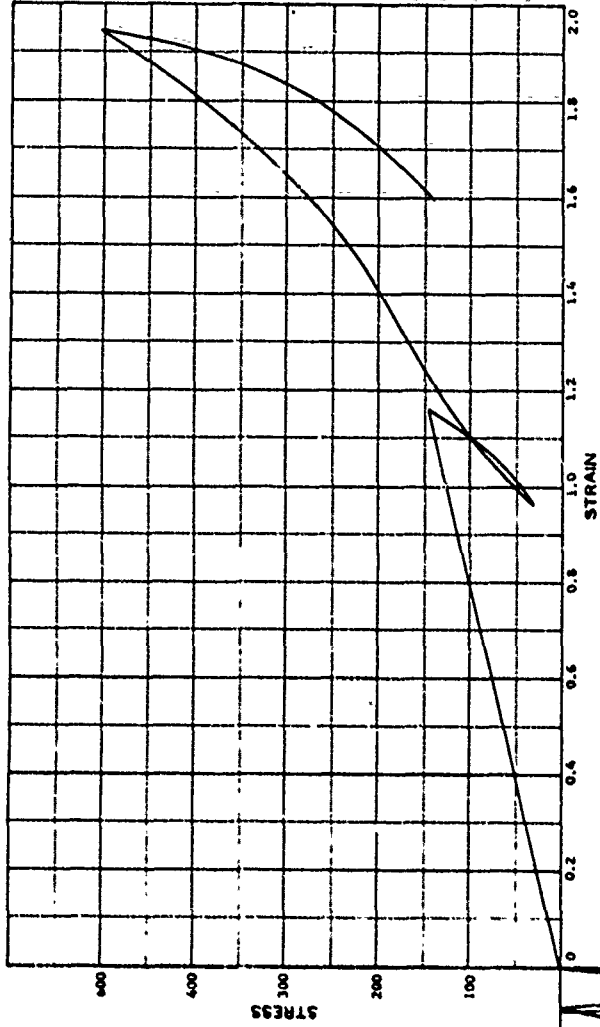
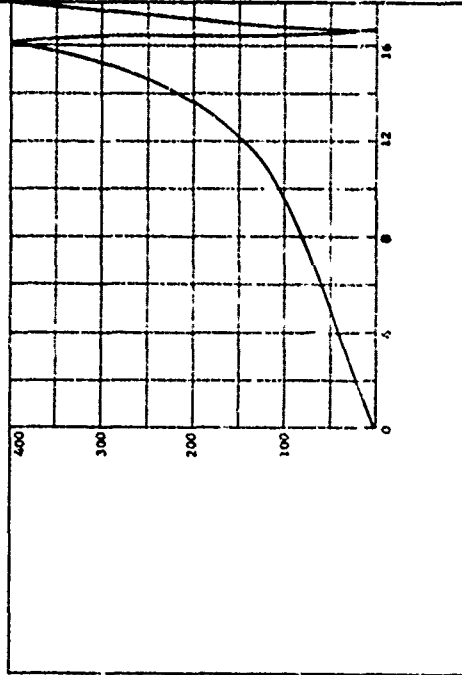
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.28	%
VOID RATIO	e_0	0.81	
SATURATION	S_0	40.86	%
DRY DENSITY	γ_d	93.02	PCF
WET DENSITY	γ	106.44	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.53	CM



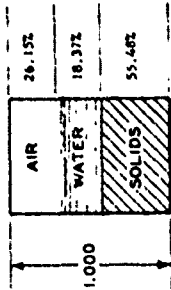
HYDROSTATIC COMPRESSION PHASE



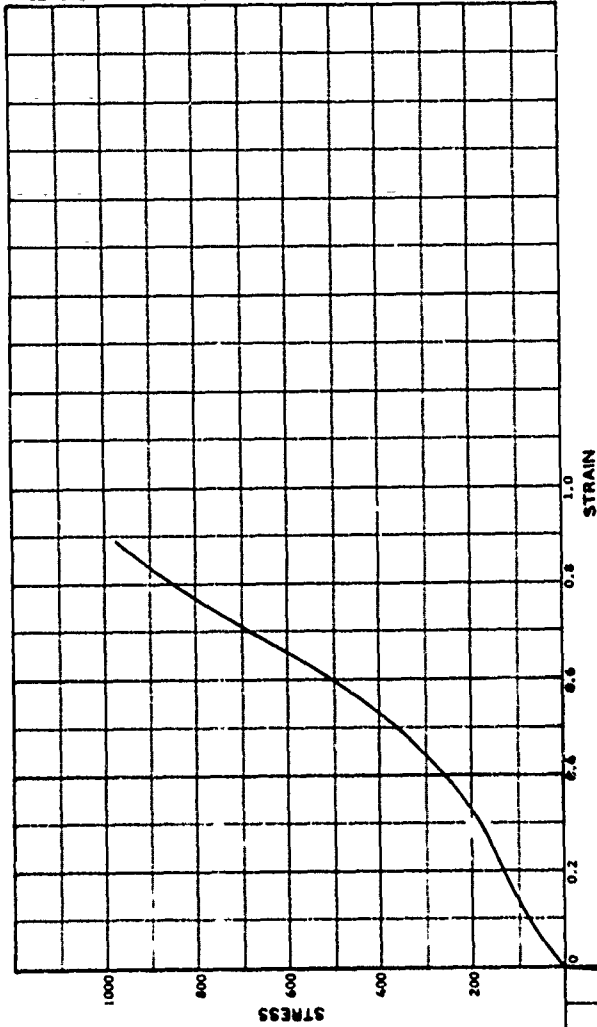
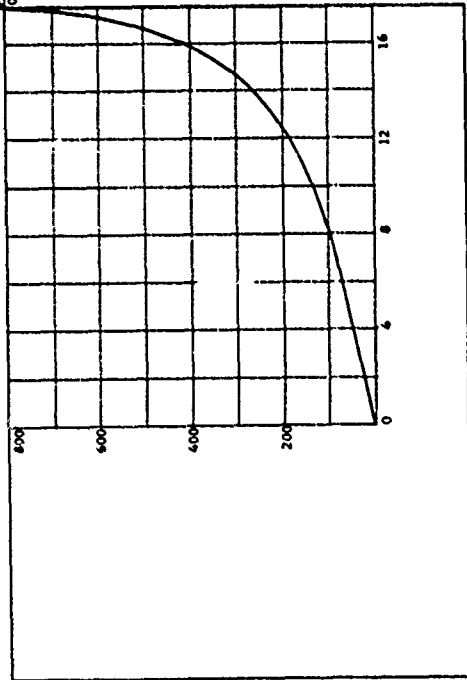
PROJECT Georgia Institute of Technology B-602		
Contract No. DMC39-67-C-0031		
AREA		
BORING NO.	SAMPLE NO. 281	
DEPTH	DATE	
EL		
LL 36	PL 17	PI 19
DESCRIPTION <u>Wichita Hill Clay</u>		
No Lateral Strain Triaxial Test, Initial Confining Pressure 400 psi		
Cycle Shear, Cycle Compression		

