

SITE : Robroyston North. M505

Template: RS05

Job Number M-: 505
 Exp.Point: BH 5319
 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 = 3348 gms.
 DIAMETER OF SPECIMEN = 99.9 m.m.
 HEIGHT OF SPECIMEN = 203 m.m.
 WT.of WET SAMPLE + TIN = 627 gms.
 WT.of DRY SAMPLE + TIN = 551 gms.
 WT.of TIN = 41.9 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

SPEC. / STAGE No: 1 2 3

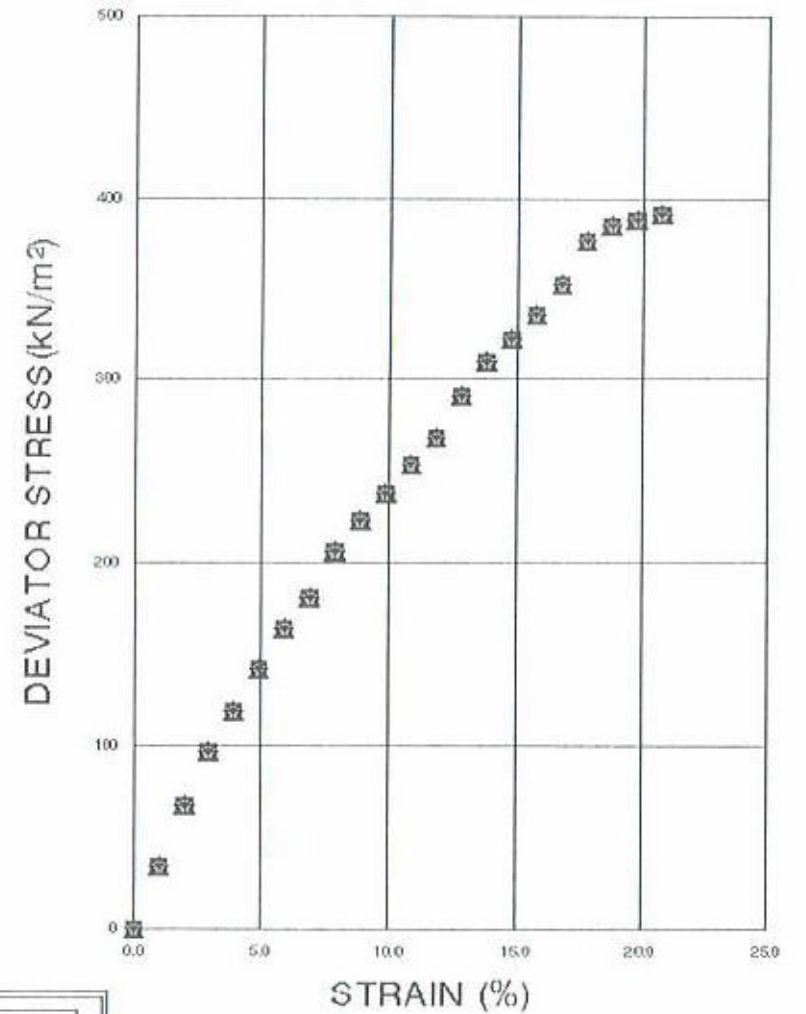
WATER CONT. = 14.9 % dry weight
 BULK DENSITY = 2.10 Mg/m³
 DRY DENSITY = 1.83 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 127 168 196 kN/m²
 STRAIN at FAILURE = 11 16 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

 AVERAGE SHEAR STRENGTH = 163 kN/m²

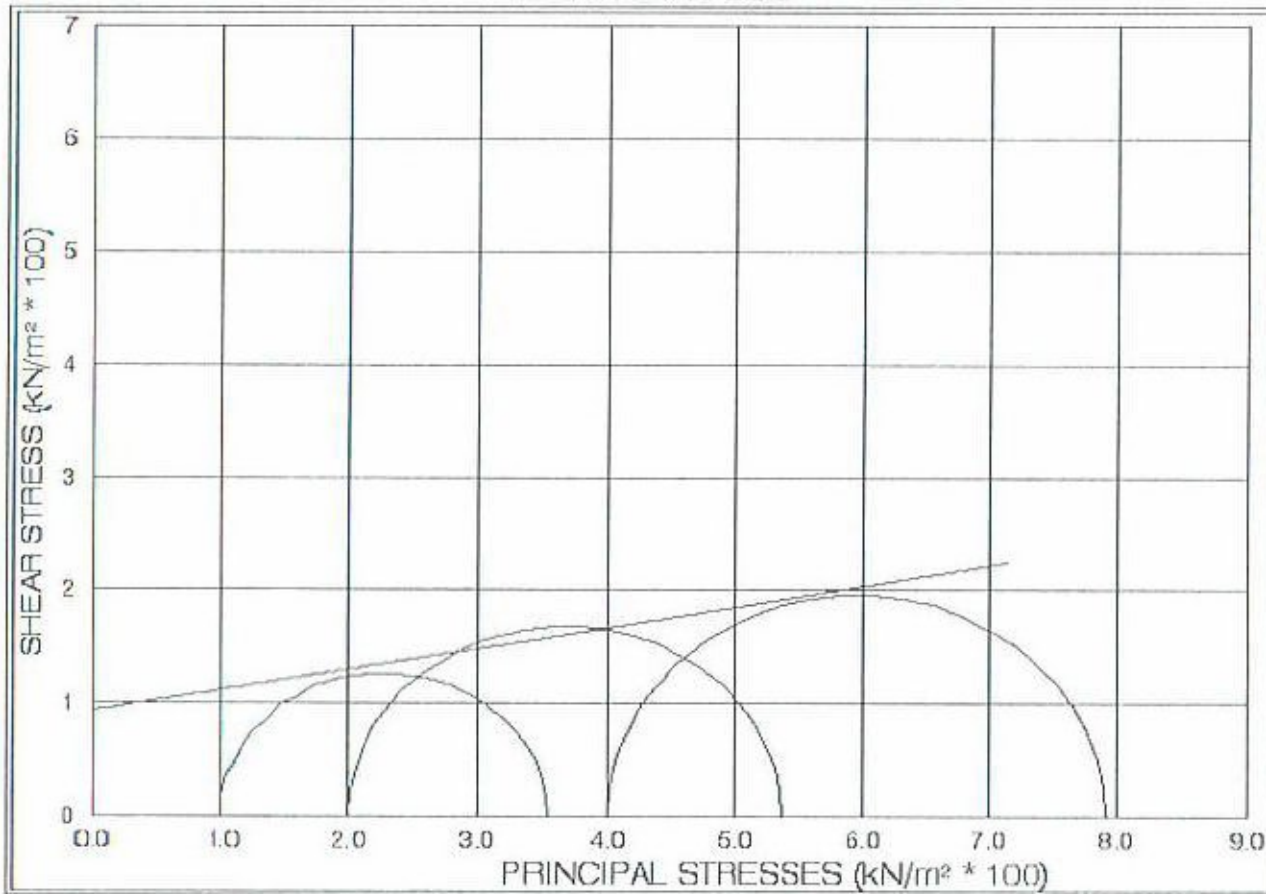
 APPARENT COHESION = 93 kN/m²
 ANGLE of SHR. RESISTANCE = 10 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	78.43		0			
1	79.21	1.0	2	8	0.27	35
2	80.01	2.0	4	15	0.55	68
3	80.82	3.0	6	21	0.78	97
4	81.65	3.9	8	26	0.98	120
5	82.49	4.9	10	31	1.17	142
6	83.36	5.9	12	36	1.37	164
7	84.24	6.9	14	40	1.52	181
8	85.14	7.9	16	46	1.76	207
9	86.06	8.9	18	50	1.92	223
10	87.00	9.9	20	54	2.07	238
11	87.96	10.8	22	58	2.23	253
12	88.95	11.8	24	63	2.39	268
13	89.95	12.8	26	69	2.62	291
14	90.98	13.8	28	74	2.82	309
15	92.03	14.8	30	78	2.97	323
16	93.11	15.8	32	82	3.13	336
17	94.21	16.8	34	88	3.32	353
18	95.34	17.7	36	95	3.60	377
19	96.50	18.7	38	98	3.71	385
20	97.68	19.7	40	100	3.79	388
21	98.89	20.7	42	102	3.87	391

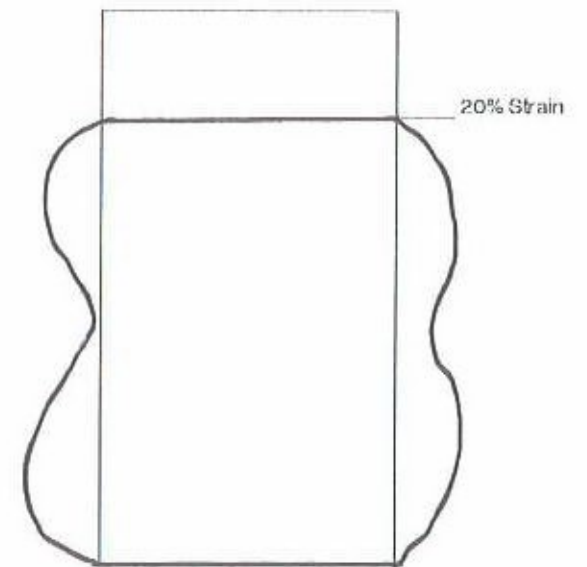
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

COMMENTS:

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

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

Print Time: 09:24 AM Print Date: 06/03/2020

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 : BH5321
 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 = 3268 gms.
 DIAMETER OF SPECIMEN = 100 m.m.
 HEIGHT OF SPECIMEN = 202 m.m.
 WT. of WET SAMPLE + TIN = 687 gms.
 WT. of DRY SAMPLE + TIN = 596 gms.
 WT. of TIN = 42.7 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

