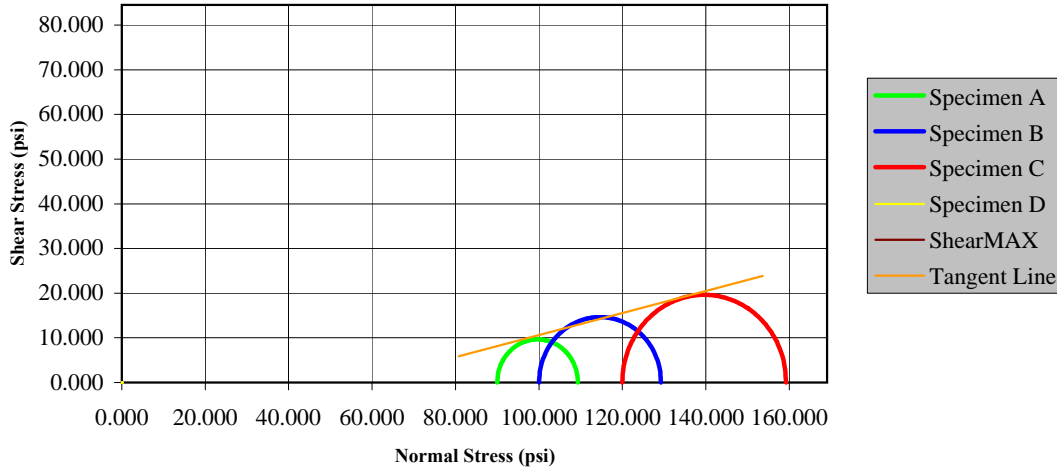




Mohr Circles



Date

Checked By

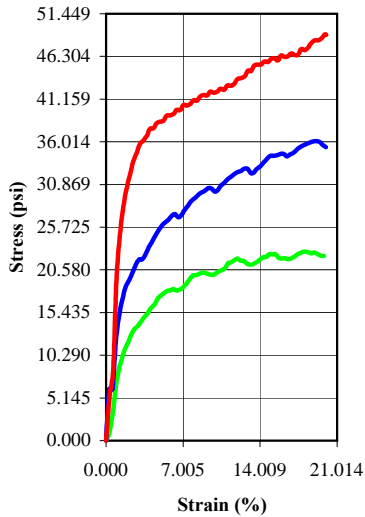
Date

Computed By

Date

Checked By

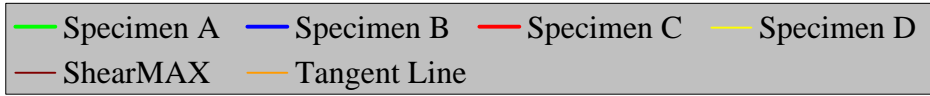
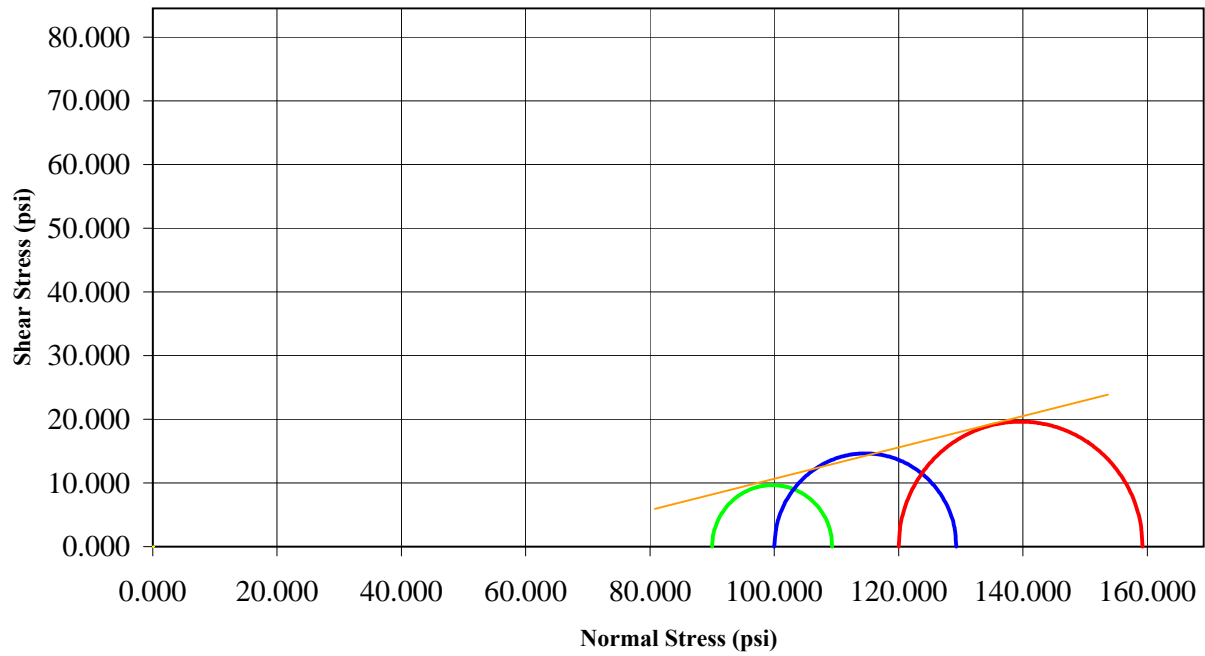
Stress-Strain Curve



