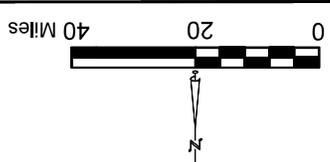


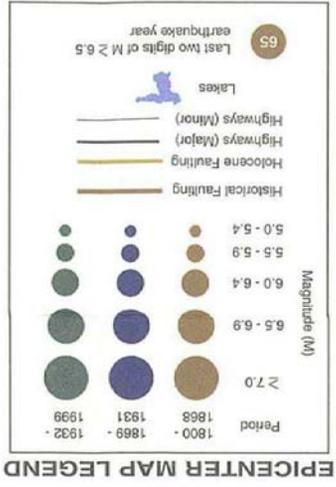
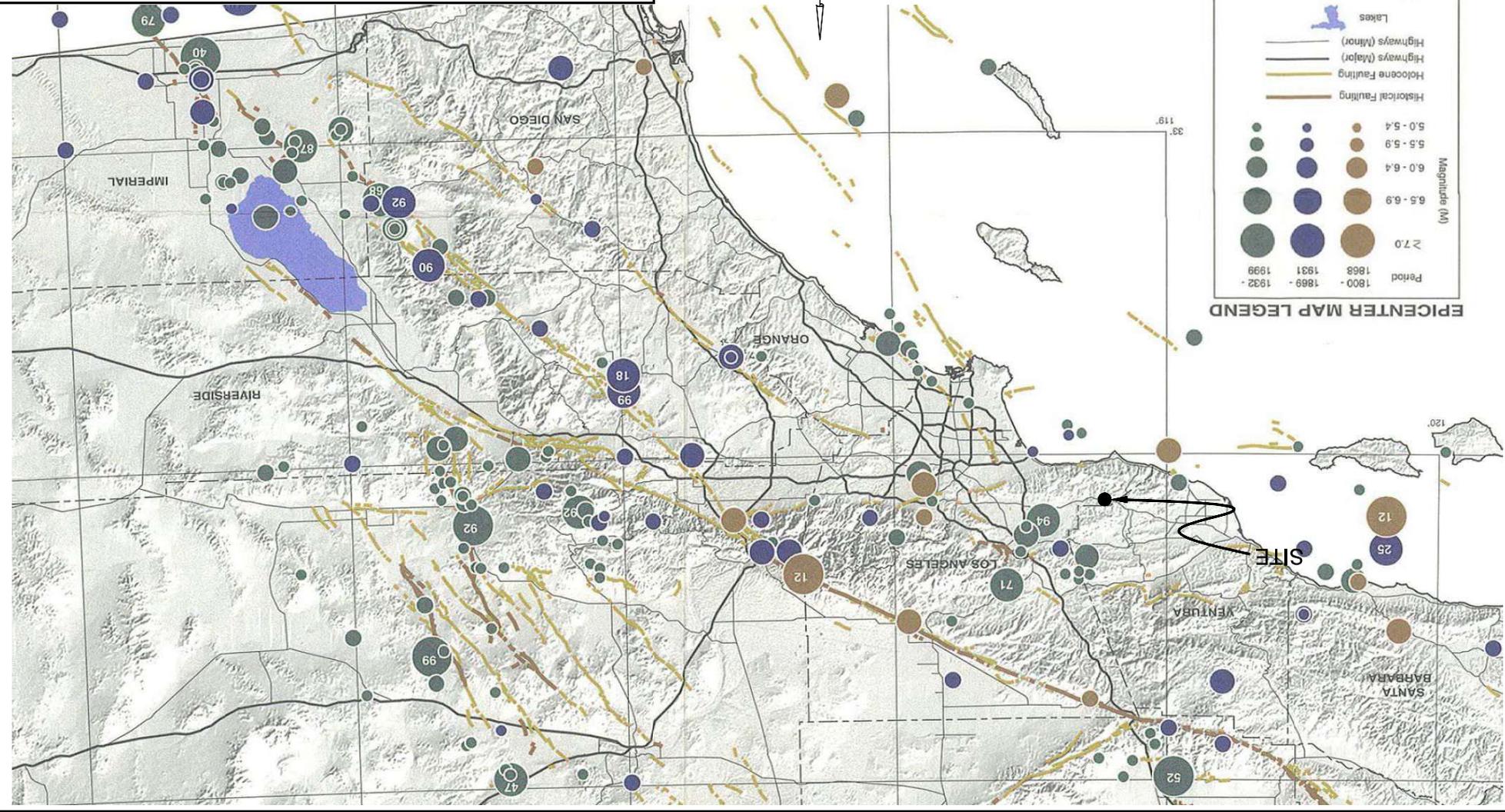
REGIONAL SEISMICITY MAP
 AGOURA HILLS HHG HOTEL DEVELOPMENT LP
 29508 ROADSIDE DRIVE
 AGOURA HILLS, CALIFORNIA