HYDROSTATIC PRESSURE, p, PSI

WATER CONTENT	W	2.27	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.27	%
DRY DENSITY	γ_d	93.67	PCF
WET DENSITY	γ	104.94	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.64	CM



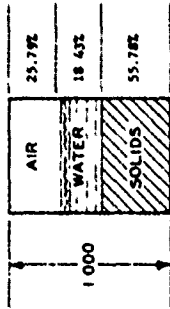
HYDROSTATIC COMPRESSION PHASE



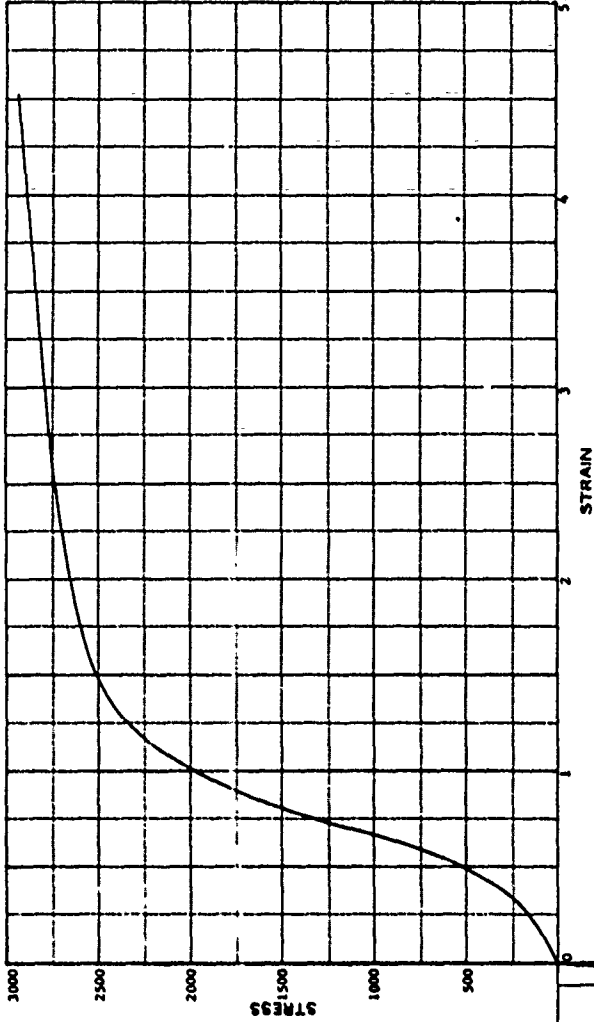
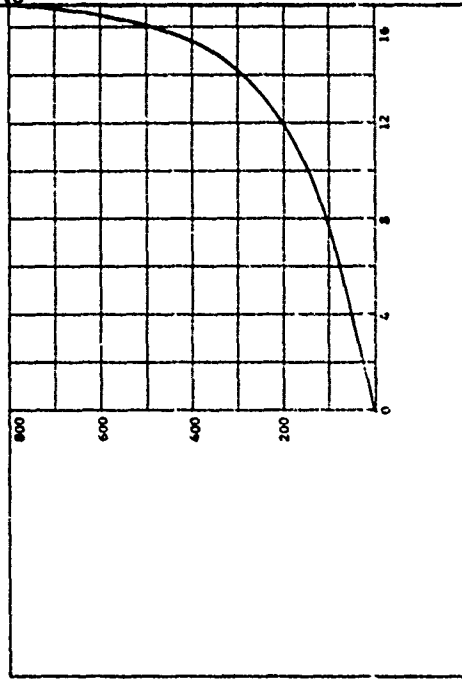
PROJECT Georgia Institute of Technology B-602
 Contract No. DAC39-67-C-0051

AREA _____ SAMPLE NO. 223
 BORING NO. _____ DEPTH _____ DATE _____
 EL _____ PL 36 PI 19
 DESCRIPTION Machine Mill Clay
 No. Lateral Strain Triaxial Test _____
 Initial Confining Pressure, 800 psi