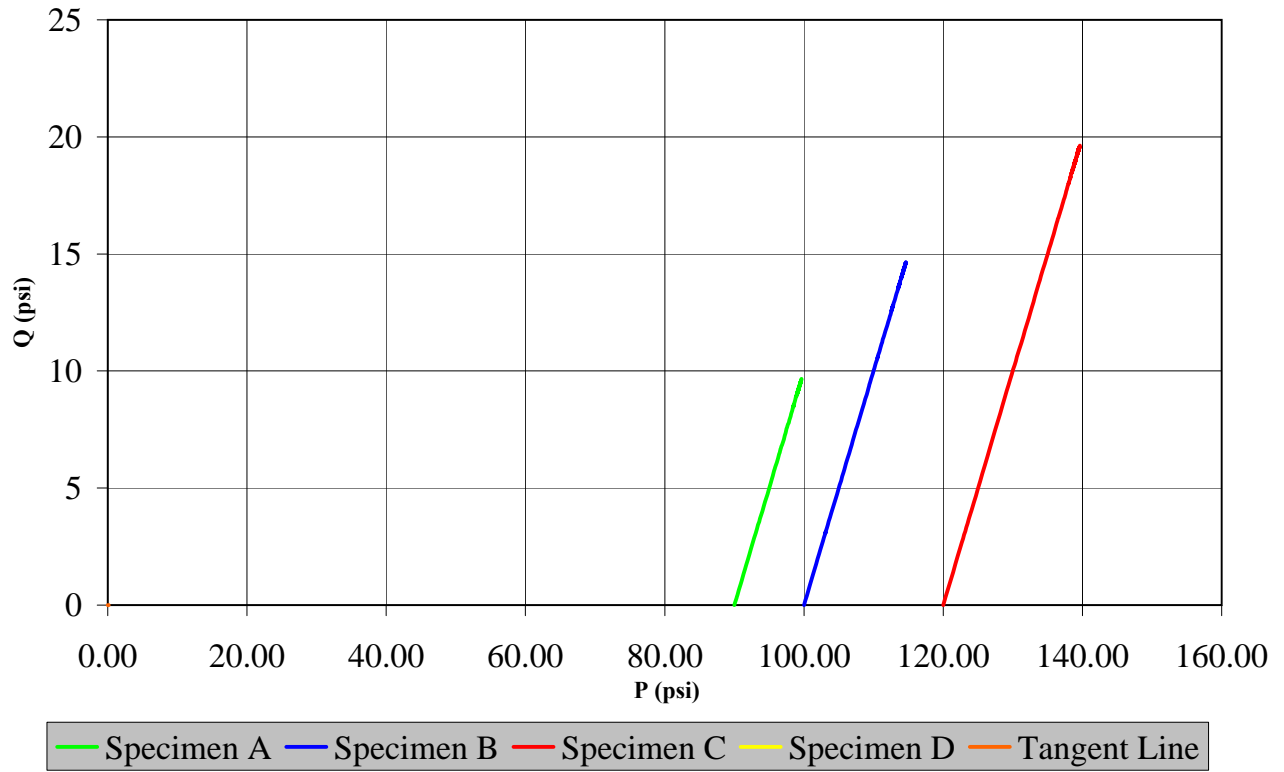
	Specimen				
	Before Test	A	B	C	D
Water Content (%)		19.27	18.82	17.83	0.00
Dry Density (pcf)		94.96	97.29	97.03	0.00
Saturation (%)		66.50	68.68	64.66	0.00
Void Ratio		0.79	0.75	0.75	0.00
Diameter (in)		2.880	2.880	2.880	0.000
Height (in)		6.072	6.005	6.051	0.000
After Test	A	B	C	D	
Water Content (%)	25.35	23.82	23.41	0.00	
Test Data	A	B	C	D	
Strain Rate (in/min)	0.00	0.00	0.00	0.00	
Peak Deviator Stress (psi)	19.317	29.276	39.249	0.000	
Axial Strain @ Failure (%)	11.940	18.568	19.898	0.000	
Cell Pressure					
Cell (psi)	90.0	100.0	120.0	0.0	
Back (psi)	n/a	n/a	n/a	n/a	
Principle Stresses at Failure					
σ_1 (psi)	109.3	129.3	159.2	0.0	
σ_3 (psi)	90.0	100.0	120.0	0.0	

