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WETLANDS DELINEATION REPORT

Vanasse Hangen Brustlin, Inc.

Date:

December 22, 2006

Project No.:

40655

Prepared For:

Ms. Alexandria Carter Verizon Wireless 99 East River Drive

East Hartford, Connecticut 06108

Site Location:

New Milford NE 355 Litchfield Road

New Milford, Connecticut

Site Map:

Lease Exhibit, 09/20/05, Natcomm, LLC

Inspection Date:

July 29, 2006

Local Regulated Upland Review Areas: Wetlands: 100 feet

Field Conditions:

Weather: sunny, low 90's General Soil Moisture: moist

Snow Depth: 0 inches

Frost Depth: 0 inches

Type of Wetlands Identified and Delineated:

Connecticut Inland Wetlands and Watercourses

Tidal Wetlands

U.S. Army Corps of Engineers

Watercourses: 150 feet

Field Numbering Sequence of Wetlands Boundary: Connecticut - WF 1 to 10

[as depicted on attached wetland sketch map]

The classification systems of the National Cooperative Soil Survey, the U.S. Department of Agriculture, Natural Resources Conservation Service, County Soil Survey Identification Legend, Connecticut Department of Environmental Protection and United States Army Corps of Engineers New England District were used in this investigation.

All established wetlands boundary lines are subject to change until officially adopted by local, state, or federal regulatory agencies.

The wetlands delineation was conducted and reviewed by:

Dean Gustafson

Professional Soil Scientist

Enclosures

54 Tuttle Place Middletown, Connecticut 06457-1847 860.632.1500 • FAX 860.632.7879 email: info@vhb.com www.vhb.com

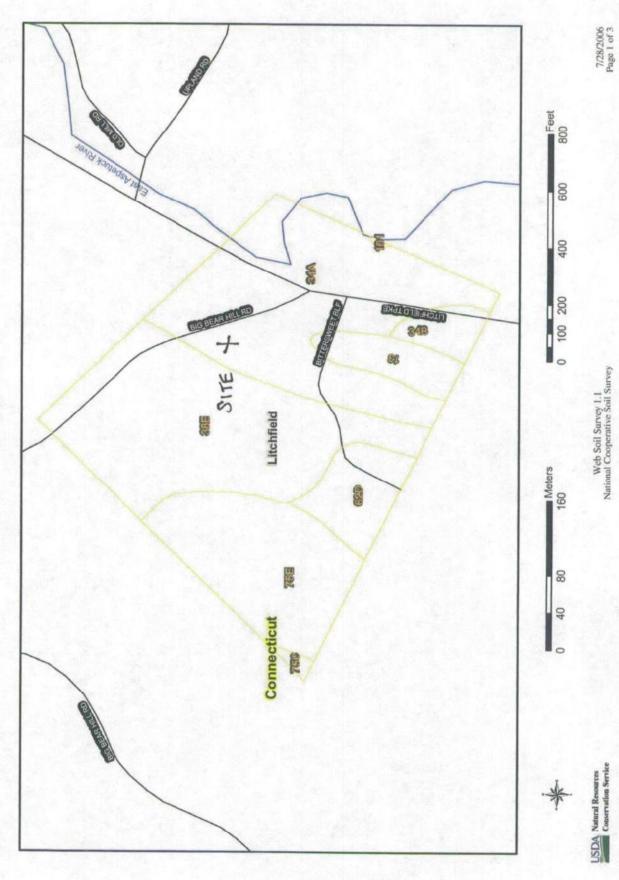
Attachments

- ➤ Wetland Delineation Field Form

- Soil Map Soil Report Wetland Delineation Sketch Map

Wetland Delineation Field Form

Project Name:	VERIZON K	LEW Milford	N.E.	Project N	Number:	406	.5 <i>5</i>	
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	Genera	l Soil Moisture		ist		st Depth:	None	
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	-	ACOE						
	<u> </u>	Tidal						
Field Numbering	Sequence:	WF	to	10				
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Proposed Verizon New Milford N.E.

