

PROJECT Day Break, Dells
 JOB NO. 3812002139 DATE 11/18/07

Relief Area East

LOG OF TEST PIT / BORING NO. 14

RIG / BACKHOE TYPE _____
 BORING TYPE _____
 HAMMER WEIGHT & DROP _____
 SURFACE ELEV _____

TIME STARTED _____
 TIME FINISHED _____

#60

Depth in Feet	Inches Driven	Inches Recovered	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.	Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
60												Sandy SILT & SILTY CLAY (MC-CC), Dark Gray, Soft
65												SILTY SAND (SM), Brown, Slightly moist.
70							1/4' SD					Sandy GRAVEL with SILT (GM-GP), Brown, Slightly moist
75												SILT with some Clay & gravel, Light Brown, Slightly moist
80							2/4' SD					
85												

Logged By REN

Contractors Name _____

Operators Name _____

GROUND WATER

DEPTH	HOUR	DATE

JOB NO. 3817002129 DATE 12/8/07

LOG OF TEST PIT / BORING NO. 14

1

TIME FINISHED _____

VISUAL CLASSIFICATION

BORING TYPE		HAMMER WEIGHT & DROP		SURFACE ELEV	
TIME STARTED		TIME FINISHED		REMARKS	
VISUAL CLASSIFICATION		DEPTH IN FEET		INCHES RECOVERED	
SAMPLE TYPE		SAMPLE NO.		SAMPLE DEPTH	
UNIFIED SOIL CLASSIFICATION		NUMBER OF RINGS		HNU READING	
BLOWS PER FOOT		140 LB. 30" FREE-FALL DROP HAMMER		INCHES DRIVEN	
SANDY GRAVEL WITH SOME SILT (GM-GP), BROWN, SLIGHTLY MOIST		85		85	
Grades to with more silt (GM)		90		90	
Bottom of well @ 96'		95		95	

RS

Operators Name

DEPT H

HOUR

DATE _____

4

4

Logged By J. Shepherd

Contractors Name Bach

Operators Name Felix

PROJECT Daybreak Community Day #15 #61
JOB NO. 3-2331 DATE 10-30-07 RETAIL AREA

Sheet 1 of 2
LOG OF TEST PIT / BORING NO. #15
RIG / BACKHOE TYPE R-518

TIME STARTED	12:00
TIME FINISHED	2:00

HAMMER WEIGHT & DROP _____
SURFACE ELEV _____

Depth in Feet	
Inches Recovered	Inches Driven
Sample	
Sample Type	
Blows per foot 140 lb. 30" free-fall drop hammer	
Sample Depth	Sample No.
Number of Rings	
HNU Reading	
Unified Soil Classification	

REMARKS

VISUAL CLASSIFICATION

sample 0-5'
@ 12:05

sample 5-10'
@ 12:12

sample 10-15'
@ 12:30

sample 15-20'
@ 12:45

sample 20-30'
@ 1:00

sample 30-40'
@ 1:20

sample 40-50'
@ 1:40

0-20'
red brown sandy gravel, coarse,
with 2-3" rock throughout.
mott

20-38'
red to yellow brown
fine sandy silt, mott

38'-52'
fined brown fine cherty silt.
mott. Some small gravel.

↑

DEPTH	HOUR	DATE
		20
		21
		22

Logged By J. Shell

Contractors Name Bento

Operators Name Felix

PROJECT Dry Creek Community O-gall #15
JOB NO. 5-2159 DATE 10-30-07

LOG OF TEST PIT / BORING NO. #15 Sheet 2 of 2
RIG / BACKHOE TYPE R-518

JOB NO. 5-2139 DATE 10-30-07

DATE 10-30-07

Feet	Inches Driven
Type	
Per foot	10" free-hammer
Sample No.	
of	
ding	
oil	
tion	

TIME STARTED 18:00
TIME FINISHED 2:50

HAMMER WEIGHT & DROP _____
 SURFACE ELEV _____

VISUAL CLASSIFICATION

REMARKS

Depth in Feet	
Inches Recovered	Inches Driven
Sample	
Sample Type	
Blows per foot 140 lb. 30" free-fall drop hammer	
Sample Depth	Sample No.
Number of Rings	
HNU Reading	
Unified Soil Classification	

A large grid of graph paper, similar to the one above, with handwritten labels '02', '01', '00', and '50-60' along the top and bottom edges. The grid is composed of 10 columns and 10 rows of squares. The top edge is labeled '02', '01', '00', and '50-60' from left to right. The bottom edge is labeled '02', '01', '00', and '50-60' from left to right. The grid is used for plotting data, with the top row of squares shaded in light blue.

50-60' Gray Brown clay. moist

60'-70'
red to yellow brown
sandy clay. rust.
some small gravel throughout.