Mohr-Coulomb Strength Parameters		Sample Description	
C (psi)	-14.0	Silty Soil	
Friction Angle ϕ	13.84		
		Liquid Limit:	15.0
		Specific Gravity:	2.720
Test Performed By:		Plastic Limit:	12.0
Remarks:			

Mohr Circles



PQ Graph



Specimen A Information
UU Triaxial Test

Humboldt Scientific, Inc.

File Location
UUTest1.HSD

Project Information

Project No. 1-25A Date:
Project Name: UU Sample Project
Client: Company X
Sample Location: Highway 55
Sample Description: Silty Soil
Remarks:

Specimen A Sample Data

Sample Type: Undisturbed
Specific Gravity: 2.72 LL: 15 PL: 12

Sample Parameters	Before Test	After Test
Diameter (in)	2.880	
Height (in)	6.072	
Weight (g)	1176.00	
Moisture (%)	19.27	25.35
Dry Density (pcf)	94.96	
Saturation (%)	66.50	
Void Ratio	0.79	

Specimen A Test Data

Rate of Strain: 0.00 (in/min)
Cell Pressure: 90.0 (psi)
Effective Confining Stress: 90.0 (psi)
Peak Deviator Stress: 19.317 (psi) at reading number: 41
Height/Diameter Ratio: 2.11
Axial Strain @ Failure: 11.940 (%)

Read Number	Disp (in)	Load (lbs)	Axial Strain (%)	Deviator Stress (psi)	Corr. Deviator Stress (psi)	Principle Stresses			P (psi)	Q (psi)
						Q ₁ (psi)	Q ₃ (psi)	1:3 Ratio (psi)		
0	0.246	79.3	0.000	0.000	0.000	90.0	90.0	0.00	90.0	0.0
1	0.264	85.0	0.296	0.875	0.872	90.0	90.9	1.01	90.4	0.4
2	0.282	99.2	0.593	3.055	3.037	90.0	93.0	1.03	91.5	1.5
3	0.300	122.3	0.889	6.601	6.542	90.0	96.5	1.07	93.3	3.3
4	0.317	135.0	1.169	8.550	8.450	90.0	98.5	1.09	94.2	4.2
5	0.335	144.0	1.466	9.932	9.786	90.0	99.8	1.11	94.9	4.9
6	0.353	152.3	1.762	11.206	11.008	90.0	101.0	1.12	95.5	5.5
7	0.371	157.8	2.059	12.050	11.802	90.0	101.8	1.13	95.9	5.9
8	0.388	163.1	2.339	12.864	12.563	90.0	102.6	1.14	96.3	6.3
9	0.406	167.4	2.635	13.524	13.168	90.0	103.2	1.15	96.6	6.6
10	0.423	169.5	2.915	13.846	13.443	90.0	103.4	1.15	96.7	6.7
11	0.441	173.0	3.211	14.384	13.922	90.0	103.9	1.15	97.0	7.0
12	0.458	176.6	3.491	14.936	14.415	90.0	104.4	1.16	97.2	7.2
13	0.477	179.5	3.804	15.381	14.796	90.0	104.8	1.16	97.4	7.4
14	0.494	183.2	4.084	15.949	15.298	90.0	105.3	1.17	97.6	7.6
15	0.512	186.1	4.381	16.394	15.676	90.0	105.7	1.17	97.8	7.8
16	0.530	190.5	4.677	17.070	16.271	90.0	106.3	1.18	98.1	8.1
17	0.548	193.2	4.974	17.484	16.615	90.0	106.6	1.18	98.3	8.3
18	0.566	195.2	5.270	17.791	16.854	90.0	106.9	1.19	98.4	8.4

