#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-1

CREW: KJB, EM SURFACE ELEVATION:

NATER ON COMPLETION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 711 Bewicke HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE					TESTED CO	NSISTENCY
DEPT	Н	PER 10 cm	Kg/cm ²	0	50	100 150	N'	NON-COHESIVE	COHESIVE
-		2	8.9	••			2	VERY LOOSE	SOFT
-		17	75.5	••••••	•••••		21	MEDIUM DENSE	VERY STIFF
-	1 ft	24	106.6	••••••	••••••	•••••	25+	MEDIUM DENSE	VERY STIFF
-		15	66.6	••••••	•••••		19	MEDIUM DENSE	VERY STIFF
-		13	57.7	••••••	•••••		16	MEDIUM DENSE	VERY STIFF
-	2 ft	4	17.8	••••			5	LOOSE	MEDIUM STIFF
-		8	35.5	•••••	•		10	LOOSE	STIFF
-		21	93.2	••••••	••••••	••••	25+	MEDIUM DENSE	VERY STIFF
-	3 ft	27	119.9	••••••	••••••	•••••	25+	DENSE	HARD
- 1 m		35	155.4	••••••	••••••	••••••	25+	DENSE	HARD
-		58	223.9	••••••	••••••	••••••	25+	VERY DENSE	HARD
-	4 ft	44	169.8	••••••	••••••	••••••	25+	DENSE	HARD
-		43	166.0	••••••	••••••	••••••	25+	DENSE	HARD
-									
-	5 ft								
-									
-									
-	6 ft								
-									
- 2 m									
	7 ft								
_									
_									
_	8 ft								
_									
_									
_	9 ft								
_									
_									
- 3 m 1	0 ft								
_									
_									
_									
_ 1	1 ft								
_									
_ 1	2 ft								
<u> </u>									
_									
- 4 m 1	3 ft								
' 1	5 10								

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-02

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2009 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE					NSISTENCY		
DEF	PTH	PER 10 cm	Kg/cm ²	0	50	100	150	N'	NON-COHESIVE	COHESIVE
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	1 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	2 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	3 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
- 1 m		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		6	23.2	•••••				6	LOOSE	MEDIUM STIFF
-	4 ft	5	19.3	••••				5	LOOSE	MEDIUM STIFF
-		5	19.3	••••				5	LOOSE	MEDIUM STIFF
-		5	19.3	••••				5	LOOSE	MEDIUM STIFF
-	5 ft	5	19.3	••••				5	LOOSE	MEDIUM STIFF
-		6	23.2	•••••				6	LOOSE	MEDIUM STIFF
-		3	11.6	•••				3	VERY LOOSE	SOFT
-	6 ft	4	15.4	••••				4	VERY LOOSE	SOFT
-		4	15.4	••••				4	VERY LOOSE	SOFT
- 2 m		6	23.2	•••••				6	LOOSE	MEDIUM STIFF
-	7 ft	6	20.5	••••				5	LOOSE	MEDIUM STIFF
-		5	17.1	••••				4	VERY LOOSE	SOFT
-		5	17.1	••••				4	VERY LOOSE	SOFT
-	8 ft	5	17.1	••••				4	VERY LOOSE	SOFT
-		5	17.1	••••				4	VERY LOOSE	SOFT
-		5	17.1	••••				4	VERY LOOSE	SOFT
-	9 ft	4	13.7	•••				3	VERY LOOSE	SOFT
-		4	13.7	•••				3	VERY LOOSE	SOFT
-		3	10.3	••				2	VERY LOOSE	SOFT
- 3 m	10 ft	2	6.8	•				1	VERY LOOSE	VERY SOFT
-		13	39.8	••••••	••			11	MEDIUM DENSE	STIFF
-		50	153.0	••••••	••••••	•••••	•••••	25+	DENSE	HARD
-		0	0.0					0	VERY LOOSE	VERY SOFT
-	11 ft									
-										
-										
-	12 ft									
-										
-										
- 4 m	13 ft									

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-03

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2015 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

	BLOWS RESISTANCI			GRAPH	OF CON	NE RESISTA	ANCE		TESTED CO	NSISTENCY
DEF	PTH	PER 10 cm	Kg/cm ²	0	50	100	150	N'	NON-COHESIVE	COHESIVE
-		5	22.2	•••••				6	LOOSE	MEDIUM STIFF
_		1	4.4	•				1	VERY LOOSE	VERY SOFT
_	1 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	2 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
_		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	3 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
- 1 m		1	4.4	•				1	VERY LOOSE	VERY SOFT
_		2	7.7	••				2	VERY LOOSE	SOFT
-	4 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-	5 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-		4	15.4	••••				4	VERY LOOSE	SOFT
-	6 ft	7	27.0	•••••				7	LOOSE	MEDIUM STIFF
-		7	27.0	•••••				7	LOOSE	MEDIUM STIFF
- 2 m		9	34.7	•••••				9	LOOSE	STIFF
-	7 ft	10	34.2	•••••				9	LOOSE	STIFF
-		10	34.2	•••••				9	LOOSE	STIFF
-		8	27.4	•••••				7	LOOSE	MEDIUM STIFF
-	8 ft	8	27.4	•••••				7	LOOSE	MEDIUM STIFF
-		9	30.8	•••••				8	LOOSE	MEDIUM STIFF
-		16	54.7	•••••	••••			15	MEDIUM DENSE	STIFF
-	9 ft	11	37.6	•••••				10	LOOSE	STIFF
-		17	58.1	•••••	•••••			16	MEDIUM DENSE	VERY STIFF
-		20	68.4	•••••	•••••			19	MEDIUM DENSE	VERY STIFF
- 3 m	10 ft									
-										
-										
-										
-	11 ft									
-										
-										
-	12 ft									
-										
-										
- 4 m	13 ft									

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-04

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2017 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