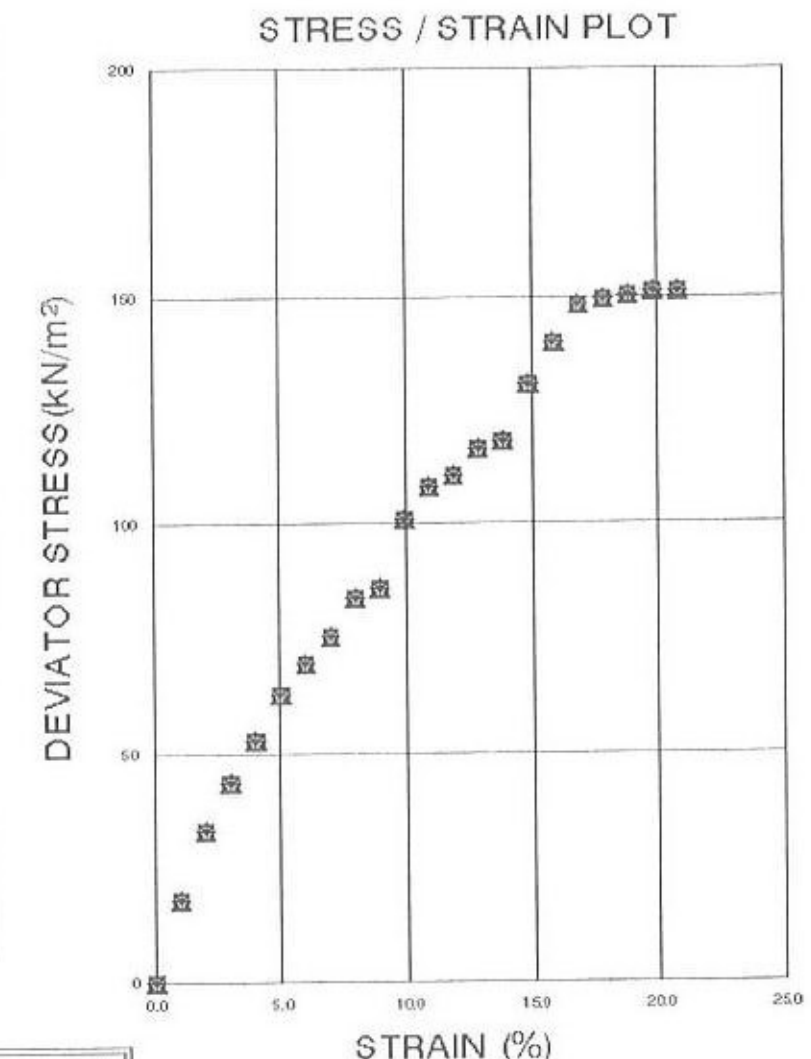
SPEC. / STAGE No : 1 2 3

WATER CONT. = 16.4 % dry weight
 BULK DENSITY = 2.06 Mg/m³
 DRY DENSITY = 1.77 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 43 59 76 kN/m²
 STRAIN at FAILURE = 9 14 20 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

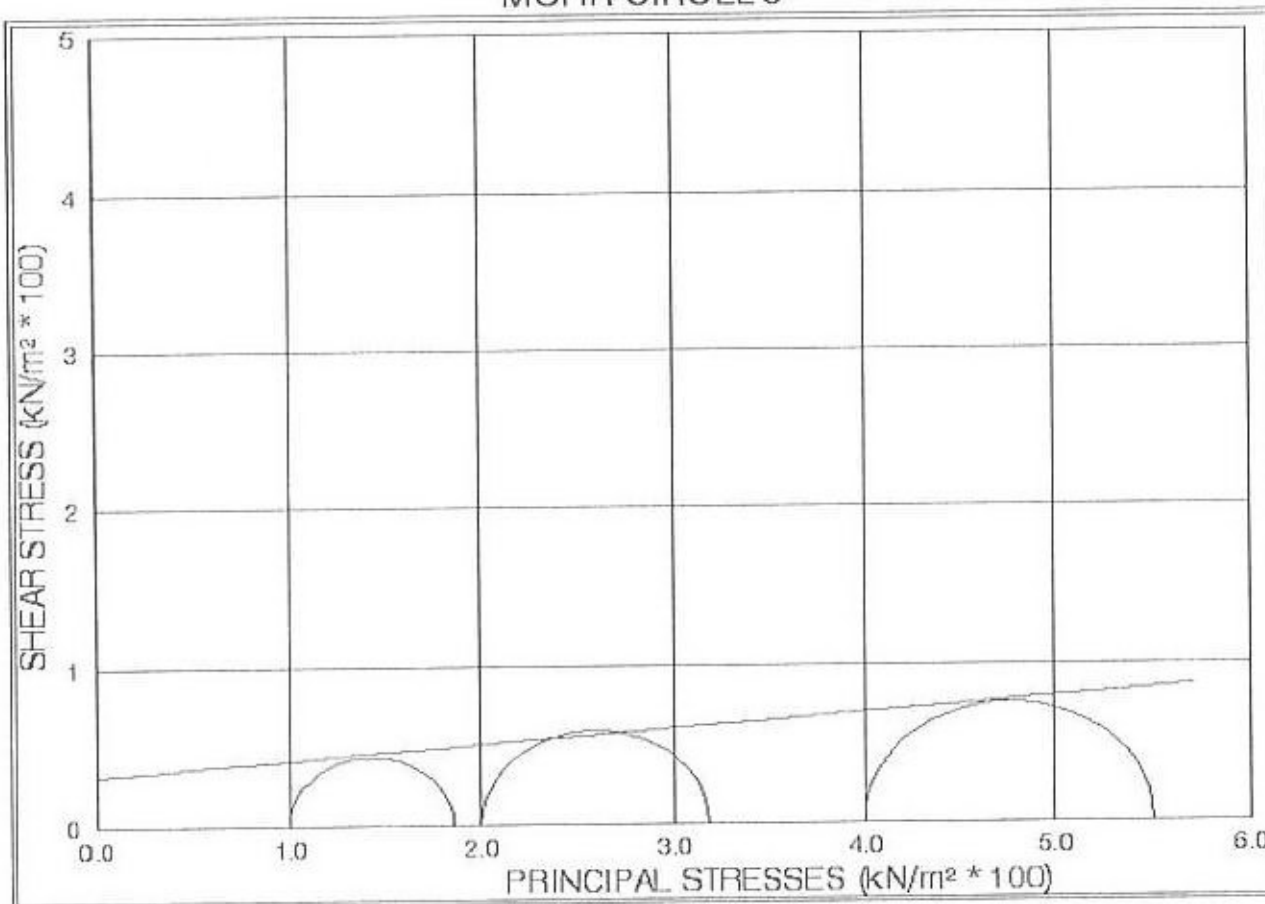
AVERAGE SHEAR STRENGTH = 59 kN/m²

APPARENT COHESION = 31 kN/m²
 ANGLE of SHR. RESISTANCE = 5 Degrees

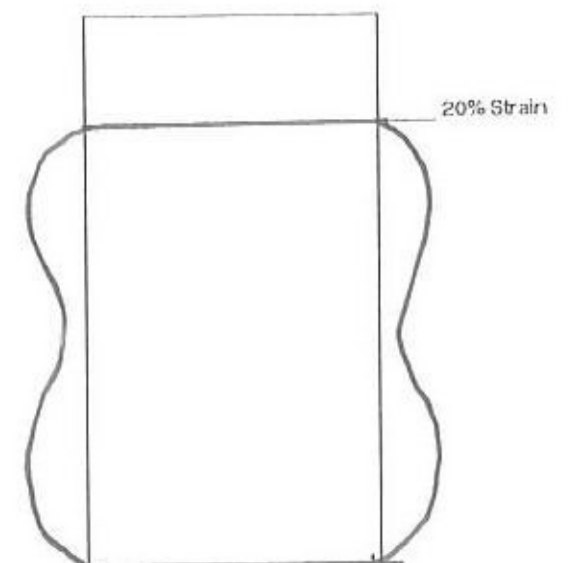
READ No	AREA cm ²	STRAIN %	STRAN mm	PROVNG RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	78.70		0			
1	79.48	1.0	2	19	0.14	18
2	80.29	2.0	4	33	0.26	33
3	81.11	3.0	6	43	0.35	44
4	81.95	4.0	8	52	0.43	53
5	82.80	5.0	10	62	0.52	63
6	83.67	5.9	12	69	0.58	70
7	84.56	6.9	14	75	0.64	75
8	85.47	7.9	16	84	0.72	84
9	86.40	8.9	18	87	0.74	86
10	87.36	9.9	20	107	0.88	101
11	88.33	10.9	22	115	0.95	108
12	89.32	11.9	24	119	0.99	111
13	90.34	12.9	26	126	1.05	116
14	91.38	13.9	28	129	1.08	118
15	92.44	14.9	30	150	1.21	131
16	93.53	15.9	32	161	1.31	140
17	94.64	16.9	34	172	1.40	148
18	95.79	17.8	36	175	1.43	149
19	96.96	18.8	38	178	1.46	150
20	98.15	19.8	40	181	1.48	151
21	99.38	20.8	42	183	1.50	151



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

COMMENTS:

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

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

Print Date: 07/03/2020

Print Time: 07:52 AM

Originator: [Redacted]
 Checked & Approved: [Redacted]

QUICK UNDRAINED TRIAXIAL COMPRESSION TEST
 in accordance with
 BS EN ISO 17892: Part 8

Robroyston North. M505

**Aitken
 Laboratories
 Limited**

SITE : Robroyston North. M505

Template: RS03

Job Number M-: 505
 Exp. Point : BHS322
 DEPTH : 1.20 m.
 Description : Grey gravelly sandy clay