19	0.583	197.0	5.550	18.068	17.065	90.0	107.1	1.19	98.5	8.5
20	0.601	197.2	5.847	18.098	17.040	90.0	107.0	1.19	98.5	8.5
21	0.618	198.3	6.126	18.267	17.148	90.0	107.1	1.19	98.6	8.6
22	0.635	197.2	6.406	18.098	16.939	90.0	106.9	1.19	98.5	8.5
23	0.653	198.0	6.703	18.221	17.000	90.0	107.0	1.19	98.5	8.5
24	0.671	199.3	6.999	18.421	17.131	90.0	107.1	1.19	98.6	8.6
25	0.689	202.3	7.296	18.881	17.504	90.0	107.5	1.19	98.8	8.8
26	0.707	205.9	7.592	19.434	17.958	90.0	108.0	1.20	99.0	9.0
27	0.725	208.9	7.889	19.894	18.325	90.0	108.3	1.20	99.2	9.2
28	0.743	209.3	8.185	19.956	18.322	90.0	108.3	1.20	99.2	9.2
29	0.760	210.3	8.465	20.109	18.407	90.0	108.4	1.20	99.2	9.2
30	0.777	211.2	8.745	20.247	18.477	90.0	108.5	1.21	99.2	9.2
31	0.794	211.0	9.025	20.217	18.392	90.0	108.4	1.20	99.2	9.2
32	0.812	210.0	9.321	20.063	18.193	90.0	108.2	1.20	99.1	9.1
33	0.830	209.5	9.618	19.986	18.064	90.0	108.1	1.20	99.0	9.0
34	0.847	210.0	9.898	20.063	18.077	90.0	108.1	1.20	99.0	9.0
35	0.865	211.9	10.194	20.355	18.280	90.0	108.3	1.20	99.1	9.1
36	0.883	213.0	10.491	20.524	18.371	90.0	108.4	1.20	99.2	9.2
37	0.901	214.5	10.787	20.754	18.515	90.0	108.5	1.21	99.3	9.3
38	0.919	218.4	11.084	21.353	18.986	90.0	109.0	1.21	99.5	9.5
39	0.936	219.3	11.364	21.491	19.049	90.0	109.0	1.21	99.5	9.5
40	0.954	221.0	11.660	21.752	19.216	90.0	109.2	1.21	99.6	9.6
41	0.971	222.2	11.940	21.936	19.317	90.0	109.3	1.21	99.7	9.7
42	0.989	220.6	12.236	21.690	19.036	90.0	109.0	1.21	99.5	9.5
43	1.006	220.5	12.516	21.675	18.962	90.0	109.0	1.21	99.5	9.5
44	1.024	218.2	12.813	21.322	18.590	90.0	108.6	1.21	99.3	9.3
45	1.041	217.6	13.093	21.230	18.450	90.0	108.5	1.21	99.2	9.2
46	1.058	217.7	13.373	21.245	18.404	90.0	108.4	1.20	99.2	9.2
47	1.076	219.3	13.669	21.491	18.553	90.0	108.6	1.21	99.3	9.3
48	1.094	221.3	13.966	21.798	18.754	90.0	108.8	1.21	99.4	9.4
49	1.112	223.2	14.262	22.090	18.939	90.0	108.9	1.21	99.5	9.5
50	1.131	223.5	14.575	22.136	18.909	90.0	108.9	1.21	99.5	9.5
51	1.148	225.8	14.855	22.489	19.148	90.0	109.1	1.21	99.6	9.6
52	1.166	225.6	15.152	22.458	19.055	90.0	109.1	1.21	99.5	9.5
53	1.183	225.6	15.431	22.458	18.992	90.0	109.0	1.21	99.5	9.5
54	1.200	222.8	15.711	22.028	18.567	90.0	108.6	1.21	99.3	9.3
55	1.218	222.2	16.008	21.936	18.424	90.0	108.4	1.20	99.2	9.2
56	1.235	222.4	16.288	21.967	18.389	90.0	108.4	1.20	99.2	9.2
57	1.253	221.7	16.584	21.859	18.234	90.0	108.2	1.20	99.1	9.1
58	1.271	222.4	16.881	21.967	18.259	90.0	108.3	1.20	99.1	9.1
59	1.289	224.1	17.177	22.228	18.410	90.0	108.4	1.20	99.2	9.2
60	1.308	226.1	17.490	22.535	18.593	90.0	108.6	1.21	99.3	9.3
61	1.325	227.1	17.770	22.688	18.656	90.0	108.7	1.21	99.3	9.3
62	1.343	227.9	18.067	22.811	18.690	90.0	108.7	1.21	99.3	9.3
63	1.361	227.4	18.363	22.734	18.560	90.0	108.6	1.21	99.3	9.3
64	1.378	226.3	18.643	22.565	18.359	90.0	108.4	1.20	99.2	9.2
65	1.396	227.0	18.939	22.673	18.379	90.0	108.4	1.20	99.2	9.2
66	1.414	225.7	19.236	22.473	18.150	90.0	108.2	1.20	99.1	9.1
67	1.432	224.6	19.532	22.304	17.948	90.0	107.9	1.20	99.0	9.0
68	1.450	224.2	19.829	22.243	17.833	90.0	107.8	1.20	98.9	8.9