RESISTANCE GRAPH OF CONE RESISTANCE TESTED CONSISTENCY **BLOWS** N' **DEPTH** PER 10 cm Kg/cm² 0 50 100 150 NON-COHESIVE **COHESIVE** 4.4 1 VERY LOOSE VERY SOFT **VERY LOOSE** 1 4.4 1 **VERY SOFT** 3 3 13.3 **VERY LOOSE** 1 ft **SOFT** 3 13.3 3 **VERY LOOSE SOFT** ••• 2 2 8.9 **VERY LOOSE SOFT** 2 ft 1 1 4.4 VERY LOOSE VERY SOFT 1 4.4 1 **VERY LOOSE** VERY SOFT 2 2 **VERY LOOSE** 8.9 **SOFT** 3 ft 1 4.4 1 VERY LOOSE VERY SOFT 2 8.9 2 **VERY LOOSE SOFT** 1 m 3 11.6 3 **VERY LOOSE SOFT** 2 **SOFT** 4 ft 7.7 2 **VERY LOOSE** 1 3.9 1 **VERY LOOSE VERY SOFT** 1 3.9 1 **VERY LOOSE VERY SOFT** 5 ft 1 3.9 1 VERY LOOSE **VERY SOFT** 3.9 **VERY LOOSE VERY SOFT** 1 1 3.9 **VERY LOOSE** 1 1 VERY SOFT 3.9 6 ft 1 **VERY LOOSE** VERY SOFT VERY SOFT 1 3.9 1 **VERY LOOSE** 2 m 1 3.9 1 VERY LOOSE VERY SOFT 3 7 ft 4 13.7 **VERY LOOSE SOFT** 6 20.5 5 **LOOSE MEDIUM STIFF** 5 6 20.5 LOOSE **MEDIUM STIFF** 8 ft 7 23.9 6 **LOOSE MEDIUM STIFF** 19 65.0 18 **MEDIUM DENSE** VERY STIFF 11 37.6 10 **LOOSE STIFF** 9 ft 51.3 14 **MEDIUM DENSE** 15 **STIFF** 16 54.7 15 **MEDIUM DENSE STIFF** 8 7 27.4 **LOOSE MEDIUM STIFF** ••••• 3 m 10 ft 20.5 5 **LOOSE** 6 **MEDIUM STIFF** 7 9 27.5 LOOSE **MEDIUM STIFF** 6 5 18.4 **LOOSE MEDIUM STIFF** 2 6.1 1 **VERY LOOSE VERY SOFT** 11 ft 2 6.1 1 **VERY LOOSE VERY SOFT** 3 2 9.2 **VERY LOOSE SOFT** 3 2 9.2 **VERY LOOSE SOFT** 5 4 12 ft 15.3 •••• **VERY LOOSE SOFT** 4 3 **VERY LOOSE SOFT** 12.2 3 4 12.2 **VERY LOOSE SOFT** 4 m 13 ft 4 ••• 3 12.2 **VERY LOOSE SOFT**

HOLE #: DC-04

WILDCAT DYNAMIC CONE LOG

Page 2 of 2

PROJECT: Mosquito Creek

PROJECT NUMBER:

06-043

		BLOWS		GRAPH OF CONE RESISTANCE		TESTED CO	NSISTENCY
DEF	тн	PER 10 cm	Kg/cm ²	0 50 100 150	N'	NON-COHESIVE	COHESIVE
-	111	4	11.1	•••	3	VERY LOOSE	SOFT
_		6	16.6	••••	4	VERY LOOSE	SOFT
_	14 ft	5	13.9	••••	3	VERY LOOSE	SOFT
_	1 . 10	5	13.9	••••	3	VERY LOOSE	SOFT
_		6	16.6	••••	4	VERY LOOSE	SOFT
_	15 ft	8	22.2	•••••	6	LOOSE	MEDIUM STIFF
_		11	30.5	•••••	8	LOOSE	MEDIUM STIFF
_		12	33.2	•••••	9	LOOSE	STIFF
_	16 ft	75	207.8	•••••	25+	VERY DENSE	HARD
- 5 m		89	246.5	••••••	25+	VERY DENSE	HARD
_							
_	17 ft						
_							
_							
_	18 ft						
_							
_							
_	19 ft						
_							
- 6 m							
_	20 ft						
_							
_							
_	21 ft						
_							
_							
_	22 ft						
_							
_							
- 7 m	23 ft						
_							
_							
-	24 ft						
=							
-							
-	25 ft						
-							
-							
-	26 ft						
- 8 m							
-							
-	27 ft						
-							
-							
-	28 ft						
-							
-							
-	29 ft						
-							
- 9 m							

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-05

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 632 W.23rd HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	GRA	PH OF CO	NE RESIST	ANCE		TESTED CO	NSISTENCY
DEP	TH	PER 10 cm	Kg/cm ²	0	50	100	150	N'	NON-COHESIVE	COHESIVE
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	1 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	2 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	3 ft	6	26.6	•••••				7	LOOSE	MEDIUM STIFF
- 1 m		4	17.8	••••				5	LOOSE	MEDIUM STIFF
-		4	15.4	••••				4	VERY LOOSE	SOFT
-	4 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		1	3.9	•				1	VERY LOOSE	VERY SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-	5 ft	3	11.6	•••				3	VERY LOOSE	SOFT
-		75	289.5	•••••	•••••	••••••	•••••	25+	VERY DENSE	HARD
-										
-	6 ft									
-										
- 2 m										
-	7 ft									
-										
-										
-	8 ft									
-										
-										
-	9 ft									
-										
-										
- 3 m	10 ft									
-										
-										
-										
-	11 ft									
_										
_										
_	12 ft									
_	-									
-										
- 4 m	13 ft									
	•									

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-06

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 632 W.23rd HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	E GRAPH OF CONE RESISTANCE		TANCE		TESTED CC	NSISTENCY	
DEF	PTH	PER 10 cm	Kg/cm ²	0	50	100	150	N'	NON-COHESIVE	COHESIVE
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
_		1	4.4	•				1	VERY LOOSE	VERY SOFT
_	1 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	2 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-	3 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
- 1 m		2	8.9	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-	4 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-	5 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		1	3.9	•				1	VERY LOOSE	VERY SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
-	6 ft	2	7.7	••				2	VERY LOOSE	SOFT
-		2	7.7	••				2	VERY LOOSE	SOFT
- 2 m		2	7.7	••				2	VERY LOOSE	SOFT
-	7 ft	2	6.8	•				1	VERY LOOSE	VERY SOFT
-		2	6.8	•				1	VERY LOOSE	VERY SOFT
-		2	6.8	•				1	VERY LOOSE	VERY SOFT
-	8 ft	5	17.1	••••				4	VERY LOOSE	SOFT
-		7	23.9	•••••				6	LOOSE	MEDIUM STIFF
-		6	20.5	•••••				5	LOOSE	MEDIUM STIFF
-	9 ft	7	23.9	•••••				6	LOOSE	MEDIUM STIFF
-		6	20.5	•••••				5	LOOSE	MEDIUM STIFF
-		5	17.1	••••				4	VERY LOOSE	SOFT
- 3 m	10 ft	5	17.1	••••				4	VERY LOOSE	SOFT
-		7	21.4	•••••				6	LOOSE	MEDIUM STIFF
-		7	21.4	•••••				6	LOOSE	MEDIUM STIFF
-		9	27.5	•••••	•			7	LOOSE	MEDIUM STIFF
-	11 ft	9	27.5	•••••	•			7	LOOSE	MEDIUM STIFF
-		11	33.7	•••••	•••			9	LOOSE	STIFF
-		8	24.5	•••••	•			6	LOOSE	MEDIUM STIFF
-	12 ft	11	33.7	•••••	•••			9	LOOSE	STIFF
-		8	24.5	•••••	•			6	LOOSE	MEDIUM STIFF
-		7	21.4	•••••				6	LOOSE	MEDIUM STIFF
- 4 m	13 ft	11	33.7	•••••	•••			9	LOOSE	STIFF