Interstate Highways Detailed Counties Detailed States Soil Map Units Hydrography MAP LEGEND Cities Roads AVAVAAAA

Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov Source of Map: Natural Resources Conservation Service

Coordinate System: UTM Zone 18

Soil Survey Area: State of Connecticut Spatial Version of Data: 3 Soil Map Compilation Scale: 1:12000

Escarpment, non-bedrock Escarpment, bedrock

Depression, closed

Borrow Pit

Blowout

Levee Slope

333

Clay Spot

Eroded Spot

Gravel Pit

Gravelly Spot

Gulley

Lava Flow

Landfill

MAP INFORMATION

Map comprised of aerial images photographed on these dates: 3/31/1991

Miscellaneous Water

Rock Outcrop

Saline Spot Sandy Spot Slide or Slip

Marsh or Swamp

Perennial Water rery Stony Spo Stony Spot Spoil Area

Sodic Spot

Sinkhole

Web Soil Survey 1.1 National Cooperative Soil Survey

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps.

As a result, some minor shifting of map unit boundaries may be evident.

USDA Natural Resources
Conservation Service

Wet Spot

Map Unit Legend Summary

State of Connecticut

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
13	Walpole sandy loam	1.6	4.9
34A	Merrimac sandy loam, 0 to 3 percent slopes	10.9	33.2
34B	Merrimac sandy loam, 3 to 8 percent slopes	1.0	3.0
38E	Hinckley gravelly sandy loam, 15 to 45 percent slopes	10.9	33.1
62D	Canton and Charlton soils, 15 to 35 percent slopes, extremely stony	2.2	6.6
75C	Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes	0.2	0.5
75E	Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes	6.1	18.6
101	Occum fine sandy loam	0.0	0.1

State of Connecticut

[Only those map units that have entries for the selected non-technical description categories are included in this report]

Map Unit: 13 - Walpole sandy loam

2 - 1 - 1 - 1 -

Description Category: SOI

Walpole Sandy Loam

This map unit is in the Connecticut Valley Major Land Resource Area. The mean annual precipitation is 37 to 50 inches (940 to 1270 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 80 percent Walpole soils. 20 percent minor components. Walpole soils

This component occurs on outwash plain terrace, depression, and drainageway landforms. The parent material consists of sandy and gravelly. glaciofluvial deposits from gniess, granite, and schist. The slope ranges from 0 to 3 percent and the runoff class is very low. The depth to a restrictive feature is greater than 60 inches. The drainage class is poorly drained. The slowest permeability within 60 inches is about 1.98 in/hr (moderately rapid), with about 5.2 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches. is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is about 6 inches. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in water teble, when present, is about 6 inches. The maximum calcium carponate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline): The Noninfgated Land Capability Class is 4w

7 to 21 inches; sandy loam

21 to 25 inches; gravelly sandy loam

21 to 25 inches; gravelly sandy loam

25 to 41 inches; stratified very gravelly coarse sand to loamy fine sand

41 to 65 Inches; stratified very gravelly coarse sand to loamy fine sand

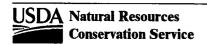
Map Unit: 34A - Merrimac sandy loam, 0 to 3 percent slopes

Description Category: SOI

Merrimac Sandy Loam, 0 To 3 Percent Slopes

This map unit is in the New England and Eastern New York Upland, Southern Part Connecticut Valley Major Land Resource Area. The mean This map unit is in the New England and Eastern New York Opidifu, Southern Fait Confidence in the New England and Eastern New York Opidifus, Southern Fait Confidence in the England II to 1270 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 80 percent Merrimac soils: 20 percent minor components.

This component occurs on valley outwash plain, terrace, and kame landforms. The parent material consists of sandy glaciofluvial deposits derived from schist, granite, and gnelss. The slope ranges from 0 to 3 percent and the runoff class is very low. The depth to a restrictive feature is greater than 60 inches. The drainage class is somewhat excessively drained. The lowest permeability within 60 inches is about 1.98 In/hr (moderately rapid); with about 4.0 inches (moderate) available water capacity. The weighted average shrink swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any, layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is in the first of the first of



State of Connecticut

Description Category: SOI Map Unit: 34B - Merrimac sandy loam, 3 to 8 percent slopes

Merrimac Sandy Loam. 3 To 8 Percent Slopes

This map unit is in the New England and Eastern New York Upland, Southern Part Connecticut Valley Major Land Resource Area. The mean annual precisitation is 32 to 50 inches (813 to 1270 millimeters) and the average annual air temperature is 45 to 52 degrees F. (7 to 11 degrees C.) This map unit is 80 percent Merrimac soils. 20 percent minor components.