Test Performed By:

Checked By:

Specimen B Information
UU Triaxial Test

Humboldt Scientific, Inc.

File Location
UUTest1.HSD

Project Information

Project No. 1-25A Date:
Project Name: UU Sample Project
Client: Company X
Sample Location: Highway 55
Sample Description: Silty Soil
Remarks:

Specimen B Sample Data

Sample Type: Undisturbed
Specific Gravity: 2.72 LL: 15 PL: 12

Sample Parameters	Before Test	After Test
Diameter (in)	2.880	
Height (in)	6.005	
Weight (g)	1187.00	
Moisture (%)	18.82	23.82
Dry Density (pcf)	97.29	
Saturation (%)	68.68	
Void Ratio	0.75	

Specimen B Test Data

Rate of Strain: 0.00 (in/min)
Cell Pressure: 100.0 (psi)
Effective Confining Stress: 100.0 (psi)
Peak Deviator Stress: 29.276 (psi) at reading number: 62
Height/Diameter Ratio: 2.09
Axial Strain @ Failure: 18.568 (%)

Read Number	Disp (in)	Load (lbs)	Axial Strain (%)	Deviator Stress (psi)	Corr. Deviator Stress (psi)	Principle Stresses			P (psi)	Q (psi)
						Q ₁ (psi)	Q ₃ (psi)	1:3 Ratio (psi)		
0	0.281	66.7	0.000	0.000	0.000	100.0	100.0	0.00	100.0	0.0
1	0.298	107.4	0.283	6.248	6.230	100.0	106.2	1.06	103.1	3.1
2	0.316	106.9	0.583	6.171	6.135	100.0	106.1	1.06	103.1	3.1
3	0.333	142.8	0.866	11.682	11.581	100.0	111.6	1.12	105.8	5.8
4	0.351	163.5	1.166	14.859	14.686	100.0	114.7	1.15	107.3	7.3
5	0.371	177.5	1.499	17.008	16.754	100.0	116.8	1.17	108.4	8.4
6	0.390	188.0	1.815	18.620	18.282	100.0	118.3	1.18	109.1	9.1
7	0.408	193.2	2.115	19.418	19.008	100.0	119.0	1.19	109.5	9.5
8	0.426	198.8	2.415	20.278	19.788	100.0	119.8	1.20	109.9	9.9
9	0.443	205.0	2.698	21.230	20.657	100.0	120.7	1.21	110.3	10.3
10	0.461	208.8	2.998	21.813	21.159	100.0	121.2	1.21	110.6	10.6
11	0.477	209.0	3.264	21.844	21.131	100.0	121.1	1.21	110.6	10.6
12	0.494	212.2	3.547	22.335	21.543	100.0	121.5	1.22	110.8	10.8
13	0.512	217.8	3.847	23.195	22.302	100.0	122.3	1.22	111.2	11.2
14	0.530	222.0	4.147	23.839	22.851	100.0	122.9	1.23	111.4	11.4
15	0.549	227.3	4.463	24.653	23.553	100.0	123.6	1.24	111.8	11.8
16	0.569	232.3	4.796	25.421	24.201	100.0	124.2	1.24	112.1	12.1
17	0.588	236.0	5.112	25.989	24.660	100.0	124.7	1.25	112.3	12.3
18	0.606	238.3	5.412	26.342	24.916	100.0	124.9	1.25	112.5	12.5