WATER CONTENT	W	12.24	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	41.68	%
DRY DENSITY	γ_d	93.98	PCF
WET DENSITY	γ	105.48	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.48	CM
SPECIMEN HEIGHT	H_c	7.44	CM

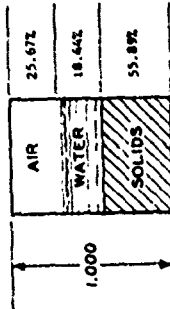


HYDROSTATIC COMPRESSION PHASE

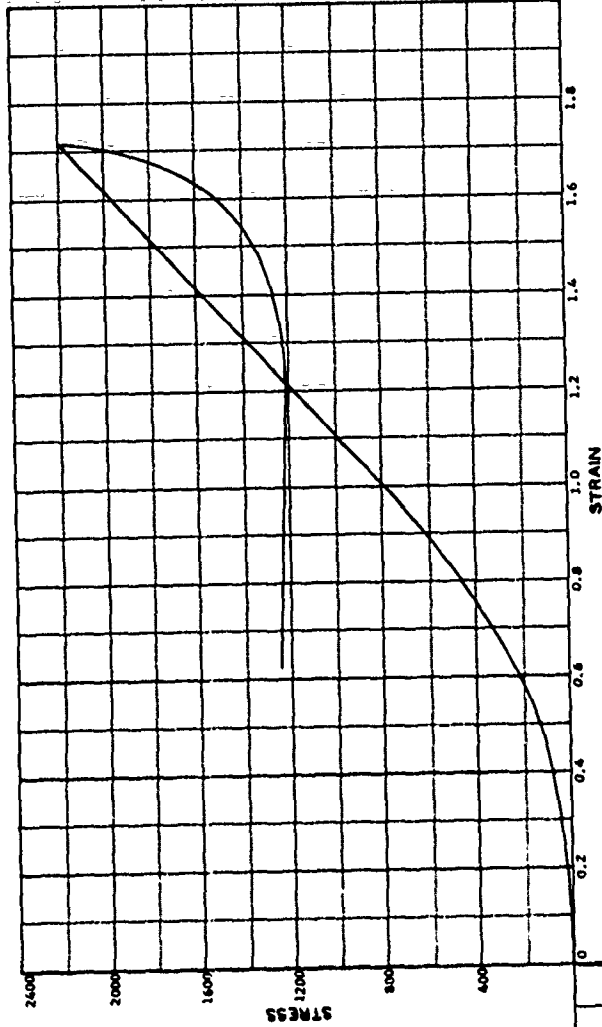
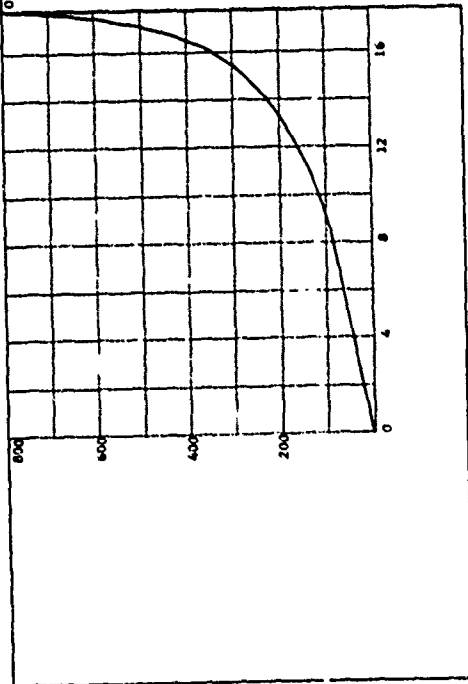


PROJECT Georgia Institute of Technology J-602		
Contract No. DMC39-67-C-0051		
AREA		
BORING NO.	SAMPLE NO. 225	
DEPTH	DATE	
EL		
LL 36	PL 17	PI 19
DESCRIPTION Matching Billi Clay		
No Lateral Strain Triaxial Test		
Initial Confining Pressure, 800 psi		

WATER CONTENT	W	12.22	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	61.80	%
DRY DENSITY	γ	96.17	PCF
WET DENSITY	γ	105.67	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.63	CM