Merrimac soils

This component occurs on valley outwash plain, terrace, and kame landforms. The parent material consists of sandy glaciofluvial deposits derived from schist, granite, and grielss. The slope ranges from 3 to 8 percent and the runoff class is low. The depth to a restrictive feature is greater than 60 inches. The drainage class is somewhat excessively drained. The slowest permeability within 60 inches is about 1.98 in/hr (moderately rapid), with about 4.0 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 20

Typical Profile:

0 to 9 inches; sandy loam

16 to 24 inches; gravelly sandy loam

24 to 60 inches; straitfied very gravelly coarse sand to gravelly sand

Map Unit: 38E - Hinckley gravelly sandy loam, 15 to 45 percent slopes

Description Category: Solid in the state of the state of

*This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 40 to 50 inches (1016 to 1270 millimeters) and the average annual air temperature is 45 to 55 degrees F. (7 to 13 degrees C.) This map unit is 80 percent Hinckley soils. 20 percent minor components.

Hinckley soils and percent Hinckley soils and percent minor components.

Hinckley soils are the percent minor components.

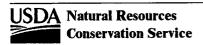
This component occurs on valley outwash plain, terrace, kame, and esker landforms. The parent material consists of sandy and gravelly.

This component occurs on valley outwash plain, terrace, kame, and esker landforms. The parent material consists of sandy and gravelly.

glaciofluvial deposits derived from schist, granite, and gneiss. The slope ranges from 15 to 45 percent and the runoff class is high. The depth to a restrictive feature is greater than 60 inches. The drainage class is excessively drained. The slowest permeability within 60 inches is about 5.95 In/hr (rapid), with about 2.3 inches (very low) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 69.

Typical Profile:

10 to 8 inches; gravelly sandy loam, 8 to 20 inches; very gravelly loamy sand, 20 to 27 inches; very gravelly sand, 21 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand, 42 to 60 inches; stratified cobbly coarse sand to extremely gravelly sand.



State of Connecticut

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State of Connecticut

Map Unit: 75C - Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes HO-ROOK Outloop Care and the second second

Description Category: SOI

Hollis-Chatfield-Rock Outcrop Complex, 3 To 15 Percent Slopes

This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 54 degrees F. (7 to 12 degrees C.) This map unit Is 35 percent Hollis soils, 30 percent Chatfield soils, 15 percent Rock Outcrop. 20 percent minor components.

This component occurs on upland hill and ridge landforms. The parent material consists of melt-out till derived from grapite, gneiss, and schist. The slope ranges from 3 to 15 percent and the runoff class is low. The depth to a restrictive feature is 10 to 20 inches to bedrock (lithic). The drainage class is somewhat excessively drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 1.8 inches (very low) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm (nonsaline). The Nonirrigated Land Capability Class is 6s Typical Profile: 1

O to 1 inches; highly decomposed plant material

1 to 6 inches; gravelly fine sandy loam

6 to 9 inches; channery fine sandy loam

6 to 9 inches; channery fine sandy loam

9 to 15 inches; gravelly fine sandy loam

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This component occurs on upland hill and ridge landforms. The parent material consists of melt-out till derived from gneiss, granite, and schist. The slope ranges from 3 to 15 percent and the runoff class is low. The depth to a restrictive feature is 20 to 40 inches to bedrock (lithic). The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 3.3 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 Inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm than o letter the maximum cardian carsonate the constant of the maximum cardian carsonate the constant of the control of the Typical Profile:

0 to 1 inches; highly decomposed plant material

1 to 6 inches; gravely fine sandy loam

1 to 29 inches; gravely fine sandy loam

29 to 36 inches; unweathered bedrock

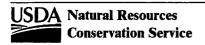
Rock Outcrop 4

The concept of the sandy loam

29 to 36 inches; unweathered bedrock

Rock Outcrop

This component occurs on bedrock controlled landforms. The slope ranges from 3 to 15 percent and the runoff class is very high. The Nonimigated Land Capability Class is 8



State of Connecticut

Map Unit: 75E - Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes

Description Category: SOI

Hollis-Chatfield-Rock Outcrop Complex, 15 To 45 Percent Slopes

This map unit is in the New England and Eastern New York Upland, Southern Part Major Land Resource Area. The mean annual precipitation is 37 to 49 inches (940 to 1244 millimeters) and the average annual air temperature is 45 to 54 degrees F. (7 to 12 degrees C.) This map unit is 37 to 49 inches (940 to 1244 millimeters) and the average emiliar an inches (940 to 1244 millimeters) and the average emiliar and inches (940 to 1244 millimeters) and the average emiliary and the solids, 30 percent Chatfield soils, 15 percent Rock Outcrop. 20 percent minor components.

Hollis soils

This component occurs on upland hill and ridge landforms. The parent material consists of melt-out till derived from granite, gneiss, and schist. The slope ranges from 15 to 45 percent and the runoff class is high. The depth to a restrictive feature is 10 to 20 inches to bedrock (lithic). The drainage class is somewhat excessively drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 1.8 Inches (very low) available water capacity. The weighted average shrink-swell potential in 10 to 60 Inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum carcium carbonate within 17 maximum about 0 mmhos/cm (nonsaline). The Nonlingated Land Capability Class is 7s. present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is

Typical Profile:
0 to 1 Inches; highly decomposed plant material

1 to 6 inches; gravelly fine sandy loam 6 to 9 inches; channery fine sandy loam

9 to 15 inches; gravelly fine sandy loam

15 to 25 inches; unweathered bedrock.

This component occurs on upland hill and ridge landforms. The parent material consists of melt-out till derived from gnelss, granite, and schist. The slope ranges from 15 to 45 percent and the runoff class is high. The depth to a restrictive feature is 20 to 40 inches to bedrock (lithic). The drainage class is well drained. The slowest permeability within 60 inches is about 0.57 in/hr (moderate), with about 3.3 inches (moderate) available water capacity. The weighted average shrink-swell potential in 10 to 60 inches is about 1.5 LEP (low). The flooding frequency for this component is none. The ponding hazard is none. The minimum depth to a seasonal water table, when present, is greater than 6 feet. The maximum calcium carbonate within 40 inches is none. The maximum amount of salinity in any layer is about 0 mmhos/cm than b leet. The maximum calcium carbonate within 10 mones is recommended in the Nonlingated Land Capability Class is 7s (nonselfine). The Nonlingated Land Capability Class is 15
Typical Profile:

1 to 1 inches, highly decomposed plant material
1 to 6 inches, gravelly fine sandy loam
6 to 15 inches; gravelly fine sandy loam

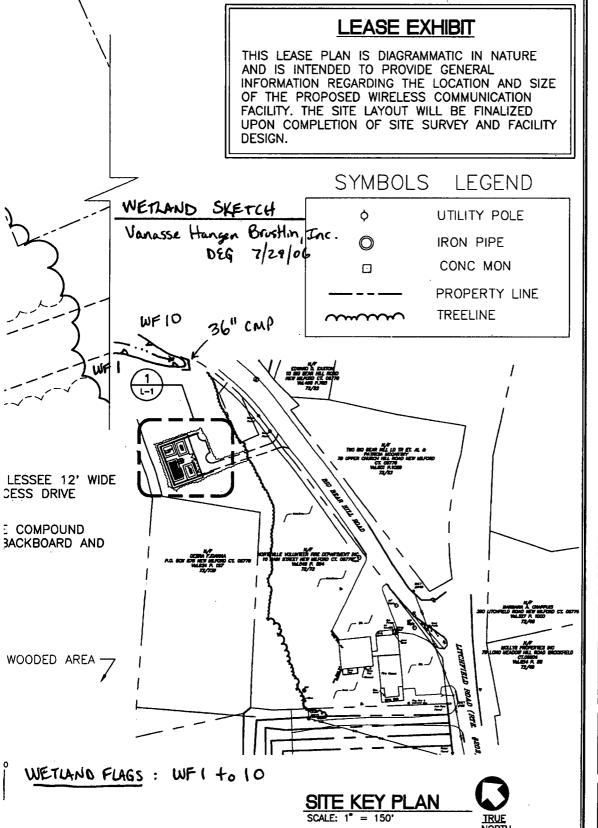
15 to 29 inches; gravelly fine sandy loam
29 to 36 inches; unweathered bedrock

Rock Outcrop This component occurs on bedrock controlled landforms. The slope ranges from 15 to 45 percent and the runoff class is very high. The Nonimigated Land Capability Class is 8



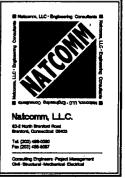
State of Connecticut

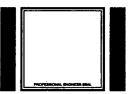
ар	Unit:	101 - Occum fine	sandy loan	1											
		1	t materials The second		- 4 K	1			1.7		*	** * 5 1			% 1 ~ % r 1
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٠.	0	ccum Fine Sandy	Loom	era a a						* 11 19* 1 4 4 5 5 1	ta de la compa		. h n		Os 190 and
	77	nis map unit is in t	he Connec	ticut Valley I	New England	l and Easter	n New Yo	rk Upland	l. South	em Part I	Aajor La	nd Resol	irce Ar	ea. Th	e mean
1	an	nual precipitation	is 35 to 50	inches (889	o to 1270 mil	limeters) an	d the aver	age annu	al air tei	mperature	is 45 to	54 degr	ees F.	(7 to 1	2
	de	grees C.) This m	ap unit is 80	percent O	ccum soils. 2	0 percent m	inor comp	onents.			9 9	Be a second		a q , .	
1 .		it mang sagang ang sagang ang sagang sag Sagang sagang sagan	9 Y 2 H +		A deces	S. Stark and	f set etain	*** * * * *			Carlon year. San de da	A %	b at a		5 P 11
	O C	ccum soils nis component oc	7 1 2:	a special production of the special sp	forms The s	omet mater	ial condict	o of allund	um The	s clone m	nae fr	m n m 3	nercen	t and i	he
"		noff class is very	low The de	u piairi iariu onth to a mes	trictive featu	areni inaler m is amater	than 60 ir	ches The	um. me e draina	ae class	is well o	rained. T	he slov	vest	
r	De	rmeability within	60 inches is	about 0.57	in/hr (mode	ate), with a	bout 5.7 in	ches (hig	h) availa	able wate	r capac	ty. The w	eightei	d aven	age .
E++	. sh	rink-swell potenti	al in 10 to 6	0 inches is	about 1.5 LE	P (low). The	flooding I	requency	for this	compone	nt is oc	casional.	The po	onding	hazard
4	, is	none. The minim	um depth to	a seasonal	l water table,	when prese	ent, is abo	ıt 63 inch	es. The	maximur	n calciu	m carbon	ate wit	hin 40	inches
p. ·		none. The maxim	num amouni	t of salinity i	n any layer is	s about 0 mi	mhos/cm (nonsaline). The I	Vonimigat	ed Lano	Capabili	y Clas	s is 1	h fa
ug.		pical Profile:	1.81 gib.,q.g., 	waa da a	1 1 - 5 42 .	4 L L U -		/ b n	erik di w	er eg	-1-2	· transq	1- 3 s - 3 d	4 ; 1	o i anda. O indi
d.		to 10 inches; fine to 17 inches; fin			. (1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1 m 1	# ' pag	4 10 1 10 10	1 1 2 2 2	1 5 0 1 1 5 5 5	na nituali na laur		~ +	8 9,4	v 0 9	a in the
:		to 28 inches; sai			ing in the second of the secon	er grasg. Brakenaa	3 # 4 4 4 5 4 5 4	fra r	/ i, m- 1	€i γ	** **	The state of the s	# 41	5 - S.	4 4 4 4
1		to 32 inches; str		gravelly coa	rse sand to	oamy fine s	and	Bartia Fra	# - 4 4 * 5 4 4		50 de 9	1.4.	7 74	F 18 2+	H C TAG
-ļ-		to 42 inches, str						7 4 2 1			nd gra	5 5 4 .	n . 5 g		73 75
1 .	42	to 65 inches: str	atified very	aravelly coa	rse sand to l	oamv fine s	and	r L · a		на в Сф.	- 1 - 1 - 1		p. 2	8.2 m	p = 3 5



	RE\	/ISIONS
01	09/20/05	LEASE EXHIBIT
02	11/08/05	REVISED LEASE EXHIBIT
63	11/18/05	REVISED LEASE EXHIBIT









PROJECT NO:	05106
DRAWN BY:	DMD
CHECKED BY:	CFC
SCALE:	AS NOTED
DATE:	09/20/05

LEASE EXHIBIT

____1 DWG. _1_ OF 3