19	0.623	240.4	5.695	26.664	25.145	100.0	125.1	1.25	112.6	12.6
20	0.641	243.5	5.995	27.140	25.513	100.0	125.5	1.26	112.8	12.8
21	0.659	244.7	6.295	27.324	25.604	100.0	125.6	1.26	112.8	12.8
22	0.675	242.1	6.561	26.925	25.158	100.0	125.2	1.25	112.6	12.6
23	0.692	243.6	6.844	27.155	25.297	100.0	125.3	1.25	112.6	12.6
24	0.710	247.7	7.144	27.785	25.800	100.0	125.8	1.26	112.9	12.9
25	0.729	251.2	7.460	28.322	26.209	100.0	126.2	1.26	113.1	13.1
26	0.748	254.8	7.777	28.874	26.629	100.0	126.6	1.27	113.3	13.3
27	0.767	257.1	8.093	29.228	26.862	100.0	126.9	1.27	113.4	13.4
28	0.786	260.0	8.410	29.673	27.177	100.0	127.2	1.27	113.6	13.6
29	0.804	261.7	8.709	29.934	27.327	100.0	127.3	1.27	113.7	13.7
30	0.821	263.0	8.993	30.133	27.423	100.0	127.4	1.27	113.7	13.7
31	0.839	265.0	9.292	30.440	27.612	100.0	127.6	1.28	113.8	13.8
32	0.856	264.7	9.575	30.394	27.484	100.0	127.5	1.27	113.7	13.7
33	0.873	262.1	9.858	29.995	27.038	100.0	127.0	1.27	113.5	13.5
34	0.890	263.1	10.142	30.149	27.091	100.0	127.1	1.27	113.5	13.5
35	0.908	267.0	10.441	30.747	27.537	100.0	127.5	1.28	113.8	13.8
36	0.927	269.2	10.758	31.085	27.741	100.0	127.7	1.28	113.9	13.9
37	0.945	272.0	11.057	31.515	28.030	100.0	128.0	1.28	114.0	14.0
38	0.964	274.0	11.374	31.822	28.202	100.0	128.2	1.28	114.1	14.1
39	0.983	276.3	11.690	32.175	28.414	100.0	128.4	1.28	114.2	14.2
40	1.001	277.8	11.990	32.405	28.520	100.0	128.5	1.29	114.3	14.3
41	1.018	278.4	12.273	32.497	28.509	100.0	128.5	1.29	114.3	14.3
42	1.037	280.3	12.590	32.789	28.661	100.0	128.7	1.29	114.3	14.3
43	1.055	280.1	12.889	32.758	28.536	100.0	128.5	1.29	114.3	14.3
44	1.071	276.7	13.156	32.236	27.995	100.0	128.0	1.28	114.0	14.0
45	1.087	277.1	13.422	32.298	27.963	100.0	128.0	1.28	114.0	14.0
46	1.105	279.9	13.722	32.727	28.237	100.0	128.2	1.28	114.1	14.1
47	1.123	282.1	14.022	33.065	28.429	100.0	128.4	1.28	114.2	14.2
48	1.142	285.2	14.338	33.541	28.732	100.0	128.7	1.29	114.4	14.4
49	1.162	288.2	14.671	34.002	29.013	100.0	129.0	1.29	114.5	14.5
50	1.180	290.3	14.971	34.324	29.185	100.0	129.2	1.29	114.6	14.6
51	1.199	290.2	15.287	34.309	29.064	100.0	129.1	1.29	114.5	14.5
52	1.216	290.7	15.570	34.385	29.031	100.0	129.0	1.29	114.5	14.5
53	1.234	291.9	15.870	34.570	29.083	100.0	129.1	1.29	114.5	14.5
54	1.251	291.7	16.153	34.539	28.960	100.0	129.0	1.29	114.5	14.5
55	1.268	289.9	16.436	34.263	28.631	100.0	128.6	1.29	114.3	14.3
56	1.285	291.3	16.719	34.477	28.713	100.0	128.7	1.29	114.4	14.4
57	1.303	292.5	17.019	34.662	28.763	100.0	128.8	1.29	114.4	14.4
58	1.321	294.9	17.319	35.030	28.963	100.0	129.0	1.29	114.5	14.5
59	1.341	297.0	17.652	35.352	29.112	100.0	129.1	1.29	114.6	14.6
60	1.360	298.5	17.968	35.583	29.189	100.0	129.2	1.29	114.6	14.6
61	1.378	299.8	18.268	35.782	29.245	100.0	129.2	1.29	114.6	14.6
62	1.396	300.9	18.568	35.951	29.276	100.0	129.3	1.29	114.6	14.6
63	1.413	301.7	18.851	36.074	29.274	100.0	129.3	1.29	114.6	14.6
64	1.431	301.9	19.151	36.105	29.190	100.0	129.2	1.29	114.6	14.6
65	1.449	301.2	19.450	35.997	28.996	100.0	129.0	1.29	114.5	14.5
66	1.466	298.6	19.734	35.598	28.573	100.0	128.6	1.29	114.3	14.3
67	1.482	297.2	20.000	35.383	28.306	100.0	128.3	1.28	114.2	14.2

Test Performed By:

Checked By:

Specimen C Information
UU Triaxial Test

Humboldt Scientific, Inc.