HOLE #: DC-06

WILDCAT DYNAMIC CONE LOG

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PROJECT: Mosquito Creek

PROJECT NUMBER:

06-043

		BLOWS	RESISTANCE	GRAPH OF CONE RESISTANCE		TESTED CO	NSISTENCY
DEI	PTH	PER 10 cm		0 50 100 150	N'	NON-COHESIVE	COHESIVE
DEI	111	9	24.9	••••••	7	LOOSE	MEDIUM STIFF
Ī		7	19.4	•••••	5	LOOSE	MEDIUM STIFF
Ī	14 ft	8	22.2	•••••	6	LOOSE	MEDIUM STIFF
Ī-	14 11		27.7	•••••	7	LOOSE	MEDIUM STIFF MEDIUM STIFF
Ī-		10		•••••			
_	15.0	8	22.2		6	LOOSE	MEDIUM STIFF
1-	15 ft	7	19.4	•••••	5	LOOSE	MEDIUM STIFF
-		7	19.4	•••••	5	LOOSE	MEDIUM STIFF
-		8	22.2	•••••	6	LOOSE	MEDIUM STIFF
l	16 ft	7	19.4	•••••	5	LOOSE	MEDIUM STIFF
- 5 m		8	22.2	•••••	6	LOOSE	MEDIUM STIFF
-		10	25.4	•••••	7	LOOSE	MEDIUM STIFF
-	17 ft	9	22.9	•••••	6	LOOSE	MEDIUM STIFF
-		9	22.9	•••••	6	LOOSE	MEDIUM STIFF
-		10	25.4	•••••	7	LOOSE	MEDIUM STIFF
-	18 ft	16	40.6	•••••	11	MEDIUM DENSE	STIFF
-		14	35.6	•••••	10	LOOSE	STIFF
-		15	38.1	•••••	10	LOOSE	STIFF
-	19 ft	15	38.1	•••••	10	LOOSE	STIFF
-							
- 6 m							
-	20 ft						
_							
_							
_	21 ft						
<u> </u>							
I_							
<u> </u> _	22 ft						
L	22 10						
L							
- 7 m	23 ft						
- / 111	23 It						
Ī							
Ī-	24.6						
_	24 ft						
-							
-	25.3						
-	25 ft						
-							
-							
-	26 ft						
- 8 m							
-							
-	27 ft						
-							
-							
-	28 ft						
_							
_							
_	29 ft						
_							
- 9 m							
''''							
			<u> </u>				

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-07

CREW: KJB, EM SURFACE ELEVATION:
PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2101 & 2103 Westview WATER ON COMPLETION:

HAMMER WEIGHT: 35

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

BLOWS RESISTANCE GRAPH OF CONE RESISTANCE						TESTED CC	NSISTENCY	
DEI	PTH	PER 10 cm	Kg/cm ²	0 50	100 150	N'	NON-COHESIVE	COHESIVE
-		2	8.9	••		2	VERY LOOSE	SOFT
-		3	13.3	•••		3	VERY LOOSE	SOFT
-	1 ft	4	17.8	••••		5	LOOSE	MEDIUM STIFF
-		3	13.3	•••		3	VERY LOOSE	SOFT
-		2	8.9	••		2	VERY LOOSE	SOFT
-	2 ft	3	13.3	•••		3	VERY LOOSE	SOFT
-		3	13.3	•••		3	VERY LOOSE	SOFT
-		4	17.8	••••		5	LOOSE	MEDIUM STIFF
-	3 ft	9	40.0	•••••		11	MEDIUM DENSE	STIFF
- 1 m		12	53.3	•••••		15	MEDIUM DENSE	STIFF
-		5	19.3	•••••		5	LOOSE	MEDIUM STIFF
-	4 ft	2	7.7	••		2	VERY LOOSE	SOFT
-		3	11.6	•••		3	VERY LOOSE	SOFT
-		8	30.9	•••••		8	LOOSE	MEDIUM STIFF
-	5 ft	8	30.9	•••••		8	LOOSE	MEDIUM STIFF
-		10	38.6	•••••		11	MEDIUM DENSE	STIFF
-		15	57.9	•••••		16	MEDIUM DENSE	VERY STIFF
-	6 ft	8	30.9	•••••		8	LOOSE	MEDIUM STIFF
-		5	19.3	••••		5	LOOSE	MEDIUM STIFF
- 2 m		6	23.2	•••••		6	LOOSE	MEDIUM STIFF
-	7 ft	5	17.1	••••		4	VERY LOOSE	SOFT
-		8	27.4	•••••		7	LOOSE	MEDIUM STIFF
-		10	34.2	•••••		9	LOOSE	STIFF
-	8 ft	4	13.7	•••		3	VERY LOOSE	SOFT
-		10	34.2	•••••		9	LOOSE	STIFF
-		33	112.9	••••••	••••••	25+	DENSE	HARD
-	9 ft	14	47.9	•••••		13	MEDIUM DENSE	STIFF
-		14	47.9	•••••		13	MEDIUM DENSE	STIFF
-	40.0	12	41.0	•••••		11	MEDIUM DENSE	STIFF
- 3 m	10 ft	28	95.8	•••••••	••••	25+	MEDIUM DENSE	VERY STIFF
-		10	30.6	•••••		8	LOOSE	MEDIUM STIFF
-		7	21.4	•••••		6	LOOSE	MEDIUM STIFF
-		65	198.9	••••••	•••••••	25+	VERY DENSE	HARD
-	11 ft							
-								
-	10.6							
-	12 ft							
[-								
- - 4 m	12 ft							
- 4 III	1311							