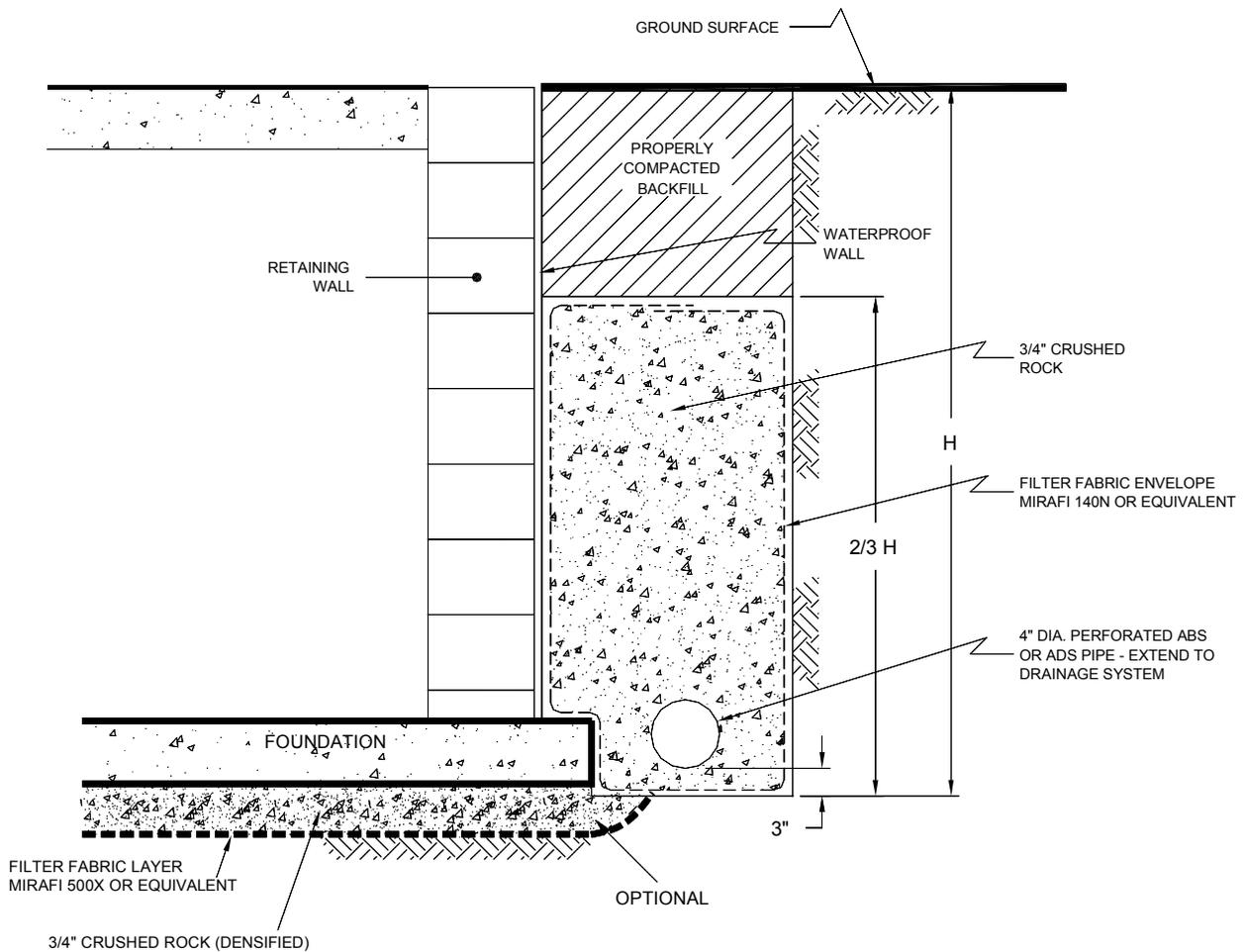
GEOCON WEST INC.
 ENVIRONMENTAL GEOTECHNICAL MATERIALS
 3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA 91504
 PHONE (818) 841-8388 - FAX (818) 841-1704

CHECKED BY: SFK
 DRAFTED BY: RA
 MAY 2015
 PROJECT NO. A8487-06-03
 FIG. 4



Reference: Topozada, T., Branum, D., Petersen, M., Hallsstrom, C., Cramer, C., and Reichle, M., 2000, Epicenters and Areas Damaged by M2.5 California Earthquakes, 1800 - 1999, California Geological Survey, Map Sheet 49.





NO SCALE

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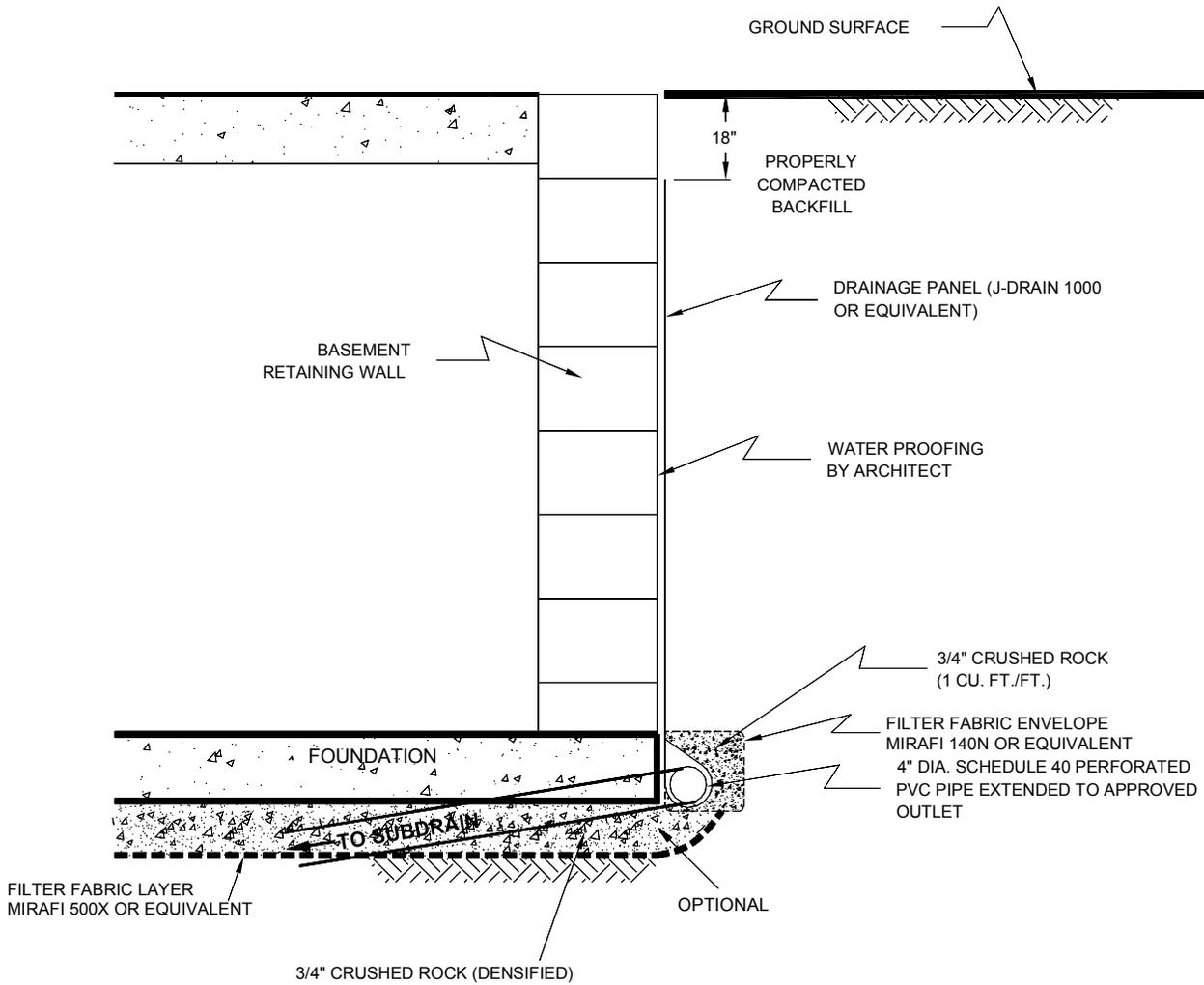
RETAINING WALL DRAIN DETAIL

AGOURA HILLS HHG HOTEL DEVELOPMENT LP
29508 ROADSIDE DRIVE
AGOURA HILLS, CALIFORNIA

MAY 2015

PROJECT NO. A8487-06-03

FIG. 5



NOTE: TOP OF DRAINAGE PANEL NOT MORE THAN 18 INCHES FROM GROUND SURFACE

NO SCALE

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CHECKED BY: HHD

RETAINING WALL DRAIN DETAIL

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29508 ROADSIDE DRIVE
AGOURA HILLS, CALIFORNIA

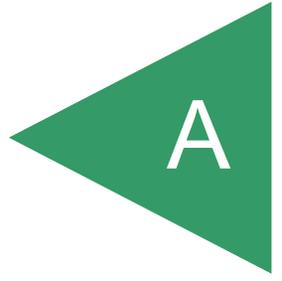
MAY 2015

PROJECT NO. A8487-06-03

FIG. 6

APPENDIX

A



APPENDIX A

FIELD INVESTIGATION

The scope of the field investigation, performed on November 27 and 28, 2006, consisted of excavating four large diameter borings utilizing an eighteen inch diameter bucket auger type drilling machine and seven test pits utilizing a backhoe. The borings were conducted to depths between 16 and 24 feet below the existing ground surface and all borings encountered bedrock. The backhoe test pits were conducted to a depth of six feet below the existing ground surface. Representative and relatively undisturbed samples were obtained by driving a 3-inch, O.D., sampler into the “undisturbed” soil mass. The California Modified Sampler was equipped with 1-inch by 2³/₈-inch brass sampler rings to facilitate removal and testing. Bulk samples were also obtained.

The soil conditions encountered in the borings were visually examined, classified and logged in general accordance with the Unified Soil Classification System (USCS). Logs of the borings and test pits are presented on Figures A-1 through A-11. The logs depict the soil and geologic conditions encountered and the depth at which samples were obtained. The approximate locations of the borings are shown on the Site Plan, Figure 2.



BORING 1

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 27, 2006

Client: Venture Corporation

Excavation Method: Bucket Auger

Location: Agoura Hills, California

Boring Diameter: 18 inches

Elevation: 862

Sampling Method: Cal-Mod

Hammer Drop: 30 inches

Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
Bulk	0-3				0 --		Fill: Sandy Clay with Gravel, firm, moist, brown to olive brown, medium-grained, some coarse-grained, gravel to 1" in size
	1	6	15.8	96.4	1 --		
					2 --		
					3 --		----- concrete fragments to 6" in size
	4	10	14.8	89.3	4 --	CL	Terrace Deposits: Sandy Clay, firm, moist, grey, some basaltic/andesitic rock fragments,
					5 --		
					6 --		
	7	3	4.5	109.4	7 --		Clay with Sand, soft, moist, greenish grey to grey, plastic, some andesite fragments,
					8 --		
					9 --		
	10	2	26.3	92.8	10 --		Clay, soft, moist, reddish brown to strong brown, plastic, some volcanic fragments to 6" in diameter
					11 --		
					12 --		
	13	8	8.5	141.5	13 --		Sandy Clay with Gravel, firm, moist, brown to strong brown, some volcanic fragments to 6" in diameter
					14 --		
					15 --		
	16	8	26.1	94.0	16 --		Topanga Formation: Interbedded brown to strong brown Sandy Claystone with olive Sandy Siltstone, hard, moist, laminated
					17 --		
					18 --		
	19	7	29.4	91.0	19 --		End boring at 19 feet. Fill to 4 feet. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					20 --		

 - Ring Sample from California Modified Sampler

Figure A-1



BORING 2



Project No.: A8487-06-01A

Client: Venture Corporation

Location: Agoura Hills, California

Elevation: 862

Excavation Date: November 27, 2006

Excavation Method: Bucket Auger

Boring Diameter: 18 inches

Sampling Method: Cal-Mod

Hammer Drop: 30 inches

Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	1	12	NO RECOVERY		0		Fill: Sandy Clay with Gravel, firm, moist to wet, brown, medium-grained, some coarse-grained, gravel to 1" in size
					1		
					2		
					3		
	4	5	16.1	96.7	4	CL	Terrace Deposits: Clay with Sand, firm, moist, grey to dark grey, some volcanic fragments to 8" in size
					5		
	7	10	19.7	110.1	6		
					7		
					8		
					9		
	10	4	18.5	99.1	10		
					11		
					12		
					13		
	13	5	21.7	101.8	13		Clay with Gravel, firm, moist, grey to dark grey, some volcanic fragments to 8" in size,
					14		
					15		
					16		
	16	10 for 9"	6.7	127.8	16		Sandy Clay with Gravel, firm, moist, yellowish brown, coarse-grained, some medium-grained, gravel to 1" in size
					17		
					18		
					19		
	19	10 for 9"	NO RECOVERY		19		
					20		

- Ring Sample from California Modified Sampler

Figure A-2a



GEOCON
INLAND EMPIRE, INC

BORING 2 (continued)

Project No.: A8487-06-01A	Excavation Date: November 27, 2006
Client: Venture Corporation	Excavation Method: Bucket Auger
Location: Agoura Hills, California	Boring Diameter: 18 inches
Elevation: 862	Sampling Method: Cal-Mod
	Hammer Drop: 30 inches
	Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Description
					20		
					21		
☺	22	5	29.6	90.5	22		Topanga Formation: Olive and yellowish brown Sandy Claystone, hard, moist, fine-grained, interbedded, laminated
					23		
					24		End boring at 22 feet. Fill to 4 feet.
					25		No groundwater encountered.
					26		No caving.
					27		Backfilled and tamped with soil cuttings.
					28		
					29		
					30		
					31		
					32		
					33		
					34		
					35		
					36		
					37		
					38		
					39		
					40		

☺ - Ring Sample from California Modified Sampler

Figure A-2b



BORING 3

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 27, 2006

Client: Venture Corporation

Excavation Method: Bucket Auger

Location: Agoura Hills, California

Boring Diameter: 18 inches

Elevation: 862

Sampling Method: Cal-Mod

Hammer Drop: 30 inches

Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
					0 --		Fill: Clayey Sand with Gravel, loose, moist, brown to yellowish brown, medium-grained with some coarse-grained, gravel to 1" in size
					1 --		
					2 --		
	3	9	18.4	103.9	3 --		
					4 --		
					5 --		SC Terrace Deposits: Clayey Sand with Gravel, loose to dense, moist, yellowish brown, medium- to fine-grained, some coarse-grained, gravel to 1" in size, some volcanic fragments
	6	12	17.3	106.5	6 --		
					7 --		
					8 --		CL Sandy Clay with Gravel, firm, moist, dark grey, medium-grained, some coarse-grained, gravel to 1" in size
	9-12	5	14.9	111.4	9 --		
					10 --		
	12	5	24.4	98.4	12 --		
					13 --		
					14 --		SC Clayey Sand with Gravel, dense, moist, yellowish brown, coarse- to medium-grained, some fine-grained, gravel to 1" in size, some volcanic fragments to 12" in diameter
	15	8	19.8	107.7	15 --		
					16 --		
					17 --		
	18-21	6	20.5	100.3	18 --		
					19 --		
					20 --		

 - Ring Sample from California Modified Sampler

Figure A-3a



GEOCON
INLAND EMPIRE, INC

BORING 3 (continued)

Project No.: A8487-06-01A

Excavation Date: November 27, 2006

Client: Venture Corporation

Excavation Method: Bucket Auger

Location: Agoura Hills, California

Boring Diameter: 18 inches

Elevation: 862

Sampling Method: Cal-Mod

Hammer Drop: 30 inches

Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Description
					20 --		
					21 --		
	21	8	27.4	93.5	21 --		Topanga Formation: Olive Claystone to yellowish brown Siltstone, hard, moist thinly bedded to laminated, interbedded
					22 --		
					23 --		
					24 --		
	24	7	28.0	91.3	24 --		End boring at 24 feet. Fill to 5 feet. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					25 --		
					26 --		
					27 --		
					28 --		
					29 --		
					30 --		
					31 --		
					32 --		
					33 --		
					34 --		
					35 --		
					36 --		
					37 --		
					38 --		
					39 --		
					40 --		

 - Ring Sample from California Modified Sampler

Figure A-3b



BORING 4

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Client: Venture Corporation

Location: Agoura Hills, California

Elevation: 863

Excavation Date: November 27, 2006

Excavation Method: Bucket Auger

Boring Diameter: 18 inches

Sampling Method: Cal-Mod

Hammer Drop: 30 inches

Hammer Weight: 0-24': 2150 lbs

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	1	4	17.1	108.4	0		Fill: Sandy Clay, firm, moist, grey to olive, fine- to medium-grained with some coarse-grained
					1		
					2		
					3		
	4	5	24.0	98.3	4		Terrace Deposits: Sandy Clay with Gravel, firm, moist, olive to yellowish brown, medium-grained, some coarse-grained, gravel up to 1" in size, some volcanic fragments up to 12" in diameter, few Sandstone fragments
					5		
					6		
	7	6	22.1	95.7	7		
					8		
					9		
					10		
	10	10 for 4"	15.3	89.3	10		
					11		
	13	4	35.6	83.4	13		Topanga Formation: Olive to yellowish brown Claystone, hard, moist, thinly bedded
					14		
					15		
					16		
	16	4	31.2	88.4	16		End boring at 16 feet. Fill to 4 feet. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					17		
					18		
					19		
					20		

 - Ring Sample from California Modified Sampler

Figure A-4



TEST PIT 1

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 859

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	1				0 -- -- 1		Fill: Clayey Sand with Gravel, loose, dry, brown to light yellowish brown, medium- to coarse-grained, some fine-grained, gravel up to 2" in size, rootlets, burrows
	3.5				1 -- 2 -- -- 3 -- -- 4 -- -- 5 -- -- 6 -- -- 7 --		Clayey Gravel with Sand, loose, dry, yellowish brown, medium- to coarse-grained, some fine-grained, gravel to 2" in size, rootlets, burrows
					4 -- -- 5 -- -- 6 -- -- 7 --		Sandy Clay with Gravel, firm, moist, dark reddish brown to dark grey, fine- to medium-grained, gravel to 2" in size
					8 -- -- 9 -- -- 10 -- -- 11 -- -- 12 -- -- 13 -- -- 14 -- -- 15 -- -- 16 -- -- 17 -- -- 18 -- -- 19 -- -- 20 -- --		End Test Pit at 7 feet. Fill to 7 feet. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.

- Ring Sample from California Modified Sampler

Figure A-5



TEST PIT 2

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 852

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	0				0 --	SC	Alluvium: Clayey Sand with Gravel, loose, dry, light yellowish brown, fine- to medium-grained, some coarse-grained, gravel to 2" in size, roots, voids to 1/4", burrows
	1				1 --		
					2 --	CL	Gravelly Clay with Sand, firm, moist, dark brown to grey, gravel to 2" in size, roots, rootlets, caliche filled fractures to 1/4" in thickness
					3 --		
					4 --		
					5 --		
					6 --		
					7 --		End Test Pit at 6 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					8 --		
					9 --		
					10 --		
					11 --		
					12 --		
					13 --		
					14 --		
					15 --		
					16 --		
					17 --		
					18 --		
					19 --		
					20 --		

- Ring Sample from California Modified Sampler

Figure A-6



TEST PIT 3

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 856

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	0				0 --		Fill: Sandy Clay with Gravel, soft to firm, moist, yellowish brown to brown to grey, fine- to medium-grained, some coarse-grained, gravel to 2" in size, few plastic fragments, pvc pipe, few volcanic fragments, few fragments of laminated Siltstone
					1 --		
					2 --		
					3 --		
					4 --		
					5 --		
					6 --		
					7 --		End Test Pit at 7 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					8 --		
					9 --		
					10 --		
					11 --		
					12 --		
					13 --		
					14 --		
					15 --		
					16 --		
					17 --		
					18 --		
					19 --		
					20 --		

 - Ring Sample from California Modified Sampler

Figure A-7



TEST PIT 4

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 853

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: Improved Dirt Lot Description
	0				0		Fill: Clayey Sand with Gravel, loose, dry, light yellowish brown, medium- to coarse-grained, some fine-grained, gravel to 2" in size, rootlets, voids to 1/4", burrows
	1				1		
					2		Clayey Gravel with Sand, loose to dense, dry to slightly moist, coarse-grained, some medium-grained, gravel to 2" in size, some volcanic fragments, rootlets, voids to 1/8" in size
					3		
	4				4		
					5		brown to olive, few laminated Siltstone Fragments
					6		
	6				6	CL	Alluvium: Clay, soft to firm, slightly moist, dark brown to grey, rootlets
					7		
	8				8		caliche filled fractures, few volcanic cobbles
					9		
					10		End Test Pit at 9 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					11		
					12		
					13		
					14		
					15		
					16		
					17		
					18		
					19		
					20		

- Ring Sample from California Modified Sampler

Figure A-8



TEST PIT 5

GEOCON
INLAND EMPIRE, INC

Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 852

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: undeveloped land Description
	0				0 --	SC	Alluvium: Clayey Sand with Gravel, loose, dry, yellowish brown, fine- to medium-grained, some coarse-grained, gravel to 1" in size, voids to 1/4", rootlets, burrows
	1				1 --		
					2 --	SM	Silty Sand with Gravel, dense, slightly moist, brown, fine-grained, some medium- to coarse-grained, gravel to 2" in size, voids to 1/8", rootlets, few volcanic fragments
					3 --		
	4				4 --		
					5 --	SC	Sandy Clay, firm, moist, brown to grey, fine-grained, caliche filled fractures, some volcanic fragments
					6 --		
					7 --		End Test Pit at 6 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					8 --		
					9 --		
					10 --		
					11 --		
					12 --		
					13 --		
					14 --		
					15 --		
					16 --		
					17 --		
					18 --		
					19 --		
					20 --		

- Ring Sample from California Modified Sampler

Figure A-9



TEST PIT 6



Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

Elevation: 853

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: undeveloped land Description
	0				0 --	SC	Alluvium: Clayey Sand with Gravel, loose, dry, yellowish brown, medium-grained, some coarse-grained, gravel to 2" in size, voids to 1/4", rootlets
	1				1 --		
	2.5				2 --	GP	Sandy Gravel, loose to dense, dry to slightly moist, yellowish brown to brown, medium- to coarse-grained, some fine-grained, gravel to 2" in size
					3 --		
					4 --	ML	Sandy Silt with Gravel, firm, moist, brown, fine-grained, some medium-grained, gravel to 2" in size, some volcanic fragments
					5 --		
					6 --		
					7 --		End Test Pit at 7 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					8 --		
					9 --		
					10 --		
					11 --		
					12 --		
					13 --		
					14 --		
					15 --		
					16 --		
					17 --		
					18 --		
					19 --		
					20 --		

- Ring Sample from California Modified Sampler

Figure A-10



TEST PIT 7



Project No.: A8487-06-01A

Excavation Date: November 28, 2006

Client: Venture Corporation

Excavation Method: Backhoe

Location: Agoura Hills, California

Boring Diameter:

Sampling Method:

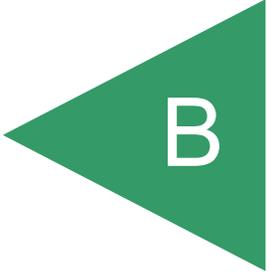
Elevation: 855

Sample Type	Depth (feet)	Blows per foot	Moisture Content (%)	Dry Unit Weight (pcf)	Depth (feet)	USCS Class.	Surface Condition: undeveloped land Description
	0				0 --	SC	Alluvium: Clayey Sand with Gravel, loose, dry, light yellowish brown, medium-grained, some coarse-grained, gravel to 2" in size, voids to 1/8", rootlets
					1 --		
					2 --		
					3 --	GC	Clayey Gravel with Sand, loose to dense, slightly moist, yellowish brown to brown, coarse-grained, some medium-grained, gravel to 2" in size, voids to 1/8", rootlets
					4 --		
					5 --		
					6 --	CL	Sandy Clay with Gravel, firm, moist, brown to grey, fine-grained, some medium-grained, gravel to 1/2" in size, some volcanic fragments, rootlets
					7 --		
					8 --		
					9 --		End Test Pit at 7 feet. No Fill encountered. No groundwater encountered. No caving. Backfilled and tamped with soil cuttings.
					10 --		
					11 --		
					12 --		
					13 --		
					14 --		
					15 --		
					16 --		
					17 --		
					18 --		
					19 --		
					20 --		

- Ring Sample from California Modified Sampler

Figure A-11

APPENDIX

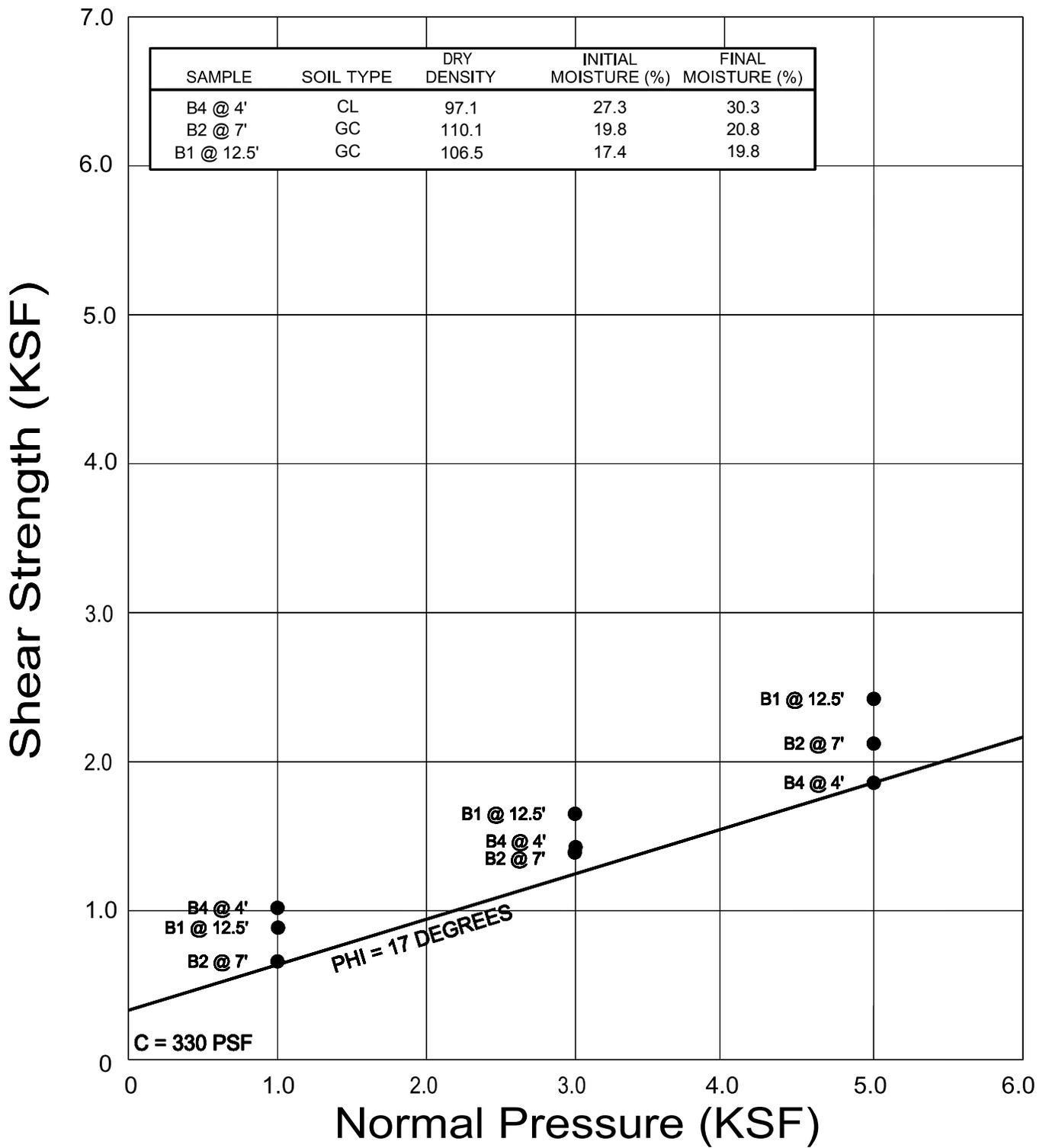


B

APPENDIX B

LABORATORY TESTING

Laboratory tests were performed in accordance with generally accepted test methods of the American Society for Testing and Materials (ASTM) or other suggested procedures. Selected samples were tested for compaction characteristics, direct shear strength, consolidation and expansion characteristics, in-place dry density and moisture content. The results of the laboratory tests are summarized in Figures B1 through B6. The in-place dry density and moisture content of the samples tested are presented on the boring logs in Appendix A.



● Direct Shear, Saturated

GEOCON
INLAND EMPIRE, INC.



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BRG

8000

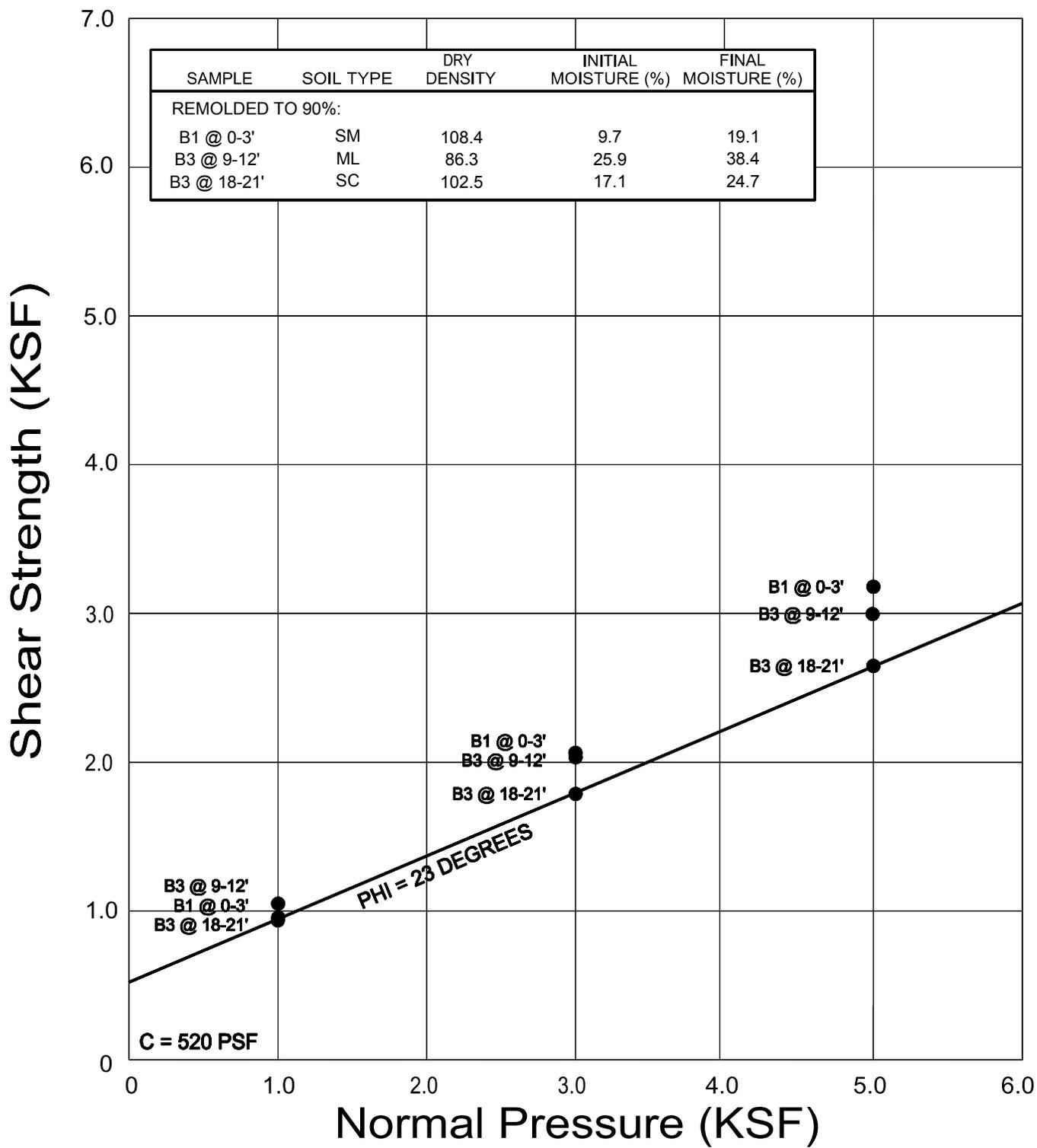
DIRECT SHEAR TEST RESULTS

VENTURE PROFESSIONAL CENTER
VENTURE CORPORATION
AGOURA HILLS, CALIFORNIA

DEC. 19, 2006

PROJECT NO. A8487-06-01A

FIG. B1



SAMPLE	SOIL TYPE	DRY DENSITY	INITIAL MOISTURE (%)	FINAL MOISTURE (%)
REMOLDED TO 90%:				
B1 @ 0-3'	SM	108.4	9.7	19.1
B3 @ 9-12'	ML	86.3	25.9	38.4
B3 @ 18-21'	SC	102.5	17.1	24.7

● Direct Shear, Saturated



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DIRECT SHEAR TEST RESULTS

VENTURE PROFESSIONAL CENTER
 VENTURE CORPORATION
 AGOURA HILLS, CALIFORNIA

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DEC. 19, 2006

PROJECT NO. A8487-06-01A

FIG. B2