File Location
UUTest1.HSD

Project Information

Project No. 1-25A Date:
Project Name: UU Sample Project
Client: Company X
Sample Location: Highway 55
Sample Description: Silty Soil
Remarks:

Specimen C Sample Data

Sample Type: Undisturbed
Specific Gravity: 2.72 LL: 15 PL: 12

Sample Parameters	Before Test	After Test
Diameter (in)	2.880	
Height (in)	6.051	
Weight (g)	1183.00	
Moisture (%)	17.83	23.41
Dry Density (pcf)	97.03	
Saturation (%)	64.66	
Void Ratio	0.75	

Specimen C Test Data

Rate of Strain: 0.00 (in/min)
Cell Pressure: 120.0 (psi)
Effective Confining Stress: 120.0 (psi)
Peak Deviator Stress: 39.249 (psi) at reading number: 65
Height/Diameter Ratio: 2.10
Axial Strain @ Failure: 19.898 (%)

Read Number	Disp (in)	Load (lbs)	Axial Strain (%)	Deviator Stress (psi)	Corr. Deviator Stress (psi)	Principle Stresses			P (psi)	Q (psi)
						Q ₁ (psi)	Q ₃ (psi)	1:3 Ratio (psi)		
0	0.274	114.800	0.000	0.000	0.000	120.000	120.000	0.00	120.000	0.000
1	0.293	149.900	0.314	5.388	5.388	120.000	125.371	1.04	122.686	2.686
2	0.312	169.500	0.628	8.397	8.397	120.000	128.344	1.07	124.172	4.172
3	0.330	238.500	0.925	18.989	18.989	120.000	138.813	1.16	129.406	9.406
4	0.348	272.900	1.223	24.269	24.269	120.000	143.972	1.20	131.986	11.986
5	0.367	296.400	1.537	27.877	27.877	120.000	147.448	1.23	133.724	13.724
6	0.385	311.200	1.834	30.149	30.149	120.000	149.596	1.25	134.798	14.798
7	0.404	322.800	2.148	31.929	31.929	120.000	151.243	1.26	135.622	15.622
8	0.423	334.200	2.462	33.679	33.679	120.000	152.850	1.27	136.425	16.425
9	0.442	340.200	2.776	34.600	34.600	120.000	153.640	1.28	136.820	16.820
10	0.461	347.800	3.090	35.767	35.767	120.000	154.662	1.29	137.331	17.331
11	0.479	350.200	3.388	36.135	36.135	120.000	154.911	1.29	137.456	17.456
12	0.497	353.900	3.685	36.703	36.703	120.000	155.351	1.29	137.675	17.675
13	0.516	359.400	3.999	37.548	37.548	120.000	156.046	1.30	138.023	18.023
14	0.535	360.100	4.313	37.655	37.655	120.000	156.031	1.30	138.015	18.015
15	0.553	364.000	4.611	38.254	38.254	120.000	156.490	1.30	138.245	18.245
16	0.572	365.400	4.925	38.469	38.469	120.000	156.574	1.30	138.287	18.287
17	0.590	365.800	5.222	38.530	38.530	120.000	156.518	1.30	138.259	18.259
18	0.609	370.100	5.536	39.190	39.190	120.000	157.020	1.31	138.510	18.510