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-08

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2103 Westview (NW footing) HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	GRAPH OF CONE RESISTANCE			TESTED CO	NSISTENCY		
DEI	PTH	PER 10 cm	Kg/cm ²	0	50	100	150	N'	NON-COHESIVE	COHESIVE
-		4	17.8	••••				5	LOOSE	MEDIUM STIFF
-		3	13.3	•••				3	VERY LOOSE	SOFT
-	1 ft	1	4.4	•				1	VERY LOOSE	VERY SOFT
-		1	4.4	•				1	VERY LOOSE	VERY SOFT
-		3	13.3	•••				3	VERY LOOSE	SOFT
-	2 ft	3	13.3	•••				3	VERY LOOSE	SOFT
-		2	8.9	••				2	VERY LOOSE	SOFT
-		2	8.9	••				2	VERY LOOSE	SOFT
-	3 ft	3	13.3	•••				3	VERY LOOSE	SOFT
- 1 m		4	17.8	••••				5	LOOSE	MEDIUM STIFF
-		4	15.4	••••				4	VERY LOOSE	SOFT
-	4 ft	5	19.3	••••				5	LOOSE	MEDIUM STIFF
-		5	19.3	••••				5	LOOSE	MEDIUM STIFF
-		3	11.6	•••				3	VERY LOOSE	SOFT
-	5 ft	7	27.0	•••••				7	LOOSE	MEDIUM STIFF
-		8	30.9	•••••				8	LOOSE	MEDIUM STIFF
-		5	19.3	••••				5	LOOSE	MEDIUM STIFF
-	6 ft	3	11.6	•••				3	VERY LOOSE	SOFT
-		3	11.6	•••				3	VERY LOOSE	SOFT
- 2 m		5	19.3	••••				5	LOOSE	MEDIUM STIFF
-	7 ft	10	34.2	•••••				9	LOOSE	STIFF
-		12	41.0	•••••	•			11	MEDIUM DENSE	STIFF
-		1	3.4					0	VERY LOOSE	VERY SOFT
-	8 ft	1	3.4					0	VERY LOOSE	VERY SOFT
-		1	3.4					0	VERY LOOSE	VERY SOFT
-		1	3.4					0	VERY LOOSE	VERY SOFT
-	9 ft	1	3.4					0	VERY LOOSE	VERY SOFT
-		5	17.1	••••				4	VERY LOOSE	SOFT
-		70	239.4	•••••	•••••	••••••	••••	25+	VERY DENSE	HARD
- 3 m	10 ft									
-										
-										
-										
-	11 ft									
-										
-										
-	12 ft									
-										
-										
- 4 m	13 ft									

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-09

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2117 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

BLOWS RESISTANCE GRAPH OF CONE RESISTANCE TESTED CONSISTENCY N' COHESIVE **DEPTH** PER 10 cm Kg/cm² 0 50 100 150 NON-COHESIVE 2 2 8.9 •• VERY LOOSE **SOFT** 2 8.9 2 **VERY LOOSE SOFT** 2 2 **VERY LOOSE** 1 ft 8.9 **SOFT** 2 8.9 2 **VERY LOOSE SOFT** 2 2 8.9 **VERY LOOSE SOFT** 2 2 ft 8.9 2 **VERY LOOSE SOFT** 2 8.9 2 **VERY LOOSE SOFT** 2 8.9 2 **VERY LOOSE SOFT** 2 2 3 ft 8.9 **VERY LOOSE SOFT** 2 8.9 2 **VERY LOOSE SOFT** 1 m 2 2 7.7 **VERY LOOSE SOFT** 2 2 4 ft 7.7 **VERY LOOSE SOFT** 4 15.4 4 **VERY LOOSE SOFT** 15.4 4 4 **VERY LOOSE SOFT** 5 ft 1 3.9 1 **VERY LOOSE VERY SOFT** 2 7.7 2 **VERY LOOSE SOFT** 8 30.9 8 **MEDIUM STIFF LOOSE** 6 ft 26 100.4 25+ **MEDIUM DENSE VERY STIFF** 16 61.8 17 **MEDIUM DENSE VERY STIFF** 2 m 65 250.9 25 +**VERY DENSE HARD** 7 ft 8 ft 9 ft 3 m 10 ft 11 ft 12 ft 4 m 13 ft

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-10

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2069 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	GRAPH OF CON	E RESISTANCE		TESTED CC	NSISTENCY
DEF	PTH	PER 10 cm	Kg/cm ²	0 50	100 150	N'	NON-COHESIVE	COHESIVE
_		1	4.4	•		1	VERY LOOSE	VERY SOFT
_		1	4.4	•		1	VERY LOOSE	VERY SOFT
_	1 ft	1	4.4	•		1	VERY LOOSE	VERY SOFT
_		1	4.4	•		1	VERY LOOSE	VERY SOFT
_		1	4.4	•		1	VERY LOOSE	VERY SOFT
_	2 ft	1	4.4	•		1	VERY LOOSE	VERY SOFT
-		1	4.4	•		1	VERY LOOSE	VERY SOFT
_		1	4.4	•		1	VERY LOOSE	VERY SOFT
_	3 ft	2	8.9	••		2	VERY LOOSE	SOFT
- 1 m		4	17.8	••••		5	LOOSE	MEDIUM STIFF
_		3	11.6	•••		3	VERY LOOSE	SOFT
_	4 ft	3	11.6	•••		3	VERY LOOSE	SOFT
_		2	7.7	••		2	VERY LOOSE	SOFT
_		2	7.7	••		2	VERY LOOSE	SOFT
_	5 ft	1	3.9	•		1	VERY LOOSE	VERY SOFT
_		1	3.9	•		1	VERY LOOSE	VERY SOFT
_		2	7.7	••		2	VERY LOOSE	SOFT
_	6 ft	3	11.6	•••		3	VERY LOOSE	SOFT
_		3	11.6	•••		3	VERY LOOSE	SOFT
- 2 m		3	11.6	•••		3	VERY LOOSE	SOFT
_	7 ft	2	6.8	•		1	VERY LOOSE	VERY SOFT
-		4	13.7	•••		3	VERY LOOSE	SOFT
_		6	20.5	••••		5	LOOSE	MEDIUM STIFF
_	8 ft	5	17.1	••••		4	VERY LOOSE	SOFT
_		4	13.7	•••		3	VERY LOOSE	SOFT
-		4	13.7	•••		3	VERY LOOSE	SOFT
-	9 ft	4	13.7	•••		3	VERY LOOSE	SOFT
-		4	13.7	•••		3	VERY LOOSE	SOFT
-		4	13.7	•••		3	VERY LOOSE	SOFT
- 3 m	10 ft	4	13.7	•••		3	VERY LOOSE	SOFT
-		10	30.6	•••••		8	LOOSE	MEDIUM STIFF
-		15	45.9	•••••		13	MEDIUM DENSE	STIFF
-		16	49.0	•••••		13	MEDIUM DENSE	STIFF
-	11 ft	30	91.8	•••••	••••	25+	MEDIUM DENSE	VERY STIFF
-		25	76.5	•••••		21	MEDIUM DENSE	VERY STIFF
-		21	64.3	•••••		18	MEDIUM DENSE	VERY STIFF
-	12 ft	23	70.4	•••••		20	MEDIUM DENSE	VERY STIFF
-		26	79.6	•••••	•	22	MEDIUM DENSE	VERY STIFF
-		26	79.6	•••••	•	22	MEDIUM DENSE	VERY STIFF
- 4 m	13 ft							