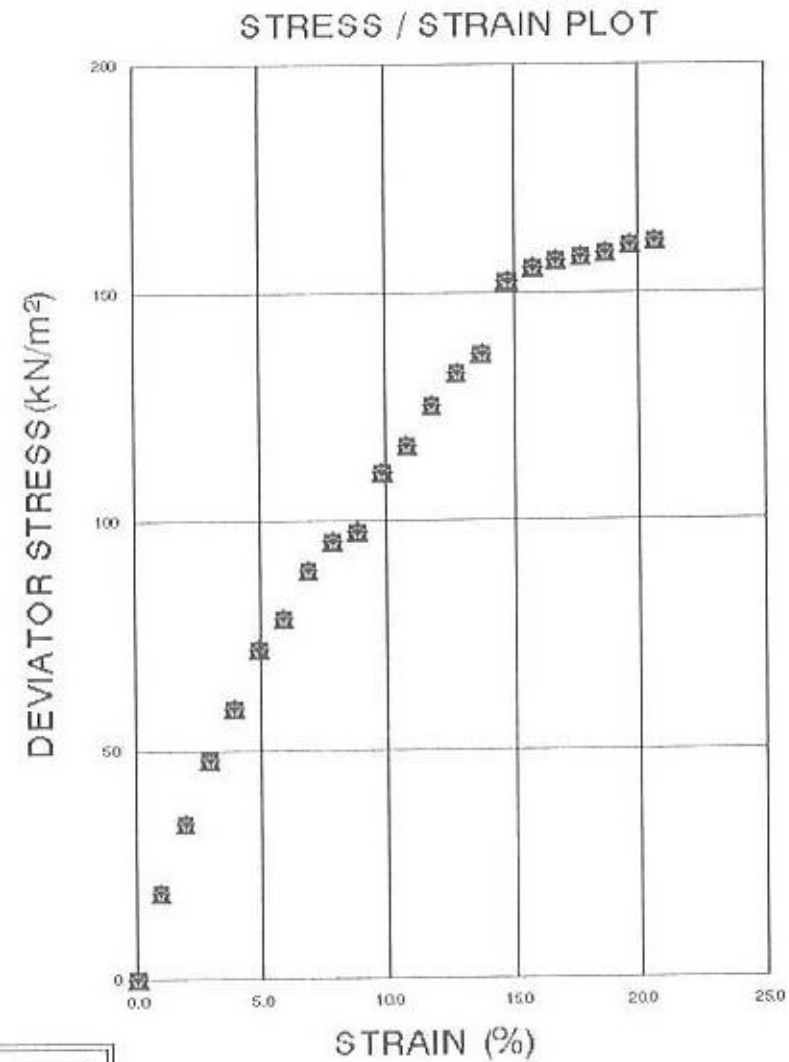
SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3328 gms.
 DIAMETER OF SPECIMEN = 100 m.m.
 HEIGHT OF SPECIMEN = 203 m.m.
 WT. of WET SAMPLE + TIN = 616 gms.
 WT. of DRY SAMPLE + TIN = 533 gms.
 WT. of TIN = 43.1 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

SPEC. / STAGE No : 1 2 3

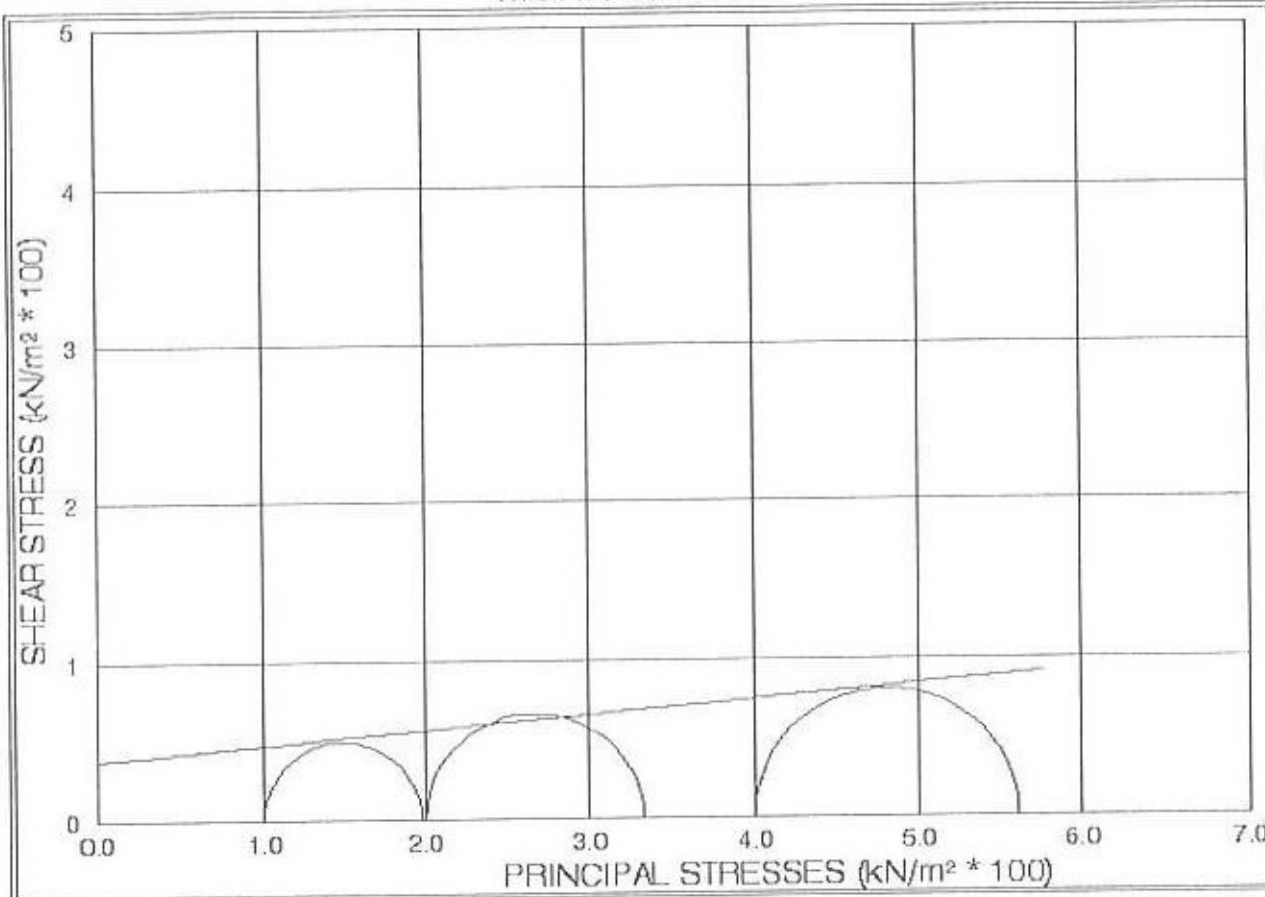
WATER CONT. = 17.0 % dry weight
 BULK DENSITY = 2.07 Mg/m³
 DRY DENSITY = 1.77 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 49 66 81 kN/m²
 STRAIN at FAILURE = 9 13 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

AVERAGE SHEAR STRENGTH = 65 kN/m²
 APPARENT COHESION = 38 kN/m²
 ANGLE of SHR. RESISTANCE = 5 Degrees

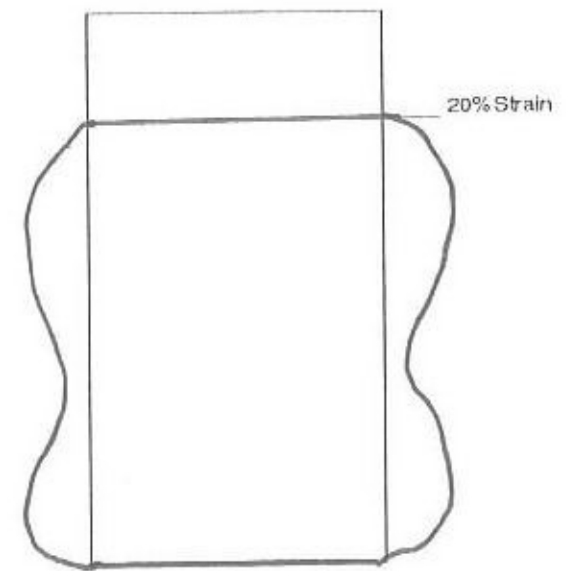
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	79.12		0			
1	79.91	1.0	2	20	0.15	19
2	80.71	2.0	4	34	0.27	34
3	81.53	3.0	6	47	0.39	48
4	82.36	3.9	8	58	0.49	59
5	83.21	4.9	10	71	0.60	72
6	84.08	5.9	12	78	0.66	79
7	84.97	6.9	14	89	0.76	89
8	85.88	7.9	16	96	0.82	96
9	86.81	8.9	18	99	0.85	98
10	87.75	9.8	20	117	0.97	111
11	88.72	10.8	22	124	1.03	116
12	89.71	11.8	24	134	1.12	125
13	90.72	12.8	26	143	1.20	132
14	91.76	13.8	28	155	1.25	137
15	92.81	14.8	30	173	1.41	152
16	93.90	15.7	32	178	1.46	155
17	95.01	16.7	34	182	1.49	157
18	96.14	17.7	36	185	1.52	158
19	97.31	18.7	38	188	1.55	159
20	98.50	19.7	40	192	1.58	160
21	99.72	20.7	42	195	1.61	161



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

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

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

Print Date: 07/03/2020

Print Time: 07:55 AM

Originator: [Redacted]

Checked & Approved: [Redacted]

QUICK UNDRAINED TRIAXIAL COMPRESSION TEST
 in accordance with
 BS EN ISO 17892: Part 8

Robroyston North. M505

**Ailken
 Laboratories
 Limited**

SITE : Robroyston North. M505

Template: RS03

Job Number M-: 505
 Exp.Point : BH 5322
 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 = 1300 gms.
 DIAMETER OF SPECIMEN = 69.1 m.m.
 HEIGHT OF SPECIMEN = 155 m.m.
 WT.of WET SAMPLE + TIN = 635 gms.
 WT.of DRY SAMPLE + TIN = 581 gms.
 WT.of TIN = 42.5 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