19	0.627	370.100	5.834	39.190	39.190	120.000	156.904	1.31	138.452	18.452
20	0.646	371.300	6.148	39.374	39.374	120.000	156.954	1.31	138.477	18.477
21	0.664	374.500	6.445	39.865	39.865	120.000	157.296	1.31	138.648	18.648
22	0.683	374.400	6.759	39.850	39.850	120.000	157.157	1.31	138.578	18.578
23	0.701	378.400	7.057	40.464	40.464	120.000	157.609	1.31	138.804	18.804
24	0.720	377.900	7.371	40.387	40.387	120.000	157.411	1.31	138.705	18.705
25	0.738	379.000	7.668	40.556	40.556	120.000	157.446	1.31	138.723	18.723
26	0.757	382.200	7.982	41.047	41.047	120.000	157.771	1.31	138.885	18.886
27	0.775	381.500	8.280	40.940	40.940	120.000	157.550	1.31	138.775	18.775
28	0.794	385.200	8.594	41.508	41.508	120.000	157.941	1.32	138.970	18.970
29	0.812	386.200	8.891	41.662	41.662	120.000	157.957	1.32	138.979	18.979
30	0.831	385.900	9.205	41.615	41.615	120.000	157.785	1.31	138.892	18.892
31	0.849	389.000	9.503	42.091	42.091	120.000	158.092	1.32	139.046	19.046
32	0.868	387.800	9.817	41.907	41.907	120.000	157.793	1.31	138.897	18.897
33	0.887	388.800	10.131	42.061	42.061	120.000	157.800	1.31	138.900	18.900
34	0.905	391.100	10.428	42.414	42.414	120.000	157.991	1.32	138.995	18.995
35	0.923	390.100	10.726	42.260	42.260	120.000	157.728	1.31	138.864	18.864
36	0.942	393.600	11.039	42.797	42.797	120.000	158.073	1.32	139.036	19.036
37	0.961	393.500	11.353	42.782	42.782	120.000	157.925	1.32	138.962	18.962
38	0.979	394.600	11.651	42.951	42.951	120.000	157.947	1.32	138.973	18.973
39	0.998	398.600	11.965	43.565	43.565	120.000	158.352	1.32	139.176	19.176
40	1.017	399.400	12.279	43.688	43.688	120.000	158.323	1.32	139.162	19.162
41	1.036	400.700	12.593	43.887	43.887	120.000	158.361	1.32	139.180	19.180
42	1.054	405.200	12.890	44.578	44.578	120.000	158.832	1.32	139.416	19.416
43	1.072	404.900	13.188	44.532	44.532	120.000	158.659	1.32	139.330	19.330
44	1.090	409.200	13.485	45.192	45.192	120.000	159.098	1.33	139.549	19.549
45	1.109	410.100	13.799	45.330	45.330	120.000	159.075	1.33	139.538	19.537
46	1.127	409.900	14.097	45.300	45.300	120.000	158.914	1.32	139.457	19.457
47	1.146	412.600	14.411	45.714	45.714	120.000	159.126	1.33	139.563	19.563
48	1.165	411.900	14.725	45.607	45.607	120.000	158.891	1.32	139.446	19.446
49	1.183	414.500	15.022	46.006	46.006	120.000	159.095	1.33	139.547	19.547
50	1.201	415.000	15.320	46.082	46.082	120.000	159.023	1.33	139.511	19.511
51	1.219	413.200	15.617	45.806	45.806	120.000	158.652	1.32	139.326	19.326
52	1.238	417.300	15.931	46.436	46.436	120.000	159.038	1.33	139.519	19.519
53	1.256	416.100	16.229	46.251	46.251	120.000	158.745	1.32	139.373	19.373
54	1.275	416.600	16.543	46.328	46.328	120.000	158.664	1.32	139.332	19.332
55	1.293	418.900	16.840	46.681	46.681	120.000	158.820	1.32	139.410	19.410
56	1.312	417.600	17.154	46.482	46.482	120.000	158.508	1.32	139.254	19.254
57	1.330	417.900	17.452	46.528	46.528	120.000	158.408	1.32	139.204	19.204
58	1.349	422.300	17.766	47.203	47.203	120.000	158.817	1.32	139.409	19.409
59	1.367	421.300	18.063	47.050	47.050	120.000	158.551	1.32	139.275	19.275
60	1.385	423.400	18.361	47.372	47.372	120.000	158.674	1.32	139.337	19.337
61	1.404	427.200	18.675	47.955	47.955	120.000	159.000	1.32	139.500	19.500
62	1.422	429.000	18.972	48.232	48.232	120.000	159.081	1.33	139.541	19.541
63	1.441	429.100	19.286	48.247	48.247	120.000	158.942	1.32	139.471	19.471
64	1.459	430.700	19.584	48.493	48.493	120.000	158.996	1.32	139.498	19.498
65	1.478	434.000	19.898	48.999	48.999	120.000	159.249	1.33	139.625	19.625
66	1.485	433.500	20.013	48.922	48.922	120.000	159.131	1.33	139.566	19.566

Test Performed By:

Checked By: