

Sample Details

Dry-density, (mg/m³) = 1.63
Brownish Silty SAND (SW-SM)

Test Result

c = 0.0 kPa
φ = 33.7°


BH No: 1	Chainage 30+236	Sample No.: SPT-17	Depth (m): 25.50
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:



Date: 20/3/18

Checked by:



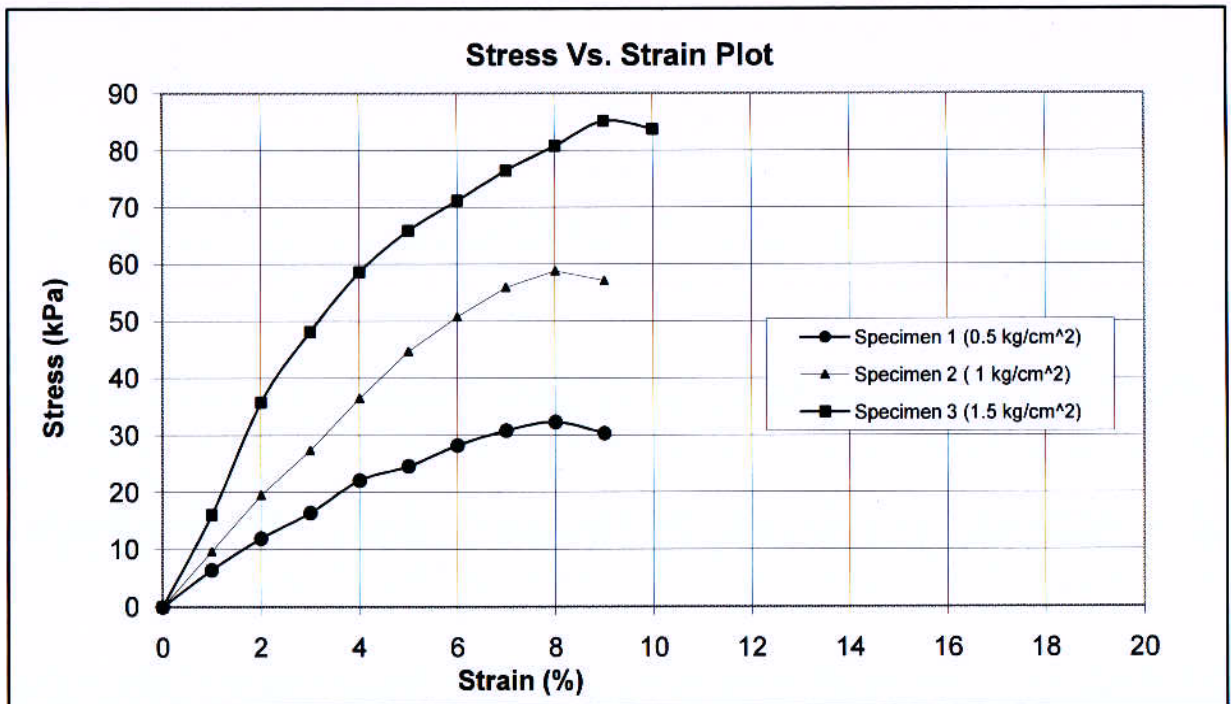
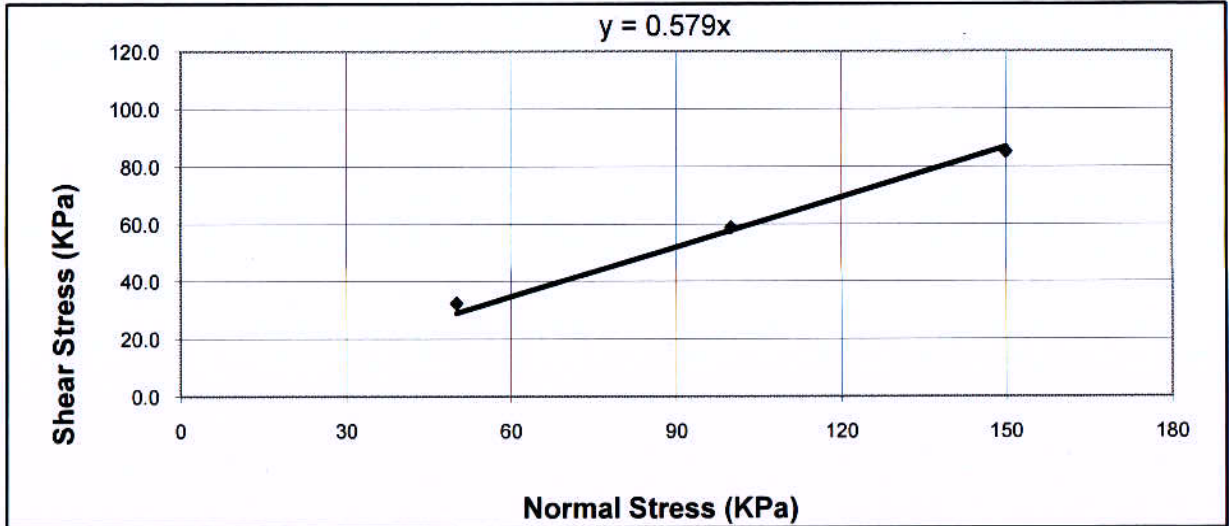
Date:

Authorised Signatory:



Date:

28/07/18



Sample Details

Dry-density, (mg/m³) = 1.62
Brownish Silty SAND (SM)

Test Result

$c = 0.0$ kPa
 $\phi = 30.1^\circ$

BH No: 1	Chainage 31+820	Sample No.: SPT-1	Depth (m): 1.50
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:

(Signature)

Date: 20/3/16

Checked by:

(Signature)

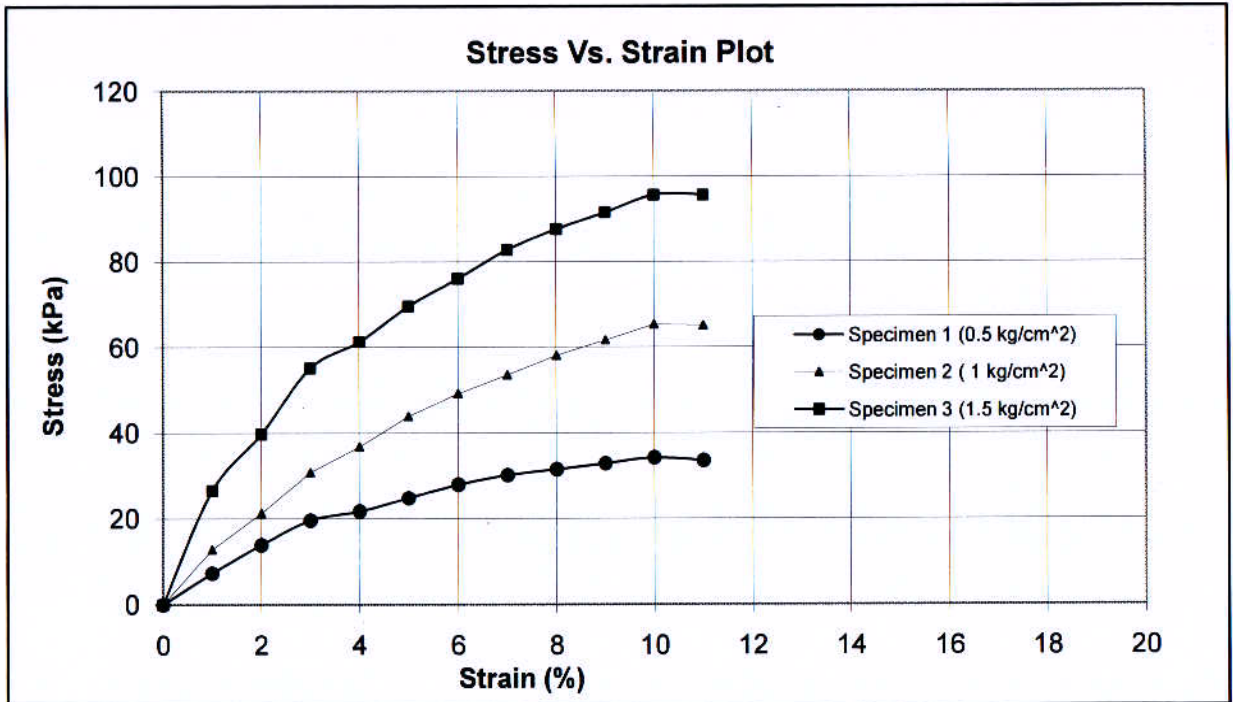
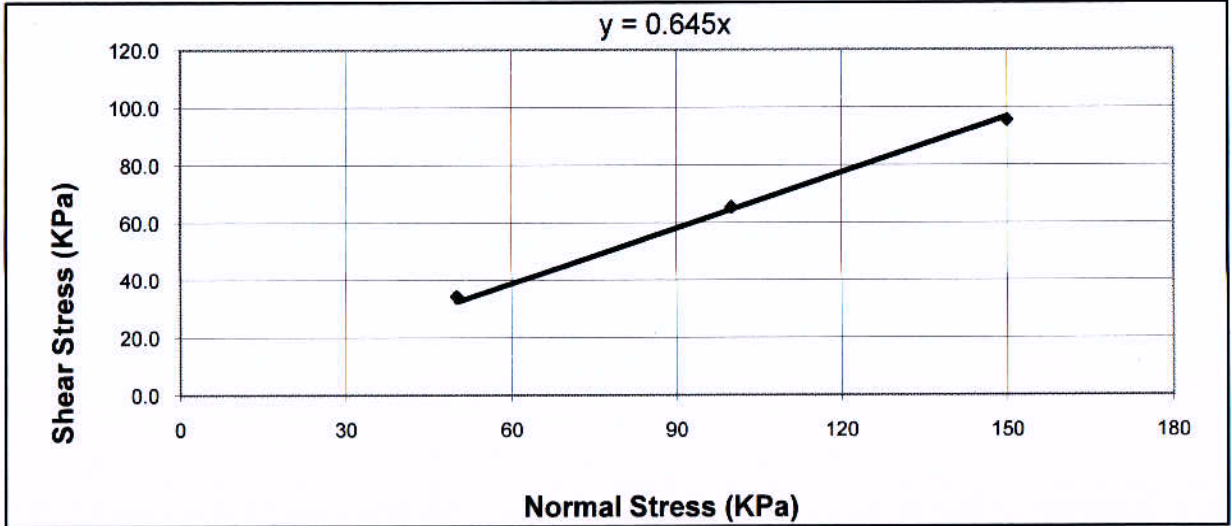
Date: 28/3/16

Authorised Signatory:

(Signature)

Date: 27/3/16

DIRECT SHEAR TEST RESULT
I.S.: 2720 : PART XIII



Sample Details

Dry-density, (mg/m³) = 1.66
Brownish Silty SAND (SW-SM)

Test Result

$c = 0.0$ kPa
 $\phi = 32.8^\circ$

BH No: 1	Chainage 31+820	Sample No.: SPT-17	Depth (m): 25.50
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:

Date: 20/3/16

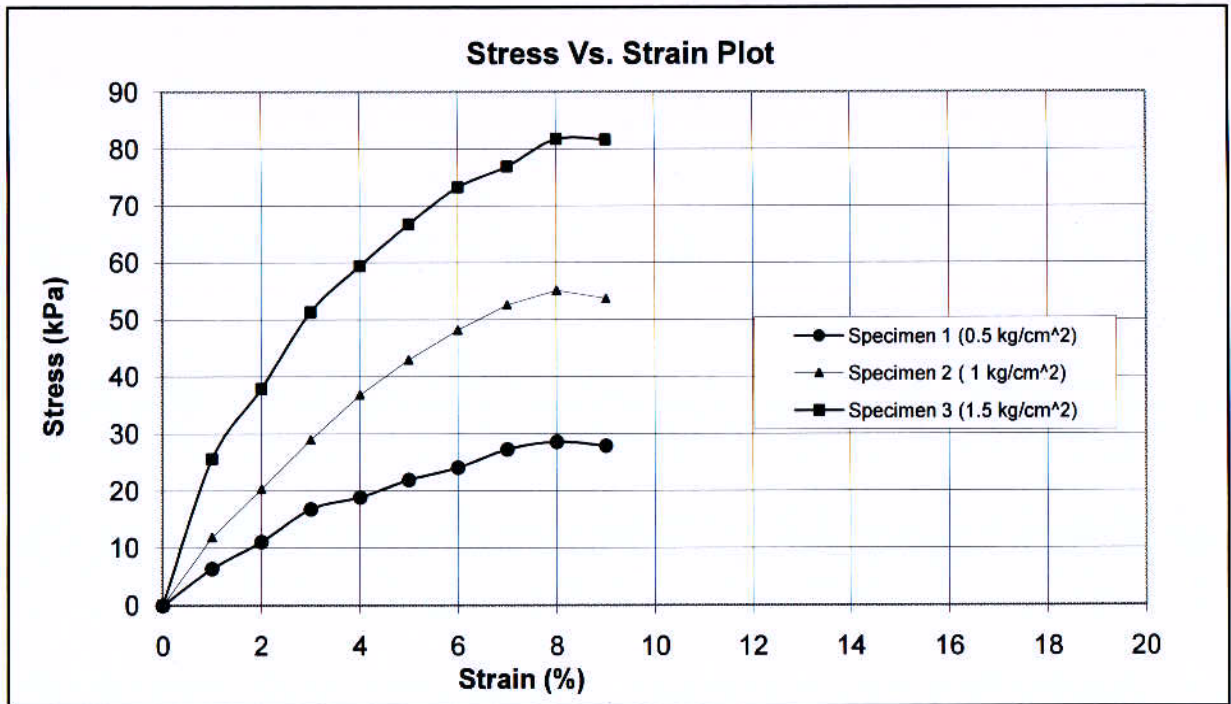
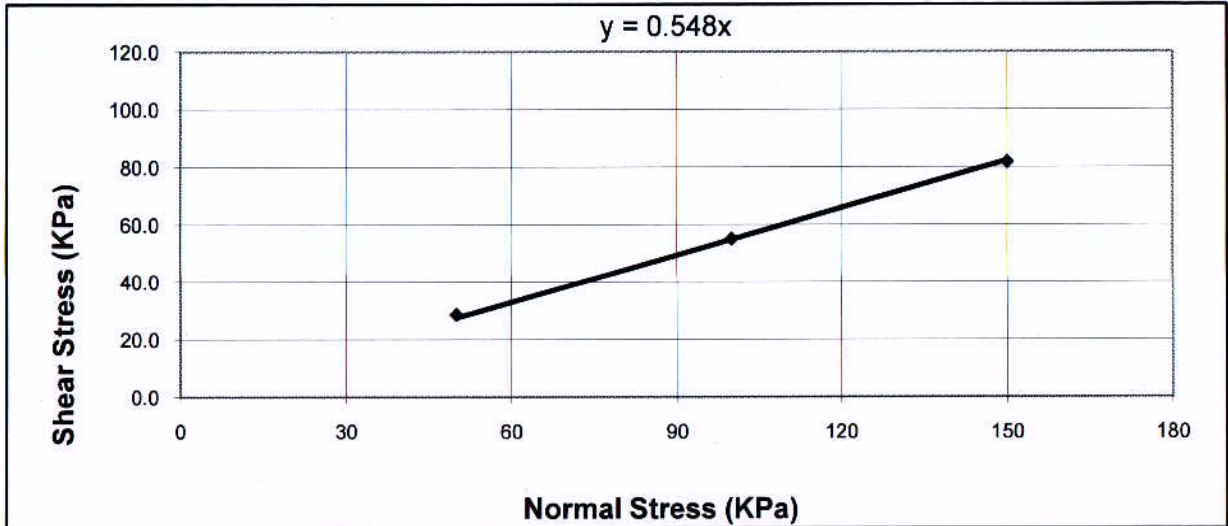
Checked by:

Date: 28/3/16

Authorised Signatory:

Date: 28/3/16

DIRECT SHEAR TEST RESULT
I.S.: 2720 : PART XIII






Sample Details

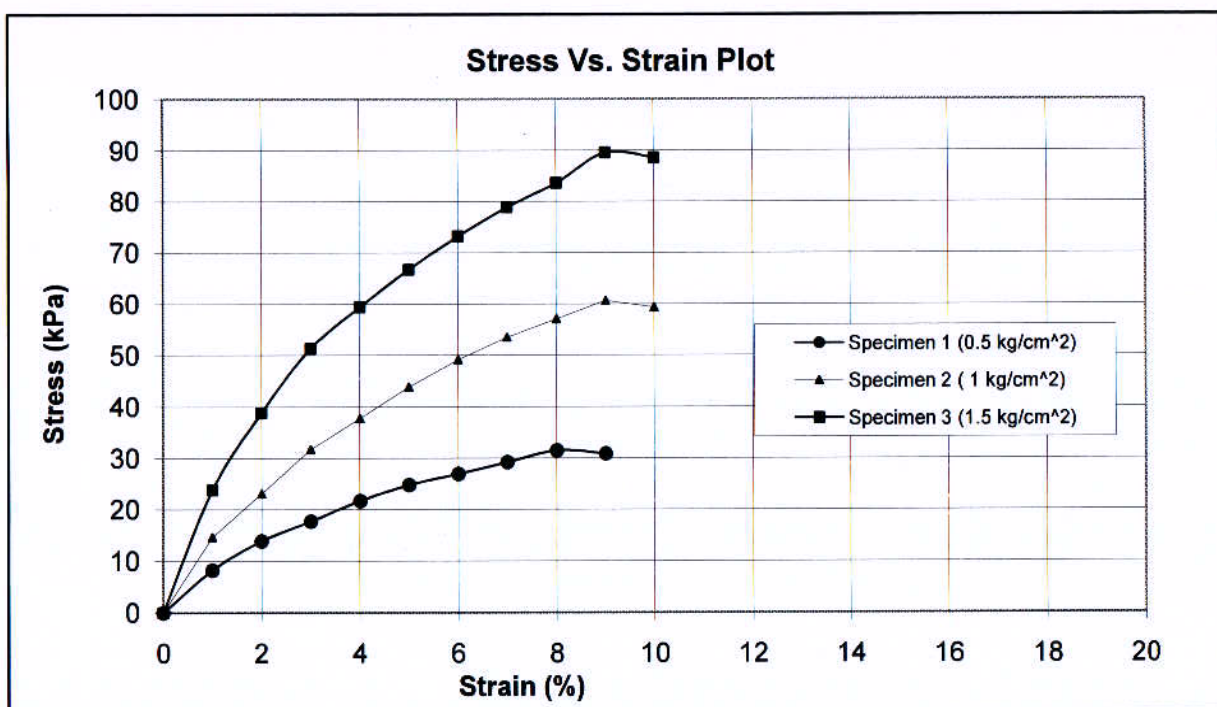
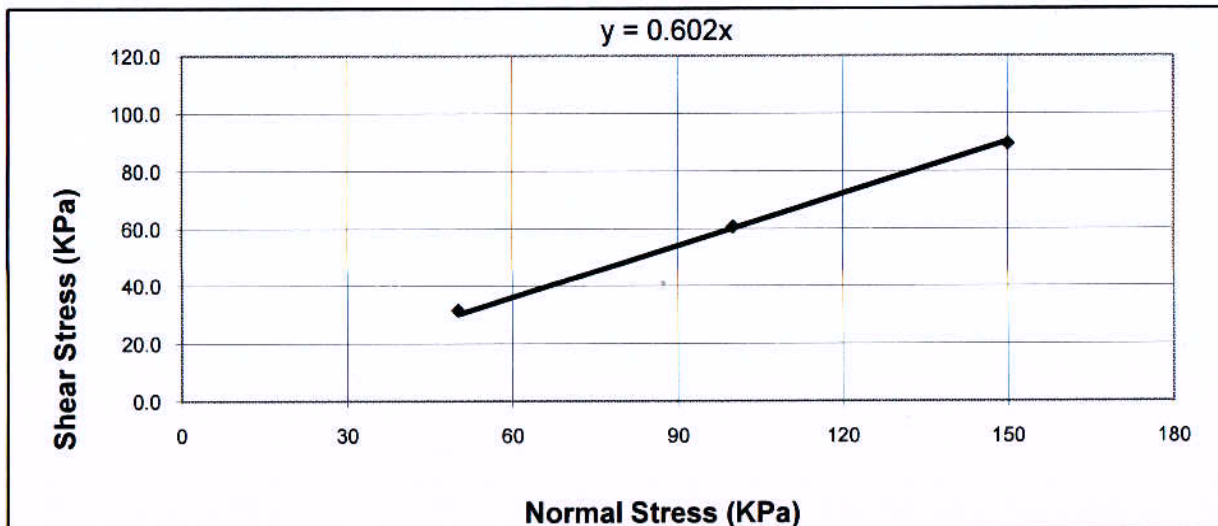
Dry-density, (mg/m³) = 1.47
Brownish Sandy SILT (ML)

Test Result

$c = 0.0$ kPa
 $\phi = 28.7^\circ$

BH No: 1	Chainage 33+310	Sample No.: UDS-1	Depth (m): 2.00
Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342		Test Report No: XPL/2015-16/02

Tested by:  Date: 21/3/16	Checked by:  Date: 28/3/16	Authorised Signatory:  Date: 27/3/16
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Sample Details

Dry-density, (mg/m³) = 1.70
Brownish Silty SAND (SM)

Test Result

$c = 0.0$ kPa
 $\phi = 31.0^\circ$

BH No: 1	Chainage 33+310	Sample No.: SPT-6	Depth (m): 9.00
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:

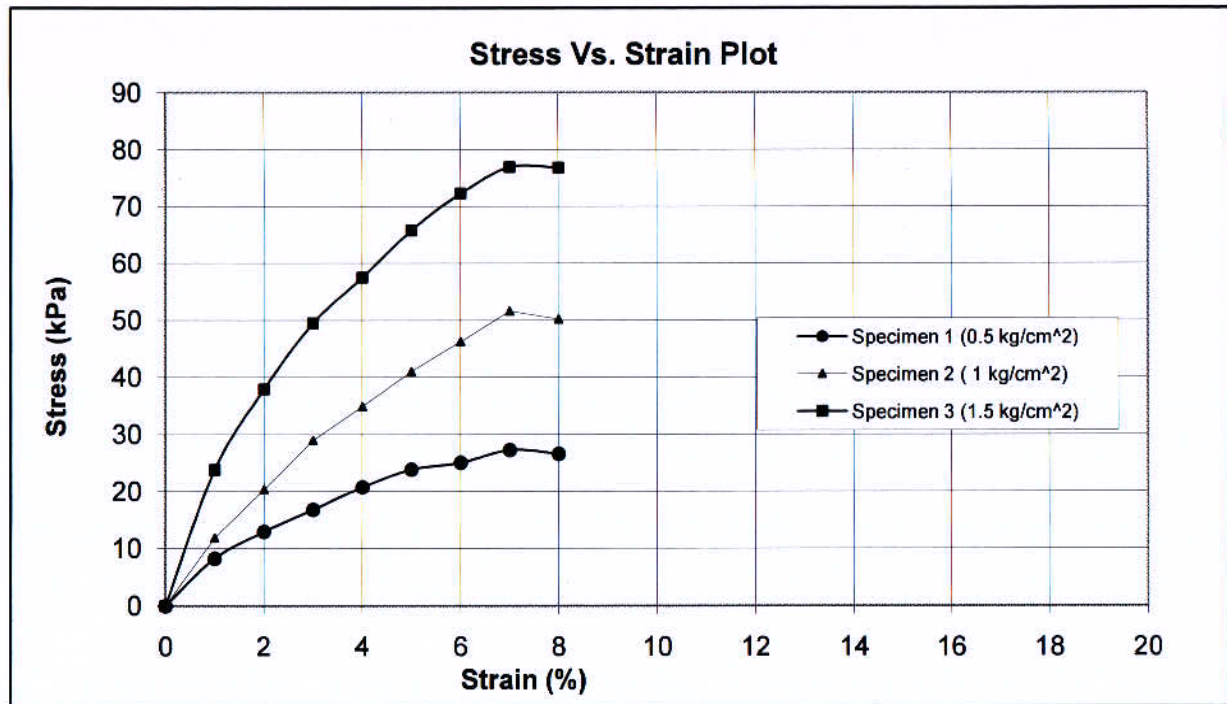
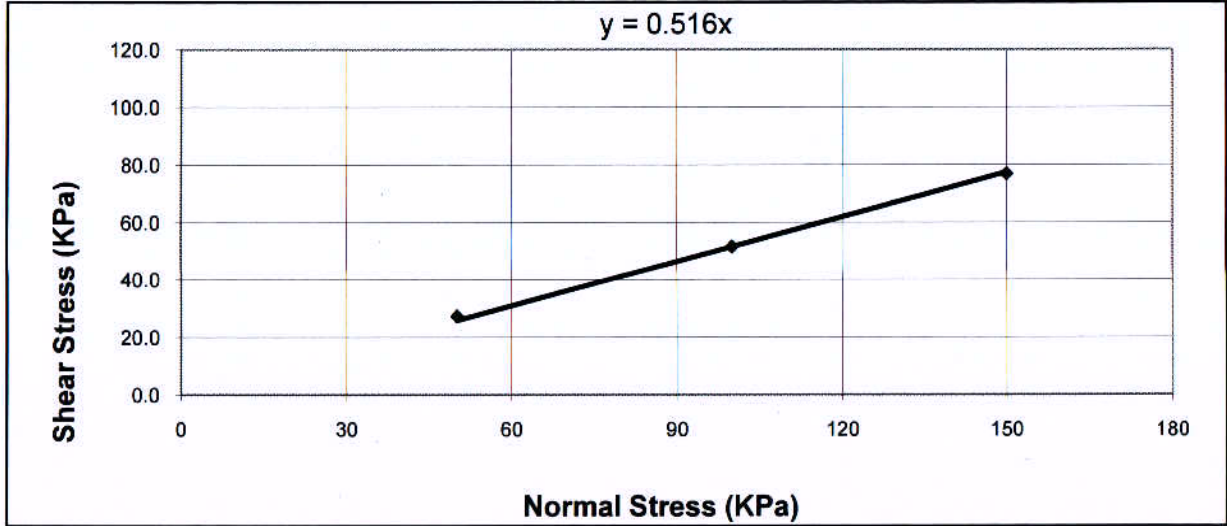
Date: 20/3/16

Checked by:

Date: 20/3/16

Authorised Signatory:

Date: 20/3/16



Sample Details

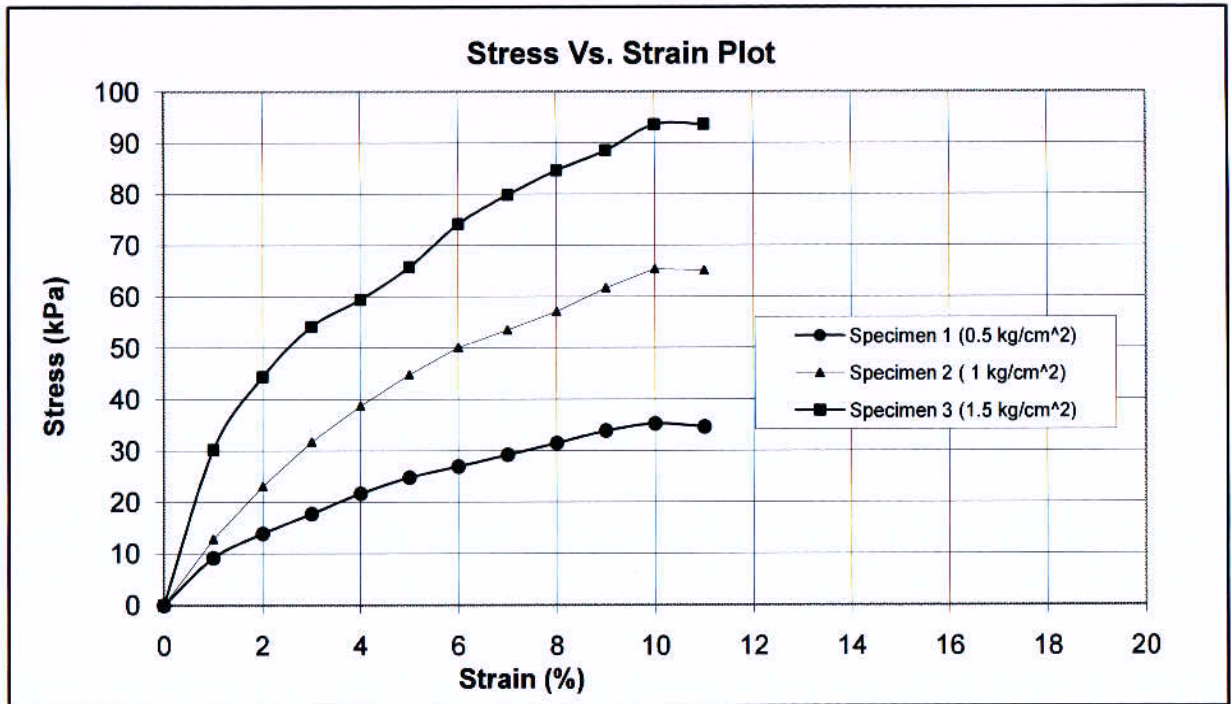
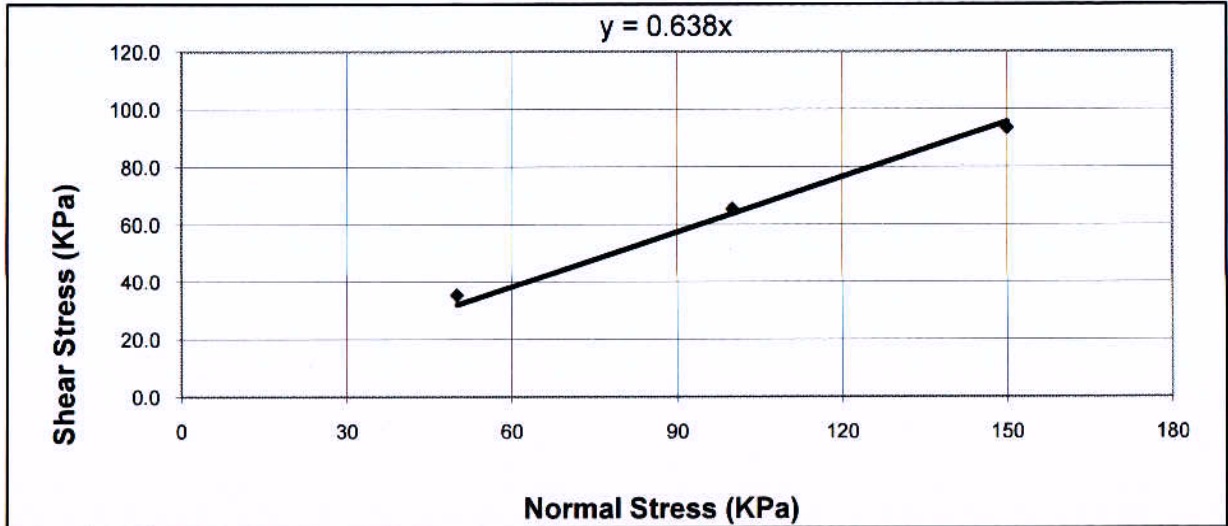
Dry-density, (mg/m³) = 1.73
Brownish Sandy SILT (ML)

Test Result

$c = 0.0$ kPa
 $\phi = 27.3^\circ$

BH No: 1	Chainage 34+920	Sample No.: UDS-1	Depth (m): 2.00
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:	Checked by:	Authorised Signatory:
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16



Sample Details

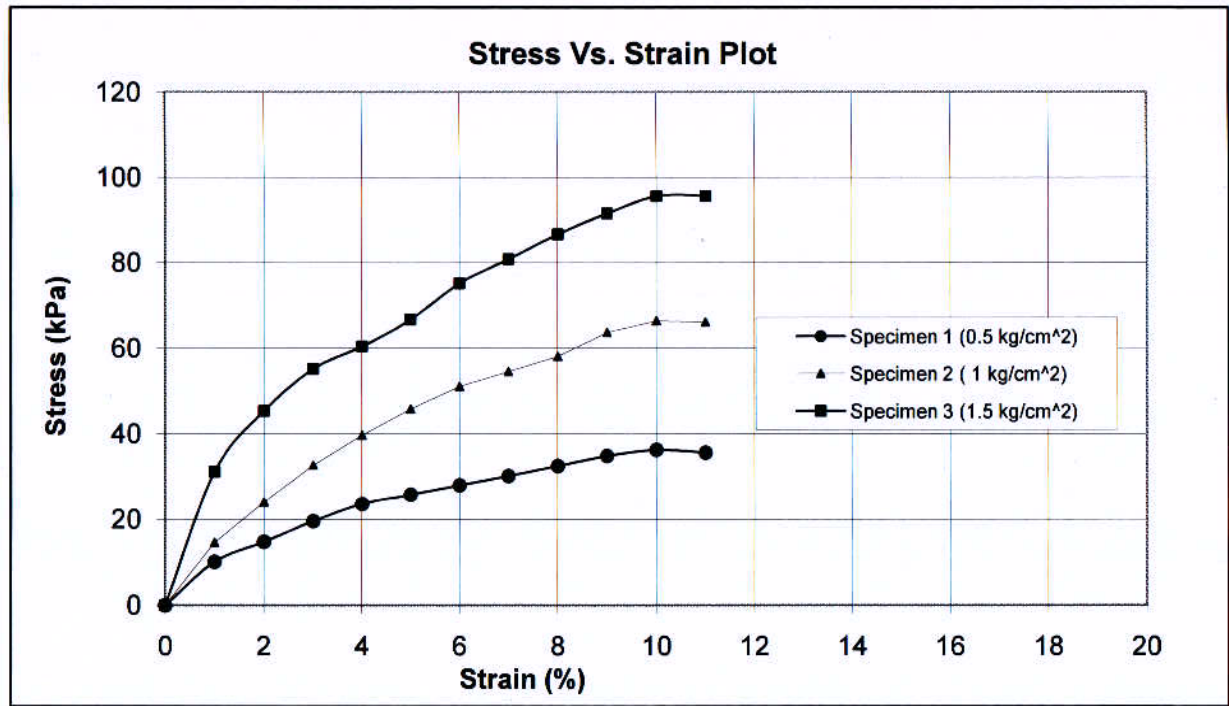
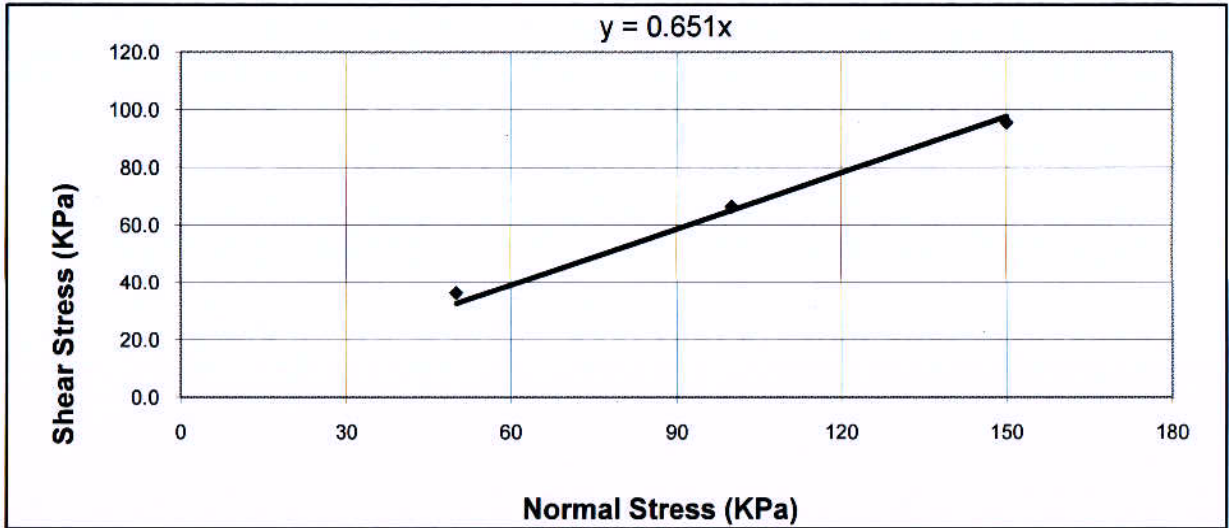
Dry-density, (mg/m³) = 1.70
Brownish Silty SAND (SW-SM)

Test Result

$c = 0.0$ kPa
 $\phi = 32.5^\circ$

BH No: 1	Chainage 34+920	Sample No.: SPT-8	Depth (m): 12.00
Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342		Test Report No: XPL/2015-16/02

Tested by: 	Checked by: 	Authorised Signatory:
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16






Sample Details

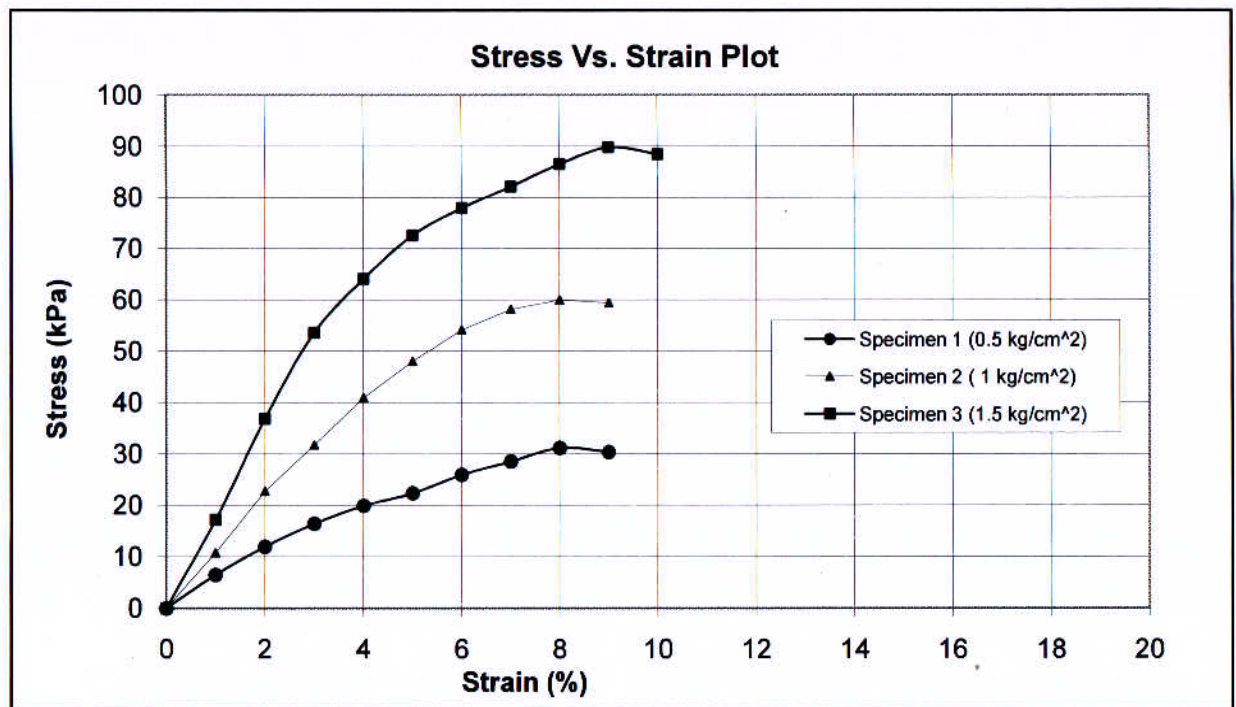
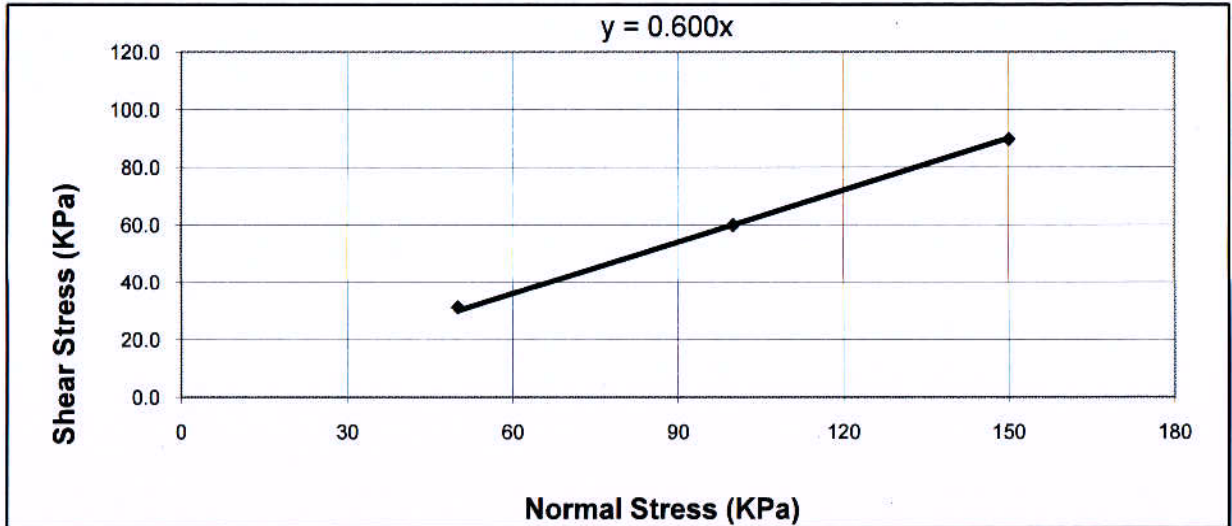
Dry-density, (mg/m³) = 1.72
Brownish Silty SAND (SW-SM)

Test Result

$c = 0.0$ kPa
 $\phi = 33.1^\circ$

BH No: 1	Chainage 34+920	Sample No.: SPT-17	Depth (m): 25.50
Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342		Test Report No: XPL/2015-16/02

Tested by:  Date: 21/3/16	Checked by:  Date: 28/3/16	Authorised Signatory:  Date: 28/07/16
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Sample Details

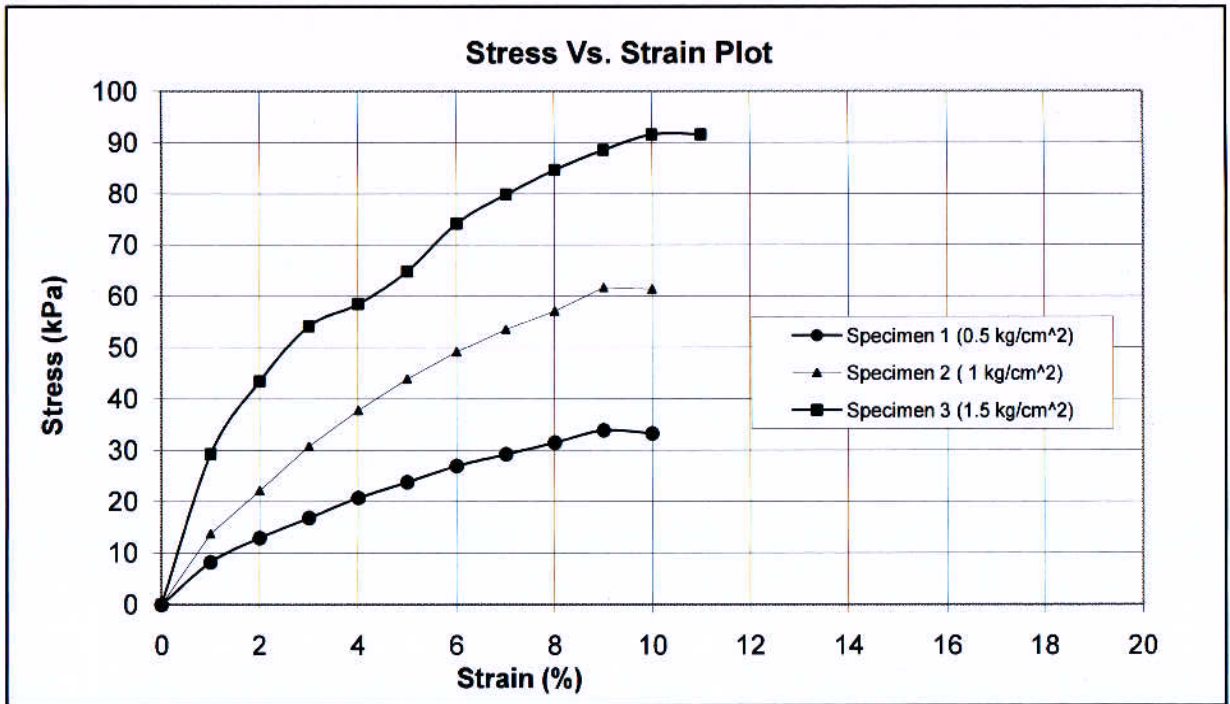
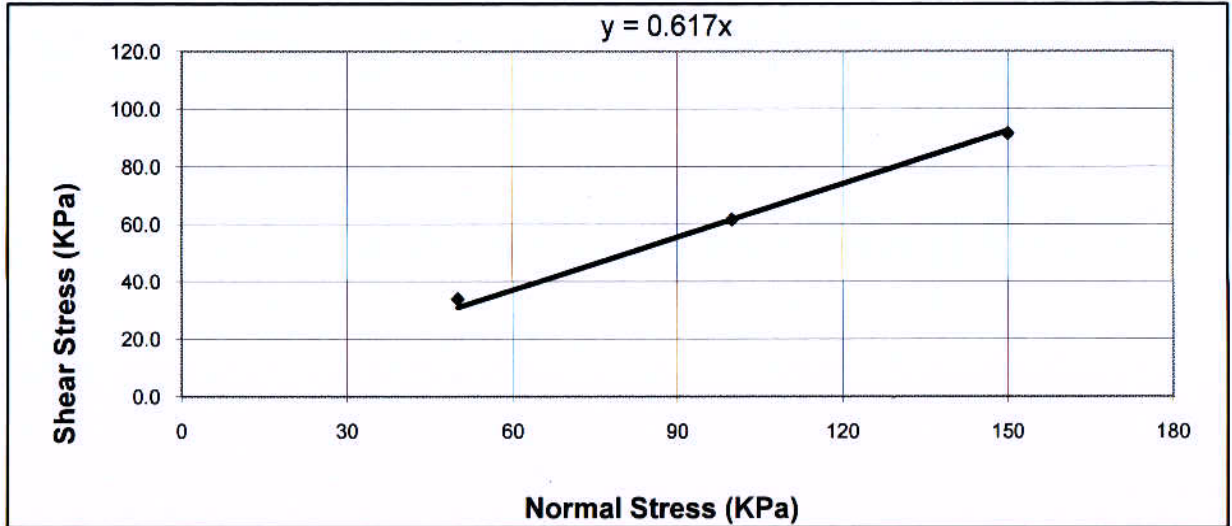
Dry-density, (mg/m³) = 1.64
Brownish Silty SAND (SM)

Test Result

$c = 0.0$ kPa
 $\phi = 31.0^\circ$

BH No: 1	Chainage 36+585	Sample No.: SPT-1	Depth (m): 1.50
Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342		Test Report No: XPL/2015-16/02

Tested by:  Date: 21/3/16	Checked by:  Date: 22/3/16	Authorised Signatory:  Date: 22/3/16
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Sample Details

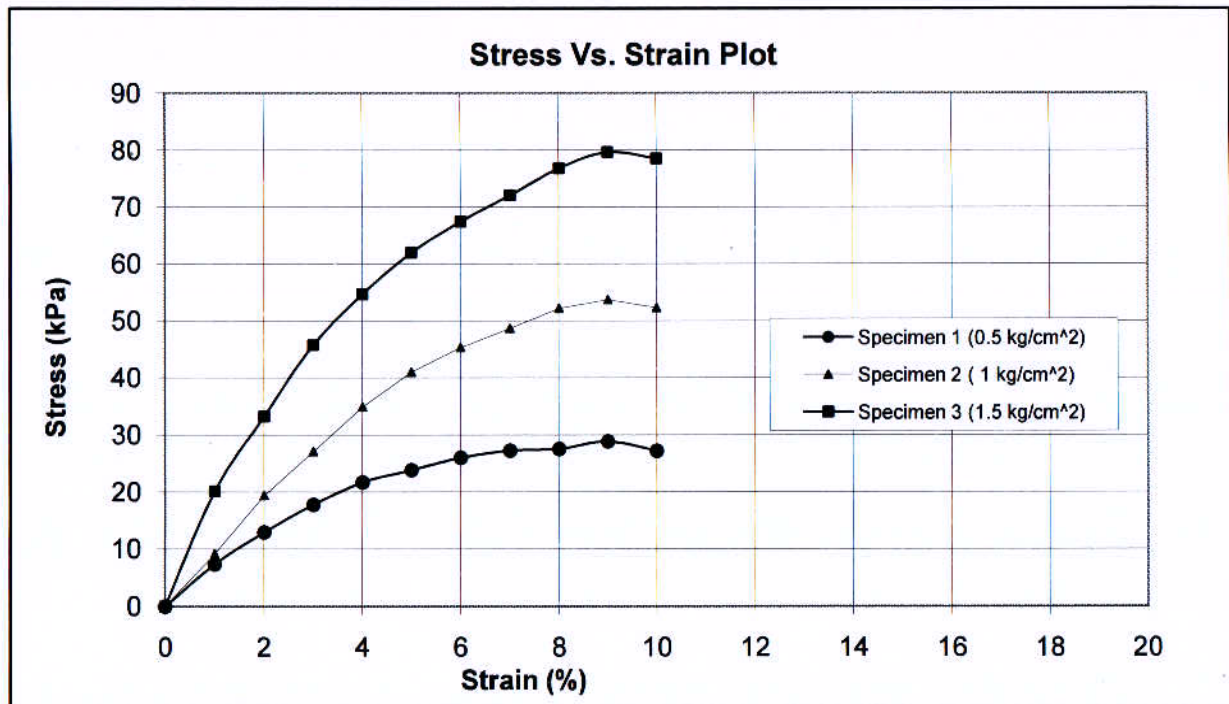
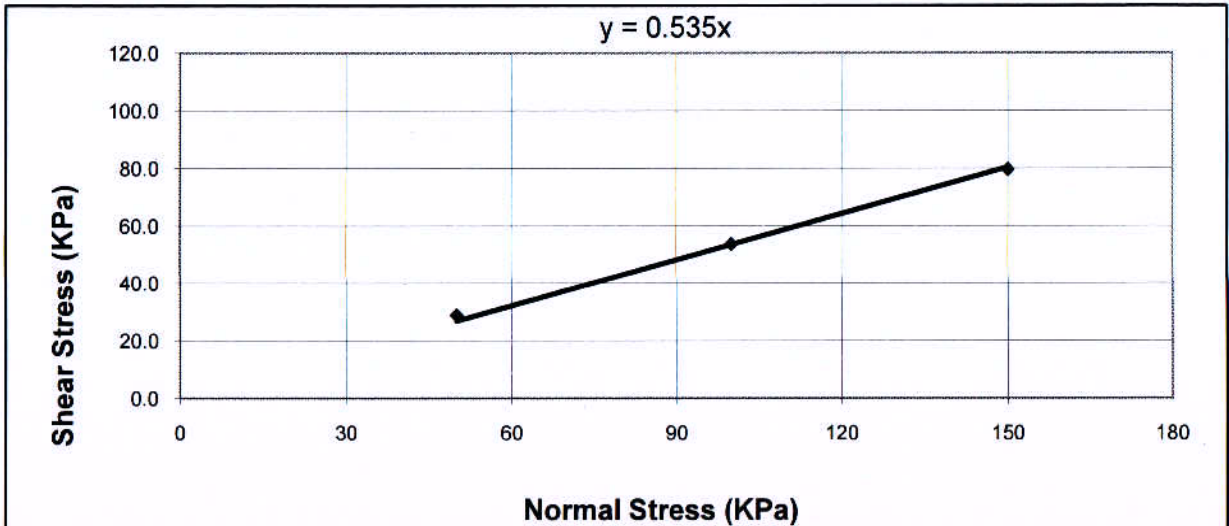
Dry-density, (mg/m³) = 1.71
Brownish Silty SAND (SW-SM)

Test Result

$c = 0.0$ kPa
 $\phi = 31.7^\circ$

BH No: 1	Chainage 36+585	Sample No.: SPT-8	Depth (m): 12.00
Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342		Test Report No: XPL/2015-16/02

Tested by: 	Checked by: 	Authorised Signatory:
Date: 21/3/16	Date: 24/3/16	Date: 28/3/16



Sample Details

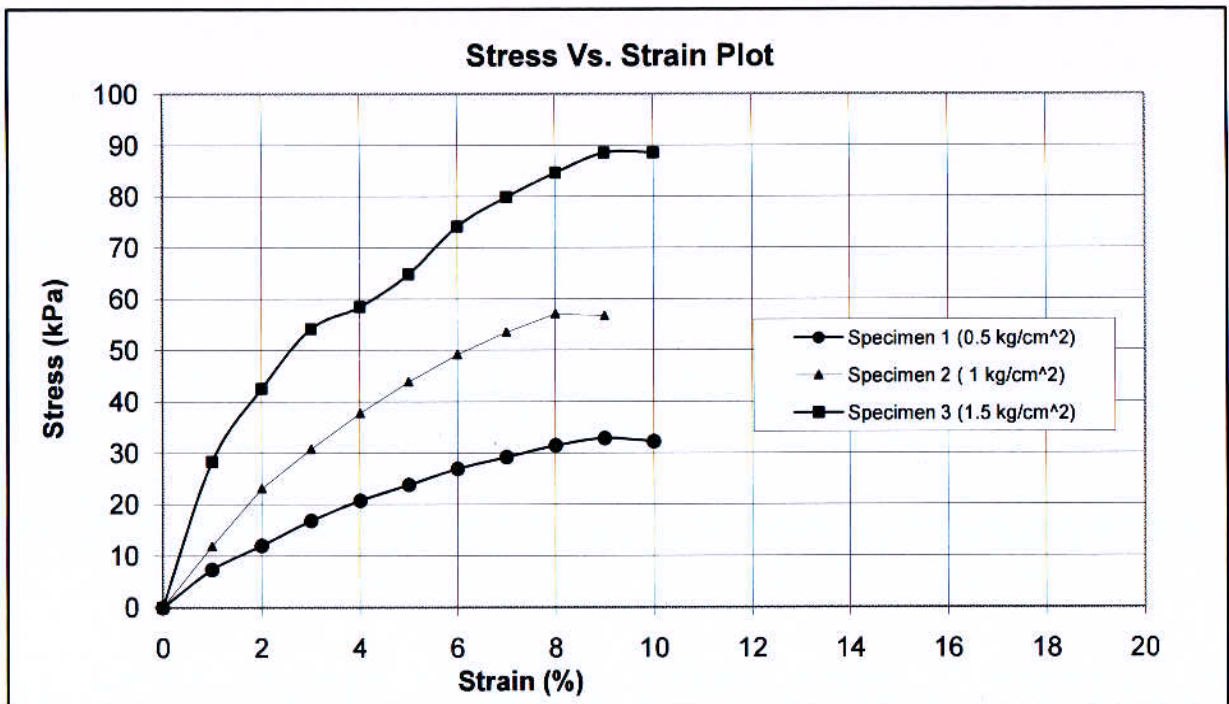
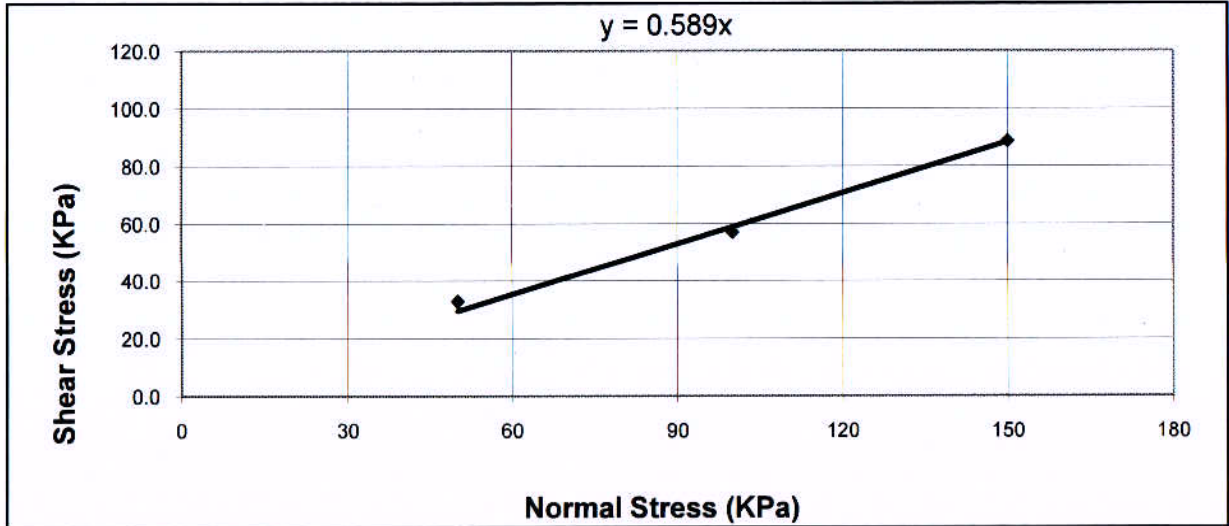
Dry-density, (mg/m³) = 1.59
Brownish Sandy SILT (ML)

Test Result

$c = 0.0$ kPa
 $\phi = 28.1^\circ$

BH No: 2	Chainage 36+585	Sample No.: SPT-1	Depth (m): 1.50
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by: 	Checked by: 	Authorised Signatory:
Date: 21/3/18	Date: 28/3/18	Date: 28/3/18



Sample Details

Dry-density, (mg/m³) = 1.61

Brownish Sandy SILT (ML)

Test Result

$c = 0.0$ kPa

$\phi = 30.5^\circ$

BH No: 2	Chainage 36+585	Sample No.: UDS-7	Depth (m): 20.00
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:

(Signature)

Date: 21/3/16

Checked by:

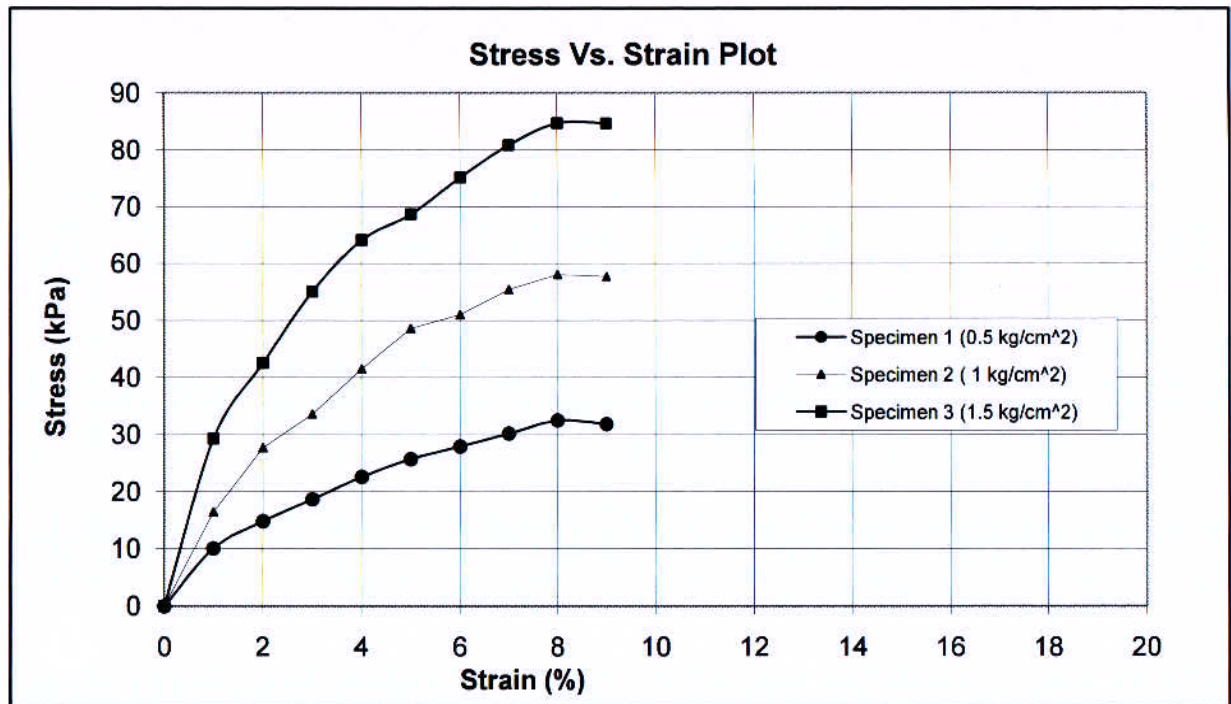
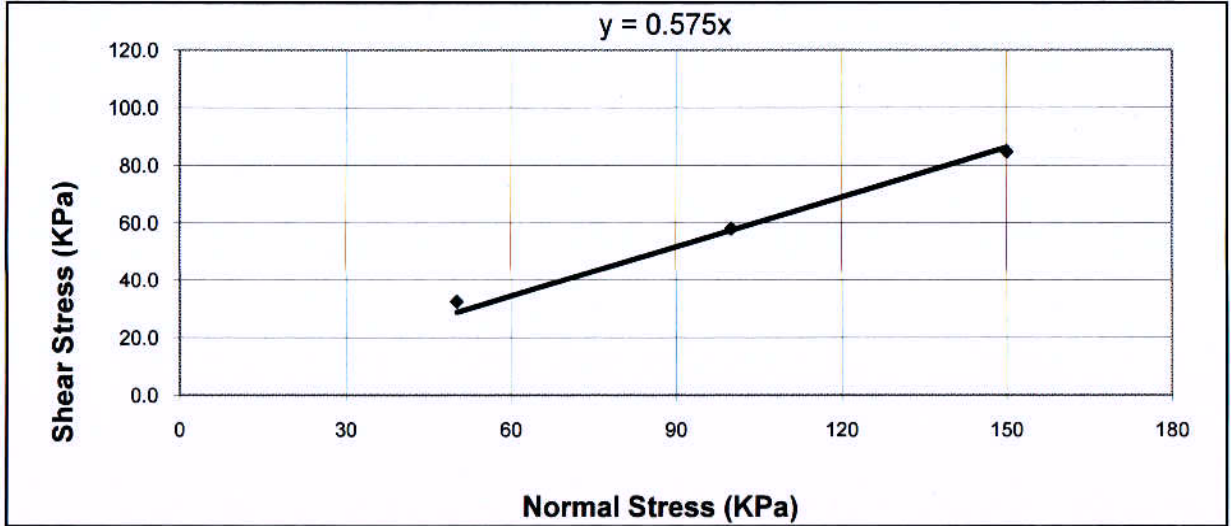
(Signature)

Date: 28/3/16

Authorised Signatory:

(Signature)

Date: 28/3/16






Sample Details

Dry-density, (mg/m³) = 1.58
Brownish Sandy SILT (ML)

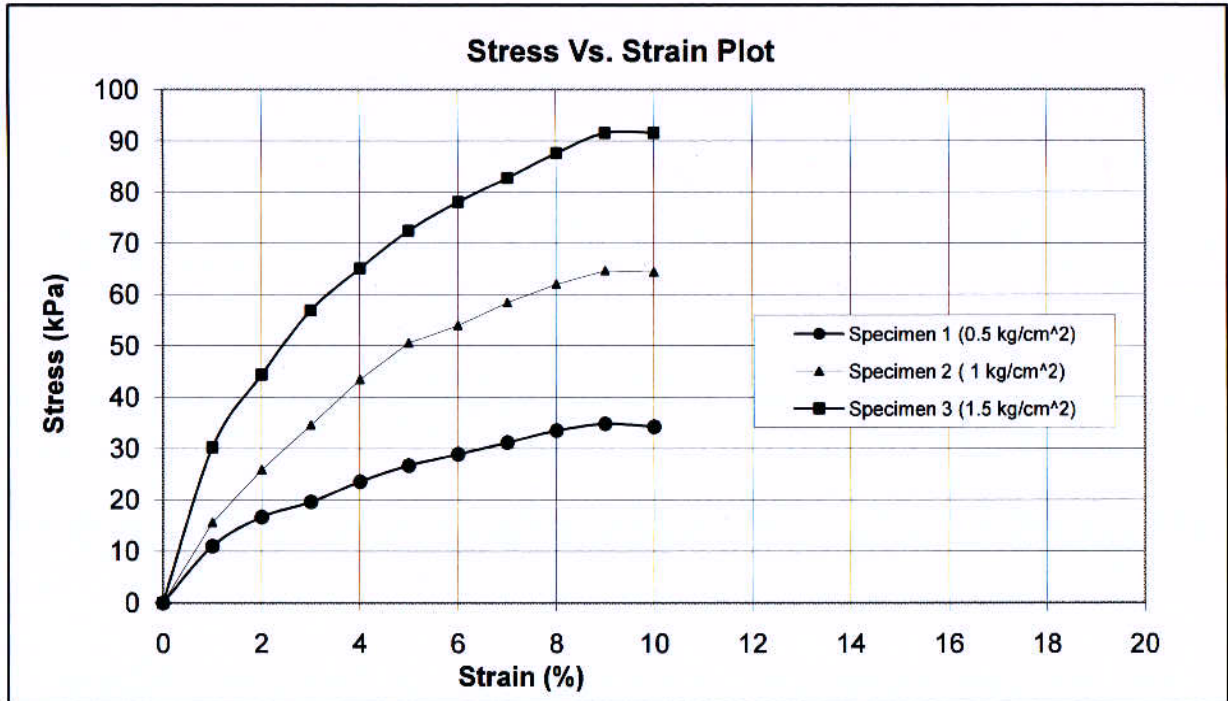
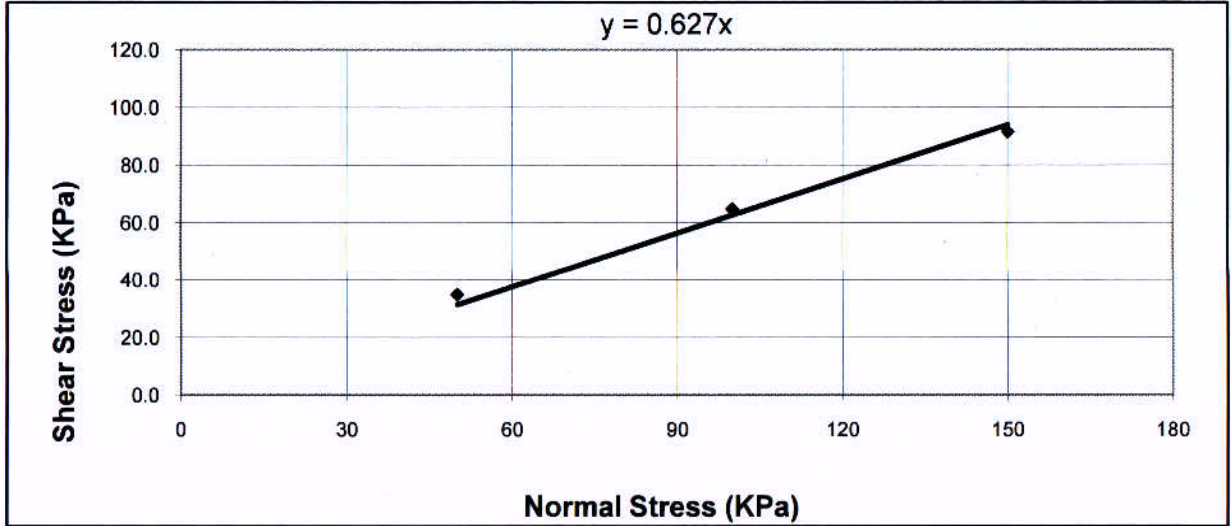
Test Result

$c = 0.0$ kPa
 $\phi = 29.9^\circ$

BH No: 1	Chainage 38+930	Sample No.: UDS-1	Depth (m): 2.00
Site Ref: Muzaffarnagar to Saharanpur		Job No : 1342	
Test Report No: XPL/2015-16/02			

Tested by: 	Checked by: 	Authorised Signatory: 
Date: 22/3/16	Date: 28/3/16	Date: 28/07/14

DIRECT SHEAR TEST RESULT
I.S.: 2720 : PART XIII



Sample Details

Dry-density, (mg/m³) = 1.75
Brownish Silty SAND (SW-SM)

Test Result

$c = 0.0$ kPa
 $\phi = 32.1^\circ$

BH No: 1	Chainage 38+930	Sample No.: SPT-17	Depth (m): 25.00
Site Ref: Muzaffarnagar to Saharanpur		Job No: 1342	
Test Report No: XPL/2015-16/02			

Tested by:

(Signature)

Date: 22/3/16

Checked by:

(Signature)

Date: 28/3/16

Authorised Signatory:

(Signature)

Date: 28/3/16

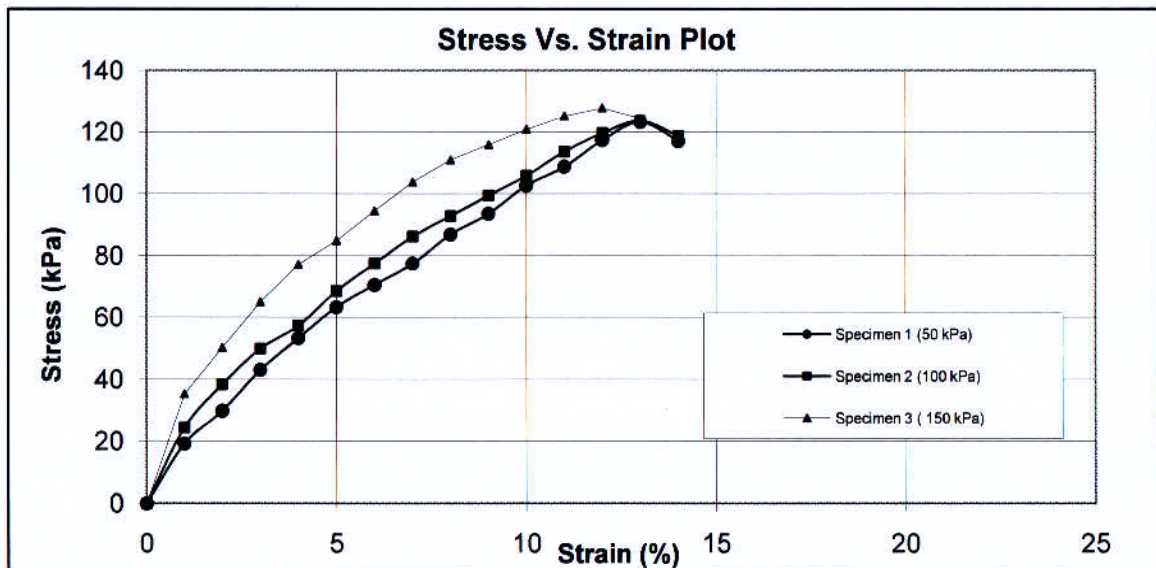
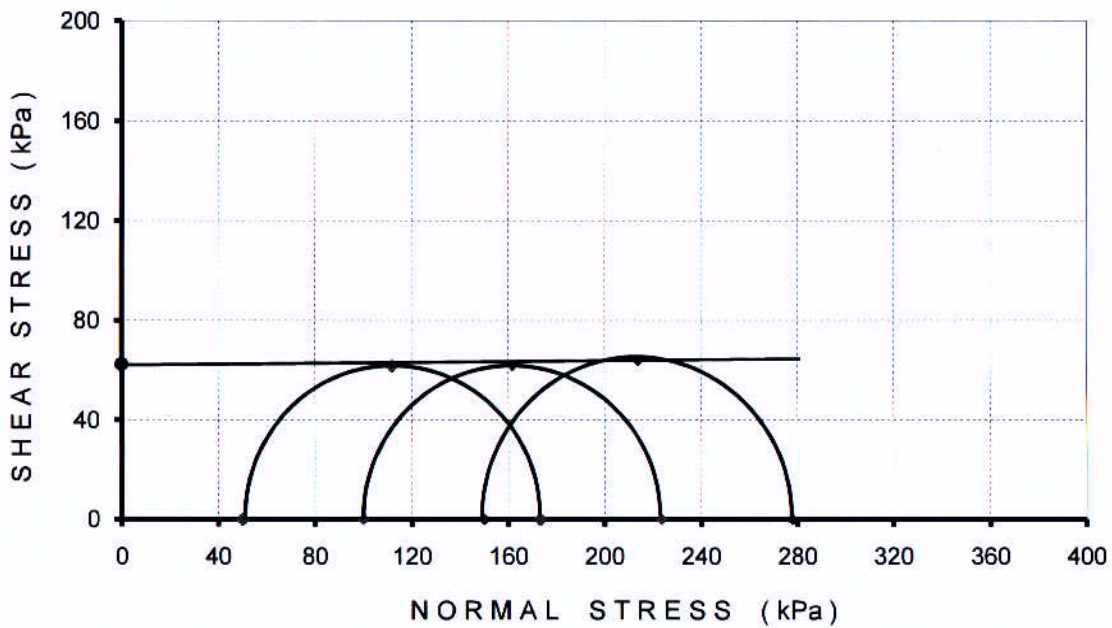
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.94	1.58	24.60

c Value kPa	ϕ Value Degree
62	0.0

'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-3 Depth (m) :- 8.00
CH (Km.):- 2010 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No: XPL/2015-16/02

Operator :
Date : 22/3/16

Checked by
Date: 28/3/16

Authorised Signatory:
Date: 28/3/16

UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

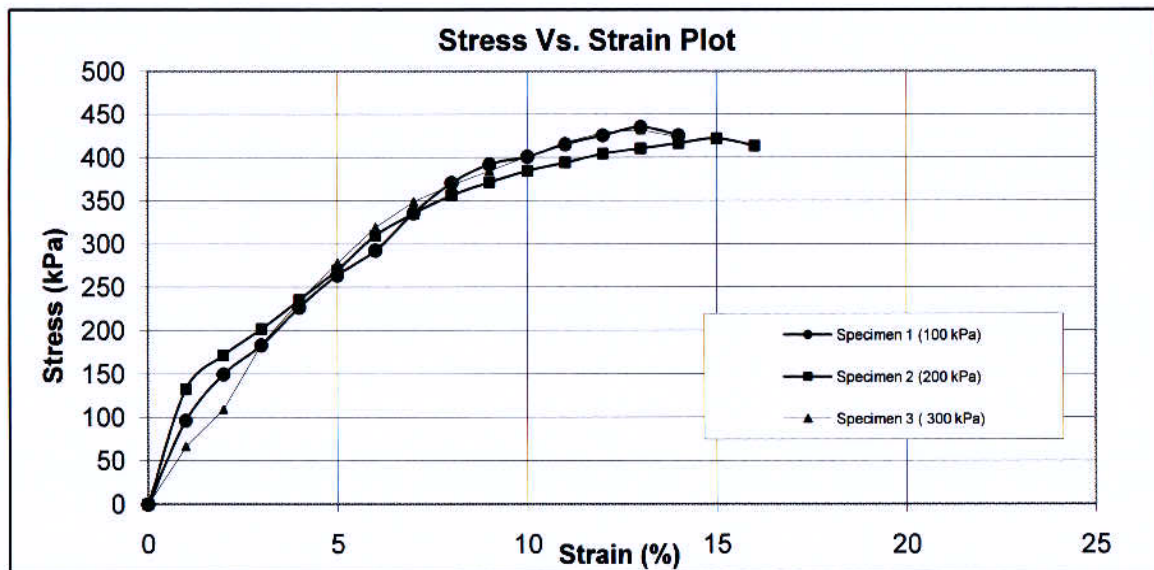
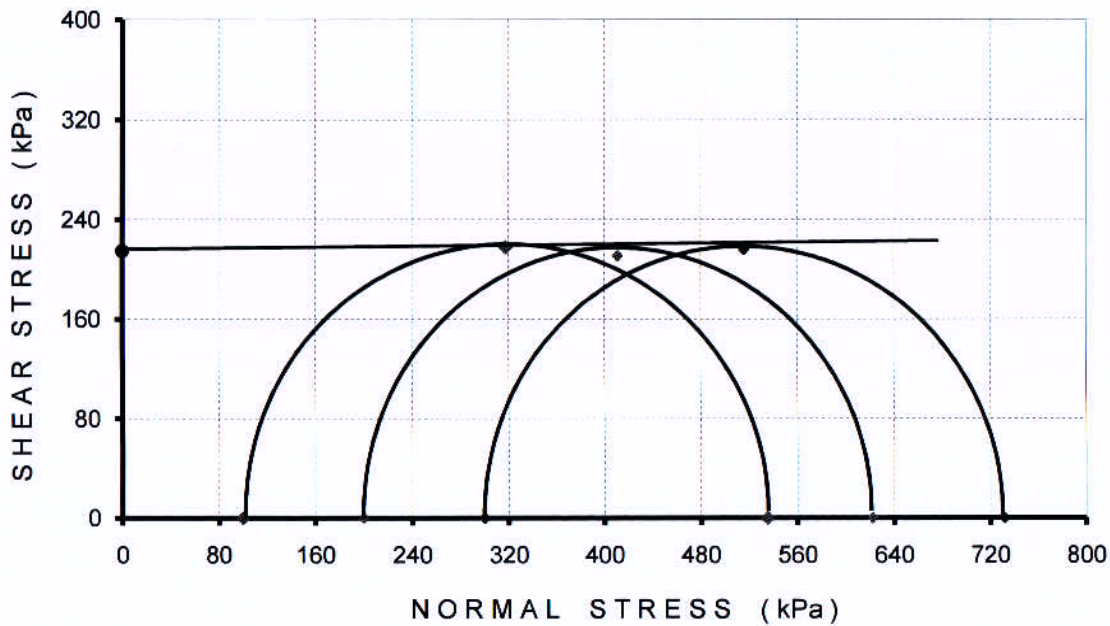
CERTIFICATE NO-T-1678

IS: 2720 , PART-11

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.94	1.49	31.60

c Value kPa	ϕ Value Degree
215	0.0

'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-9 Depth (m) :- 26.00
CH (Km):- 2010 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No:XPL/2015-16/02

Operator :
(Signature)
Date : 22/3/16

Checked by
(Signature)
Date: 28/3/16

Authorised Signatory:
(Signature)
Date: 28/07/16

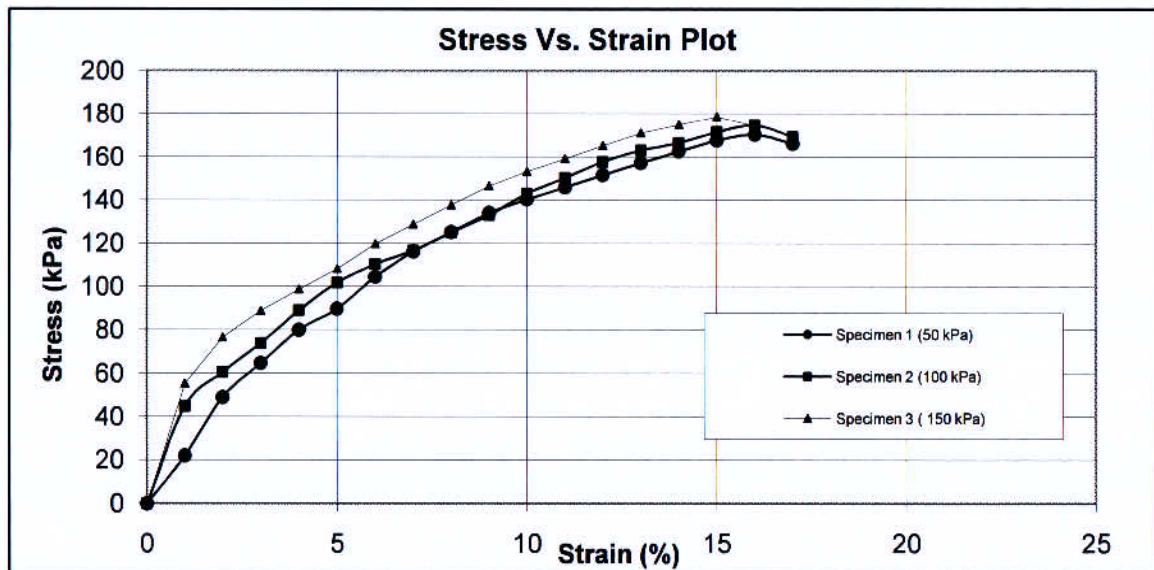
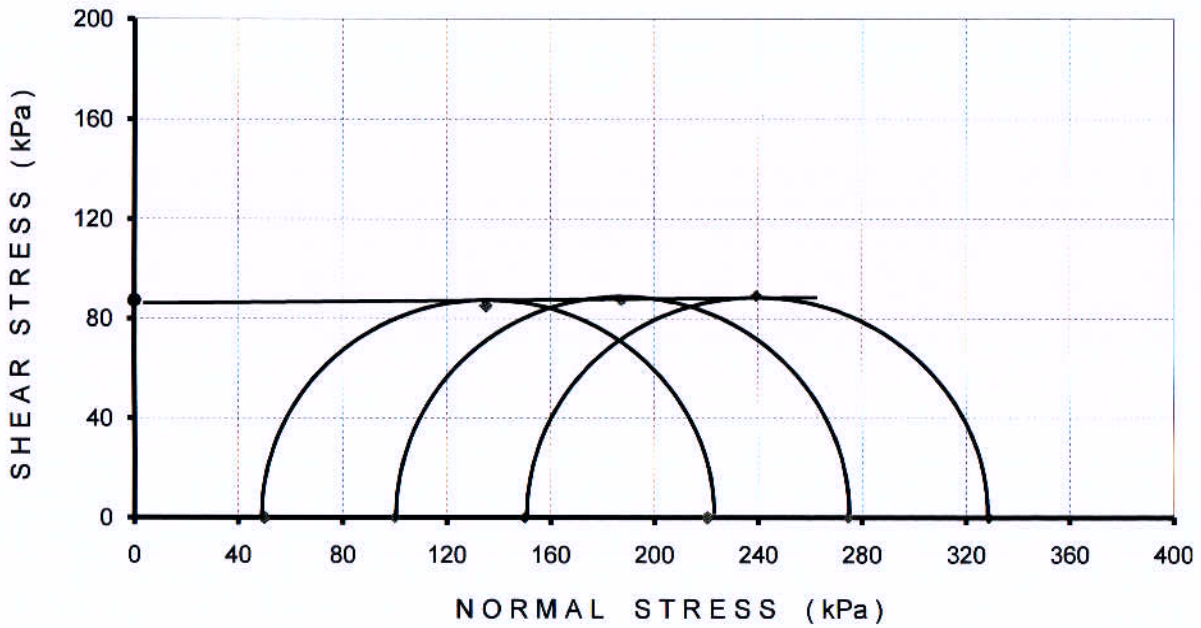
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.89	1.55	22.10

c Value kPa	ϕ Value Degree
87	0.0

'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-4 Depth (m) :- 11.00
CH (Km):- 5322 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No: XPL/2015-16/02

Operator :
(Signature)
Date : 23/3/16

Checked by
(Signature)
Date: 28/3/16

Authorised Signatory:
(Signature)
Date: 28/3/16

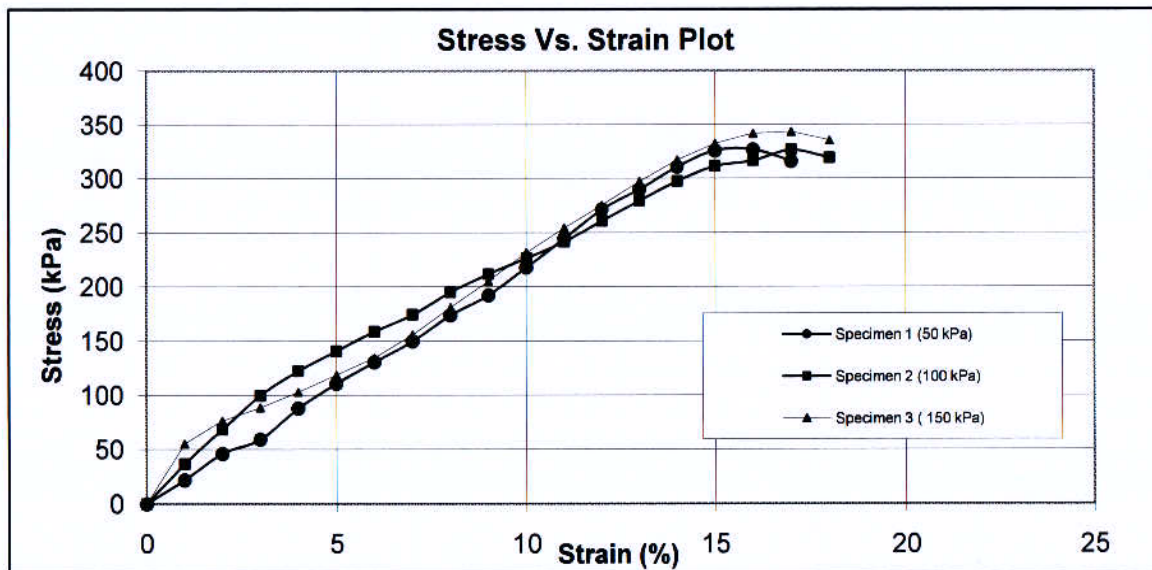
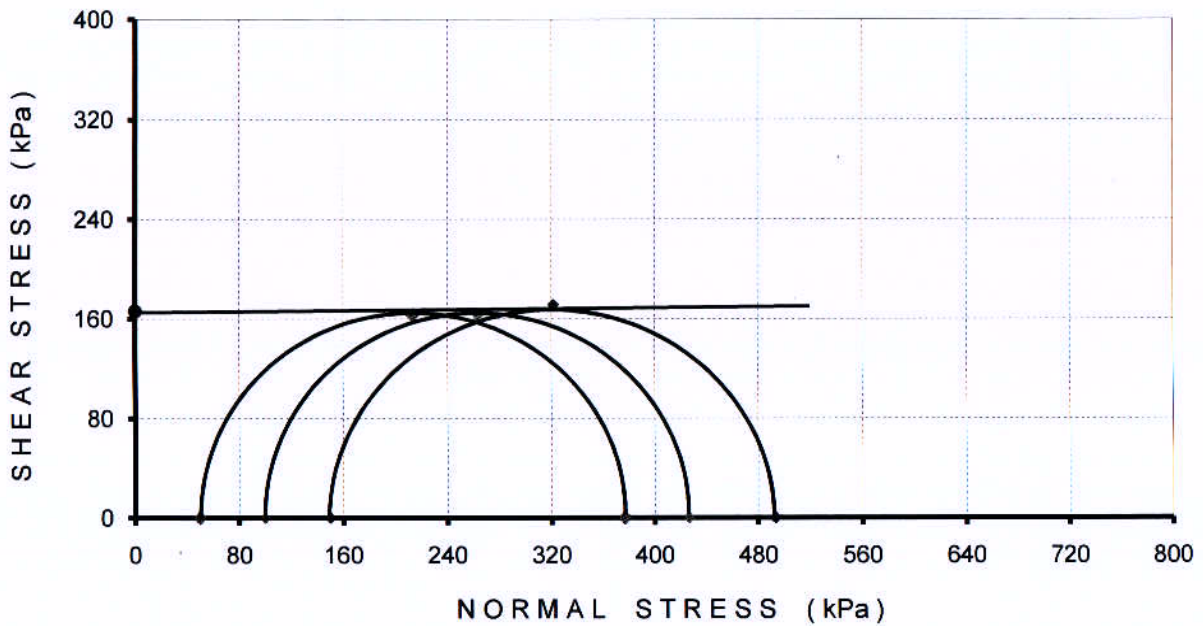
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11


Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
2.02	1.57	28.20

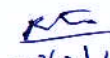
c Value kPa	ϕ Value Degree
166	0.0

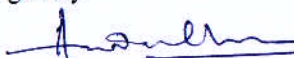
'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CI)



Borehole No:- BH-1 Sample No:- UDS-4 Depth (m) :- 11.00
CH (Km):- 1790 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No: XPL/2015-16/02

Operator: 
Date: 23/3/16

Checked by: 
Date: 28/3/16

Authorised Signatory: 
Date: 28/3/16

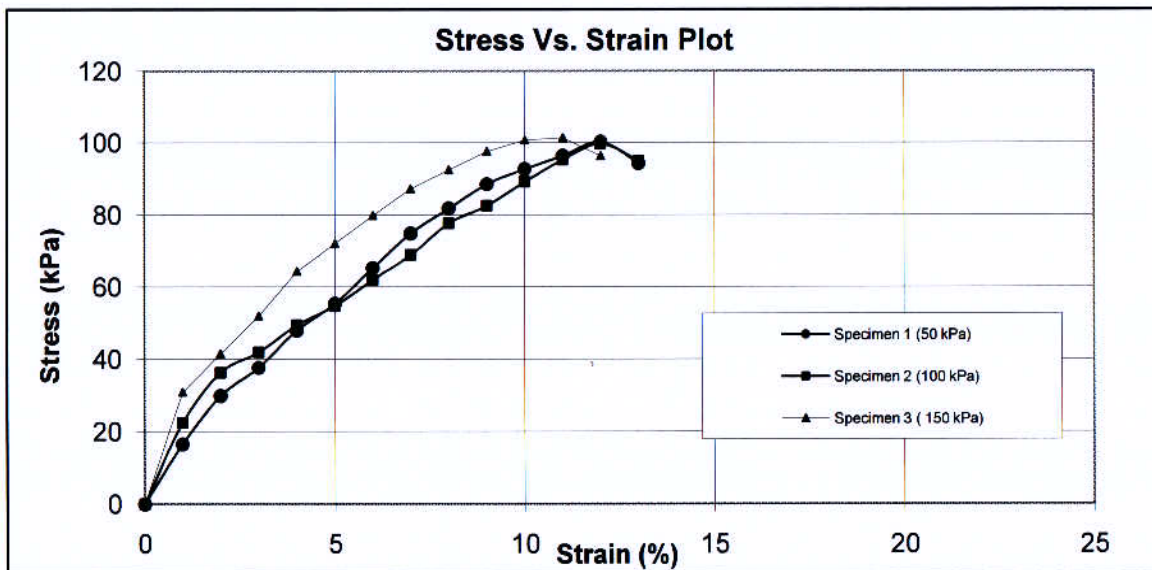
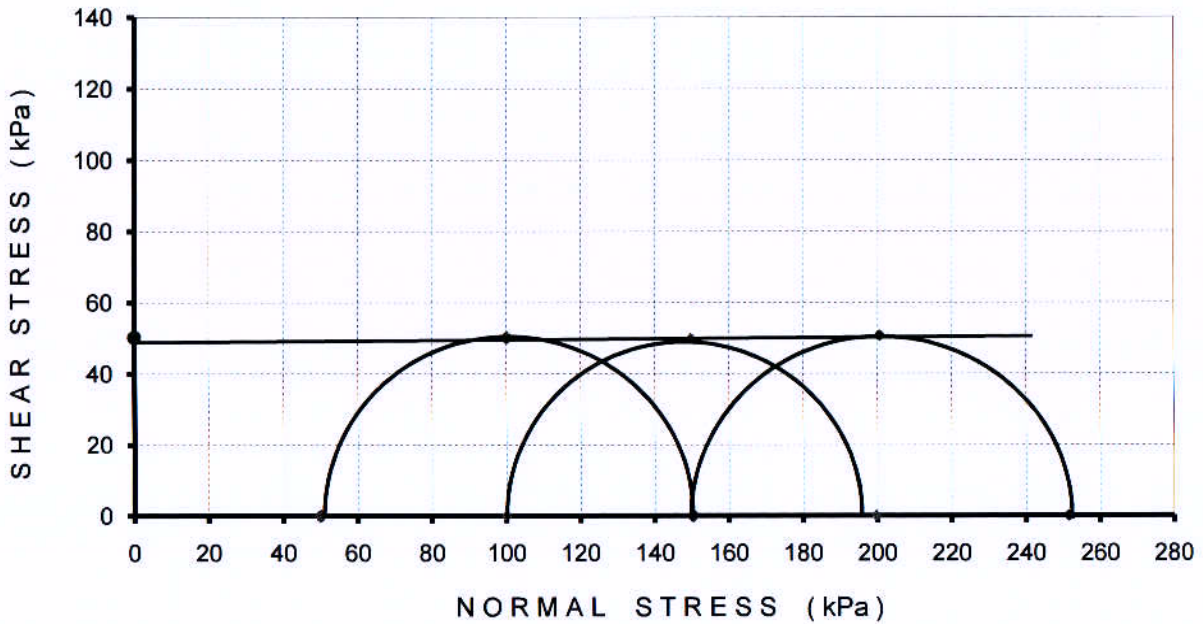
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11


Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
2.00	1.61	24.00

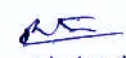
c Value kPa	ϕ Value Degree
50	0.0


'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-1 Depth (m) :- 2.00
 CH (Km):- 8440 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
 Test Report No: XPL/2015-16/02

Operator: 
 Date: 23/3/16

Checked by: 
 Date: 28/3/16

Authorised Signatory: 
 Date: 28/3/16

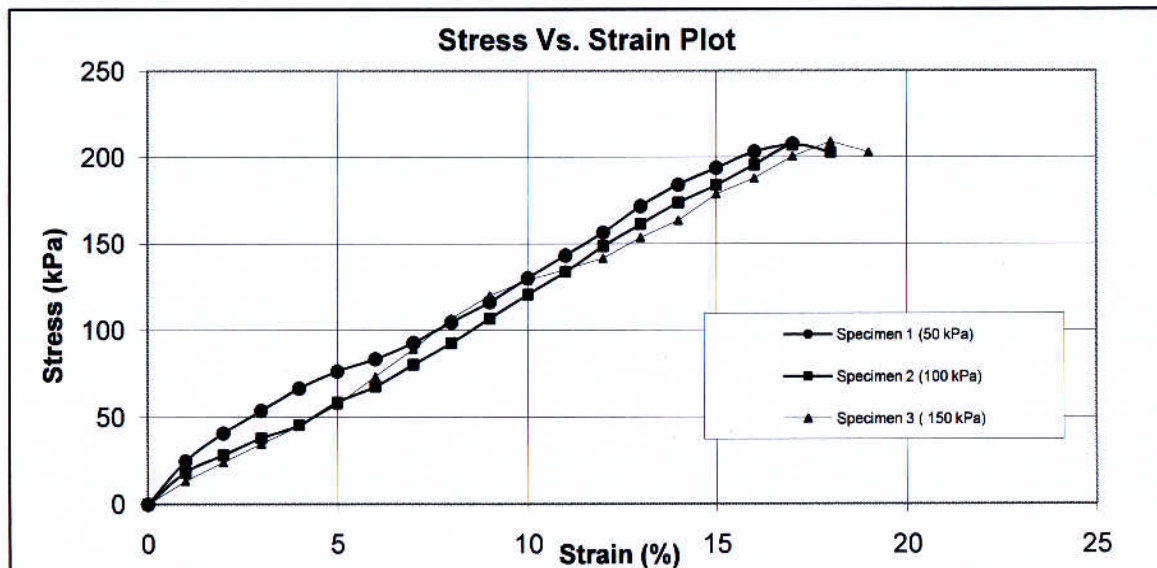
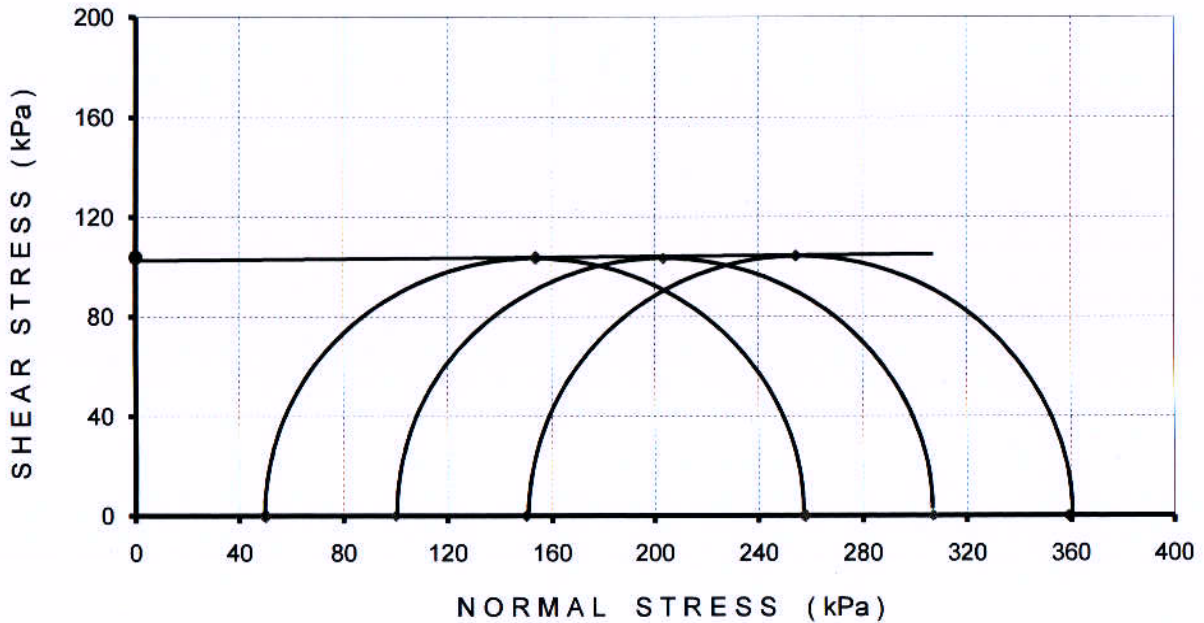
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11



Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.92	1.58	21.10

c Value kPa	ϕ Value Degree
104	0.0

Type of Sample Undisturbed
Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-1 Depth (m) :- 2.00
CH (Km.): - 13+260 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No: XPL/2015-16/02

Operator :  Date : 23/3/16	Checked by  Date: 28/3/16	Authorised Signatory:  Date: 28/3/16
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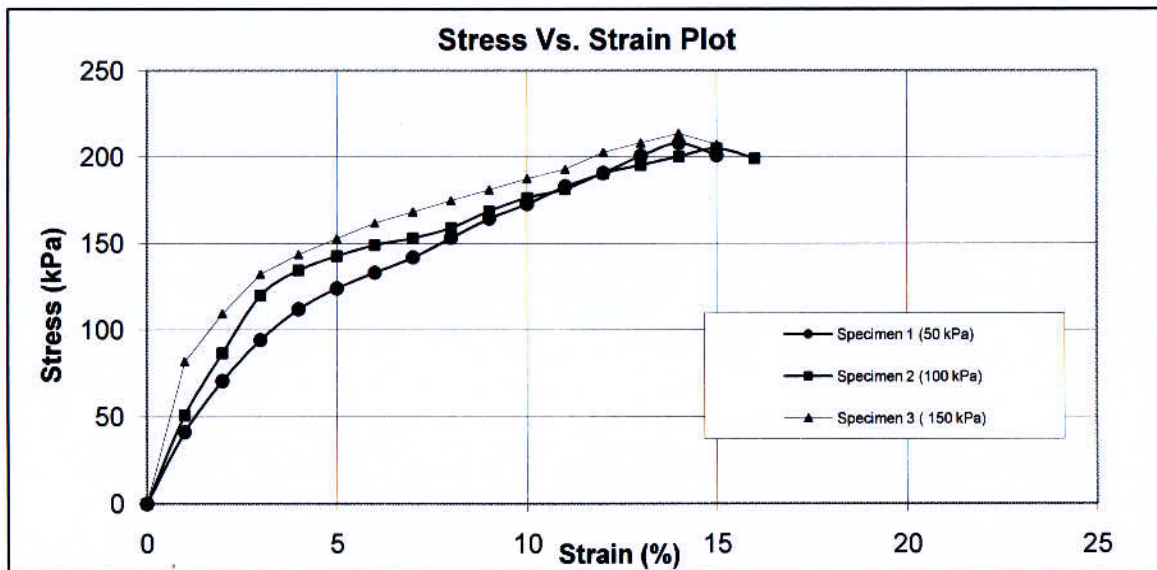
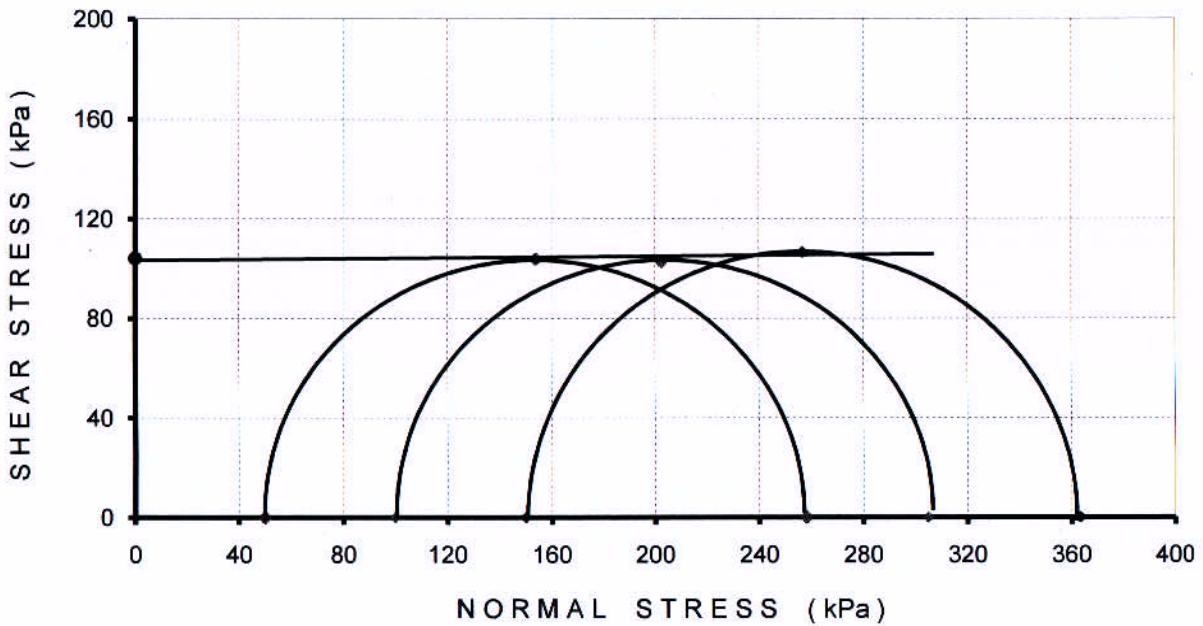
UNCONSOLIDATED UNDRAINED TRIAXIAL TEST

IS: 2720 , PART-11

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.82	1.42	28.00

c Value kPa	ϕ Value Degree
104	0.0

'Type of Sample Undisturbed
'Type of Soil Silty CLAY (CL)



Borehole No:- BH-1 Sample No:- UDS-5 Depth (m) :- 14.00
CH (Km):- 38+930 Site Ref :- Muzaffarnagar to Saharanpur Job No :- 1342
Test Report No:XPL/2015-16/02

Operator :
Date : 23/3/16

Checked by
Date: 28/3/16

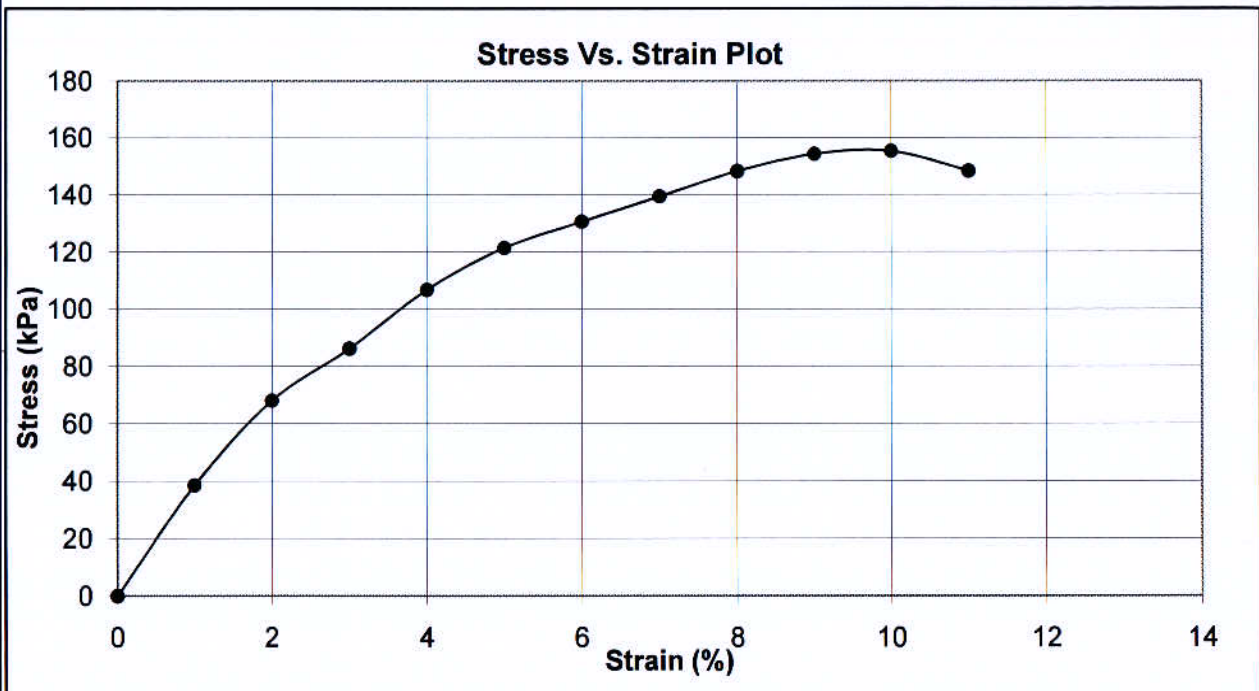
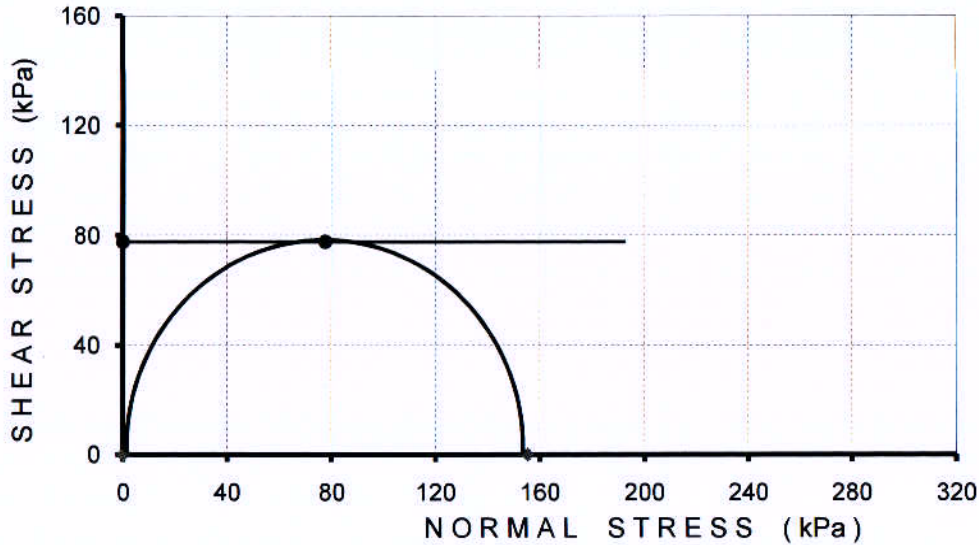
Authorised Signatory:
Date: 28/3/16

IS: 2720 , PART-10

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
2.01	1.59	20.00

c value kPa	φ Value Degree
78	0.0

Type of Sample : Undisturbed
Type of Soil : Silty CLAY (CL)



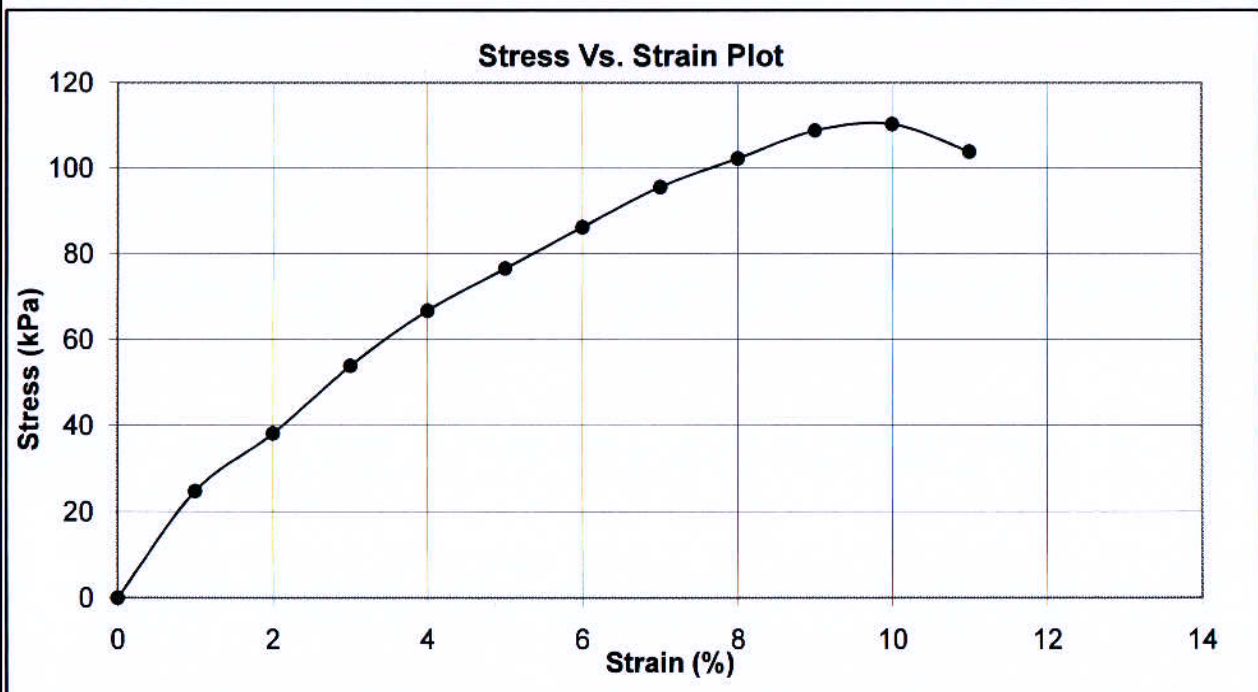
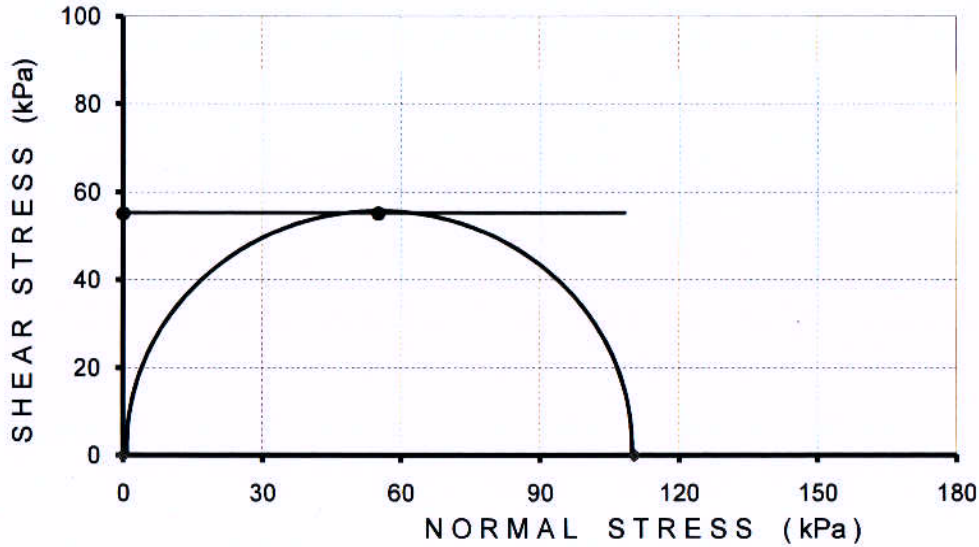
Borehole No: BH-2,CH- 6550	Sample No: UDS-7	Depth (m) : 20.00
XPLORER	Site Ref: - Muzaffarnagar to Saharanpur	Job No : 1342 Test Report No: XPL/2015-16/02
Operator : 	Checked : 	Authorised Signatory:
Date : 24/3/16	Date: 28/3/16	Date: 28/07/16

IS: 2720 , PART-10

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.93	1.63	18.70

c value kPa	φ Value Degree
55	0.0

Type of Sample : Undisturbed
Type of Soil : Silty CLAY (CL)



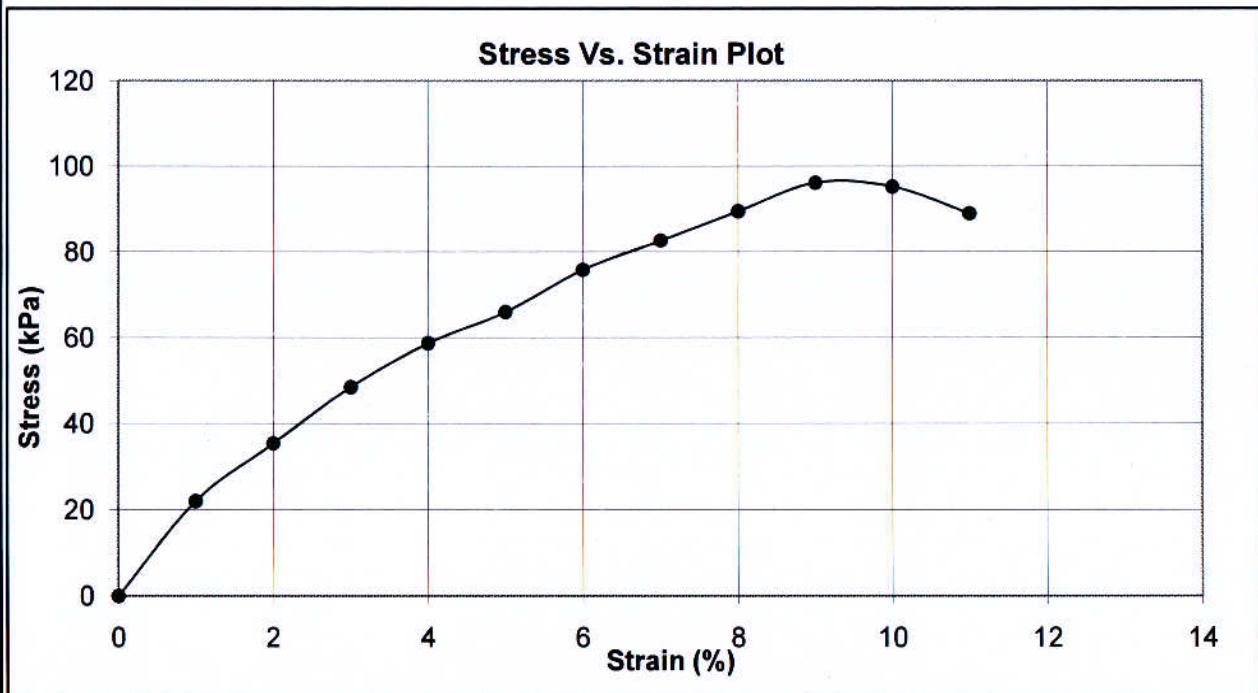
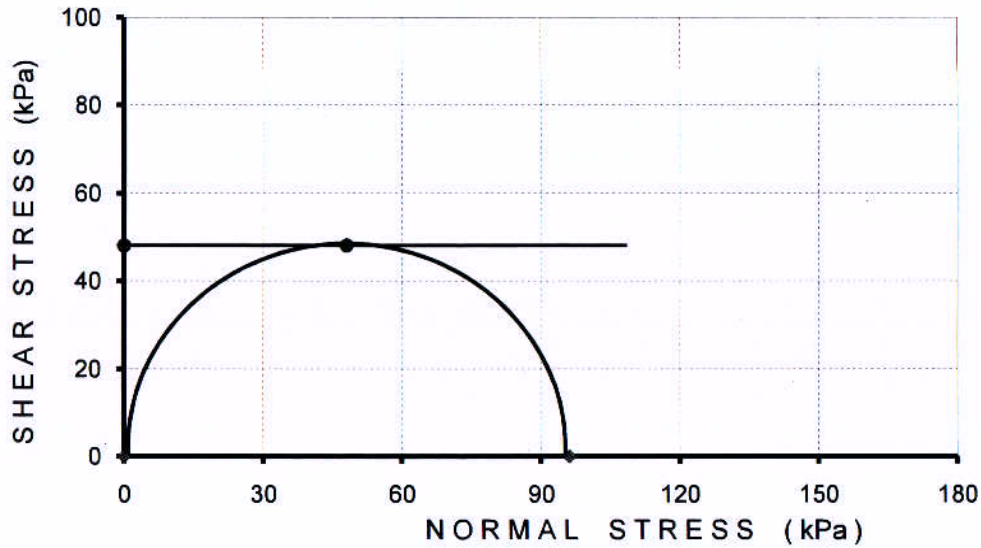
BH-1, CH-18+900	Sample No: UDS-1	Depth (m) : 2.00
XPLORER	Site Ref: Muzaffarnagar to Saharanpur	Job No: 1342
Operator :	Checked :	Test Report No: XPL/2015-16/02
Date: 29/3/16	Date: 28/3/16	Authorised Signatory:
		Date: 28/3/16

IS: 2720 , PART-10

Bulk Density gm/cc	Dry Density gm/cc	Moisture Content %
1.87	1.71	9.70

c value kPa	ϕ Value Degree
48	0.0

Type of Sample : Undisturbed
Type of Soil : Silty CLAY (CL)



BH-1, CH-28+840	Sample No: UDS-1	Depth (m) : 2.00
XPLORER	Site Ref: Muzaffarnagar to Saharanpur	Job No : 1342
Operator :	Checked :	Test Report No: XPL/2015-16/02
<i>(Signature)</i>	<i>(Signature)</i>	Authorised Signatory:
Date: 24/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342



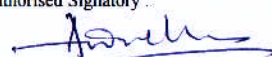
SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-2010	Borehole No: BH-1, CH-1980
		Sample No : UDS-3	Sample No : UDS-3
		Depth (m): 8.00	Depth (m): 8.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W_1)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W_2)	No ppt	No ppt
6	Sulphate (as SO_3) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-1, CH-6550	Borehole No: BH-1, CH-5322
		Sample No : SPT-6	Sample No : UDS-4
		Depth (m): 9.00	Depth (m): 11.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W_1)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W_2)	No ppt	No ppt
6	Sulphate (as SO_3) gm/l	NIL	NIL

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 12/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342



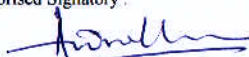
SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-1790	Borehole No: BH-1, CH-2286
		Sample No : UDS-4	Sample No : SPT-4
		Depth (m): 11.00	Depth (m): 6.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-1, CH-3360	Borehole No: BH-1, CH-8440
		Sample No : UDS-4	Sample No : UDS-1
		Depth (m): 11.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

Tested By : 	Checked By: 	Authorised Signatory: 
Date: 13/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977



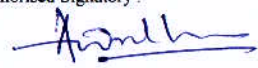
CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	JOB No: 1342
SITE REF: Muzaffarnagar to Saharanpur	Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-10+540	Borehole No: BH-1, CH-15+800
		Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-1, CH-14+150	Borehole No: BH-1, CH-13+260
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

Tested By : 	Checked By: 	Authorised Signatory : 
Date: 17/3/16	Date: 28/3/16	Date: 28/07/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342



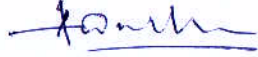
SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-20+960	Borehole No: BH-1, CH-22+700
		Sample No : UDS-1	Sample No : SPT-1
		Depth (m): 2.00	Depth (m): 1.50
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-1, CH-25+880	Borehole No: BH-1, CH-28+840
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

Tested By : 	Checked By: 	Authorised Signatory : 
Date: 18/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342




SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-27+960	Borehole No: BH-1, CH-30+236
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-1, CH-31+820	Borehole No: BH-1, CH-33+310
		Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

Tested By : 	Checked By: 	Authorised Signatory: 
Date: 18/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342



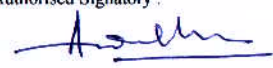
SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-1, CH-34+920	Borehole No: BH-1, CH-36+585
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W_1)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W_2)	No ppt	No ppt
6	Sulphate (as SO_3) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No: BH-2, CH-36+585	Borehole No: BH-1, CH-15+800
		Sample No : SPT-1	Sample No : SPT-1
		Depth (m): 1.50	Depth (m): 1.50
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W_1)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W_2)	No ppt	No ppt
6	Sulphate (as SO_3) gm/l	NIL	NIL

Tested By : 	Checked By: 	Authorised Signatory : 
Date: 18/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE SULPHATE OF SOIL
IS 2720: (PART-27) -1977

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342



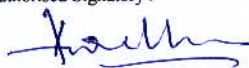
SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

Location :

S. No.	Description of Data	Borehole No: BH-2, CH-15+800	Borehole No: BH-1, CH-38+930
		Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Mass of soil sample taken (gm)	100	100
2	Volume of Distilled water added (ml)	200	200
3	Volume of soil water Extract taken ml	100	100
4	Weight of Empty crucible gm (W ₁)	NA	NA
5	Weight of crucible + Barium Sulphate gm (W ₂)	No ppt	No ppt
6	Sulphate (as SO ₃) gm/l	NIL	NIL

S. No.	Description of Data	Borehole No:	Borehole No:
		Sample No :	Sample No :
		Depth (m):	Depth (m):
1	Mass of soil sample taken (gm)		
2	Volume of Distilled water added (ml)		
3	Volume of soil water Extract taken ml		
4	Weight of Empty crucible gm (W ₁)		
5	Weight of crucible + Barium Sulphate gm (W ₂)		
6	Sulphate (as SO ₃) gm/l		

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 19/3/16	Date: 28/3/16	Date: 28/3/16





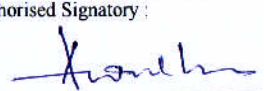
DETERMINATION OF TOTAL SOLUBLE CHLORIDE OF SOIL

Vogel's Text Book of Quantitative Chemical Analysis

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD	JOB No.: 1342
PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	Test Report No. XPL/2015-16/02
SITE REF: Muzaffarnagar to Saharanpur	

S. No.	Description of Data	BH-1, CH-2010	BH-1, CH-1980	BH-1, CH-6550
		Sample No : UDS-3	Sample No : UDS-3	Sample No : SPT-6
		Depth (m): 8.00	Depth (m): 8.00	Depth (m): 9.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	5	6.1	7.3
6	Final burette reading V ₂	6.1	7.3	8.2
7	Chloride (mg/l or ppm), Y	21.84	23.83	17.87
8	Total Chlorides in soil sample (mg/l or ppm)	109.22	119.15	89.36

S. No.	Description of Data	BH-1, CH-5322	BH-1, CH-1790	BH-1, CH-2286
		Sample No : UDS-4	Sample No : UDS-4	Sample No : SPT-4
		Depth (m): 11.00	Depth (m): 11.00	Depth (m): 6.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	8.2	9	11.2
6	Final burette reading V ₂	9	10.0	12.3
7	Chloride (mg/l or ppm), Y	15.89	19.86	21.84
8	Total Chlorides in soil sample (mg/l or ppm)	79.43	99.29	109.22

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 19/3/16	Date: 20/3/16	Date: 20/3/16



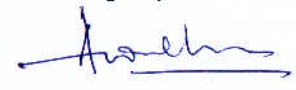
DETERMINATION OF TOTAL SOLUBLE CHLORIDE OF SOIL

Vogel's Text Book of Quantitative Chemical Analysis

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD	JOB No.: 1342
PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	Test Report No.XPL/2015-16/02
SITE REF: Muzaffarnagar to Saharanpur	

S. No.	Description of Data	BH-1, CH-3360	BH-1, CH-8440	BH-1, CH-10+540
		Sample No : UDS-4	Sample No : UDS-1	Sample No : SPT-1
		Depth (m): 11.00	Depth (m): 2.00	Depth (m): 1.50
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	10	12.3	13.4
6	Final burette reading V ₂	11.2	13.4	14.3
7	Chloride (mg/l or ppm), Y	23.83	21.84	17.87
8	Total Chlorides in soil sample (mg/l or ppm)	119.15	109.22	89.36

S. No.	Description of Data	BH-1, CH-15+800	BH-1, CH-14+150	BH-1, CH-13+260
		Sample No : UDS-1	Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	0	1.1	1.9
6	Final burette reading V ₂	1.1	1.9	2.9
7	Chloride (mg/l or ppm), Y	21.84	15.89	19.86
8	Total Chlorides in soil sample (mg/l or ppm)	109.22	79.43	99.29

Tested By : 	Checked By: 	Authorised Signatory : 
Date: 19/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF TOTAL SOLUBLE CHLORIDE OF SOIL

Vogel's Text Book of Quantitative Chemical Analysis

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD	JOB No.: 1342
PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	Test Report No.XPL/2015-16/02
SITE REF: Muzaffarnagar to Saharanpur	

S. No.	Description of Data	BH-1, CH-17+790	BH-1, CH-18+900	BH-1, CH-19+680
		Sample No : UDS-1	Sample No : UDS-1	Sample No : SPT-1
		Depth (m): 2.00	Depth (m): 2.00	Depth (m): 1.50
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	2.9	4.1	5.2
6	Final burette reading V ₂	4.1	5.2	6.5
7	Chloride (mg/l or ppm), Y	23.83	21.84	25.81
8	Total Chlorides in soil sample (mg/l or ppm)	119.15	109.22	129.07

S. No.	Description of Data	BH-1, CH-24+269	BH-1, CH-20+960	BH-1, CH-22+700
		Sample No : UDS-1	Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	6.5	7.6	9.1
6	Final burette reading V ₂	7.6	9.1	10.5
7	Chloride (mg/l or ppm), Y	21.84	29.79	27.80
8	Total Chlorides in soil sample (mg/l or ppm)	109.22	148.93	139.00

Tested By : 	Checked By : 	Authorised Signatory :
Date: 20/3/16	Date: 28/3/16	Date: 28/3/16






DETERMINATION OF TOTAL SOLUBLE CHLORIDE OF SOIL

Vogel's Text Book of Quantitative Chemical Analysis

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD	JOB No.: 1342
PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	Test Report No. XPL/2015-16/02
SITE REF: Muzaffarnagar to Saharanpur	

S. No.	Description of Data	BH-1, CH-25+880	BH-1, CH-28+840	BH-1, CH-27+960
		Sample No : UDS-1	Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00	Depth (m): 2.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	10.5	11.8	12.9
6	Final burette reading V ₂	11.8	12.9	14.1
7	Chloride (mg/l or ppm), Y	25.81	21.84	23.83
8	Total Chlorides in soil sample (mg/l or ppm)	129.07	109.22	119.15

S. No.	Description of Data	BH-1, CH-30+236	BH-1, CH-31+820	BH-1, CH-33+310
		Sample No : UDS-1	Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 1.50	Depth (m): 2.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	14.1	0	1.1
6	Final burette reading V ₂	15.4	1.1	2.3
7	Chloride (mg/l or ppm), Y	25.81	21.84	23.83
8	Total Chlorides in soil sample (mg/l or ppm)	129.07	109.22	119.15

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 20/3/16	Date: 28/3/16	Date: 28/3/16






DETERMINATION OF TOTAL SOLUBLE CHLORIDE OF SOIL

Vogel's Text Book of Quantitative Chemical Analysis

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD	JOB No.: 1342
PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut	Test Report No.XPL/2015-16/02
SITE REF: Muzaffarnagar to Saharanpur	

S. No.	Description of Data	BH-1, CH-34+920	BH-1, CH-36+585	BH-2, CH-36+585
		Sample No : UDS-1	Sample No : UDS-1	Sample No : SPT-1
		Depth (m): 2.00	Depth (m): 2.00	Depth (m): 1.50
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	2.3	3.9	5.4
6	Final burette reading V ₂	3.9	5.4	6.6
7	Chloride (mg/l or ppm), Y	31.77	29.79	23.83
8	Total Chlorides in soil sample (mg/l or ppm)	158.86	148.93	119.15

S. No.	Description of Data	BH-1, CH-15+800	BH-2, CH-15+800	BH-1, CH-38+930
		Sample No : SPT-1	Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 1.50	Depth (m): 2.00
1	Mass of soil sample taken (gm)	40	40	40
2	Volume of Distilled water added (ml)	200	200	200
3	Normality of AgNO ₃	0.014N	0.014N	0.014N
4	Volume of soil water extract taken for titration (ml)	25	25	25
5	Initial burette reading V ₁	6.6	7.7	8.9
6	Final burette reading V ₂	7.7	8.9	10.8
7	Chloride (mg/l or ppm), Y	21.84	23.83	37.73
8	Total Chlorides in soil sample (mg/l or ppm)	109.22	119.15	188.65

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 20/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF pH VALUE OF SOIL

IS 2720: (PART-26) -1987

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342

SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

S. No.	Description of Data	Borehole No: BH-1, CH-2010	Borehole No: BH-1, CH-1980
		Sample No : UDS-3	Sample No : UDS-3
		Depth (m): 8.00	Depth (m): 8.00
1	Soil Identification	Silty CLAY	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	24.4	24.4
6	pH meter reading	7.81	7.52

S. No.	Description of Data	Borehole No: BH-1, CH-6550	Borehole No: BH-1, CH-5322
		Sample No : SPT-6	Sample No : UDS-4
		Depth (m): 9.00	Depth (m): 11.00
1	Soil Identification	Silty SAND	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	24.4	24.3
6	pH meter reading	7.45	7.66

S. No.	Description of Data	Borehole No: BH-1, CH-1790	Borehole No: BH-1, CH-2286
		Sample No : UDS-4	Sample No : SPT-4
		Depth (m): 11.00	Depth (m): 6.00
1	Soil Identification	Silty CLAY	Silty SAND
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	24.1	24.1
6	pH meter reading	7.72	7.54

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 20/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF pH VALUE OF SOIL

IS 2720: (PART-26) -1987

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

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SITE REF: Muzaffarnagar to Saharanpur

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S. No.	Description of Data	Borehole No: BH-1, CH-3360	Borehole No: BH-1, CH-8440
		Sample No: UDS-4	Sample No: UDS-1
		Depth (m): 11.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	24.6	24.6
6	pH meter reading	7.55	7.81

S. No.	Description of Data	Borehole No: BH-1, CH-10+540	Borehole No: BH-1, CH-15+800
		Sample No: SPT-1	Sample No: UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Soil Identification	Silty CLAY	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.5	23.6
6	pH meter reading	7.45	7.50

S. No.	Description of Data	Borehole No: BH-1, CH-14+150	Borehole No: BH-1, CH-13+260
		Sample No: UDS-1	Sample No: UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.2	23.4
6	pH meter reading	7.25	7.65

Tested By: 	Checked By: 	Authorised Signatory: 
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF pH VALUE OF SOIL
IS 2720: (PART-26) -1987

CLIENT / CONSULTANT: SKYLARK DESIGNER AND ENGINEERS (P) LTD

PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

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SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

S. No.	Description of Data	Borehole No: BH-1, CH-17+790	Borehole No: BH-1, CH-18+900
		Sample No: UDS-1	Sample No: UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.5	23.4
6	pH meter reading	7.21	7.39

S. No.	Description of Data	Borehole No: BH-1, CH-19+680	Borehole No: BH-1, CH-24+269
		Sample No: UDS-2	Sample No: UDS-1
		Depth (m): 5.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.5	23.8
6	pH meter reading	7.10	7.15

S. No.	Description of Data	Borehole No: BH-1, CH-20+960	Borehole No: BH-1, CH-22+700
		Sample No: UDS-1	Sample No: UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.1	23.2
6	pH meter reading	6.99	7.01

Tested By: 	Checked By: 	Authorised Signatory: 
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF pH VALUE OF SOIL

IS 2720: (PART-26) -1987

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PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

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SITE REF: Muzaffarnagar to Saharanpur

Test Report No: XPL/2015-16/02

S. No.	Description of Data	Borehole No: BH-1, CH-25+880	Borehole No: BH-1, CH-28+840
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.3	23.5
6	pH meter reading	7.11	7.30

S. No.	Description of Data	Borehole No: BH-1, CH-27+960	Borehole No: BH-1, CH-30+236
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.6	23.7
6	pH meter reading	7.05	7.12

S. No.	Description of Data	Borehole No: BH-1, CH-31+820	Borehole No: BH-1, CH-33+310
		Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.2	23.5
6	pH meter reading	7.02	7.14

Tested By : 	Checked By : 	Authorised Signatory : 
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16



DETERMINATION OF pH VALUE OF SOIL

IS 2720: (PART-26) -1987

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PROJECT: Geotechnical Investigation Works For Muzaffarnagar to Saharanpur Section of DFCC Meerut

JOB No: 1342

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Test Report No: XPL/2015-16/02

S. No.	Description of Data	Borehole No: BH-1, CH-34+920	Borehole No: BH-1, CH-36+585
		Sample No : UDS-1	Sample No : UDS-1
		Depth (m): 2.00	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Silty CLAY
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.9	23.7
6	pH meter reading	7.26	7.19

S. No.	Description of Data	Borehole No: BH-2, CH-36+585	Borehole No: BH-1, CH-15+800
		Sample No : SPT-1	Sample No : SPT-1
		Depth (m): 1.50	Depth (m): 1.50
1	Soil Identification	Silty CLAY	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.5	23.6
6	pH meter reading	7.20	7.22

S. No.	Description of Data	Borehole No: BH-2, CH-15+800	Borehole No: BH-1, CH-38+930
		Sample No : SPT-1	Sample No : UDS-1
		Depth (m): 1.50	Depth (m): 2.00
1	Soil Identification	Sandy SILT	Sandy SILT
2	Sample Passing Sieve Size (μ)	425	425
3	Wt. of Soil sample Taken (gm)	40	40
4	Volume of Distilled water added (ml)	100	100
5	Temperature ($^{\circ}$ C)	23.5	23.7
6	pH meter reading	7.26	7.33

Tested By: 	Checked By: 	Authorised Signatory: 
Date: 21/3/16	Date: 28/3/16	Date: 28/3/16