20-80'
red brown gravelly
sand w/ 2x0.8" rock
throughout. moist.
Traces of salt.

Sam 40-70
@ 2005
Sam 70-80
@ 8:05

GROUND WATER

DEPTH	HOUR	DATE
		2-2
		6-1
		6-2

Logged By J. Shepherd

Contractors Name Burho

Operators Name Felix

PROJECT Dugbank Phase 9 Driveway #20
 JOB NO. 3-2039 DATE 11-5-07 #62

Sheet 1 of 2

LOG OF TEST PIT / BORING NO. #20
 RIG / BACKHOE TYPE Q-518

BORING TYPE _____
 HAMMER WEIGHT & DROP _____
 SURFACE ELEV _____

TIME STARTED 8:00
 TIME FINISHED 10:45

Depth in Feet	Inches		Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.		Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
	Inches Recovered	Inches Driven				Sample Depth						
0						0-5'					Sampled 0-5'	0-18'
10						8-10'					Sampled 5-10'	red to yellow brown fine silty sand, moist
20						10-15'					Sampled 10-15'	18-40'
30						20-30'					Sampled 20-30'	
40						30-40'					Sampled 30-40'	40-60'
50						40-50'					Sampled 40-50'	

red to yellow brown
fine silty sand, moist

red to yellow brown
coarse granully sand w/ 2703"
rock, moist

40-60'
red brown granully sand
w/ 1/2703" rock and gravel, moist.

Sampled 40-50'

Sampled 30-40'

Sampled 20-30'

Sampled 15-20'

Sampled 10-15'

Sampled 5-10'

Sampled 0-5'

29:35

DEPTH	HOUR	DATE

GROUND WATER

PROJECT Onyiah Phase 9 Driveway #80
JOB NO. 3-2134 DATE 11-5-09

Sheet 2 of 2
LOG OF TEST PIT / BORING NO. #80
RIG / BACKHOE TYPE R-518
BORING TYPE _____
HAMMER WEIGHT & DROP _____
SURFACE ELEV _____

TIME STARTED 8:00
TIME FINISHED _____

REMARKS

VISUAL CLASSIFICATION

Depth in Feet	Inches Driven	Inches Recovered	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No. Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification
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50									
60									
70									
80									
90									
100									

Sample 50-60 @ 9:48	Sample 60-70 @ 10:06	Sample 70-80 @ 10:15	Sample 80-90 @ 10:25	Sample 90-100 @ 10:40
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60-90' red to red brown sandy clay to clay, w some 8 to 5" cobb, moist	80-97' red to brown silty clay with trace of sand and gravel throughout, moist	97'-100' red brown coarse gravelly sand w/ 2 to 3" cobb throughout moist
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Logged By J. Sheyl

Contractors Name Sevho

Operators Name Felix

DEPTH	HOUR	DATE

End of Boring
@ 100'

End of Boring

PROJECT Danbeck Phase 9 Drilling #17
JOB NO. 3-218 DATE 11-5-07

#63

Sheet 1 of 2
LOG OF TEST PIT / BORING NO. #17
RIG / BACKHOE TYPE R-518
BORING TYPE _____
HAMMER WEIGHT & DROP _____
SURFACE ELEV _____

TIME STARTED 12:15
TIME FINISHED 2:30

VISUAL CLASSIFICATION

REMARKS

Depth in Feet	Inches Driven	Inches Recovered	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.	Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification
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0-14'
med to yellow brown
coarse gravelly sand w/ 2-3"
rock throughout, no:15

14'-30'
med to yellow brown
coarse gravelly sand w/ 3-5"
rock, throughout, no:15

30-40'
yellow brown coarse sand
w/ some gravel, no:15

40-50'
red brown coarse gravelly
sand with some 2" rock
throughout

0										
10										
20										
30										
40										
50										

GROUND WATER

DEPTH	HOUR	DATE

LOG OF TEST PIT / BORING NO. #17
RIG / BACKHOE TYPE B-51K

R-518

1

1

BORING TYPE _____
HAMMER WEIGHT & DROP _____
SURFACE ELEV _____

SURFACE ELEV _____

[illegible]

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BORING TYPE		HAMMER WEIGHT & DROP		SURFACE ELEV	
TIME STARTED		TIME FINISHED		B-36	
REMARKS		VISUAL CLASSIFICATION			
50-60' Sample 50-60' @ 2:00 Sample 60-70' @ 2:15 Sample 70-80' @ 2:30		50-60' red brown sandy clay with some 2 to 3" pebbles throughout, moist 60-70' red brown coarse gravelly sand, with 2 to 3" pebbles throughout, moist 70-80' end of Boring			

DEPTH	HOUR	DATE
		24
		25
		26

Logged By J. Shepherd

Contractors Name Babu

Operators Name

Felix

PROJECT Dang Bank Phase 9, Daymull #18
JOB NO. 3-2189 DATE 11-5-07 # 64

#64

Sheet 1 of 4

LOG OF TEST PIT / BORING NO. #18
RIG / BACKHOE TYPE R-518

BORING TYPE

HAMMER WEIGHT & DROP

SURFACE ELEV

TIME STARTED 2:40
TIME FINISHED 4:10

VISUAL CLASSIFICATION

Depth in Feet	Inches Recovered	Inches Driven	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No. Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
0											
10						0-8				Sample 0-5' @ 2:45	0-16' yellow brown coarse granully sand w/ 2 to 8" roots, moist
20						5-16				Sample 5-16' @ 2:50	
30						10-15				Sample 10-15' @ 2:55	
40						15-20				Sample 15-20' @ 3:00	18-30' red brown fine silty sand w/ traces of clay. Some gravel, moist.
50						20-30				Sample 20-30' @ 3:05	30-50' red to red brown fine silty clay w/ some gravel plumbago, moist.
60						30-40				Sample 30-40' @ 3:15	
70						40-50				Sample 40-50' @ 3:20	

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED 2:40

TIME FINISHED 4:10

GROUND WATER

Logged By J. Shepherd

Contractors Name Busho

Operators Name Felix

PROJECT Don't talk Phase 9 Original # 18
JOB NO. 3-6-139 DATE 11-5-07

Sheet 2 of 2
LOG OF TEST PIT / BORING NO. #16
RIG / BACKHOE TYPE R-516

[illegible]

DEPTH	HOUR	DATE
		1-2
		2-2
		3-2

PROJECT Dog Back Dry Wells
 JOB NO. 2879-000259 DATE 11/6/07

65

LOG OF TEST PIT / BORING NO. 19

RIG / BACKHOE TYPE _____
 BORING TYPE _____
 HAMMER WEIGHT & DROP _____
 SURFACE ELEV _____

TIME STARTED 8:00
 TIME FINISHED 11:00

Depth in Feet	Inches Driven	Inches Recovered	Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.	Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
5												
10												
15												
20												
25												

*5.75 to 5.90 ft GRAY (Gm)
 Brown, slightly more*

*Grades to with more Silt,
 must be very moist*

DEPTH	HOUR	DATE

Logged By Reg Contractors Name _____ Operators Name _____

LOG OF TEST PIT / BORING NO. 19

RIG / BACKHOE TYPE _____

BORING TYPE _____

HAMMER WEIGHT & DROP _____

— SURFACE ELEV _____

TIME STARTED _____
TIME FINISHED _____

MINIMUM WEIGHT & DIM	SURFACE ELEV

TIME FINISHED _____

Depth in Feet		Inches		Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.	Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
Recovered	Driven												
25													
30													
35													
40													
45													
50													
55													
60													
65													
70													
75													
80													
85													
90													
95													
100													

TIME STARTED _____

TIME FINISHED _____

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

Grade to 10 ft. Low Silt, Very moist

Sandy GRAVELLY with some Silt

Com. GP, Very moist

GROUND WATER

DEPTH	HOUR	DATE
		2-2
		2-2
		2-2

GROUND WATER

LOG OF TEST PIT / BORING NO. 213
RIG / BACKHOE TYPE _____

BORING TYPE _____
HAMMER WEIGHT & DROP _____
SURFACE ELEV _____

TIME STARTED _____
TIME FINISHED _____

REMARKS

VISUAL CLASSIFICATION

A hand-drawn stratigraphic column is shown, consisting of a grid of 10 columns and 10 rows. The grid is divided into three horizontal sections by two lines. The top section is labeled 'CLAY (CL), Brown, dry Mass' and contains handwritten notes '8 5.1' and '60.5 7.5'. The middle section is labeled 'Sandy CLAY & GRAVEL (GC)' and contains handwritten notes '10 5.8' and '70.5 8.0'. The bottom section is labeled 'Clayey & Sandy GRAVEL (GC)' and contains handwritten notes '70 1.2' and '70.5 8.0'. The grid is labeled 'GROUND WATER' on the left side.

Section	Material	Color	Notes
Top	CLAY (CL)	Brown	dry Mass
Middle	Sandy CLAY & GRAVEL (GC)		
Bottom	Clayey & Sandy GRAVEL (GC)		

Logged By_____

Contractors Name_____

Operators Name _____

DEPTH	HOUR	DATE

PROJECT Box Backe, Dry Well

JOB NO. 3812002132 DATE 11/6/07

Sheet 4 of 4

LOG OF TEST PIT / BORING NO. 17

RIG / BACKHOE TYPE _____

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED _____
TIME FINISHED _____

REMARKS

VISUAL CLASSIFICATION

Depth in Feet

Inches Driven
Inches Recovered

Sample

Sample Type

Blows per foot
140 lb. 30" free-fall drop hammer

Sample No.
Sample Depth

Number of Rings

HNU Reading

Unified Soil Classification

75

80

85

90

95

GROUND WATER

DEPTH

HOUR

DATE

Silty & Sandy GRAVEL with occ
Cobbles, very moist, Brown

Grades to Loss Silty, Dry & moist
Brown

Stopped Drilling @ 97 ft

TIME STARTED _____

TIME FINISHED _____

Depth in Feet	Inches		Sample	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No.		Number of Rings	HNU Reading	Unified Soil Classification	REMARKS	VISUAL CLASSIFICATION
	Recovered	Driven				Sample Depth						
25												
30												occ cobbles Sandy GRAVEL with some silt (Gm-60%), Brown, Moist
35												Very Moist Very Moist
40												Very Moist & h.s.t. with cobbles & small boulders
45												CLAY (CL), Brown, Moist & h.s.t. Moist
50												

GROUND WATER

DEPTH	HOUR	DATE

PROJECT Dog Creek, ReynoldsSheet 3 of 4JOB NO. 20192129 DATE 11/6/07LOG OF TEST PIT / BORING NO. 21

RIG / BACKHOE TYPE _____

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED _____

TIME FINISHED _____

REMARKS

VISUAL CLASSIFICATION

Depth in Feet

Inches
RecoveredInches
Driven

Sample

Sample Type

Blows per foot
140 lb. 30" free-
fall drop hammerSample No.
Sample
DepthNumber of
Rings

HNU Reading

Unified Soil
Classification

50

8
62.8 ft
SS

55

layered Sandy SILT to CLAY,
(inc. cl), very moist

60

9
63.5 ft
SS

SILT CLAY with some Sand

65

Clayey & Sandy GRAVEL (GC)
Brown, very moist

70

10
70.8 ft
SS

75

GROUND WATER

DEPTH HOUR DATE

LOG OF TEST PIT / BORING NO. 21

RIG / BACKHOE TYPE _____

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED _____
TIME FINISHED _____

TIME FINISHED _____

REMARKS

VISUAL CLASSIFICATION

GROUND WATER				BORING TYPE	
DEPTH	HOUR	DATE	REMARKS	VISUAL CLASSIFICATION	HAMMER WEIGHT & DROP
75					
80					
85					
90					
95					
100					

PROJECT Omybank, Common Port Drywall # K
 JOB NO. 3-2139 DATE 11-2-07 #67

Sheet 1 of 2

LOG OF TEST PIT / BORING NO. 16

RIG / BACKHOE TYPE R-518

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED 9:30

TIME FINISHED 11:30

REMARKS

VISUAL CLASSIFICATION

Depth in Feet	Inches Recovered	Sample Type	Blows per foot 140 lb. 30" free-fall drop hammer	Sample No. Sample Depth	Number of Rings	HNU Reading	Unified Soil Classification
0							
10							
20							
30							
40							
50							

Sample 0-5'
@ 9:35'

Sample 5-10'
@ 9:45'

Sample 10-15'
@ 9:55'

Sample 15-20'
@ 10:00

Sample 20-30'
@ 10:22

Sample 30-40'
@ 10:35'

Sample 40-50'
@ 10:50

0-15'
red to yellow brown sandy
gravel w/ 2-3" rock throughout.
moist

switched Auger B.T to 3' @ 18'

18'-22'
red to yellow brown, gravelly
coarse sand w/ some silt.
2-3" rock throughout

22'-30'
red to grey brown coarse
gravelly sand w/ 2 to 3" rock,
moist to wet.

30'-60'
red to grey brown coarse sandy
gravel w/ 3-5" rock, moist to
wet.



GROUND WATER

DEPTH	HOUR	DATE

Operator's Name C. L. X

Contractor's Name B. D. R.

Logged By J. Smith

PROJECT OnionJOB NO. 3-2584 DATE 10-2-07Sheet 2 of 2LOG OF TEST PIT / BORING NO. 16RIG / BACKHOE TYPE R-S18

BORING TYPE _____

HAMMER WEIGHT & DROP _____

SURFACE ELEV _____

TIME STARTED 9:30TIME FINISHED 11:30

REMARKS

VISUAL CLASSIFICATION

Depth in Feet

Inches
Driven
Inches
Recovered

Sample

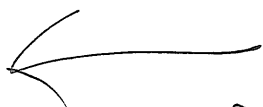
Sample Type

Blows per foot
140 lb. 30" free-
fall drop hammerSample No.
Sample
DepthNumber of
Rings

HNU Reading

Unified Soil
Classification

Cont. from pg 1.



62' End of Boring 11:30 am

Sample 50-60
@ 11:10

50

60

70

GROUND WATER

DEPTH

HOUR

DATE

Contractors Name BurboOperators Name FelixLogged By J. Sheple