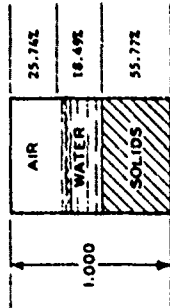
HYDROSTATIC COMPRESSION PHASE



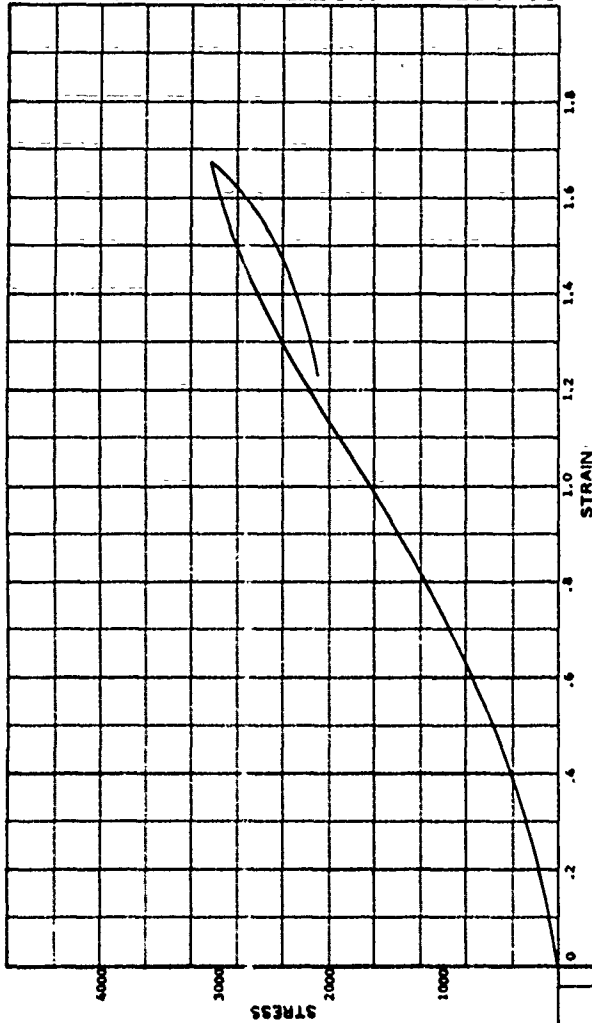
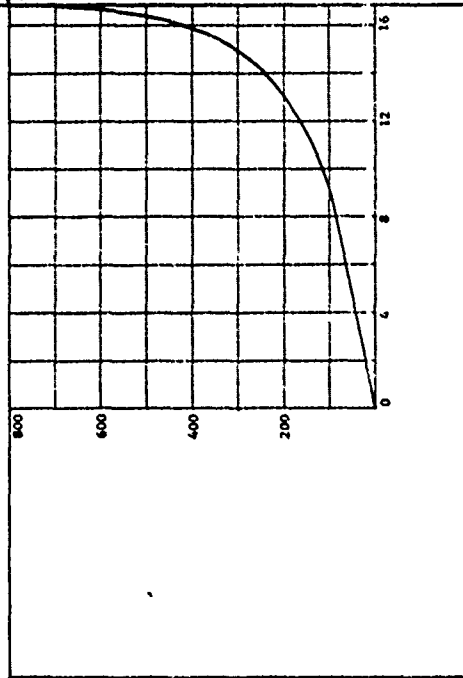
HYDROSTATIC PRESSURE, P, PSI

PROJECT Georgia Institute of Technology B-602			
Contract No. DAC39-67-C-0031			
AREA	BORING NO.	SAMPLE NO. 226	
DEPTH	EL	DATE	
LL 36	PL 17	PI 19	
DESCRIPTION Matching Mill Clay			
No Lateral Strain Triaxial Test			
Initial Confining Pressure, 800 psi			

WATER CONTENT	W	12.28	%
VOID RATIO	e_0	0.73	
SATURATION	S_0	41.80	%
DRY DENSITY	γ_d	93.97	PCF
WET DENSITY	γ	105.50	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.58	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology E-602
Contract No. DMA39-67-C-0031

AREA _____

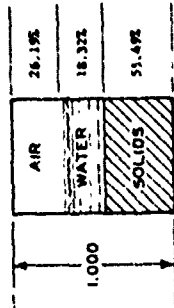
BORING NO. _____ SAMPLE NO. 27

DEPTH _____ DATE _____

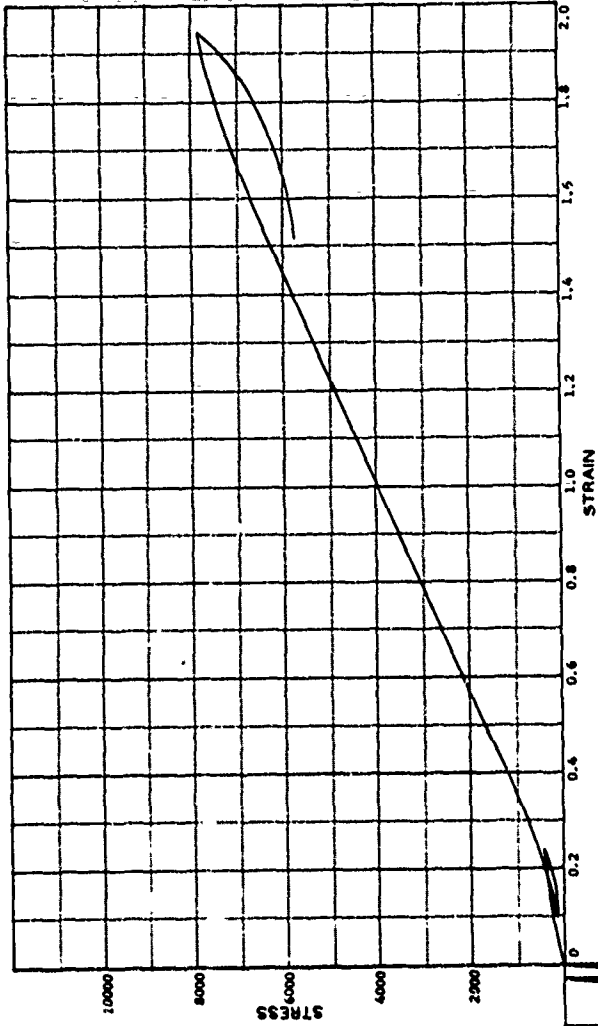
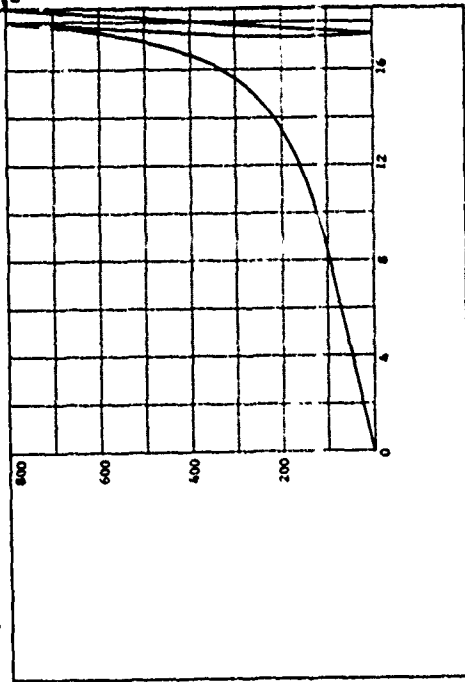
EL _____ PL 36 PL 17 PL 19

DESCRIPTION White Hill Clay
No. Lateral Strain Triaxial Test
Initial Confining Pressure, 800 psi

WATER CONTENT	W	12.23	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.15	%
DRY DENSITY	γ_d	93.49	PCF
WET DENSITY	γ	104.92	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.63	CM



HYDROSTATIC COMPRESSION PHASE

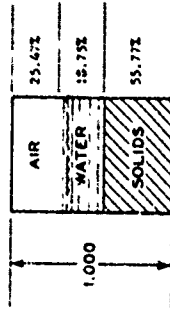


PROJECT <u>Georgia Institute of Technology 8-602</u>			
Contract No. <u>DACA39-67-C-0051</u>			
ART.			
BORING NO.	SAMPLE NO. <u>239</u>		
DEPTH	DATE		
EL.			
LL	PL	PI	19
DESCRIPTION <u>Matching Hill Clay</u>			
No. <u>Latex Strain Triaxial Test, Initial Confining Pressure 800 psi</u>			
Cycle Shear, Cycle Compression			

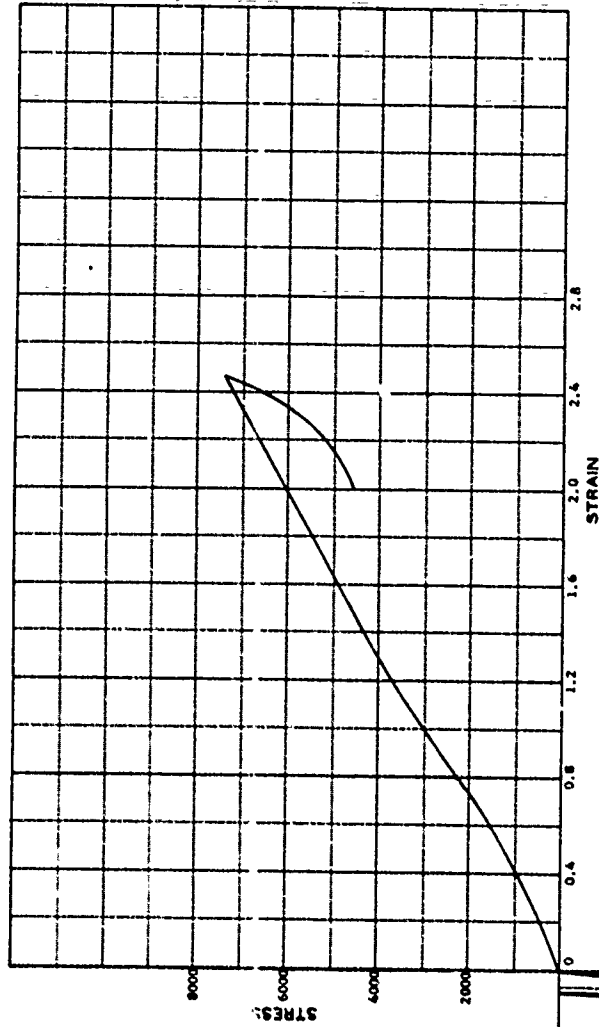
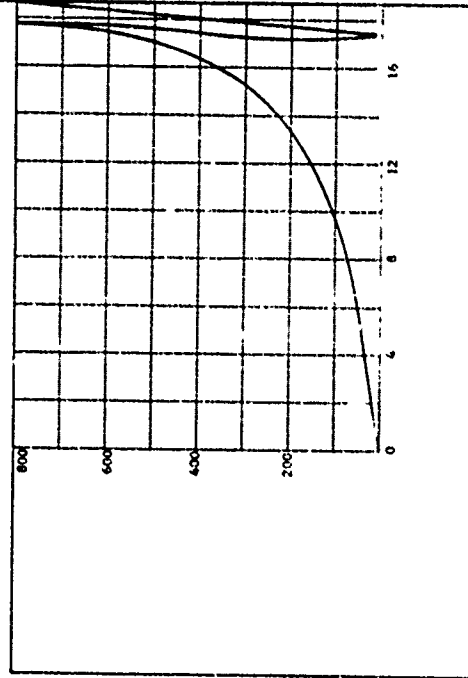
HYDROSTATIC PRESSURE, p, PSI

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.45	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	42.40	%
DRY DENSITY	γ_d	93.96	PCF
WET DENSITY	γ	105.67	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.49	CM
SPECIMEN HEIGHT	H_0	7.80	CM



HYDROSTATIC COMPRESSION PHASE

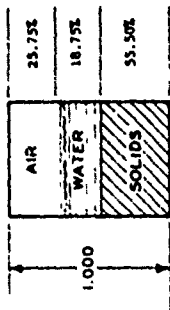


PROJECT Georgia Institute of Technology, B-602
 Contract No. DMCAS-67-C-0031

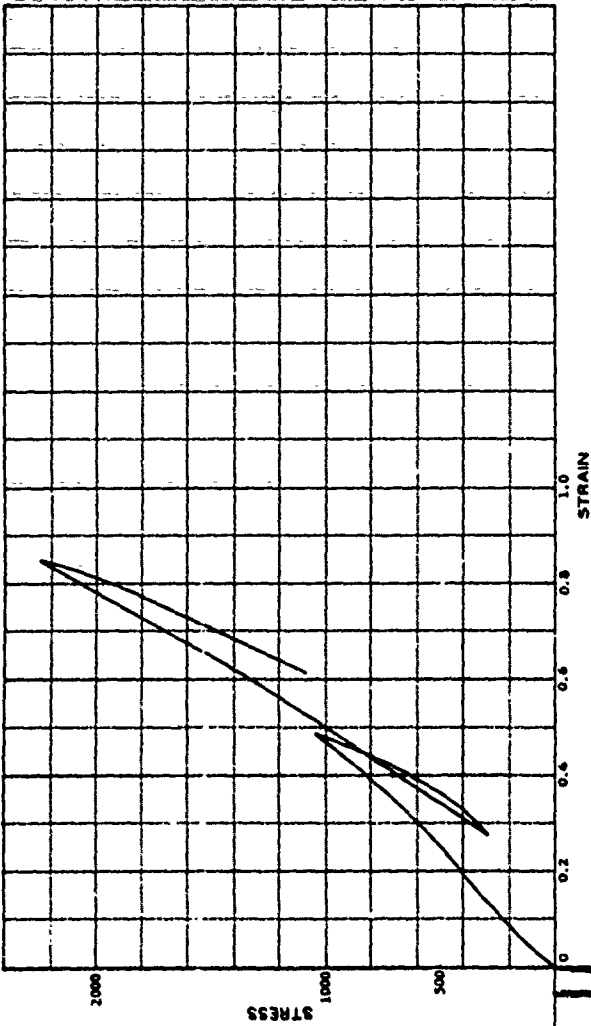
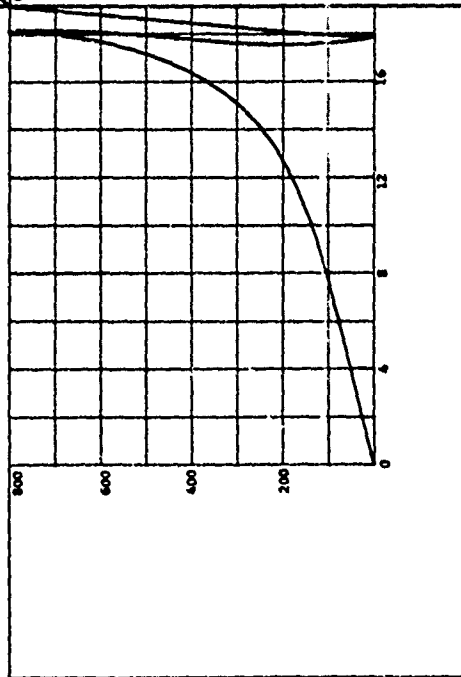
AREA _____ SAMPLE NO. 270
 BORING NO. _____ DEPTH _____ DATE _____
 EL _____ PL 17 PL 19

DESCRIPTION Kitching Hill Clay - No Lateral Strain Triaxial Test -
 Initial Confining Pressure, 800 psi
 Cycle Compression

WATER CONTENT	W	12.31 %
VOID RATIO	e_0	0.80
SATURATION	S_0	42.13 %
DRY DENSITY	γ_d	93.51 PCF
WET DENSITY	γ	105.21 PCF
SPECIFIC GRAVITY	G_s	2.70
SPECIMEN DIAMETER	D_0	3.49 CM
SPECIMEN HEIGHT	H_0	7.62 CM



HYDROSTATIC COMPRESSION PHASE



HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology B-602
Contract No. DMCAS9-67-C-0021

AREA _____

BORING NO. _____ SAMPLE NO. 282

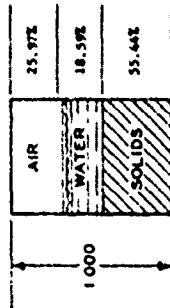
DEPTH _____ DATE _____

EL _____ PL 17 PI 19

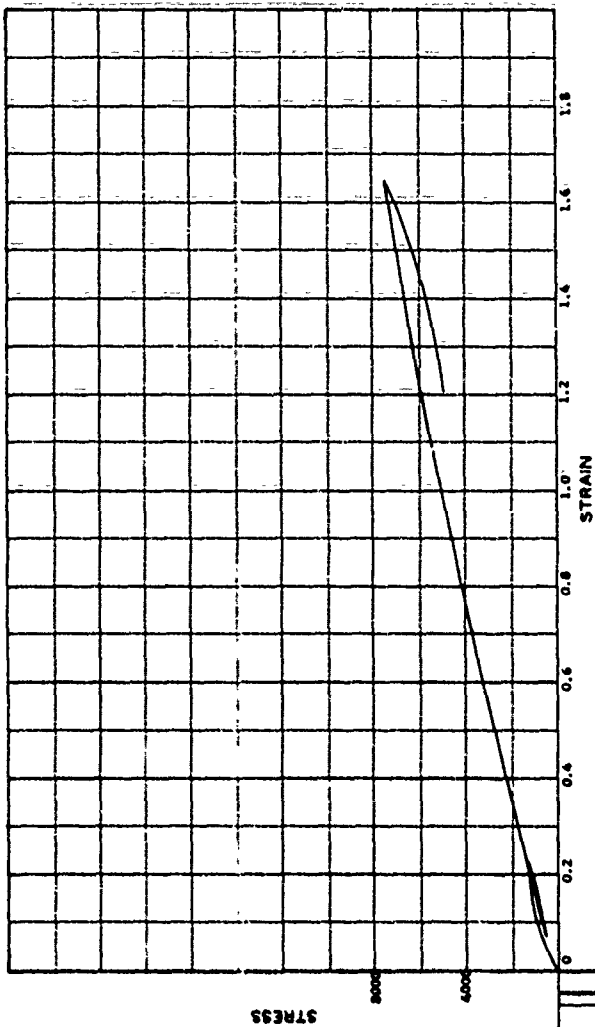
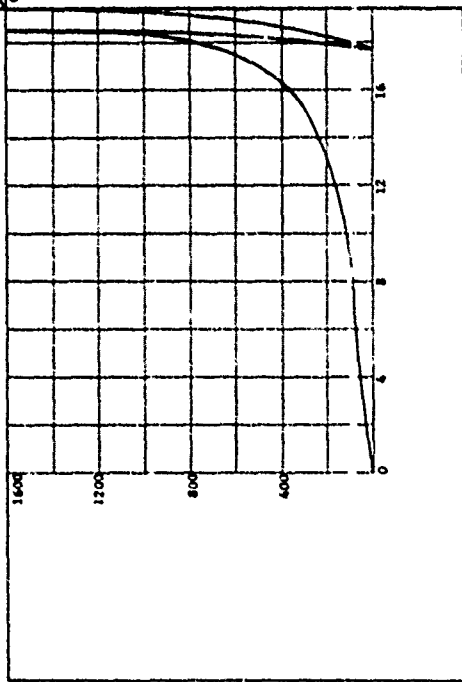
DESCRIPTION Marching Hill Clay
No Lateral Strain Triaxial Test, Initial Confining Pressure 800 psi
Cycle Shear, Cycle Compression

VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT

WATER CONTENT	W	12.42	%
VOID RATIO	e_v	0.80	
SATURATION	S_v	41.72	%
DRY DENSITY	γ_d	93.40	PCF
WET DENSITY	γ	105.00	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_0	3.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE

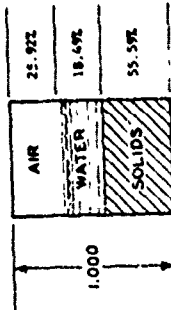


PROJECT Georgia Institute of Technology B-602
Contract No. DCA39-67-C-0031

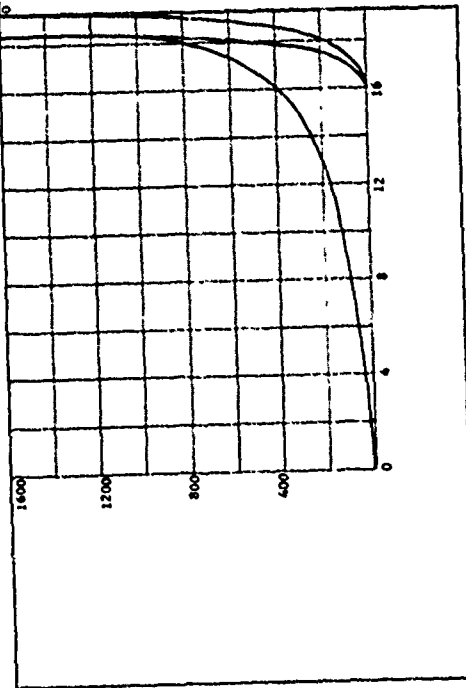
AREA _____ SAMPLE NO. 27:
BORING NO. _____ DATE _____
DEPTH _____ PL 17 PI 19
EL _____

DESCRIPTION Michigan Hill Clay
No Lateral Strain Triaxial Test, Initial Confining Pressure, 1600, psi
Cycle Shear, Cycle Compression

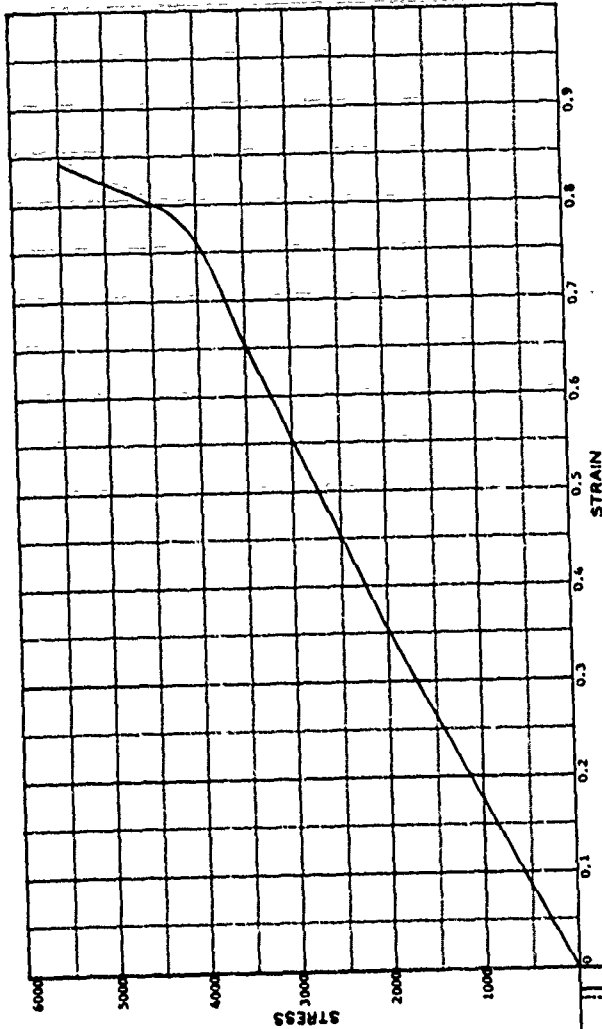
WATER CONTENT	W	12.32	%
VOID RATIO	e_0	0.80	
SATURATION	S_0	41.64	%
DRY DENSITY	γ_d	93.66	PCF
WET DENSITY	γ	105.20	PCF
SPECIFIC GRAVITY	G_s	2.70	
--- MEN DIAMETER	D_0	3.20	CM
SPECIMEN HEIGHT	H_0	7.42	CM



HYDROSTATIC COMPRESSION PHASE



VOLUMETRIC STRAIN, $\Delta V/V_0$, PERCENT



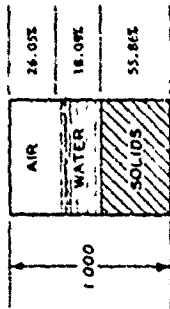
HYDROSTATIC PRESSURE, p, PSI

PROJECT Georgia Institute of Technology B-602
Contract No. DCA39-67-C-0031

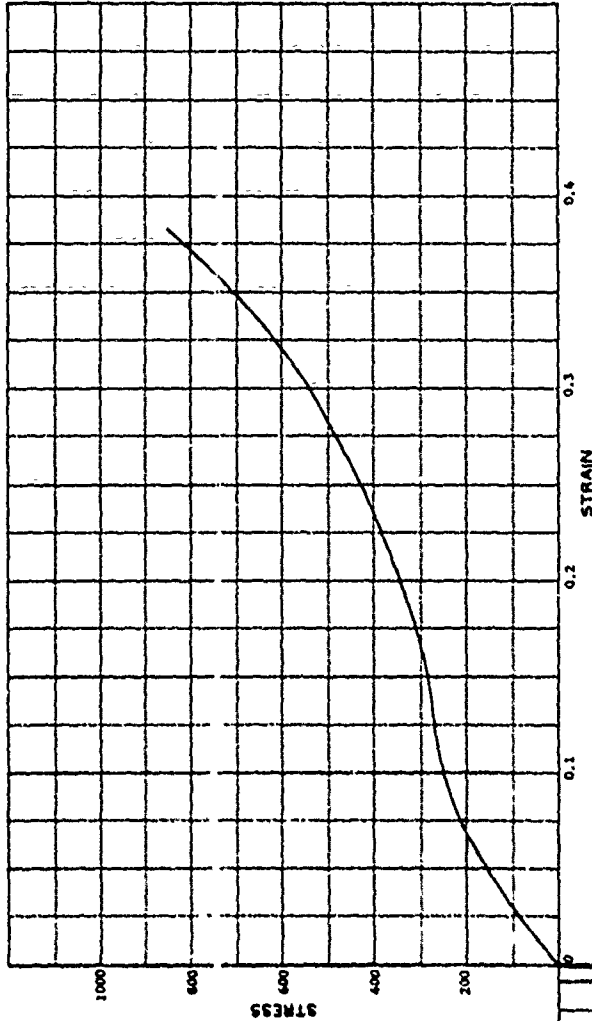
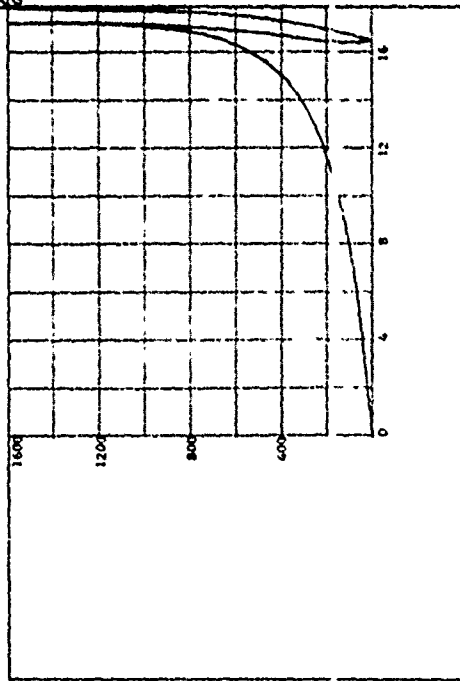
AREA _____ SAMPLE NO. 323
BORING NO. _____ DATE _____
DEPTH _____ PL 17 PL 19
EL _____

DESCRIPTION Machine Hill Clay
No Lateral Strain Triaxial Test - Initial/Confining Pressure, 1600 psi
Cycle Compression

WATER CONTENT	W	11.99	%
VOID RATIO	e_0	0.79	
SATURATION	S_0	40.98	%
DRY DENSITY	γ_d	94.11	PCF
WET DENSITY	γ	105.40	PCF
SPECIFIC GRAVITY	G_s	2.70	
SPECIMEN DIAMETER	D_c	1.50	CM
SPECIMEN HEIGHT	H_0	7.62	CM



HYDROSTATIC COMPRESSION PHASE



PROJECT Georgia Institute of Technology E-602	
Contract No. DMC39-67-C-0051	
AREA	
BORING NO.	SAMPLE NO. 324
DEPTH	DATE
EL	
LL 36	PL 17
	PI 19
DESCRIPTION Machine Mill Clay	
No Lateral Strain Triaxial Test - Initial Confining Pressure 1600 psi	
Cycle Compression	