

SITE : Robroyston North. M505

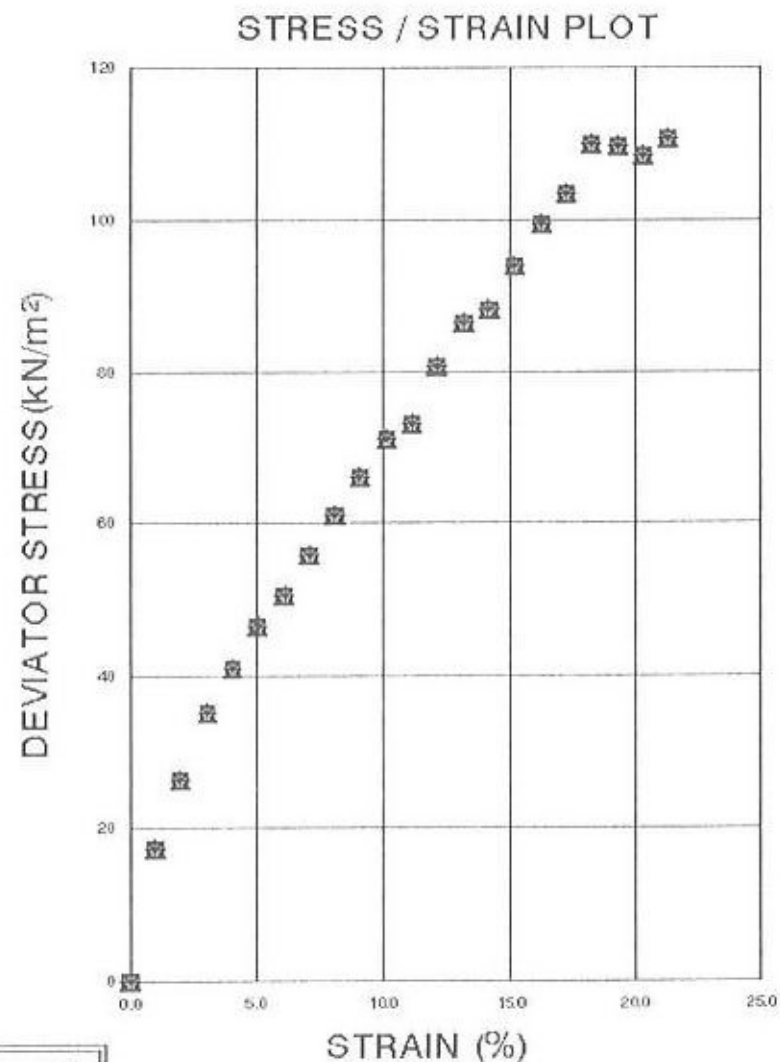
Template: RS03

Job Number M -: 505
 Exp. Point : BHS305
 DEPTH : 3.00 m.
 Description : Grey gravelly sandy clay

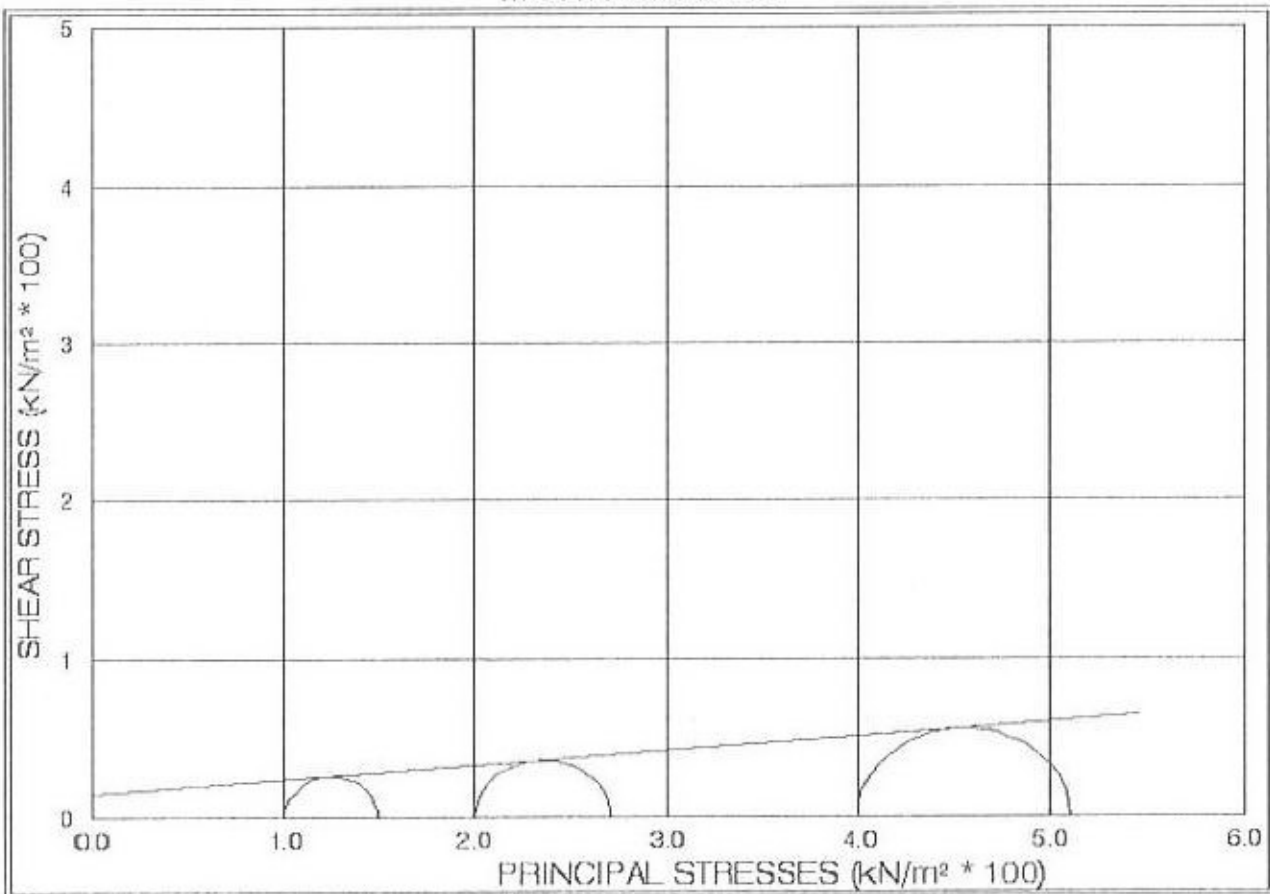
SPEC. / STAGE No :	1	2	3	
WATER CONT. =	12.3			% dry weight
BULK DENSITY =	2.27			Mg/m ³
DRY DENSITY =	2.02			Mg/m ³
CELL PRESSURES =	100	200	400	kN/m ²
SHEAR STRENGTH =	25	36	55	kN/m ²
STRAIN at FAILURE =	6	10	21	%
RATE of STRAIN =	2	2	2	%/min.
MEMBRANE TYPE =	Standard Latex - 0.5mm. thick.			
AVERAGE SHEAR STRENGTH =	39			kN/m ²
APPARENT COHESION =	14			kN/m ²
ANGLE of SHR. RESISTANCE =	5			Degrees

SPECIMEN/STAGE No :	1	2	3
CELL PRESSURES =	100	200	400 kN/m ²
WEIGHT OF SPECIMEN =	2496		gms.
DIAMETER OF SPECIMEN =	84.3		m.m.
HEIGHT OF SPECIMEN =	197		m.m.
WT. of WET SAMPLE + TIN =	564		gms.
WT. of DRY SAMPLE + TIN =	507		gms.
WT. of TIN =	42.2		gms.
LOAD FACTOR =	8.83		N/Div.
PRESSURE ZERO =	3	7	13 Div.

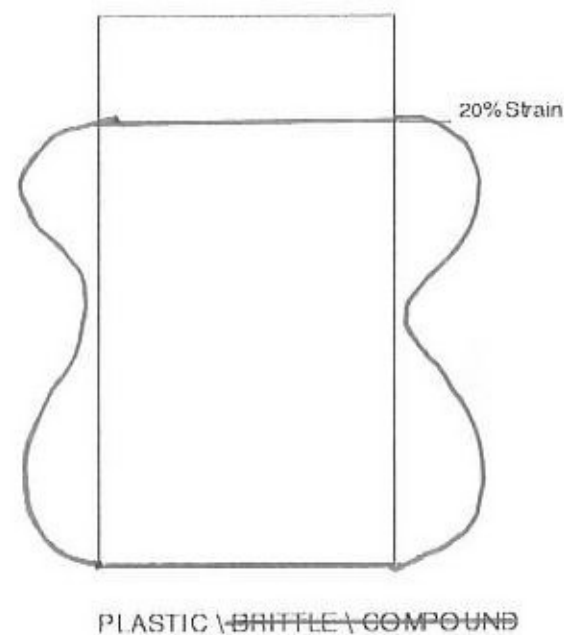
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	55.81		0			
1	56.39	1.0	2	14	0.10	17
2	56.97	2.0	4	20	0.15	26
3	57.56	3.0	6	26	0.20	35
4	58.17	4.1	8	30	0.24	41
5	58.79	5.1	10	34	0.27	47
6	59.43	6.1	12	37	0.30	51
7	60.07	7.1	14	45	0.34	56
8	60.74	8.1	16	49	0.37	61
9	61.41	9.1	18	53	0.41	66
10	62.11	10.1	20	57	0.44	71
11	62.81	11.1	22	65	0.46	73
12	63.54	12.2	24	71	0.51	81
13	64.28	13.2	26	76	0.56	87
14	65.04	14.2	28	78	0.57	88
15	65.82	15.2	30	83	0.62	94
16	66.61	16.2	32	88	0.66	99
17	67.43	17.2	34	92	0.70	103
18	68.26	18.2	36	98	0.75	110
19	69.12	19.2	38	99	0.76	110
20	70.00	20.3	40	99	0.76	108
21	70.90	21.3	42	102	0.79	111