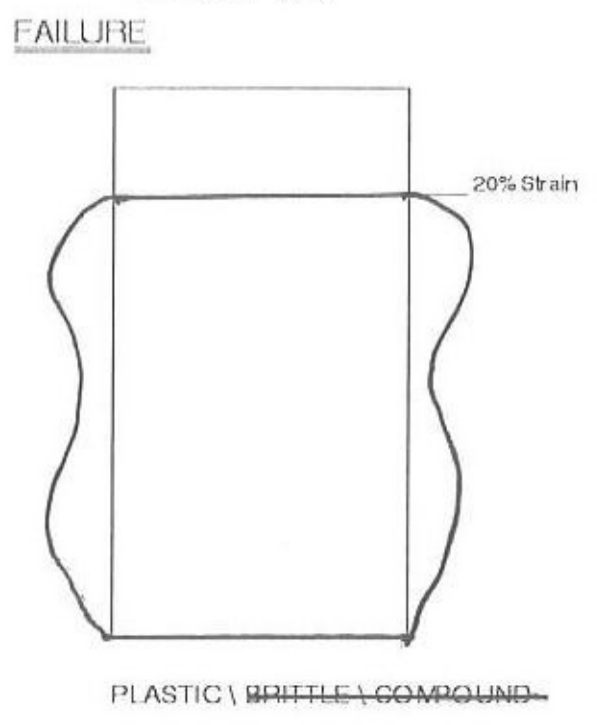
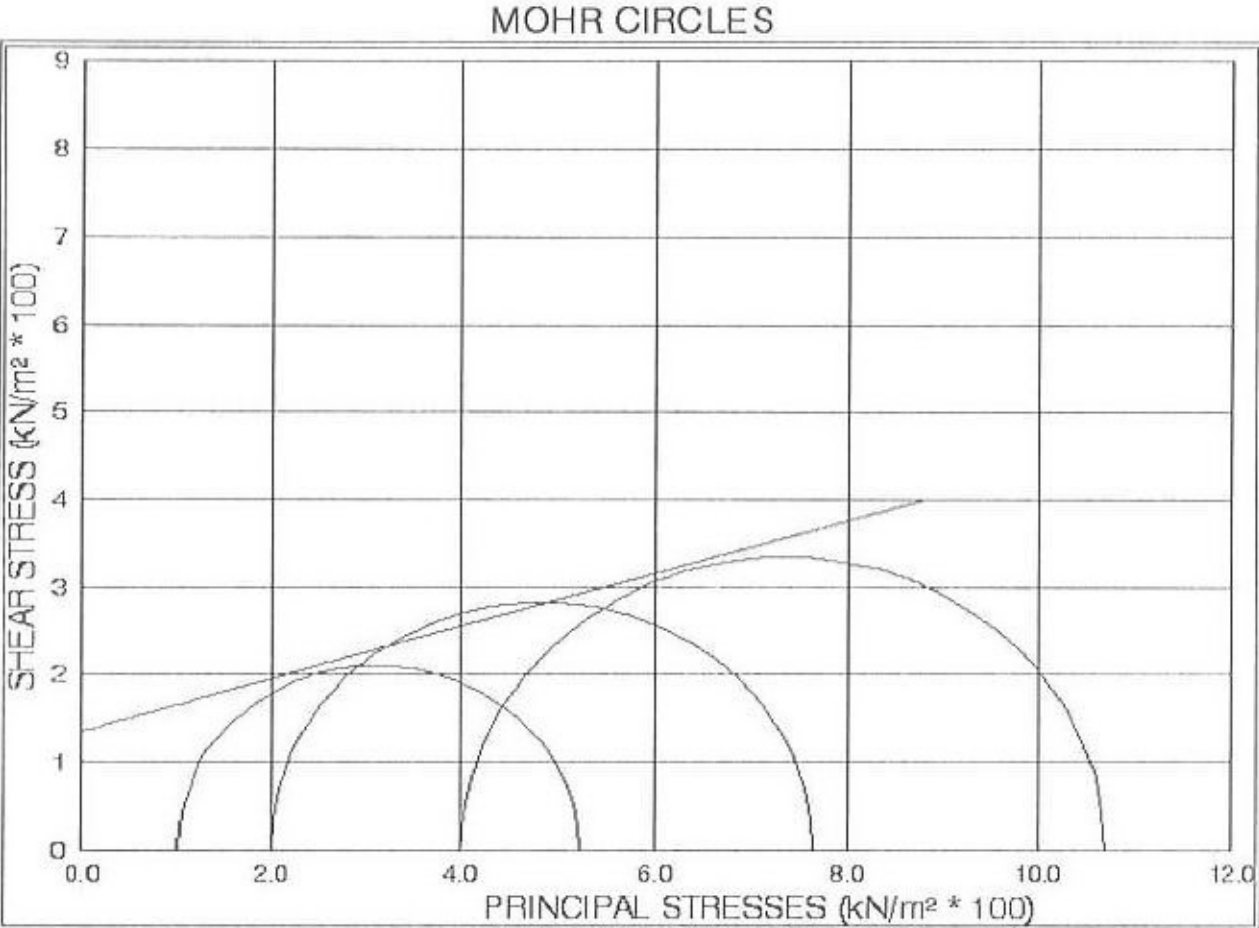
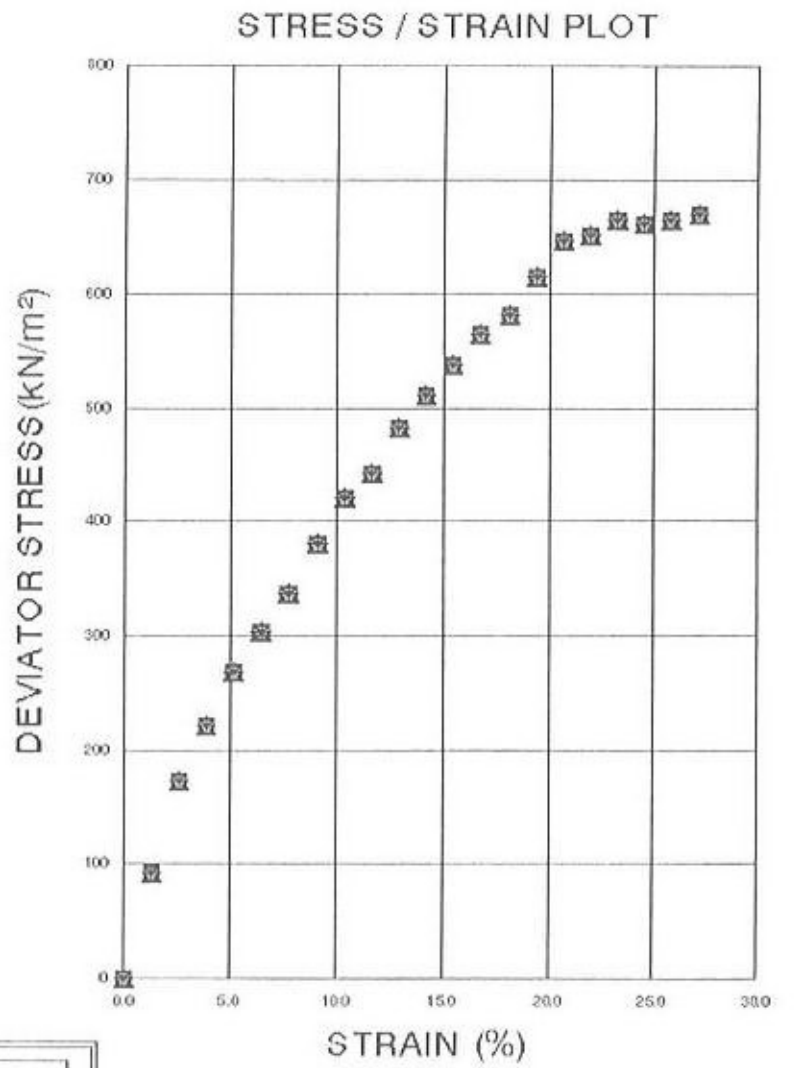
SPEC. / STAGE No: 1 2 3

WATER CONT. = 10.2 % dry weight
 BULK DENSITY = 2.24 Mg/m³
 DRY DENSITY = 2.03 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 211 282 335 kN/m²
 STRAIN at FAILURE = 10 17 27 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

AVERAGE SHEAR STRENGTH = 276 kN/m²

APPARENT COHESION = 136 kN/m²
 ANGLE of SHR. RESISTANCE = 17 Degrees

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
1	37.47		0			
2	37.96	1.3	2	10	0.35	93
3	38.46	2.6	4	18	0.66	173
4	38.98	3.9	6	23	0.86	221
5	39.51	5.2	8	28	1.06	267
6	40.05	6.5	10	32	1.21	303
7	40.61	7.7	12	36	1.37	337
8	41.19	9.0	14	41	1.56	380
9	41.78	10.3	16	46	1.76	421
10	42.39	11.6	18	50	1.88	443
11	43.02	12.9	20	55	2.07	482
12	43.67	14.2	22	59	2.23	510
13	44.34	15.5	24	63	2.39	538
14	45.02	16.8	26	67	2.54	564
15	45.73	18.1	28	71	2.66	581
16	46.47	19.4	30	76	2.85	614
17	47.22	20.7	32	81	3.05	646
18	48.00	21.9	34	83	3.13	652
19	48.81	23.2	36	86	3.25	665
20	49.65	24.5	38	87	3.28	662
21	50.51	25.8	40	89	3.36	666
22	51.40	27.1	42	91	3.44	669



COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding
 69mm Diameter Multi-stage test - (one specimen)

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

Print Date: 15/05/2020
Print Time: 10:11 AM

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

SITE : Robroyston North. M505

Template: RS03

Job Number M-: 505
 Exp. Point : BH324
 DEPTH : 3.00 m.
 Description : Brown gravelly sandy clay