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-11

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2059 Westview HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	GRAPH OF CO	NE RESISTANCE	,	TESTED CC	NSISTENCY
DEI	PTH	PER 10 cm	Kg/cm ²	0 50	100 150	N'	NON-COHESIVE	COHESIVE
-		1	4.4	•		1	VERY LOOSE	VERY SOFT
_		2	8.9	••		2	VERY LOOSE	SOFT
_	1 ft	2	8.9	••		2	VERY LOOSE	SOFT
_		7	31.1	•••••		8	LOOSE	MEDIUM STIFF
-		2	8.9	••		2	VERY LOOSE	SOFT
-	2 ft	1	4.4	•		1	VERY LOOSE	VERY SOFT
-		1	4.4	•		1	VERY LOOSE	VERY SOFT
-		1	4.4	•		1	VERY LOOSE	VERY SOFT
-	3 ft	1	4.4	•		1	VERY LOOSE	VERY SOFT
- 1 m		1	4.4	•		1	VERY LOOSE	VERY SOFT
-		1	3.9	•		1	VERY LOOSE	VERY SOFT
-	4 ft	1	3.9	•		1	VERY LOOSE	VERY SOFT
		1	3.9	•		1	VERY LOOSE	VERY SOFT
-		1	3.9	•		1	VERY LOOSE	VERY SOFT
-	5 ft	1	3.9	•		1	VERY LOOSE	VERY SOFT
-		1	3.9	•		1	VERY LOOSE	VERY SOFT
-		3	11.6	•••		3	VERY LOOSE	SOFT
-	6 ft	3	11.6	•••		3	VERY LOOSE	SOFT
-		4	15.4	••••		4	VERY LOOSE	SOFT
- 2 m		7	27.0	•••••		7	LOOSE	MEDIUM STIFF
-	7 ft	3	10.3	••		2	VERY LOOSE	SOFT
-		5	17.1	••••		4	VERY LOOSE	SOFT
-		5	17.1	••••		4	VERY LOOSE	SOFT
-	8 ft	5	17.1	••••		4	VERY LOOSE	SOFT
-		5	17.1	••••		4	VERY LOOSE	SOFT
-		3	10.3	••		2	VERY LOOSE	SOFT
-	9 ft	3	10.3	••		2	VERY LOOSE	SOFT
-		2	6.8	•		1	VERY LOOSE	VERY SOFT
-		3	10.3	••		2	VERY LOOSE	SOFT
- 3 m	10 ft	4	13.7	•••		3	VERY LOOSE	SOFT
-		6	18.4	••••		5	LOOSE	MEDIUM STIFF
-		5	15.3	••••		4	VERY LOOSE	SOFT
-		6	18.4	••••		5	LOOSE	MEDIUM STIFF
-	11 ft	10	30.6	•••••		8	LOOSE	MEDIUM STIFF
-		15	45.9	•••••		13	MEDIUM DENSE	STIFF
-		19	58.1	••••••		16	MEDIUM DENSE	VERY STIFF
-	12 ft	18	55.1	•••••		15	MEDIUM DENSE	STIFF
-		20	61.2	•••••		17	MEDIUM DENSE	VERY STIFF
 -		15	45.9	•••••		13	MEDIUM DENSE	STIFF
- 4 m	13 ft	16	49.0	•••••		13	MEDIUM DENSE	STIFF

HOLE #: DC-11

WILDCAT DYNAMIC CONE LOG

Page 2 of 2

PROJECT: Mosquito Creek

PROJECT NUMBER:

06-043

		BLOWS		GRAPH OF CONE RESISTANCE		TESTED CO	NSISTENCY
DEF	тн	PER 10 cm	Kg/cm ²	0 50 100 150	N'	NON-COHESIVE	COHESIVE
- DE1	111	16	44.3	••••••	12	MEDIUM DENSE	STIFF
		15	41.6	••••	11	MEDIUM DENSE	STIFF
	14 ft	22	60.9	•••••	17	MEDIUM DENSE	VERY STIFF
_	14 11	18	49.9	•••••	14	MEDIUM DENSE	STIFF
-		13	36.0		10	LOOSE	STIFF
-	1 <i>5</i> &						
-	15 ft	15	41.6		11	MEDIUM DENSE	STIFF
-		9	24.9	•••••	7	LOOSE	MEDIUM STIFF
-	1.6.6	12	33.2	•••••	9	LOOSE	STIFF
	16 ft						
- 5 m							
_	15.6						
-	17 ft						
-							
-							
-	18 ft						
-							
-							
-	19 ft						
-							
- 6 m							
-	20 ft						
-							
-							
	21 ft						
_							
_	22 ft						
=							
-							
- 7 m	23 ft						
_							
_							
_	24 ft						
_							
_							
_	25 ft						
-							
_							
_	26 ft						
- 8 m							
_							
_	27 ft						
_	2, 10						
_							
_	28 ft						
	20 It						
	29 ft						
<u> </u>	49 It						
- - 9 m							
- 9 111							
<u></u>							

#34-41050 Tantalus Rd PROJECT NUMBER: 06-043
Squamish B.C. V8B 0M6 DATE STARTED: 10-27-2006
DATE COMPLETED: 10-27-2006

HOLE #: DC-12

CREW: KJB, EM SURFACE ELEVATION:

PROJECT: Mosquito Creek WATER ON COMPLETION:

ADDRESS: 2059 Westview (on slope) HAMMER WEIGHT: 35 lbs.

LOCATION: North Vancouver, BC CONE AREA: 10 sq. cm

		BLOWS	RESISTANCE	GRAPH OF CONE RESISTANCE		TESTED CC	NSISTENCY
DEI	PTH	PER 10 cm	Kg/cm ²	0 50 100 150	N'	NON-COHESIVE	COHESIVE
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-	1 ft	1	4.4	•	1	VERY LOOSE	VERY SOFT
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-	2 ft	1	4.4	•	1	VERY LOOSE	VERY SOFT
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-		1	4.4	•	1	VERY LOOSE	VERY SOFT
-	3 ft	1	4.4	•	1	VERY LOOSE	VERY SOFT
- 1 m		3	13.3	•••	3	VERY LOOSE	SOFT
-		3	11.6	•••	3	VERY LOOSE	SOFT
-	4 ft	2	7.7	••	2	VERY LOOSE	SOFT
-		3	11.6	•••	3	VERY LOOSE	SOFT
-		4	15.4	••••	4	VERY LOOSE	SOFT
-	5 ft	2	7.7	••	2	VERY LOOSE	SOFT
-		3	11.6	•••	3	VERY LOOSE	SOFT
-		2	7.7	••	2	VERY LOOSE	SOFT
-	6 ft	5	19.3	•••••	5	LOOSE	MEDIUM STIFF
-		6	23.2	•••••	6	LOOSE	MEDIUM STIFF
- 2 m		3	11.6	•••	3	VERY LOOSE	SOFT
-	7 ft	1	3.4		0	VERY LOOSE	VERY SOFT
-		3	10.3	••	2	VERY LOOSE	SOFT
-		3	10.3	••	2	VERY LOOSE	SOFT
-	8 ft	50	171.0	•••••	25+	DENSE	HARD
-							
-							
-	9 ft						
-							
-							
- 3 m	10 ft						
-							
-							
-							
-	11 ft						
-							
-							
-	12 ft						
-							
-							
- 4 m	13 ft						