MOHR CIRCLES



FAILURE



COMMENTS:

Prepared by : Vertical Extrusion \ Remoulding.
 84mm Diameter Multi-stage test - (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Glasgow, FK1 3EZ

Print Date: 07/03/2020

Print Time: 07:40 AM

Originator		QUICK UNDRAINED TRIAXIAL COMPRESSION TEST in accordance with BS EN ISO 17892: Part8	Aitken Laboratories Limited
Checked & Approved		Robroyston North. M505	

SITE: Robroyston North. M505

Template: RS05

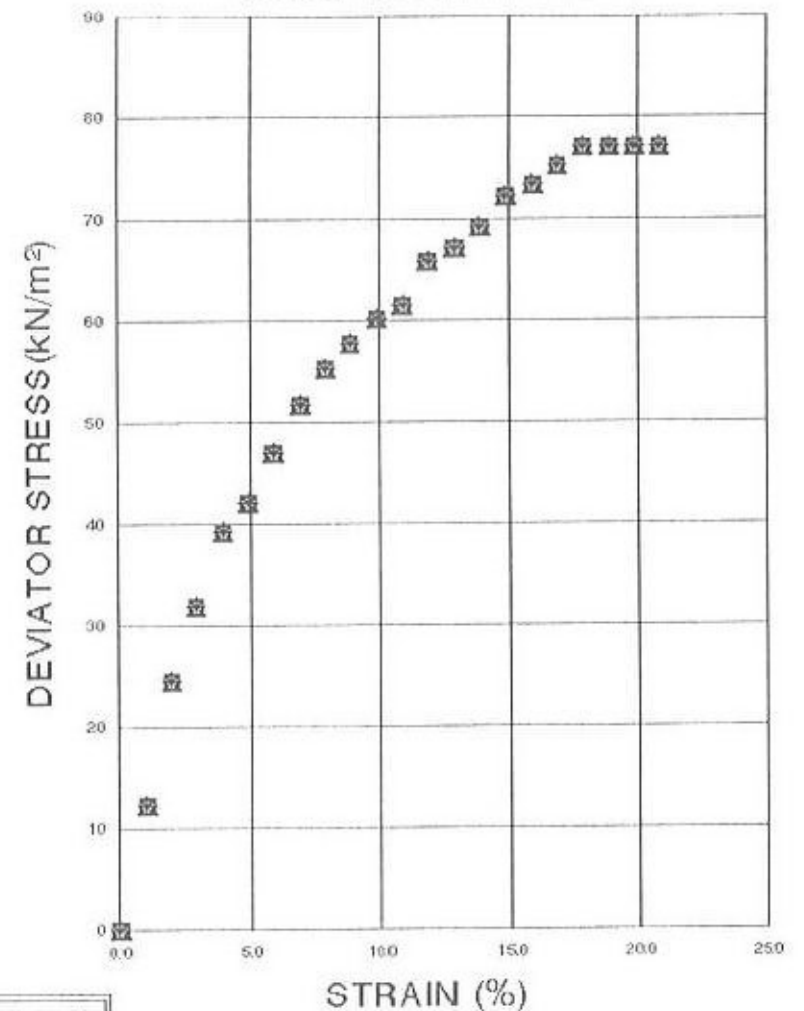
Job Number M-: 505
 Exp. Point : BHS306
 DEPTH : 1.20 m.
 Description : Mottled brown gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3202 gms.
 DIAMETER OF SPECIMEN = 99.7 m.m.
 HEIGHT OF SPECIMEN = 201 m.m.
 WT. of WET SAMPLE + TIN = 661 gms.
 WT. of DRY SAMPLE + TIN = 550 gms.
 WT. of TIN = 42.6 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

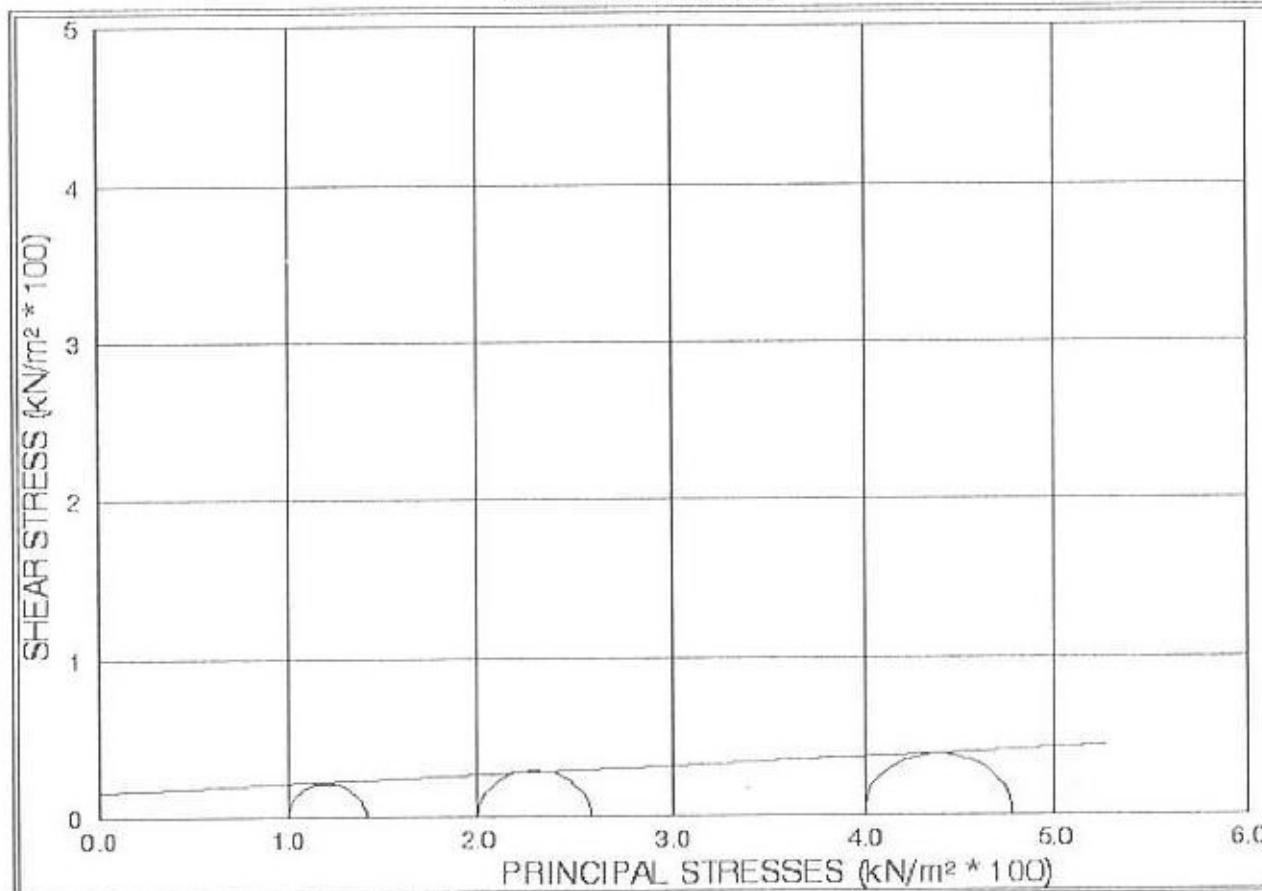
SPEC. / STAGE No : 1 2 3
 WATER CONT. = 21.9 % dry weight
 BULK DENSITY = 2.04 Mg/m³
 DRY DENSITY = 1.67 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 21 29 39 kN/m²
 STRAIN at FAILURE = 5 9 18 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.
 AVERAGE SHEAR STRENGTH = 29 kN/m²
 APPARENT COHESION = 15 kN/m²
 ANGLE of SHR. RESISTANCE = 3 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVNG RINGDIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	78.02		0			
1	78.80	1.0	2	14	0.10	12
2	79.60	2.0	4	25	0.19	24
3	80.42	3.0	6	32	0.26	32
4	81.25	4.0	8	39	0.32	39
5	82.10	5.0	10	42	0.34	42
6	82.96	6.0	12	51	0.39	47
7	83.85	6.9	14	56	0.43	52
8	84.75	7.9	16	60	0.47	55
9	85.68	8.9	18	63	0.49	58
10	86.62	9.9	20	72	0.52	60
11	87.59	10.9	22	74	0.54	61
12	88.57	11.9	24	79	0.58	66
13	89.58	12.9	26	81	0.60	67
14	90.62	13.9	28	84	0.63	69
15	91.67	14.9	30	88	0.66	72
16	92.76	15.9	32	90	0.68	73
17	93.86	16.9	34	93	0.71	75
18	95.00	17.9	36	96	0.73	77
19	96.16	18.9	38	97	0.74	77
20	97.35	19.9	40	98	0.75	77
21	98.57	20.8	42	99	0.76	77

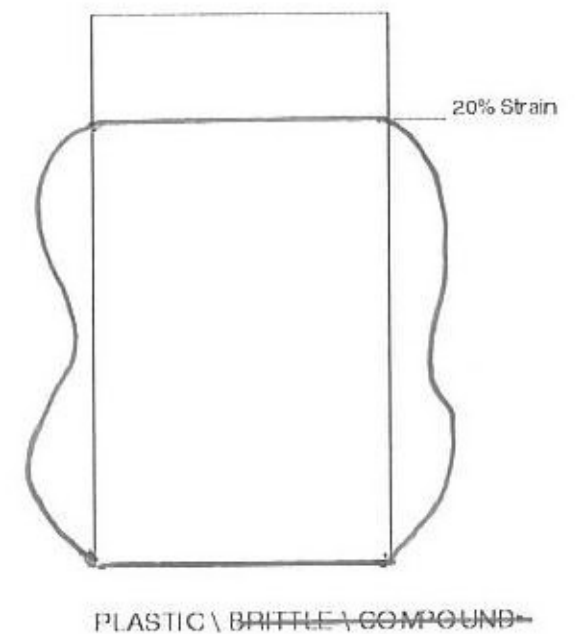
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



COMMENTS:

Prepared by : Vertical Extrusion \ Remoulding
 100mm Diameter Multi-stage test - (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Sarnan, FK13EZ

Print Time: 07:42 AM Print Date: 07/03/2020

Originator
 Checked & Approved

QUICK UNDRAINED TRIAXIAL COMPRESSION TEST
 in accordance with
 BS EN ISO 17892: Part8

Robroyston North. M505

**Aitken
 Laboratories
 Limited**

SITE : Robroyston North. M505

Template: RS03

Job Number M- : 505
 Exp.Point : BH S307
 DEPTH : 1.20 m.
 Description : Mottled brown gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 2101 gms.
 DIAMETER OF SPECIMEN = 82 m.m.
 HEIGHT OF SPECIMEN = 199 m.m.
 WT.of WET SAMPLE + TIN = 617 gms.
 WT.of DRY SAMPLE + TIN = 518 gms.
 WT.of TIN = 42.7 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

SPEC. / STAGE No: 1 2 3

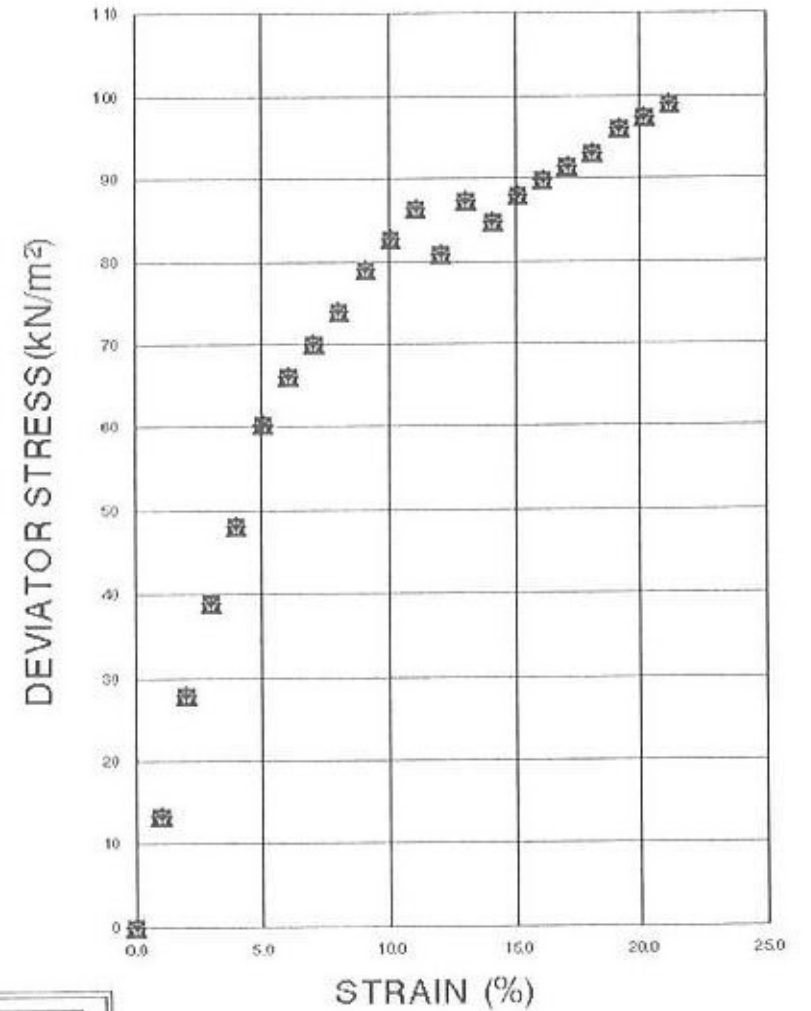
WATER CONT. = 20.9 % dry weight
 BULK DENSITY = 2.00 Mg/m³
 DRY DENSITY = 1.65 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 35 43 49 kN/m²
 STRAIN at FAILURE = 7 11 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm . thick.

AVERAGE SHEAR STRENGTH = 43 kN/m²

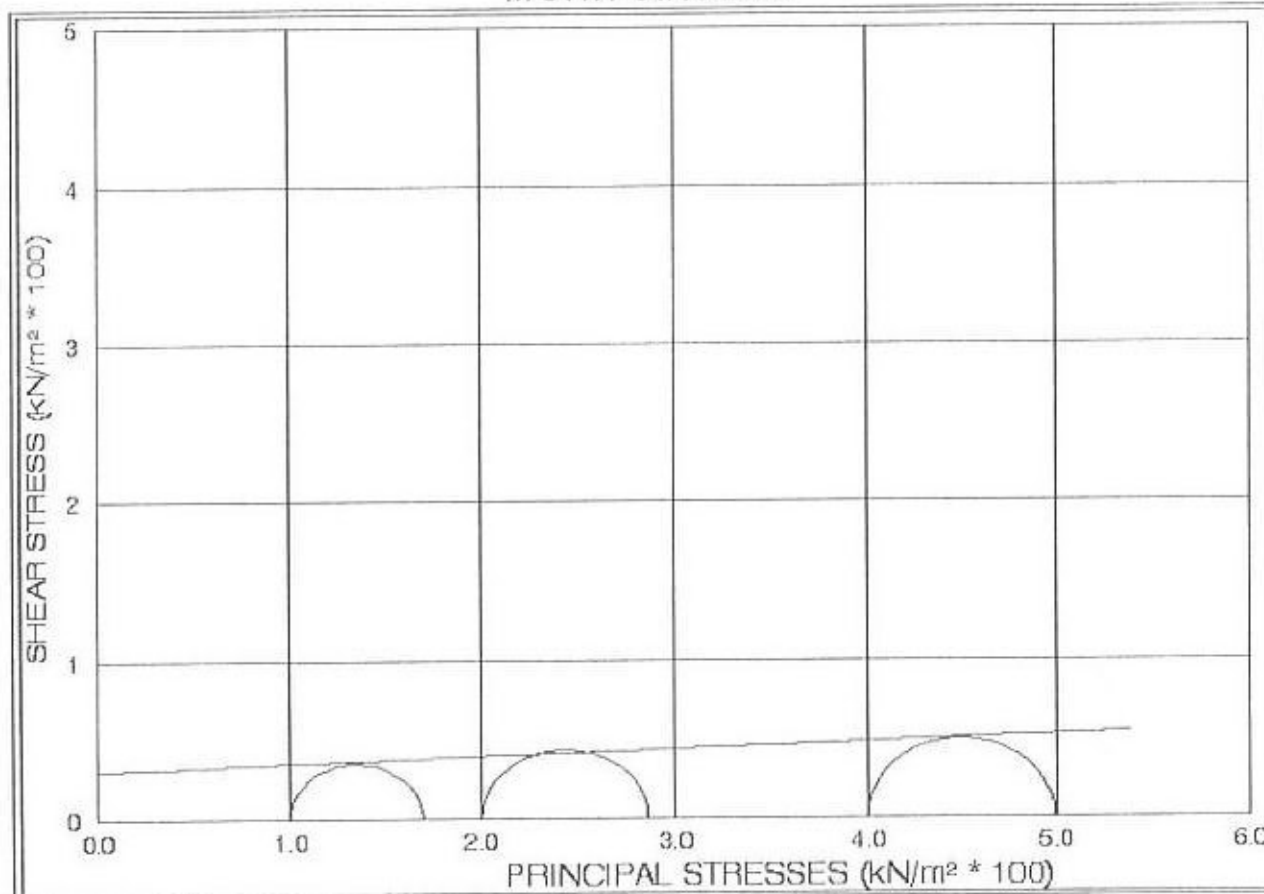
APPARENT COHESION = 30 kN/m²
 ANGLE of SHR. RESISTANCE = 3 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	52.81		0			
1	53.35	1.0	2	11	0.07	13
2	53.89	2.0	4	20	0.15	28
3	54.45	3.0	6	27	0.21	39
4	55.02	4.0	8	33	0.26	48
5	55.60	5.0	10	41	0.34	60
6	56.20	6.0	12	45	0.37	66
7	56.81	7.0	14	48	0.40	70
8	57.43	8.0	16	55	0.42	74
9	58.06	9.0	18	59	0.46	79
10	58.71	10.1	20	62	0.49	83
11	59.37	11.1	22	65	0.51	86
12	60.05	12.1	24	68	0.49	81
13	60.75	13.1	26	73	0.53	87
14	61.46	14.1	28	72	0.52	85
15	62.18	15.1	30	75	0.55	88
16	62.93	16.1	32	77	0.57	90
17	63.69	17.1	34	79	0.58	91
18	64.47	18.1	36	81	0.60	93
19	65.27	19.1	38	84	0.63	96
20	66.10	20.1	40	86	0.64	98
21	66.94	21.1	42	88	0.66	99

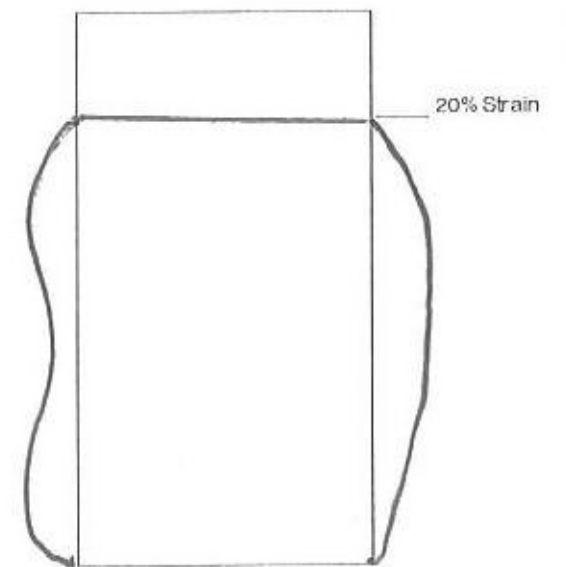
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND.

COMMENTS:

Prepared by : Vertical Extrusion \ Remoulding/
 82mm Diameter Multi-stage test - (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Sliamanan, FK13EZ

Print Date: 09/03/2020

Print Time: 10:44 AM

Originator		QUICK UNDRAINED TRIAXIAL COMPRESSION TEST in accordance with BS EN ISO 17892: Part8	Aitken Laboratories Limited
Checked & Approved		Robroyston North. M505	

SITE : Robroyston North. M505

Job Number M-: 505
 Exp.Point: S312
 DEPTH: 3.00 m.
 Description: Grey gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 1246 gms.
 DIAMETER OF SPECIMEN = 70.7 m.m.
 HEIGHT OF SPECIMEN = 151 m.m.
 WT.of WET SAMPLE + TIN = 565 gms.
 WT.of DRY SAMPLE + TIN = 487 gms.
 WT.of TIN = 42.5 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

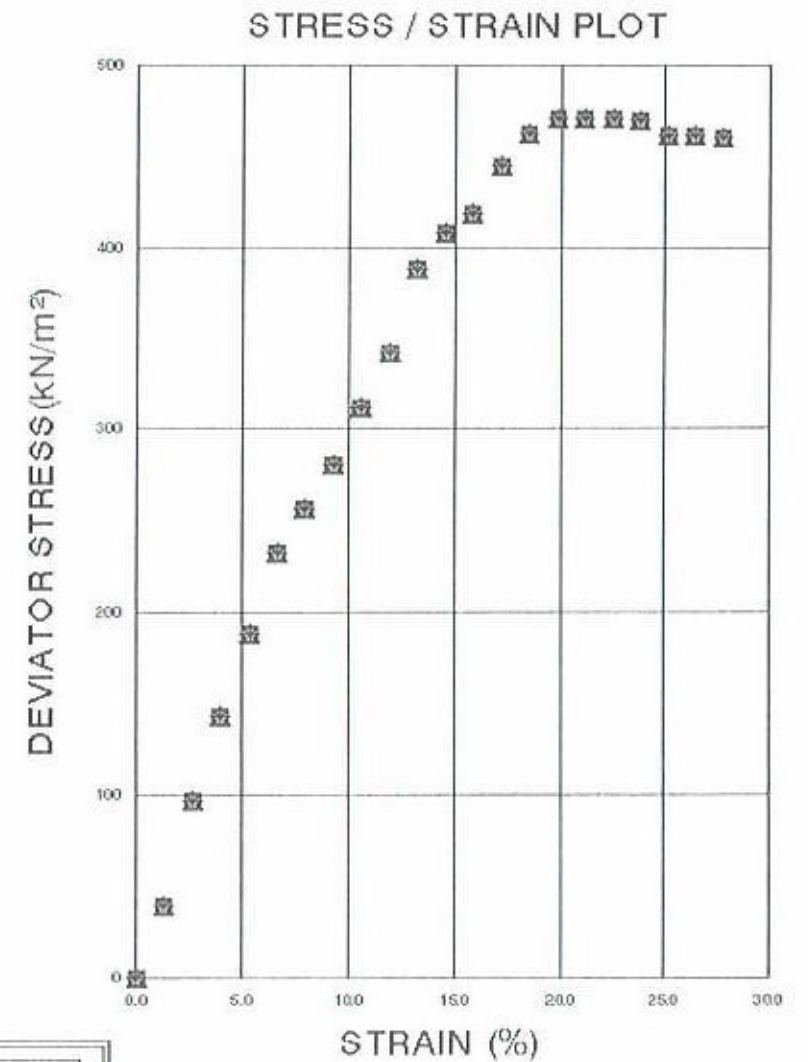
SPEC./ STAGE No: 1 2 3

WATER CONT. = 17.6 % dry weight
 BULK DENSITY = 2.10 Mg/m³
 DRY DENSITY = 1.78 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 128 204 236 kN/m²
 STRAIN at FAILURE = 8 15 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

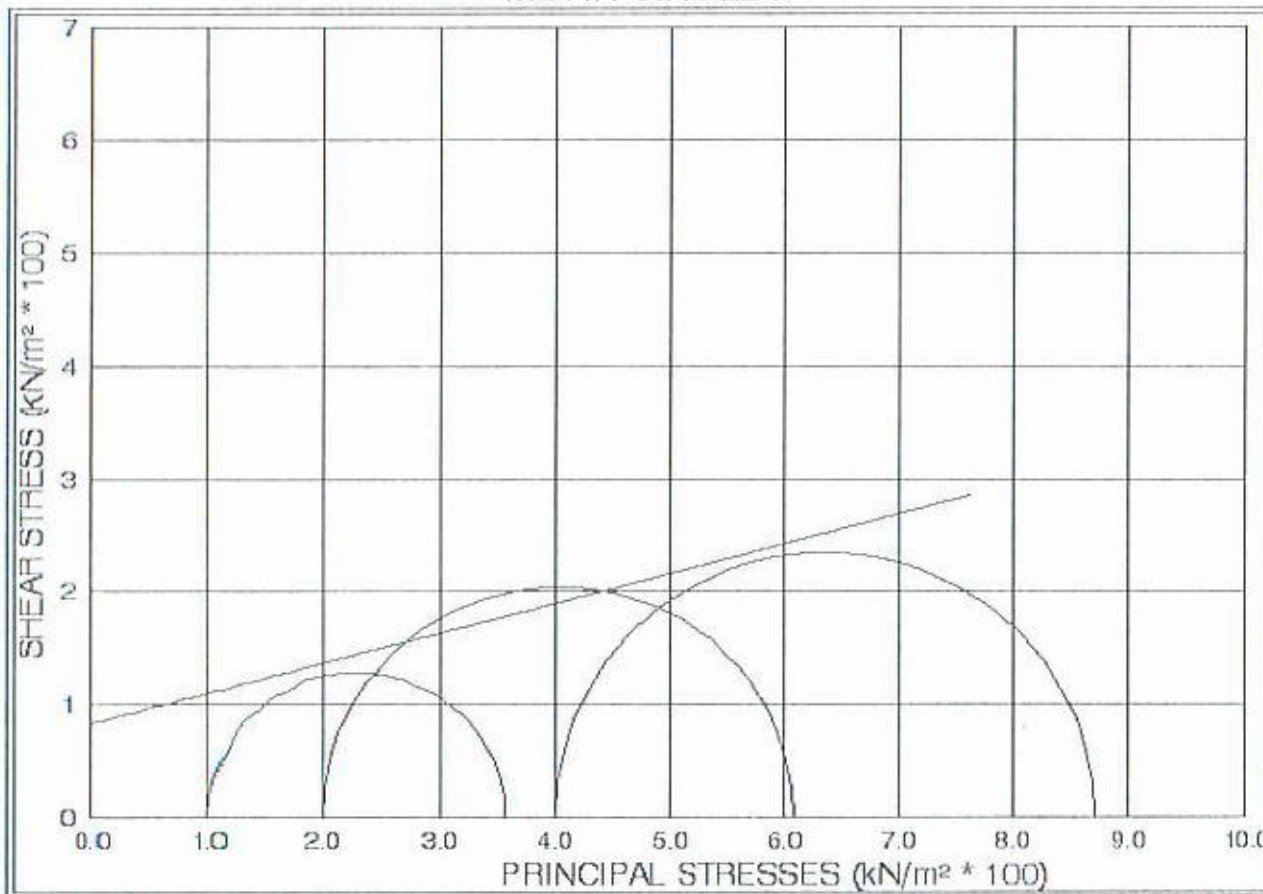
AVERAGE SHEAR STRENGTH = 189 kN/m²

APPARENT COHESION = 84 kN/m²
 ANGLE of SHR. RESISTANCE = 15 Degrees

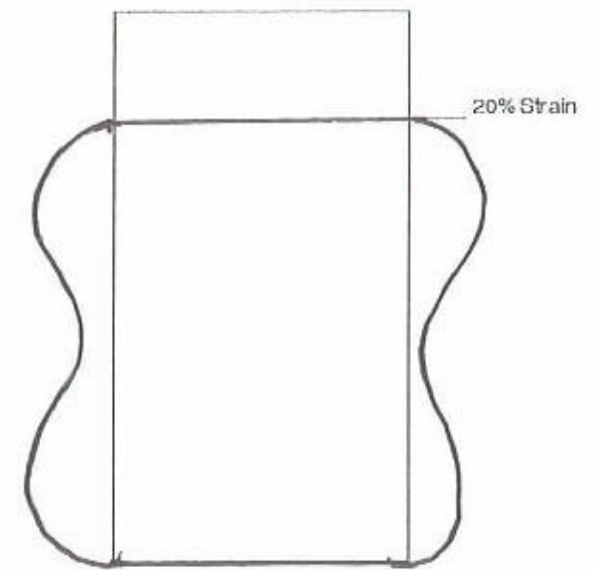
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	39.27		0			
1	39.80	1.3	2	5	0.16	39
2	40.34	2.6	4	11	0.39	97
3	40.89	4.0	6	16	0.59	143
4	41.46	5.3	8	21	0.78	189
5	42.05	6.6	10	26	0.98	232
6	42.65	7.9	12	29	1.09	257
7	43.28	9.3	14	33	1.21	280
8	43.92	10.6	16	37	1.37	312
9	44.57	11.9	18	41	1.52	342
10	45.25	13.2	20	47	1.76	389
11	45.95	14.5	22	50	1.88	408
12	46.68	15.9	24	53	1.96	419
13	47.42	17.2	26	57	2.11	445
14	48.19	18.5	28	60	2.23	462
15	48.99	19.8	30	62	2.31	471
16	49.81	21.2	32	63	2.35	471
17	50.66	22.5	34	64	2.39	471
18	51.54	23.8	36	65	2.42	470
19	52.45	25.1	38	65	2.42	462
20	53.39	26.4	40	66	2.46	461
21	54.37	27.8	42	67	2.50	460



MOHR CIRCLES



FAILURE



COMMENTS:

Prepared by : Vertical Extrusion \ Remoulding.
 71mm Diameter Multi-stage test - (one specimen)

Originator
 Checked & Approved

QUICK UNDRAINED TRIAXIAL COMPRESSION TEST

in accordance with
 BS EN ISO 17892: Part8

Robroyston North. M505

**Ailken
 Laboratories
 Limited**

Template: RS03

Ailken Laboratories Ltd, Castlehill House, Bank St, Slamanan, FK13EZ

Print Date: 15/03/2020

Print Time: 10:13 AM

SITE : Robroyston North. M505

Template: RS05

Job Number M-: 505
 Exp.Point :BHS314
 DEPTH : 1.20 m.
 Description : Grey gravelly sandy clay

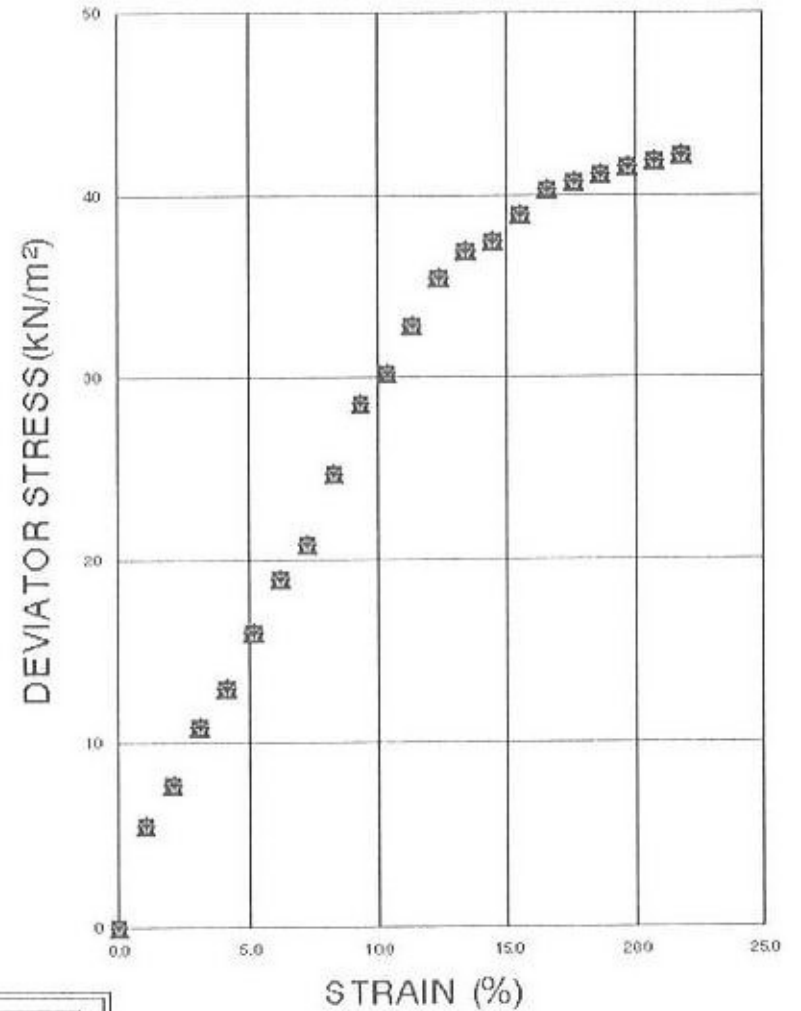
SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3507 gms.
 DIAMETER OF SPECIMEN = 100 m.m.
 HEIGHT OF SPECIMEN = 193 m.m.
 WT.of WET SAMPLE + TIN = 632 gms.
 WT.of DRY SAMPLE + TIN = 543 gms.
 WT.of TIN = 42.3 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

SPEC. / STAGE No: 1 2 3

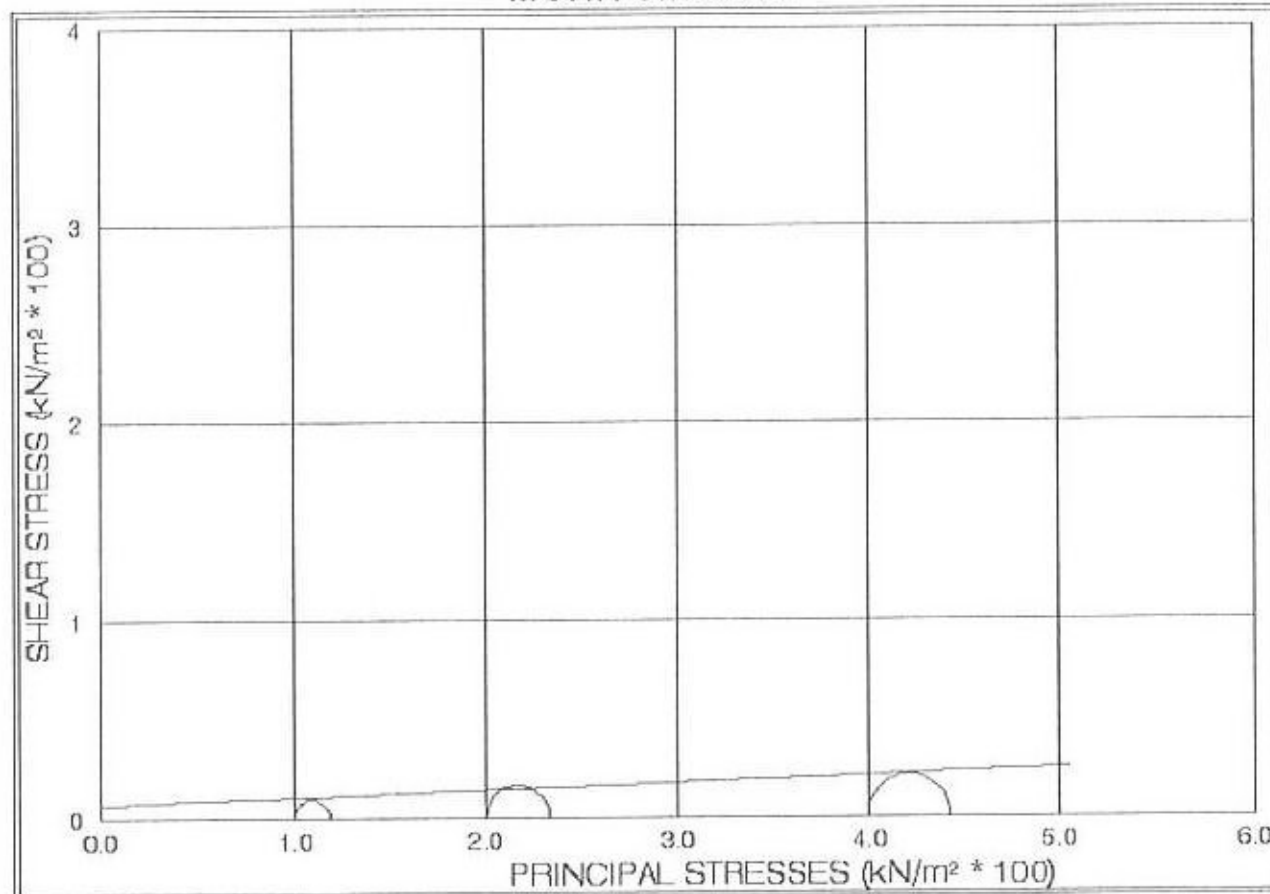
WATER CONT. = 17.9 % dry weight
 BULK DENSITY = 2.31 Mg/m³
 DRY DENSITY = 1.96 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 9 16 21 kN/m²
 STRAIN at FAILURE = 6 11 22 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.
 AVERAGE SHEAR STRENGTH = 16 kN/m²
 APPARENT COHESION = 7 kN/m²
 ANGLE of SHR. RESISTANCE = 2 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	78.54		0			
1	79.36	1.0	2	8	0.04	6
2	80.20	2.1	4	10	0.06	8
3	81.06	3.1	6	13	0.09	11
4	81.94	4.1	8	15	0.11	13
5	82.83	5.2	10	18	0.13	16
6	83.75	6.2	12	21	0.16	19
7	84.68	7.3	14	27	0.18	21
8	85.64	8.3	16	31	0.21	25
9	86.62	9.3	18	35	0.25	29
10	87.62	10.4	20	37	0.26	30
11	88.64	11.4	22	40	0.29	33
12	89.69	12.4	24	49	0.32	35
13	90.77	13.5	26	51	0.34	37
14	91.87	14.5	28	52	0.34	37
15	92.99	15.5	30	54	0.36	39
16	94.15	16.6	32	56	0.38	40
17	95.33	17.6	34	57	0.39	41
18	96.55	18.7	36	58	0.40	41
19	97.79	19.7	38	59	0.41	42
20	99.07	20.7	40	60	0.42	42
21	100.39	21.8	42	61	0.42	42

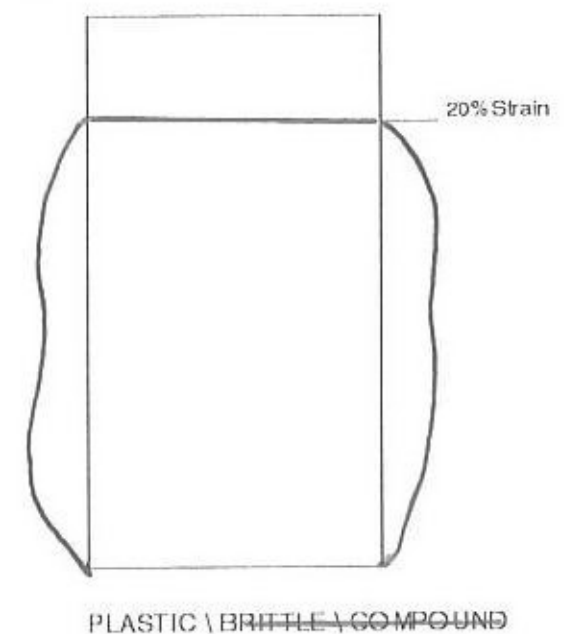
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding.
 100mm Diameter Multi-stage test- (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Slammanan, FK1 3EZ

Print Date: 09/03/2020

Print Time: 10:40 AM

Originator
 Checked
 Approved

QUICK UNDRAINED TRIAXIAL COMPRESSION TEST
 in accordance with
 BS EN ISO 17892: Part8

Robroyston North. M505

Aitken
 Laboratories
 Limited

SITE : Robroyston North. M505

Template: RS05

Job Number M-: 505
 Exp.Point : BHS315
 DEPTH : 1.20 m.
 Description : Grey gravelly sandy clay

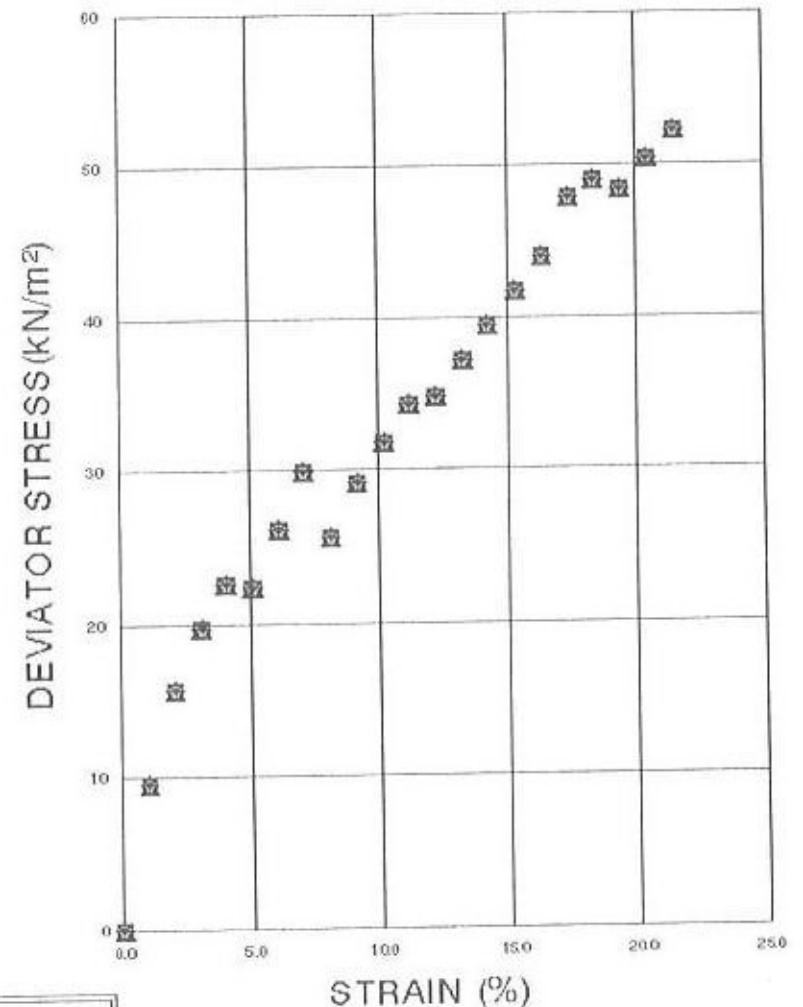
SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3574 gms.
 DIAMETER OF SPECIMEN = 102 m.m.
 HEIGHT OF SPECIMEN = 196 m.m.
 WT.of WET SAMPLE + TIN = 742 gms.
 WT.of DRY SAMPLE + TIN = 647 gms.
 WT.of TIN = 42.5 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

SPEC. / STAGE No : 1 2 3

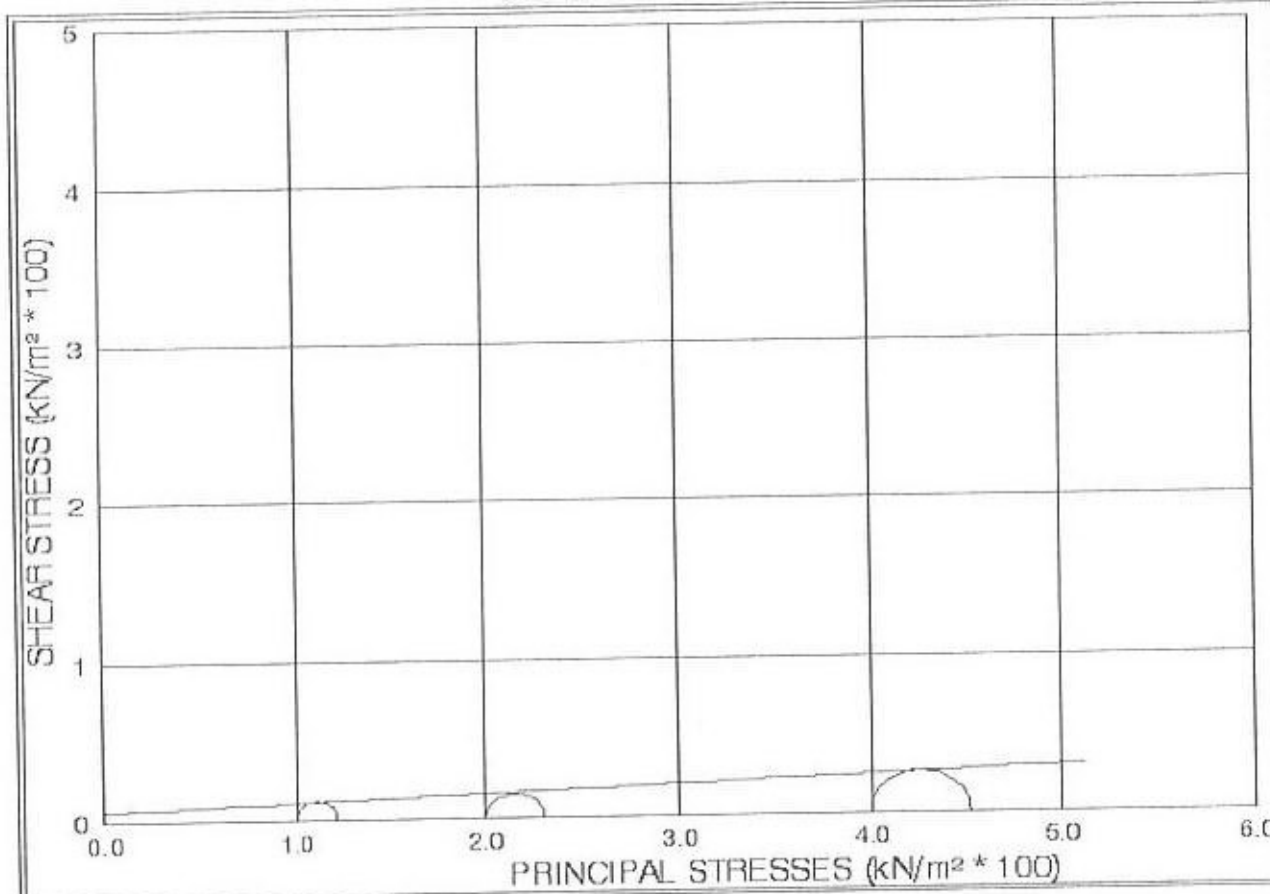
WATER CONT. = 15.8 % dry weight
 BULK DENSITY = 2.22 Mg/m³
 DRY DENSITY = 1.91 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 11 15 26 kN/m²
 STRAIN at FAILURE = 4 7 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.
 AVERAGE SHEAR STRENGTH = 17 kN/m²
 APPARENT COHESION = 6 kN/m²
 ANGLE of SHR. RESISTANCE = 3 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	82.37		0			
1	83.22	1.0	2	12	0.08	10
2	84.09	2.0	4	18	0.13	16
3	84.97	3.1	6	22	0.17	20
4	85.88	4.1	8	25	0.19	23
5	86.80	5.1	10	29	0.19	22
6	87.75	6.1	12	33	0.23	26
7	88.71	7.1	14	37	0.26	30
8	89.70	8.2	16	39	0.23	26
9	90.71	9.2	18	43	0.26	29
10	91.74	10.2	20	46	0.29	32
11	92.80	11.2	22	49	0.32	34
12	93.88	12.3	24	50	0.33	35
13	94.98	13.3	26	53	0.35	37
14	96.11	14.3	28	56	0.38	40
15	97.27	15.3	30	59	0.41	42
16	98.46	16.3	32	62	0.43	44
17	99.68	17.4	34	67	0.48	48
18	100.92	18.4	36	69	0.49	49
19	102.20	19.4	38	69	0.49	48
20	103.51	20.4	40	72	0.52	50
21	104.86	21.4	42	75	0.55	52

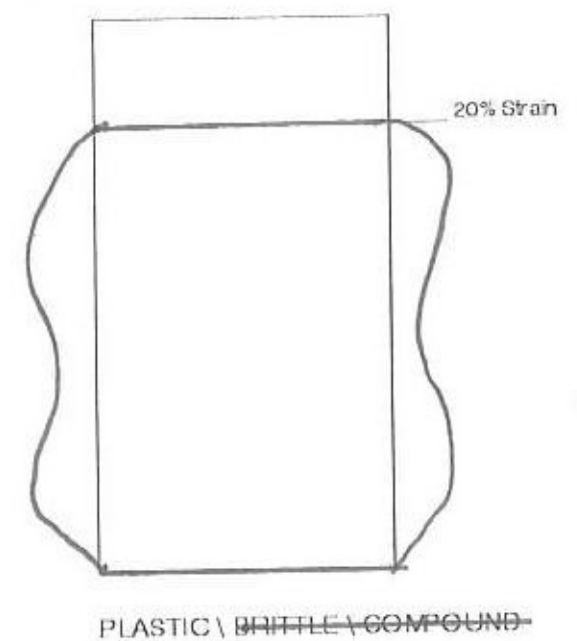
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding
 102mm Diameter Multi-stage test- (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St., Siamanan, FK1 3EZ

Print Date: 07/03/2020
 Print Time: 07:51 AM

Originator: [Redacted]
 Checked & Approved: [Redacted]
QUICK UNDRAINED TRIAXIAL COMPRESSION TEST
 in accordance with
 BS EN ISO 17892: Part8
 Robroyston North. M505

Aitken Laboratories Limited

SITE : Robroyston North. M505

Template: RS05

Job Number M-: 505
 Exp.Point :BH 5316
 DEPTH : 1.20 m.
 Description : Brown gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 2294 gms.
 DIAMETER OF SPECIMEN = 83.4 m.m.
 HEIGHT OF SPECIMEN = 195 m.m.
 WT.of WET SAMPLE+TIN = 563 gms.
 WT.of DRY SAMPLE+TIN = 485 gms.
 WT.of TIN = 42.5 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

SPEC. / STAGE No: 1 2 3

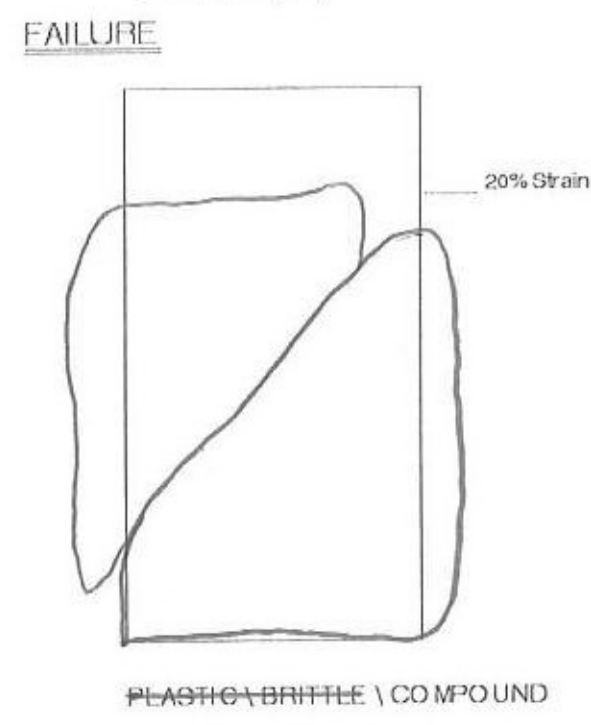
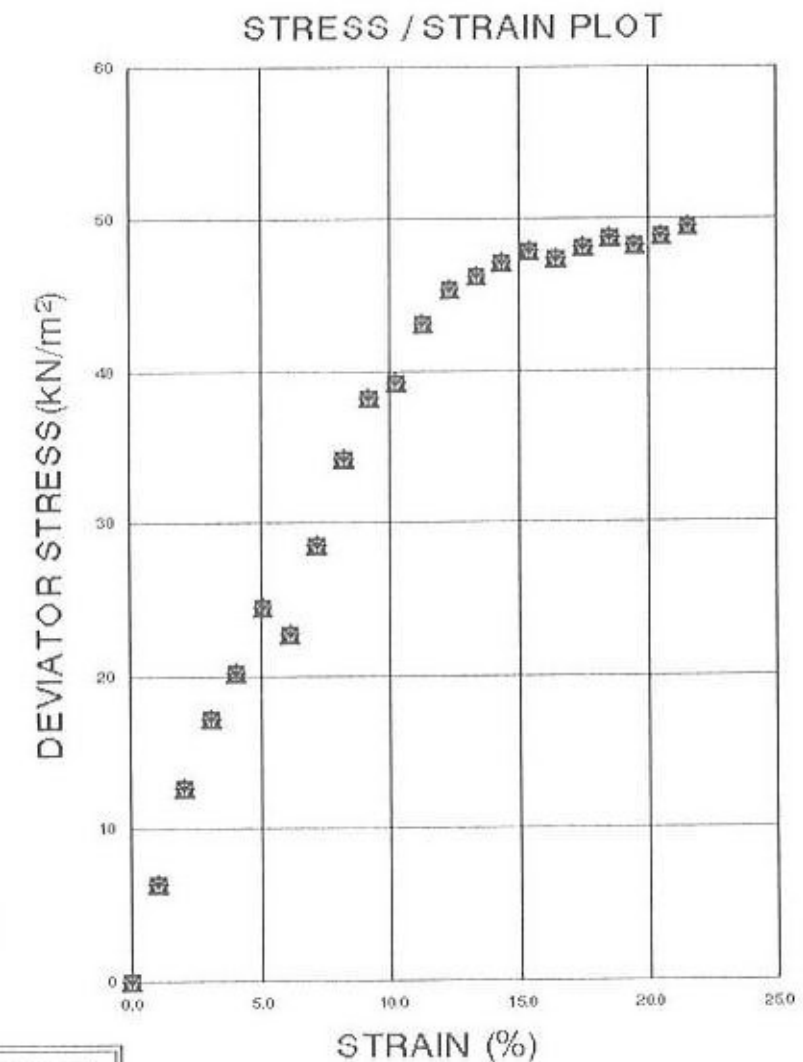
WATER CONT. =	17.6	% dry weight
BULK DENSITY =	2.16	Mg/m ³
DRY DENSITY =	1.83	Mg/m ³
CELL PRESSURES =	100 200 400	kN/m ²
SHEAR STRENGTH =	12 19 25	kN/m ²
STRAIN at FAILURE =	5 9 22	%
RATE of STRAIN =	2 2 2	%/min.
MEMBRANE TYPE =	Standard Latex - 0.5mm. thick.	

AVERAGE SHEAR STRENGTH = 19 kN/m²

APPARENT COHESION = 9 kN/m²

ANGLE of SHR. RESISTANCE = 2 Degrees

HEAD No	AREA cm ²	STRAIN %	STRAIN mm	PROVNG RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
1	54.59		0			
2	55.16	1.0	2	7	0.04	6
3	55.73	2.1	4	11	0.07	13
4	56.32	3.1	6	14	0.10	17
5	56.93	4.1	8	16	0.11	20
6	57.54	5.1	10	19	0.14	25
7	58.17	6.2	12	22	0.13	23
8	58.81	7.2	14	26	0.17	29
9	59.47	8.2	16	30	0.20	34
10	60.14	9.2	18	33	0.23	38
11	60.83	10.3	20	40	0.24	39
12	61.54	11.3	22	43	0.26	43
13	62.26	12.3	24	45	0.28	45
14	62.99	13.3	26	46	0.29	46
15	63.75	14.4	28	47	0.30	47
16	64.52	15.4	30	48	0.31	48
17	65.31	16.4	32	48	0.31	47
18	66.13	17.4	34	49	0.32	48
19	66.96	18.5	36	50	0.33	49
20	67.81	19.5	38	50	0.33	48
21	68.69	20.5	40	51	0.34	49
22	69.59	21.6	42	52	0.34	49



COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding.
 83mm Diameter Multi-stage test -- (one specimen)

Aitken Laboratories Ltd. Castlehill House, Bank St. Slamanan, FK13EZ

Print Time: 07:44 AM Print Date: 07/03/2020

Originator	[REDACTED]	QUICK UNDRAINED TRIAXIAL COMPRESSION TEST in accordance with BS EN ISO 17892: Part8	Aitken Laboratories Limited
Checked & Approved		Robroyston North. M505	

SITE : Robroyston North. M505

Template: RS03

Job Number M-: 505
 Exp. Point : BH S318
 DEPTH : 3.00 m.
 Description : Grey gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 2415 gms.
 DIAMETER OF SPECIMEN = 83 m.m.
 HEIGHT OF SPECIMEN = 199 m.m.
 WT. of WET SAMPLE + TIN = 604 gms.
 WT. of DRY SAMPLE + TIN = 547 gms.
 WT. of TIN = 42.6 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

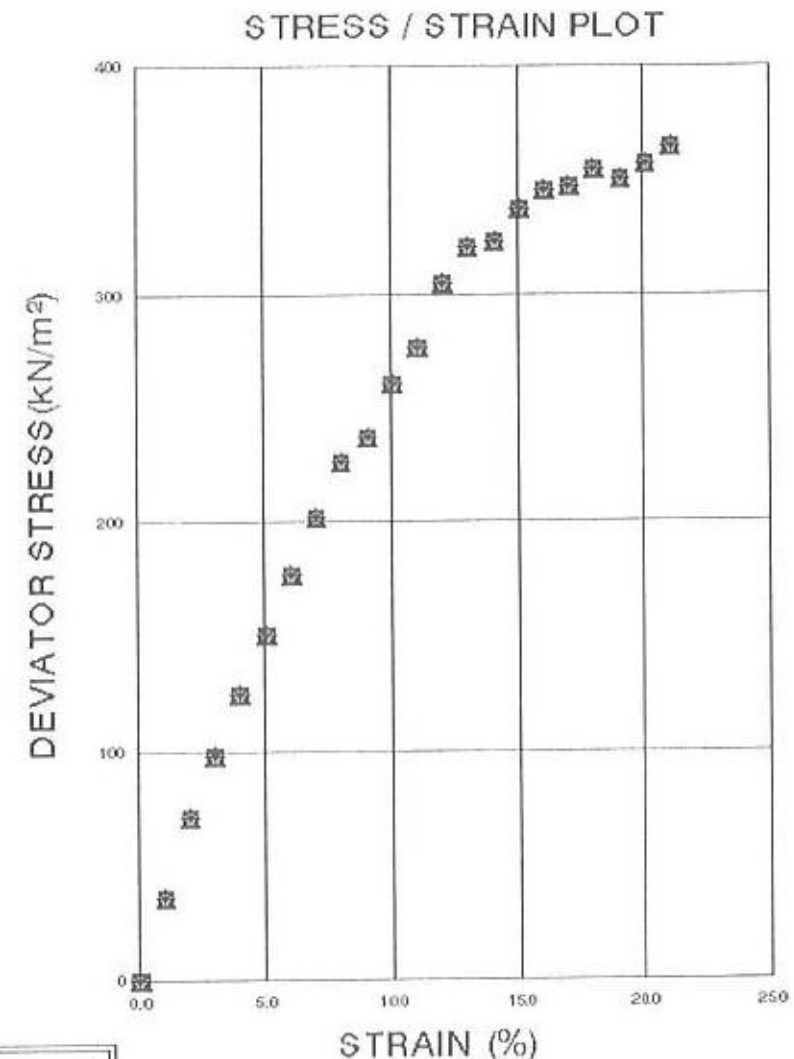
SPEC. / STAGE No: 1 2 3

WATER CONT. = 11.2 % dry weight
 BULK DENSITY = 2.24 Mg/m³
 DRY DENSITY = 2.02 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 113 160 182 kN/m²
 STRAIN at FAILURE = 8 13 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

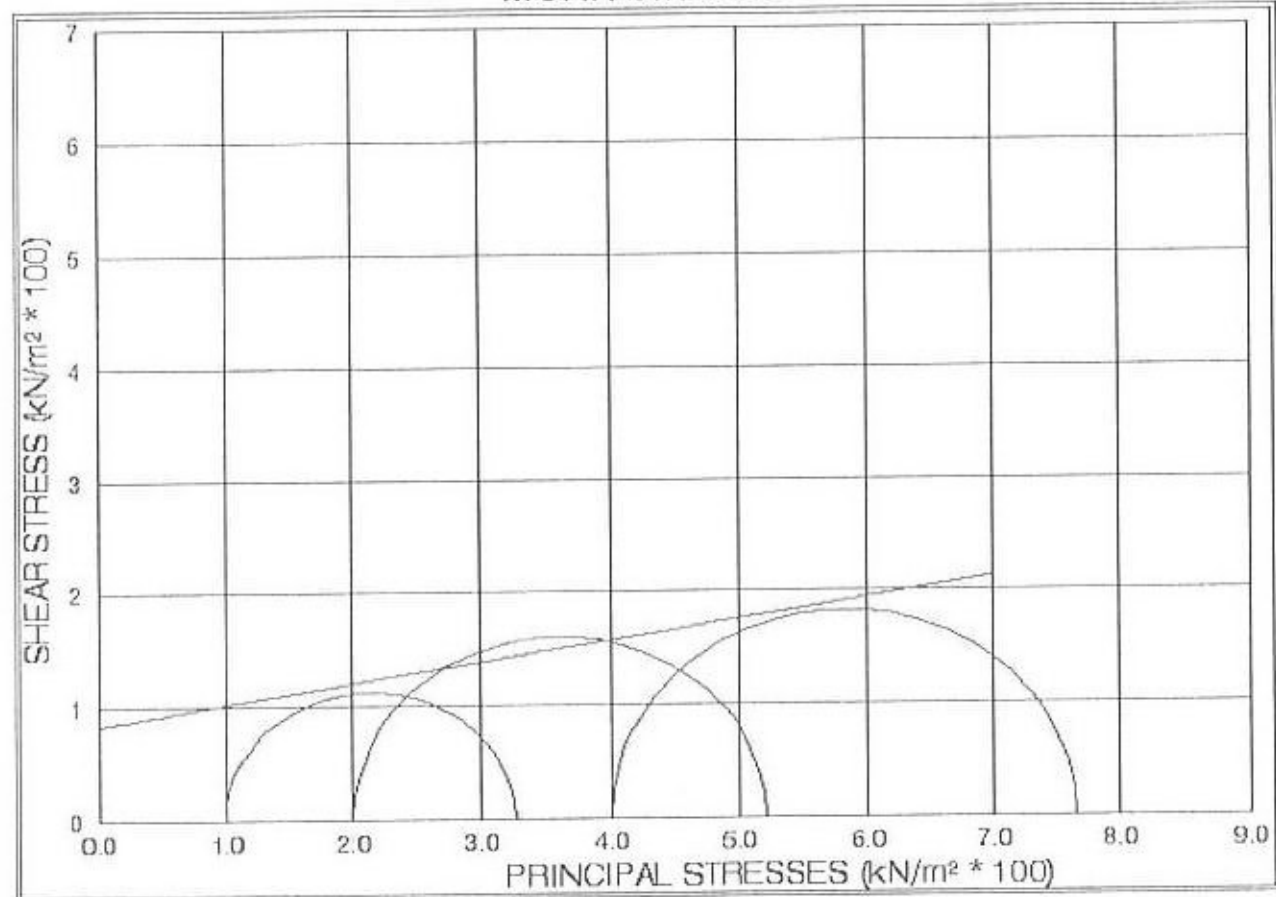
AVERAGE SHEAR STRENGTH = 152 kN/m²

APPARENT COHESION = 84 kN/m²
 ANGLE of SHR. RESISTANCE = 10 Degrees

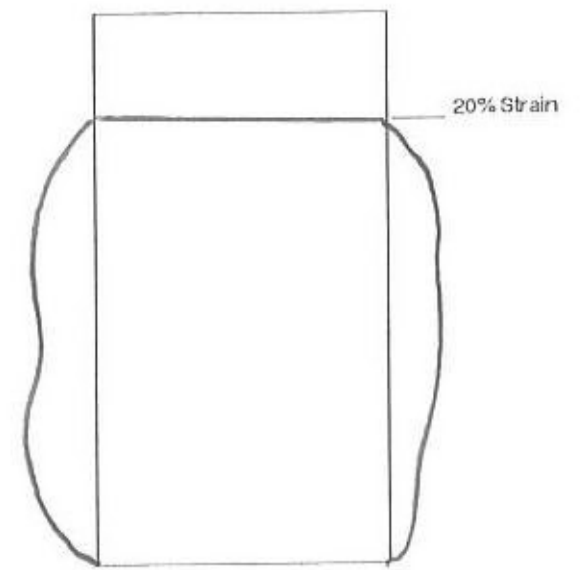
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	54.11		0			
1	54.66	1.0	2	6	0.20	36
2	55.22	2.0	4	11	0.39	71
3	55.79	3.0	6	15	0.55	98
4	56.37	4.0	8	19	0.70	125
5	56.97	5.0	10	23	0.86	151
6	57.58	6.0	12	27	1.02	177
7	58.20	7.0	14	31	1.17	202
8	58.84	8.0	16	35	1.33	226
9	59.49	9.0	18	38	1.41	237
10	60.15	10.1	20	42	1.56	260
11	60.83	11.1	22	45	1.68	276
12	61.53	12.1	24	50	1.88	305
13	62.24	13.1	26	53	1.99	320
14	62.97	14.1	28	55	2.03	323
15	63.71	15.1	30	58	2.15	338
16	64.47	16.1	32	60	2.23	346
17	65.26	17.1	34	61	2.27	348
18	66.05	18.1	36	63	2.35	355
19	66.88	19.1	38	63	2.35	351
20	67.72	20.1	40	65	2.42	358
21	68.58	21.1	42	67	2.50	365



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding.
 83mm Diameter Multi-stage test - (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Sliamanan, FK13EZ

Print Time: 10:16 AM Print Date: 09/03/2020

Originator	QUICK UNDRAINED TRIAXIAL COMPRESSION TEST in accordance with BS EN ISO 17892: Part8	Aitken Laboratories Limited
Checked & Approved	Robroyston North. M505	