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 2534 gms.
 DIAMETER OF SPECIMEN = 83.8 m.m.
 HEIGHT OF SPECIMEN = 198 m.m.
 WT. of WET SAMPLE + TIN = 620 gms.
 WT. of DRY SAMPLE + TIN = 561 gms.
 WT. of TIN = 42.6 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

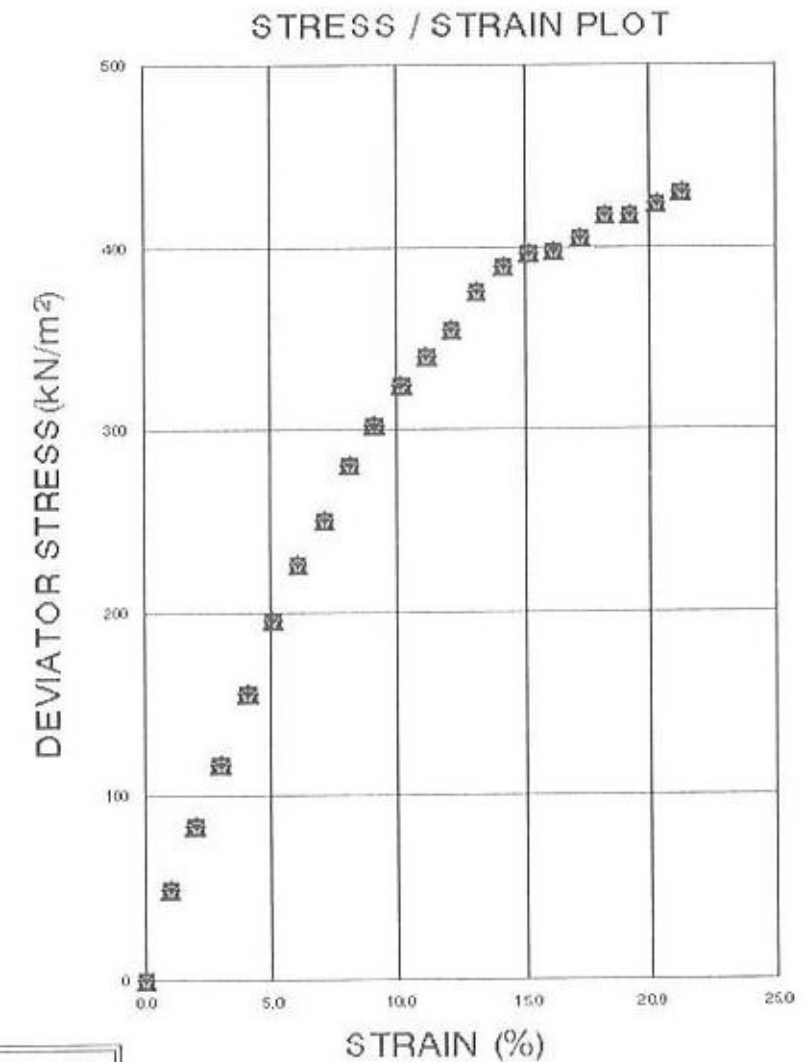
SPEC. / STAGE No : 1 2 3

WATER CONT. = 11.4 % dry weight
 BULK DENSITY = 2.32 Mg/m³
 DRY DENSITY = 2.09 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 113 170 215 kN/m²
 STRAIN at FAILURE = 6 11 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

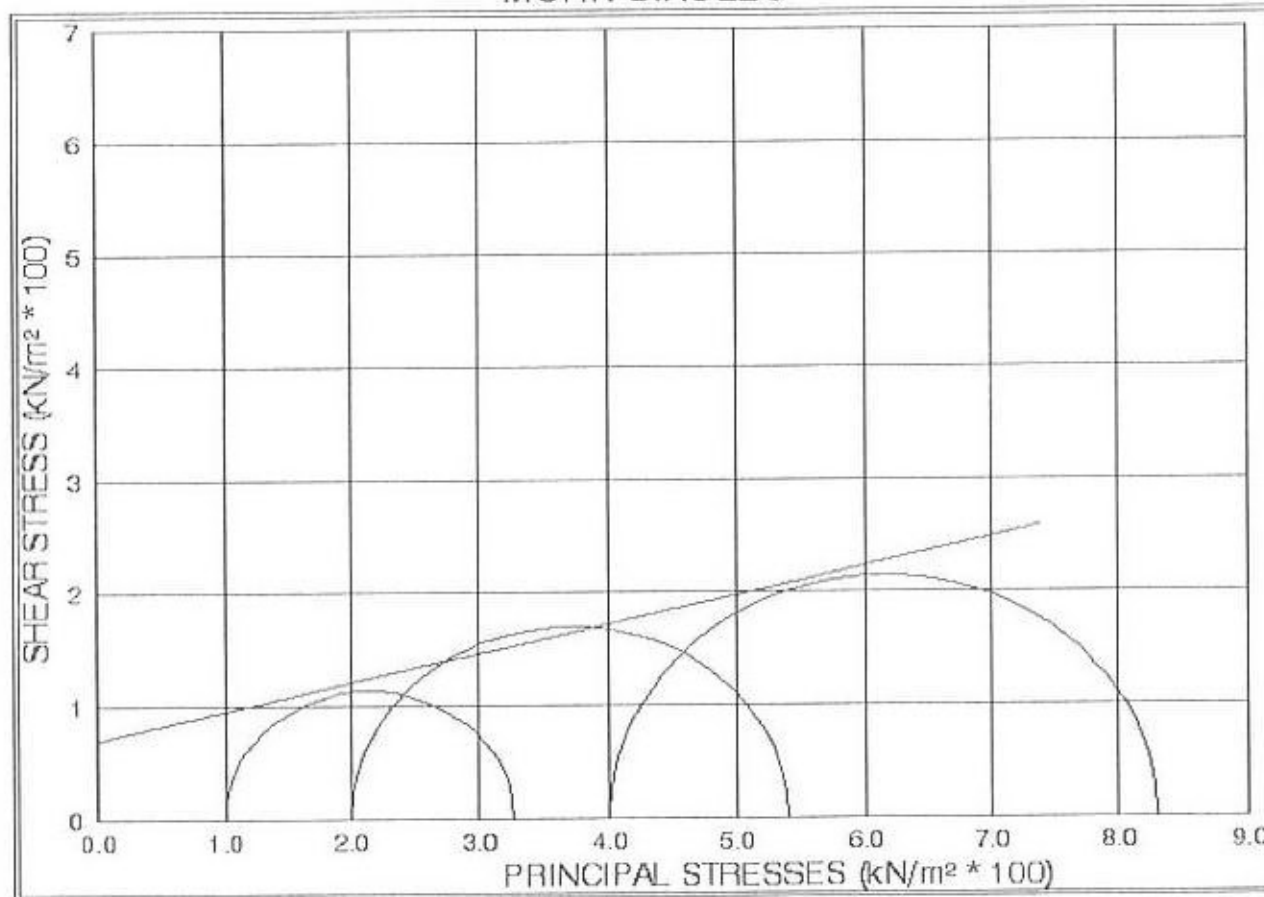
AVERAGE SHEAR STRENGTH = 166 kN/m²

APPARENT COHESION = 70 kN/m²
 ANGLE of SHR. RESISTANCE = 14 Degrees

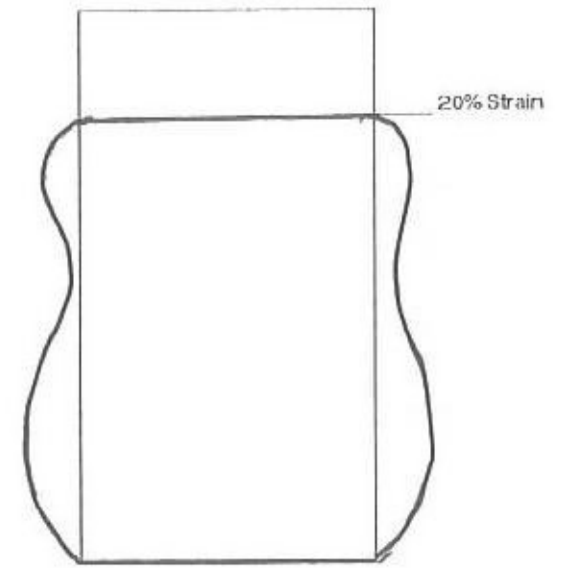
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	55.15		0			
1	55.72	1.0	2	8	0.27	49
2	56.29	2.0	4	13	0.47	83
3	56.88	3.0	6	18	0.66	117
4	57.48	4.0	8	24	0.90	156
5	58.09	5.1	10	30	1.13	195
6	58.72	6.1	12	35	1.33	226
7	59.36	7.1	14	40	1.49	250
8	60.01	8.1	16	45	1.68	280
9	60.68	9.1	18	49	1.84	303
10	61.36	10.1	20	53	1.99	325
11	62.06	11.1	22	56	2.11	340
12	62.77	12.1	24	60	2.23	355
13	63.50	13.1	26	64	2.39	376
14	64.25	14.2	28	67	2.50	389
15	65.02	15.2	30	69	2.58	397
16	65.80	16.2	32	70	2.62	398
17	66.61	17.2	34	72	2.70	405
18	67.43	18.2	36	75	2.82	417
19	68.27	19.2	38	76	2.85	418
20	69.14	20.2	40	78	2.93	424
21	70.03	21.2	42	80	3.01	430



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

COMMENTS:

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

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

Print Time: 09:21 AM. Print Date: 06/03/2020

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 :BHS325
 DEPTH : 1.20 m.
 Description : Grey gravelly sandy clay