Project: Mosquito Creek		Client: City of North Vancouver Date: November 29, 20							
Logged by: EJM	Elevation: Ground	Location: Bewicke Ave. near W19	oth St.						
Contractor: Downrite	Equip: Bombardier	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test						

		1				1	7			
(m) u	Soil Description and Comments	Level	<u>e</u>	# el	<u> </u>	entatio		1		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Instrumentatio n	nsc	Moist %	P.L.	ij
0.0	SAND & GRAVEL: loose, grey, damp.				6	П				
					13					
0.6	CAND, lease reddish brown maint arrania citta gravalla				2					
0.6	SAND: loose, reddish brown, moist, organic, silty, gravelly				2					
					6					
1.0										
	-becoming denser				37					
							-			
					39	00				
1.8	Gravelly SAND: compact, grey, moist.				25	00	1			
	oration, oration party groy, motor					00	3			
2.0					27	92				
2.4	SAND: compact, grey, moist, trace of gravel.				26					
	W. L. (
	- silty layer from 2.7 to 3.0 m				15					
3.0	Silty SAND to sandy SILT: compact, brown, wet, fine grained				9					
	- some sandier lenses									
					14					
3.7		▼ 12/01/06			11					
		12/01/00								
4.0					14					
					12					
			grab	1-1	16		SM- ML			
					10	I ∦	IVIL			
					11					
5.0										
5.2	Sandy SILT: firm, grey, wet, fine grained sand.				6					
	- non-plastic									
					8					
					7					
6.0										
6.0					8					
					10					
6.7	Cities Ol AV. Garage and the	1			_					
6.7	Silty CLAY: firm, grey, wet low plastic				5					
		l								

TEST HOLE 05-1

Sheet 2

(m)		evel	_	#	2	tatio				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Instrumentatio n	nsc	Moist %	P.L.	L.L.
7.0	Silty CLAY: soft, grey, wet.		grab	1-2	5		CL			
7.0	- low plastic		grab	1-2	3		OL			
					3					
					4					
					5					
8.0										
					6					
					ľ					
					100 +					
8.8	Auger and DCPT refusal at 8.8 m depth									
	End of Test Hole									
9.0										
10.0										
11.0										
12.0										
12.0										
12.7										
13.0										
14.0	ATIONS: Diazomator 25 mm DVC Solid pipe for				<u> </u>	<u> </u>				

INSTALLATIONS: Piezometer - 25 mm PVC. Solid pipe from 0 to 4.6 m; slotted pipe from 4.6 to 6.1 m. Bentonite seal from 1.5 to 2.2 m. Flush-mount cap.

Project: Mosquito Creek		Client: City of North Vancouver	Date: November 29, 2005						
Logged by: EJM	Elevation: Ground	Location: West end of W22 nd St.							
Contractor: Downrite	Equip: Bombardier	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test						

		_								
u)		eve-	d)	# 6	2	ntatic		Г		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Instrumentatio n	Ç	ist		
De		Wa	Sa	Sa	20	Inst	nsc	Moist %	P.L	L.L.
0.0	TOPSOIL: loose, dark brown, organic.				6					
					6					
0.6	SAND: loose, reddish brown, moist, gravelly				3					
					4					
1.0										
					8					
1.5	SAND: loose to compact, brown, moist, gravelly, clean				8					
					0					
					8					
2.0					9					
					12					
					18					
3.0										
					15					
					21					
3.7	SAND: compact, brown, silty, fine grained. Trace of gravel.				23					
4.0	- 15 cm thick clean sand seam @ 4.0 m				21					
	- 15 cm thick clean sand seam @ 4.3 m				38					
	- 13 diff filok dealt said sealt @ 4.5 fil				30					
					31					
					14					
5.0										
					19					
5.5	Sandy SILT: compact, grey-brown, wet, fine grained sand.				30					
	- non-plastic		b	2.4	24					
6.0			grab	2-1	24		ML			
U.U					38					
					55					
					30					

TEST HOLE 05-2

Sheet 2

Depth (m)		Water Level	o)	# 6	DCPT (N)	Instrumentatio n		Т		
pth	Soil Description and Comments23	ter L	Sample Type	Sample #	PT	nme	O	st		
De		Wai	Sar	Sar	DC	Instr	nsc	Moist %	P.L.	L.L.
7.0	Sandy SILT: compact, grey-brown, wet, fine grained sand.				30					
	- non-plastic									
					23					
	- finer grained with depth				12					
	and grande that depth									
0.0	- turns grey @ 7.9 m				15					
8.0										
					16					
			grab	2-2	15		ML			
					18					
9.0	allo OLAV fam. and				14					
9.1	silty CLAY: firm, grey, wet low plastic				14					
					10					
					11					
10.0	- fine sandy seam									
10.0	- line Sandy Seam				10					
					15					
					18					
11.0					9					
			grab	2-3			CL			
					8					
					10					
12.0					11					
					11					
					12					
					11					
13.0					12					
					13					
					100					
					100 +					
13.9	Auger and DCPT refusal at 13.9 m depth									
13.8	END OF TEST HOLE									

INSTALLATIONS: No piezometer.

Project: Mosquito Creek		Client: City of North Vancouver Date: November 29, 2							
Logged by: EJM	Elevation: Ground	Location: West end of alley between	en W22 nd St. & W23rd St.						
Contractor: Downrite	Equip: Bombardier	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test						

		1	1		1	1					
(m)		evel	Φ	# 9	<u> </u>	ntatio	•				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Instrumentatio	L L	nsc	Moist %	P.L.	l i
0.0	SAND & GRAVEL(FILL): loose, grey, damp.				13	Т					
	, , , , , , , , , , , , , , , , , , , ,										
					9						
0.6	SAND & GRAVEL: loose, dark brown, moist, some silt				5						
					6						
1.0						0					
1.2	SAND: compact, light brown, damp, some gravel, medium grain.				45	0					
1.2	- decreasing gravel content with depth				40	0					
					40						
	- cobble or small boulder				19	Ħ					
					20						
2.0											
					25						
2.4	Silty fine SAND to sandy SILT: compact, grey-brown, moist.				19						
					24						
3.0					21						
					13						
					12						
4.0	- becomes wet, grey, and loose				18						
	- mostly SILT		grab	3-1				ML			
	•				11						
					9						
					9						
5.0											
5.2	- Sandier seam				17						
					31	\mathbf{H}					
5.8	Very fine sandy SILT: compact, grey, wet.	1			23						
	- non-plastic										
6.0		▼ 14/01/06	1		42						
					-						
					39						
6.7					24						
0.7											
						Щ	\sqcup				

TEST HOLE 05-3

Sheet 2

(m)		evel	6	# 6	ĵ.	ıtatio				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Instrumentation	nsc	Moist %	P.L.	l'i-
7.0	Very fine sandy SILT: compact, grey, wet non-plastic				14					
					20					
					13					
9.0					11					
8.0					16					
					10					
					13					
8.8			grab	3-2	15		ML			
9.0										
	- becoming finer grained and loose/firm.				10					
					10					
					8					
10.0										
10.1	Clayey SILT to silty CLAY: firm, grey, wet low plastic				11					
	- some thin sandy seams				20					
					40					
					13					
11.0					8					
					11					
					''					
					13					
					13					
12.0										
			grab	3-3	14		CL			
					19					
12.7										
					27					
13.0					44					
13.3	Auger and DCPT refusal at 13.3 m depth				100					
	S				+					
14.0	ATIONS: Diagramator OF man DVC. Solid nine for									

INSTALLATIONS: Piezometer - 25 mm PVC. Solid pipe from 0 to 9.1 m; slotted pipe from 9.1 to 10.7 m. Bentonite seals from 0.9 to 1.5 m and from 5.5 to 6.4 m. Flush-mount cap.

Project: Mosquito Creek	•	Client: City of North Vancouver Date: October 19, 200							
Logged by: KB	Elevation: Ground	Location: 1845 Bewicke; NW corn	er						
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test						

	·									
(m)		-evel	Ф	# O	<u> </u>	Pen				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L.L.
0.0	TOPSOIL / FILL - Silty (dark brown); roots and rootlets, trace sand, soft, moist									
0.3	Possible NATIVE – SAND (tan); trace gravel, occasional cobble, loose, damp				3					
					1					
				S-1	8			4.6		
1.0					8					
	- becoming compact				21					
					16					
2.0					14					
2.25	SAND (grey); fine to medium grain, trace subangular gravel, loose to compact, damp				14					
	- Finer grained with depth				10					
				S-2	9			5.4		
3.0										
					15					
	- Trace to some silt by 3.6 m			S-3	19			27.7		
4.0					15					
4.1	SAND (grey - tan); fine grain, compact, wet				26					
					26					
4.7	SAND (grey); medium to coarse grain, trace silt, compact, wet			S-4	15			26.1		
5.0					17					
	- Oxidized at 5.4 m				12					
5.7	SAND (grey); fine grain, trace silt, compact, wet			S-5	19			24.5		
				3-3	13			24.5		
6.0	End of Auger Hole AH-01 at 6.0 m No standing water observed while auger hole remained open.									

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 19, 2006				
Logged by: KB	Elevation: Ground	Location: West end of ROW North of 1821 Bewicke					
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test				

(m)		evel	0	# 6	(Z)	Pen				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines %	Moist %	P.L.	ij
0.0	TOPSOIL / FILL - Silt (dark brown); roots and rootlets, trace sand, soft, moist									
	,				12					
0.45	FILL - SAND (grey); some silt, trace gravel, loose, moist				2					
				S-1	1			9.7		
1.0					1					
					1					
1.8	Possible Native – TOPSOIL/ ORGANICS (dark brown); rootlets, soft, moist				3					
2.0	SAND (tan- brown); trace silt, trace gravel, loose to compact, damp	_			9					
					8					
					10					
				S-2	17			16.0		
3.0										
					17					
3.4	SAND (grey); fine grain, trace silt, compact, moist				21					
					28					
4.0	- Becomes moist at 4.0 m - Siltier with depth				20					
	Citati Mar dapar			S-3	24			26.5		
					21					
4.8	Silty SAND (grey); loose to compact, wet			S-4	20			27.5		
5.0					20					
					16					
					10					
0.0	Ford August Holo OC CO at C.O. as				8					
6.0	End Auger Hole 06-02 at 6.0 m No standing groundwater observed while auger hole remained open									
			1							
			1							
<u> </u>			1		ı	ı				

Project: Mosquito Creek		Client: City of North Vancouver Date: October 19, 20						
Logged by: KB	Elevation: Ground	Location: 710 Bewicke; W. side of residence						
Contractor: Mud Bay	Equip: Track MT5 Method: Solid Stem Auger / Dynamic Cone Penetr							

			1 1		1	1	i			
(E)		evel	o)	#	<u> </u>	Pen		Г		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L.L.
			07 [0)		ш 🖰	шо	2 0	ш.	
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist									
0.1	Native – SAND (tan); coarse to medium grain, trace gravel, loose to compact,				_					
	moist				Р					
					12					
				S-1	16			7.5		
1.0					17					
					17					
					10	1				
					44					
					11					
2.0					10					
				0.0	40			0.4		
				S-2	12			6.1		
					14					
	- Alternating layers of fine sand and medium grain sand									
3.0					17					
3.0										
					21					
					40					
					18					
	- Oxidation at 4.2 m				18					
				S-3				21.2		
4.0										
					17					
					18					
					22					
					~~					
						1				
5.0		1			18					
5.1	SILT (tan); trace to some fine grain sand, compact, moist to wet									
					17					
				S-4	l ''			27.4		
					16					
					17					
6.0	SILT (grey); trace to some fine grain sand, loose/firm, moist to wet	1				1				
					7					
					10					
						1				
				S-5	9	1		37.1		
L		1	l		L	l		l		

TEST HOLE 06-03

Sheet 2

(m)		evel		#	î	₂ en				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L.L.
7.0 8.0 9.0 10.0 11.0	SILT (grey); trace fine grain sand, firm, wet End of Auger Hole 06-03 at 10.5 m. No standing water observed while auger hole remained open.			S-6	11 9 8 7 9 13 11 12 9 13 12	1.0		24.6		

Project: Mosquito Creek		Client: City of North Vancouver Date: October 19, 2006						
Logged by: KB	Elevation: Ground	Location: 710 Bewicke; S. side of residence						
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dynamic Cone Penetration						