SPEC. / STAGE No : 1 2 3

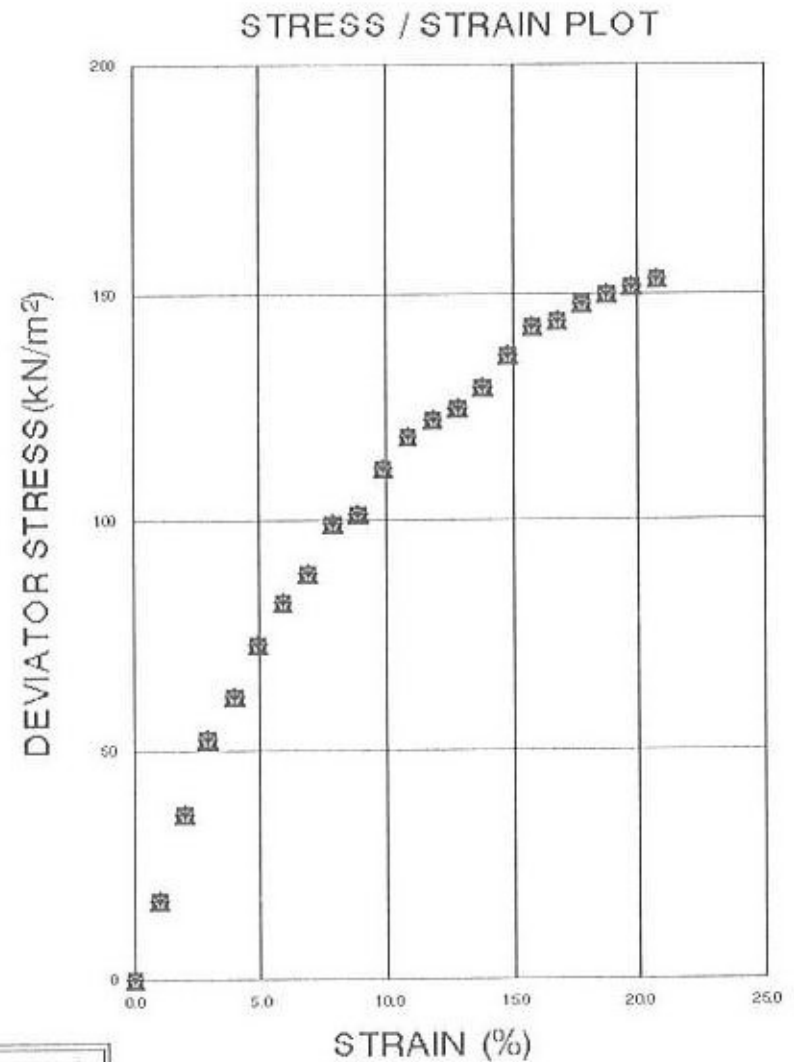
WATER CONT. = 16.6 % dry weight
 BULK DENSITY = 2.08 Mg/m³
 DRY DENSITY = 1.78 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 50 62 77 kN/m²
 STRAIN at FAILURE = 8 13 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

AVERAGE SHEAR STRENGTH = 63 kN/m²

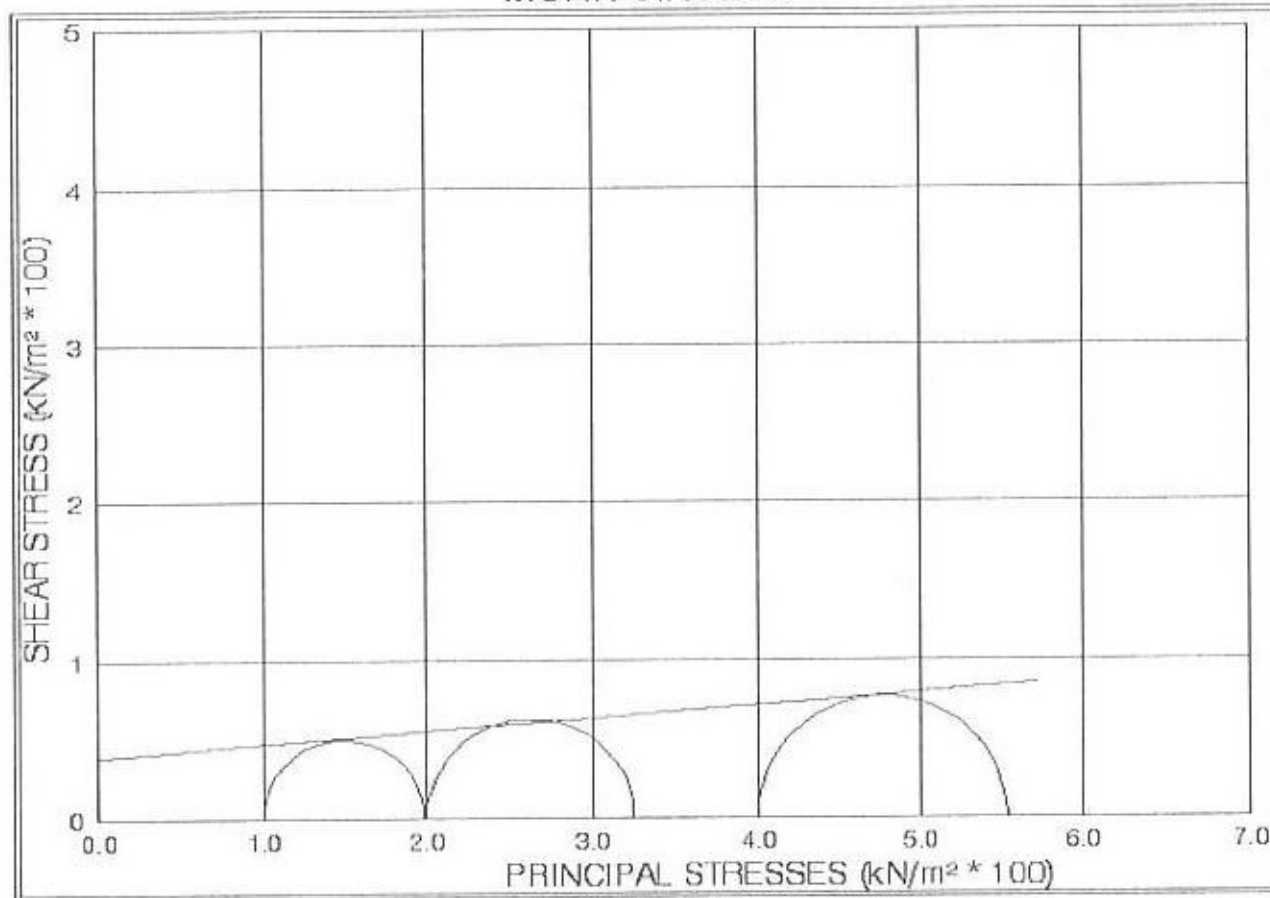
APPARENT COHESION = 39 kN/m²
 ANGLE of SHR. RESISTANCE = 5 Degrees

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3248 gms.
 DIAMETER OF SPECIMEN = 99.1 m.m.
 HEIGHT OF SPECIMEN = 203 m.m.
 WT.of WET SAMPLE+TIN = 630 gms.
 WT.of DRY SAMPLE+TIN = 547 gms.
 WT.of TIN = 42.6 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

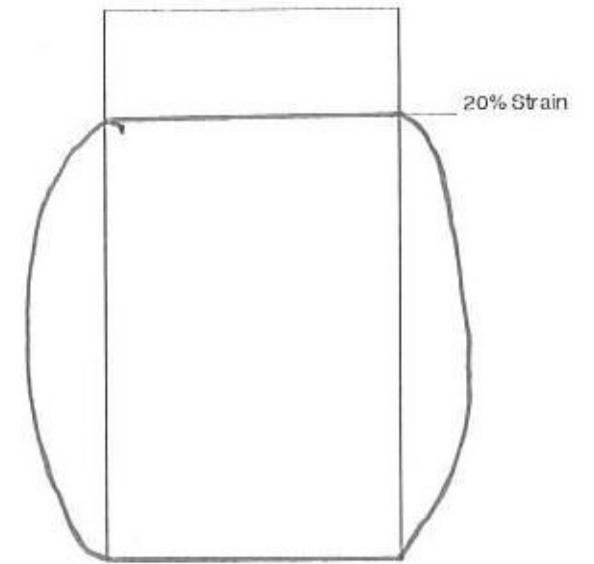
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	77.13		0			
1	77.90	1.0	2	18	0.13	17
2	78.69	2.0	4	35	0.28	36
3	79.49	3.0	6	50	0.42	52
4	80.30	3.9	8	59	0.49	62
5	81.14	4.9	10	70	0.59	73
6	81.99	5.9	12	79	0.67	82
7	82.86	6.9	14	86	0.73	88
8	83.75	7.9	16	97	0.83	99
9	84.65	8.9	18	104	0.86	101
10	85.58	9.9	20	115	0.95	111
11	86.53	10.9	22	123	1.02	118
12	87.50	11.8	24	128	1.07	122
13	88.49	12.8	26	132	1.10	125
14	89.50	13.8	28	144	1.16	129
15	90.54	14.8	30	153	1.24	137
16	91.60	15.8	32	161	1.31	143
17	92.69	16.8	34	164	1.33	144
18	93.80	17.8	36	170	1.39	148
19	94.94	18.8	38	174	1.42	150
20	96.11	19.7	40	178	1.46	152
21	97.30	20.7	42	182	1.49	153



MOHR CIRCLES



FAILURE



PLASTIC \ BRITTLE \ COMPOUND

COMMENTS:

Prepared by : Vertical Extrusion \ Remoulding.
 99mm Diameter Multi-stage test - (one specimen)

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

Print Time: 07:46 AM Print Date: 07/03/2020

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 S326
 DEPTH: 1.20 m.
 Description : Mottled brown gravelly sandy clay

SPEC. / STAGE No : 1 2 3

WATER CONT. = 17.7 % dry weight
 BULK DENSITY = 2.14 Mg/m³
 DRY DENSITY = 1.82 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 37 49 58 kN/m²
 STRAIN at FAILURE = 10 15 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm, thick.

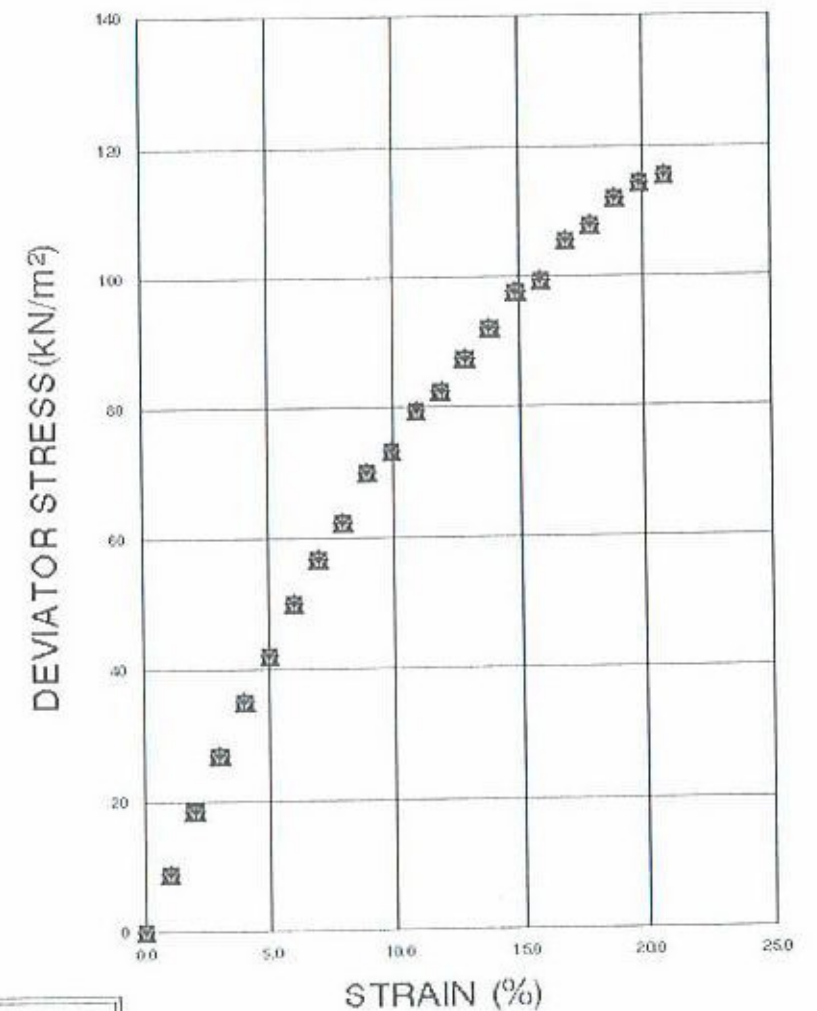
AVERAGE SHEAR STRENGTH = 48 kN/m²

APPARENT COHESION = 30 kN/m²
 ANGLE of SHR. RESISTANCE = 4 Degrees

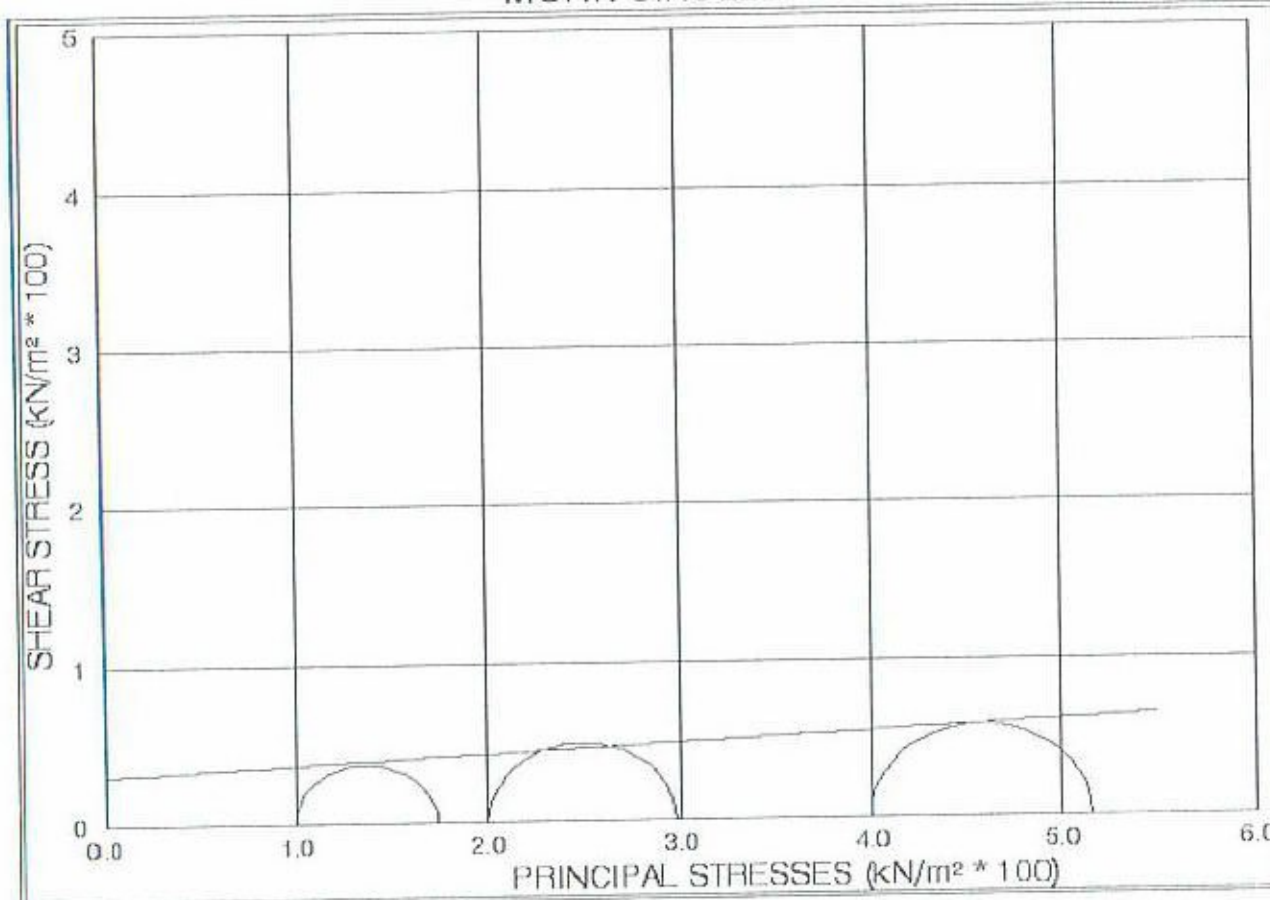
SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 3435 gms.
 DIAMETER OF SPECIMEN = 101 m.m.
 HEIGHT OF SPECIMEN = 202 m.m.
 WT. of WET SAMPLE + TIN = 649 gms.
 WT. of DRY SAMPLE + TIN = 557 gms.
 WT. of TIN = 42.7 gms.
 LOAD FACTOR = 8.83 N/Div.
 PRESSURE ZERO = 3 7 13 Div.

READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	79.34		0			
1	80.14	1.0	2	11	0.07	9
2	80.94	2.0	4	20	0.15	19
3	81.77	3.0	6	28	0.22	27
4	82.61	4.0	8	36	0.29	35
5	83.47	4.9	10	43	0.35	42
6	84.35	5.9	12	51	0.42	50
7	85.24	6.9	14	58	0.49	57
8	86.16	7.9	16	64	0.54	63
9	87.10	8.9	18	72	0.61	70
10	88.05	9.9	20	76	0.64	73
11	89.03	10.9	22	87	0.71	79
12	90.03	11.9	24	91	0.74	82
13	91.05	12.9	26	97	0.79	87
14	92.09	13.8	28	103	0.85	92
15	93.16	14.8	30	110	0.91	98
16	94.26	15.8	32	119	0.94	99
17	95.38	16.8	34	127	1.01	106
18	96.53	17.8	36	131	1.04	108
19	97.70	18.8	38	137	1.09	112
20	98.91	19.8	40	141	1.13	114
21	100.14	20.8	42	144	1.16	116

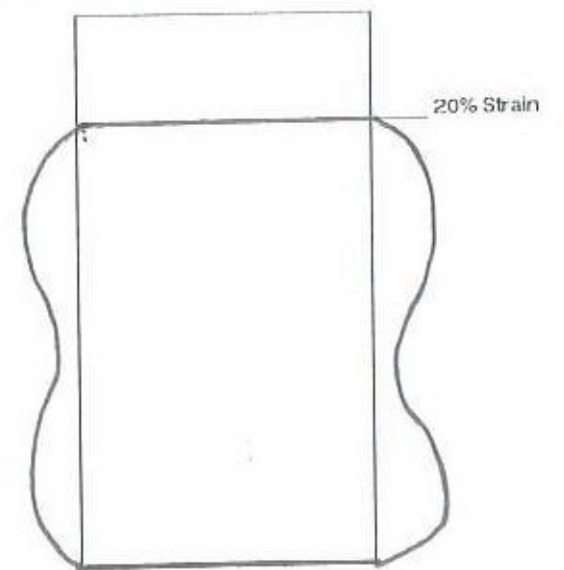
STRESS / STRAIN PLOT



MOHR CIRCLES



FAILURE



COMMENTS:
 Prepared by : Vertical Extrusion \ Remoulding
 101mm Diameter Multi-stage test - (one specimen)

Aitken Laboratories Ltd, Castlehill House, Bank St, Slamanan, FK1 5EZ

Print Date: 07/03/2020
Print Time: 07:49 AM

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 : BHS327
 DEPTH : 1.20 m.
 Description : Mottled brown gravelly sandy clay

SPEC. / STAGE No : 1 2 3

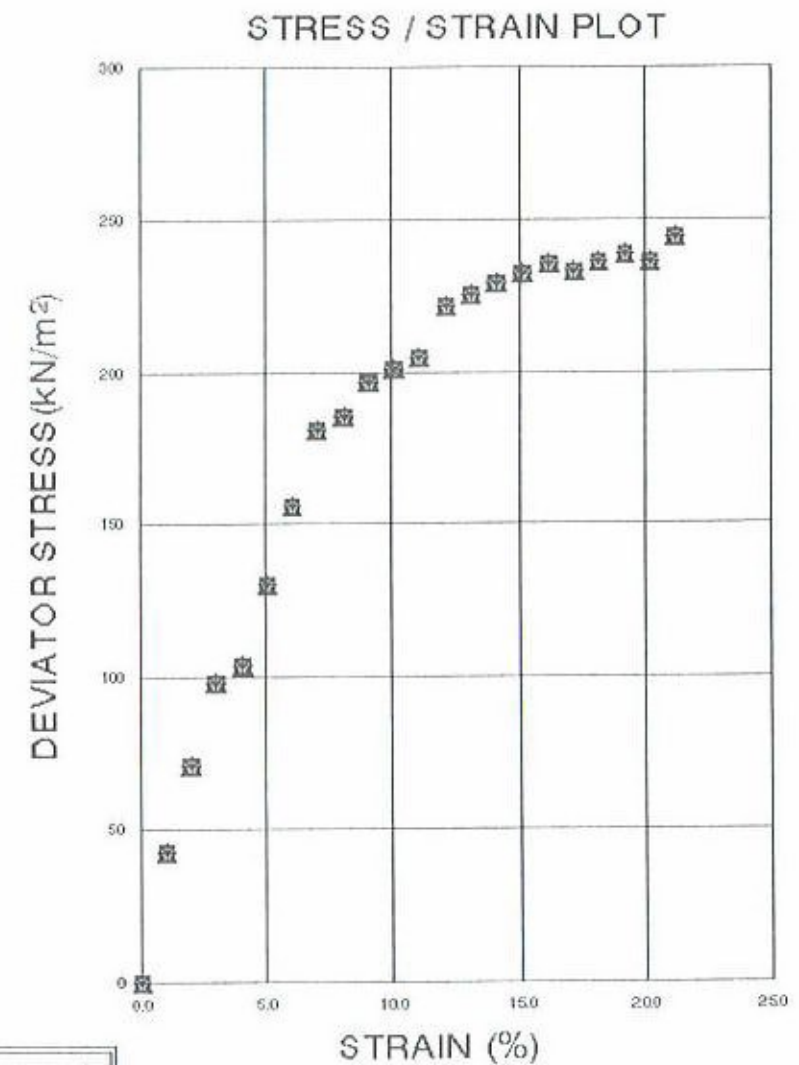
WATER CONT. = 18.2 % dry weight
 BULK DENSITY = 2.14 Mg/m³
 DRY DENSITY = 1.81 Mg/m³
 CELL PRESSURES = 100 200 400 kN/m²
 SHEAR STRENGTH = 49 90 122 kN/m²
 STRAIN at FAILURE = 3 7 21 %
 RATE of STRAIN = 2 2 2 %/min.
 MEMBRANE TYPE = Standard Latex - 0.5mm. thick.

AVERAGE SHEAR STRENGTH = 87 kN/m²

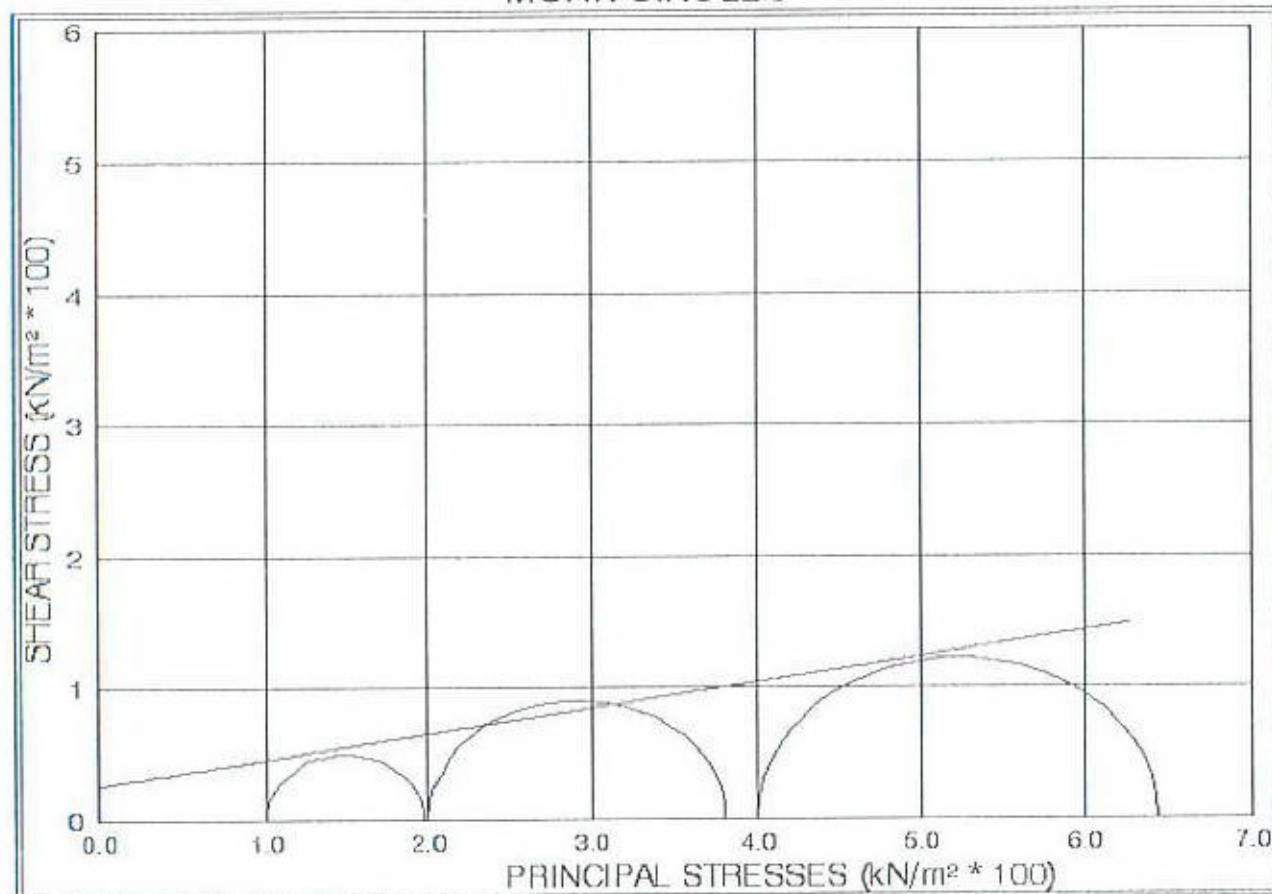
APPARENT COHESION = 27 kN/m²
 ANGLE of SHR. RESISTANCE = 11 Degrees

SPECIMEN/STAGE No : 1 2 3
 CELL PRESSURES = 100 200 400 kN/m²
 WEIGHT OF SPECIMEN = 2299 gms.
 DIAMETER OF SPECIMEN = 83.1 m.m.
 HEIGHT OF SPECIMEN = 198 m.m.
 WT. of WET SAMPLE+TIN = 637 gms.
 WT. of DRY SAMPLE+TIN = 546 gms.
 WT. of TIN = 42.4 gms.
 LOAD FACTOR = 39.1 N/Div.
 PRESSURE ZERO = 1 2 3 Div.

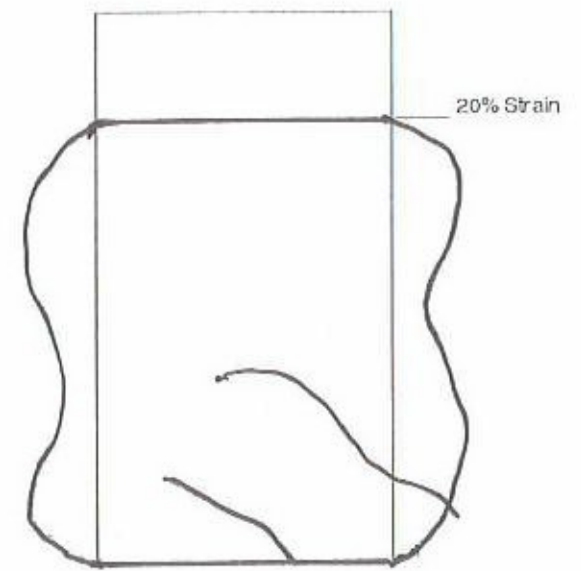
READ No	AREA cm ²	STRAIN %	STRAIN mm	PROVING RING DIAL Divs.	APPLIED LOAD kN	DEVIATOR STRESS kN/m ²
	54.24		0			
1	54.79	1.0	2	7	0.23	43
2	55.35	2.0	4	11	0.39	71
3	55.93	3.0	6	15	0.55	98
4	56.52	4.0	8	17	0.59	104
5	57.12	5.0	10	21	0.74	130
6	57.73	6.1	12	25	0.90	156
7	58.36	7.1	14	29	1.06	181
8	59.00	8.1	16	31	1.09	186
9	59.65	9.1	18	33	1.17	197
10	60.32	10.1	20	34	1.21	201
11	61.00	11.1	22	35	1.25	205
12	61.70	12.1	24	38	1.37	222
13	62.42	13.1	26	39	1.41	226
14	63.15	14.1	28	40	1.45	229
15	63.90	15.1	30	41	1.49	233
16	64.67	16.1	32	42	1.52	236
17	65.46	17.1	34	42	1.52	233
18	66.27	18.2	36	43	1.56	236
19	67.09	19.2	38	44	1.60	239
20	67.94	20.2	40	44	1.60	236
21	68.81	21.2	42	46	1.68	244



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, Siamanan, FK13EZ

Print Date: 15/05/2020

Print Time: 10:12 AM

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