			1				Ī			
(m)		evel	0	# 6	2	Pen		1		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	-ines	Moist %	٦.L.	l i
0.0	TOPOOU Cond (darkbrown)	_								\sqsubseteq
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist Possible Native - SAND (rust brown); coarse to medium grain, some gravel,									
0.1	loose, moist				Р					
	15555, 111515.				-					
					4					
					3					
0.9	SAND (tan); coarse grain, trace gravel, very loose, damp									
1.0				S-1				4.8		
	Financesia with death				2					
	- Finer grain with depth									
					2					
					3					
					3					
2.0				S-2	2			5.0		
					1					
					1					
					l '					
					1					
3.0										
					1					
3.6	SAND (grey); medium grain, compact, moist			S-3	1			6.3		
0.0	(grey), medium gram, compact, moist							0.0		
					12					
4.0										
4.0					21					
					27					
					29					
5.0	- Wet at 5.1 m		1		30	1		1		
0.0		1			55					
	SILT (grey); some fine sand, compact, wet			S-4	27	1		24.3		
					25					
		l			25					
6.0		İ								
			1			1		1		
				٠.		1		24.5		
}				S-5		1		31.5		
		1	1			1		<u> </u>		

TEST HOLE 06-04

Sheet 2

(m)		evel		#	î	₂ en				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L.L.
7.0										
7.5	End of Auger Hole 06-04 at 7.5 m									
8.0										
9.0										
10.0										
11.0										
12.0										
13.0										
14.0										

Project: Mosquito Creek		Client: City of North Vancouver Date: October 19, 2006						
Logged by: KB	Elevation: Ground	Location: 710 Bewicke; South of residence						
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dynamic Cone Penetration						

,										
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L'.
		_	0, L	0,]	<u> </u>	1	_ 6`		1
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist									
					_					
0.3	FILL CAND (hypers), trace group types silt restlets year lesses to lesse down	-			Р					
0.5	FILL - SAND (brown); trace gravel, trace silt, rootlets, very loose to loose, damp									
					Р					
	- Occasional cobble, color mixed; dark and lighter brown									
					_					
				S-1	Р			17.6		
1.0										
					2					
					_					
					2					
					2					
					_					
2.0					6					
				S-2	3			9.4		
					1					
					1					
3.0										
					_					
					3					
					8					
					_					
				S-3	5			10.3		
4.0										
					5					
					8					
					10					
4.8	ORGANIC SILT (dark brown); trace woody debris, soft, moist.			٠.				05 -		
5.0	Possibly original topsoil.			S-4 S-5	12			39.5 49.1		
3.0	SAND (brown); trace gravel, trace silt, loose to compact, moist.			J-3	12			45.1		
		_			2					
5.4	SAND (tan-grey); trace to some silt, loose, wet									
					5					
					3					
5.9	SILT (grey); trace fine grain sand, firm, moist				10					
6.0										
					10					
					10					
				S-6	8			26.5		
					F					
					5					

TEST HOLE 06-05

Sheet 2

Depth (m)	Soil Description and Comments	- Fe		#	7					
Dept	'		용	ole	1) T	et Pe				
		Water Level	Sample Type	Sample#	DCPT (N)	Pocket Pen (kg/cm²)	Fines %	Moist %	P.L	i i
7.0			07 [0)		ш 😊	ш о	2 %		_
-hecom	ning stiff with depth				7					
***************************************	ing sin war depar				14					
					13					
8.0					9					
					10					
					10					
				S-7	7			24.9		
9.0					8					
					9					
					9					
9.6 SILT (g	grey); trace to some clay, firm, moist			S-8	8			32.3		
10.0				3-0	0			32.3		
10.2 SILT (g	grey); trace clay, trace sand and angular gravel, firm, moist				8					
- Possil	ble weathered Till			S-9	9			28.5		
)natananinaninanina					11					
11.0					10					
					8					
				S-10	9			28.9		
12.0 End of a	Auger Hole 06-05 at 12.0 m			3-10	21			20.9		
No star	nding water observed while auger hole remained open.				+50					
13.0										
14.0										

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 20, 2006				
Logged by: KB	Elevation: Ground	Location: 1815 Bewicke; center of rear yard of residence					
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test				

(m)		evel	(I)	#	(Z)	Pen		T	T	
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	l i
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist									
0.1	FILL – SILT (brown); trace to some sand, trace gravel, loose/firm, moist									1
	TILL - OILT (DIOWIT), trace to some saird, trace graver, 10036/11111, 1110131				1					i l
										i l
										i l
	- Wood / Concrete / Glass Debris				7					i l
										1
										1
				S-1	9			29.4		1
										1
1.0					10					1
					10					1
										1
					8					i I
										i I
										i I
					5					i I
		1				1				i I
2.0					3					ł
2.0					3					1
										ł
					5					ł
				S-2				37.5		ł
										ł
					2					ł
										ł
					1					ł
3.0					·					ł
										l
					8					ł
										ł
2.5	Describe MATN/F CAMP (for most become) force and force of the				5					ł
3.5	Possible NATIVE – SAND (tan-rust brown); trace gravel, trace silt, loose, moist				э					ł
	moist									ł
				S-3	4			18.8		ł
										ł
4.0										ł
					6					ł
										ł
					6					ł
					-					i I
										i l
		4			4					i l
4.8	SAND (tan); medium grain, trace to some silt, trace gravel, loose, moist									i l
5.0				S-4	2			27		i l
ა.υ				3-4				21		i l
	- finer grain with depth									i l
		_			9					i l
5.4	SILT (grey); trace fine grain sand, firm to stiff, wet									i I
										i I
				S-5	16			32.9		i I
		1		J-0		1		32.9		i I
		1			15	1				i I
6.0	End of Auger Hole 06-06 at 6.0 m	1				1				i I
	No standing water observed while auger hole remained open	1				1				i I
										i I
										i I
										i I
										i I
		1				1				i I
		1				1				i I

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 20, 2006					
Logged by: KB	Elevation: Ground	Location: 1815 Bewicke; N. side of residence						
Contractor: Mud Bay	Equip: Track MT5	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

			1		I		1			
(E)		-evel	Φ	# 0	ĝ	Pen		I		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L.L.
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist		971		_				_	
0.2	SAND (tan); trace gravel, trace silt, occasional cobble, loose to									
	compact, moist									
				S-1				10.7		
				5-1				10.7		
1.0										
1.0										
2.0	SAND (tan-grey); medium grain, compact, wet									
2.6	SAND (grey); fine grain, compact, moist			0.0				40.7		
				S-2				10.7		
2.0	Find of Assess Upla OC O7 of 2.0 mg									
3.0	End of Auger Hole 06-07 at 3.0 m No standing water observed while auger hole remained open									
4.0										
5.0										
6.0										
			<u> </u>		<u> </u>	L			l	

Project: Mosquito Creek	•	Client: City of North Vancouver	Date: October 23, 2006					
Logged by: KB	Elevation: Ground	Location: 626 W. 19 th ; rear yard, near crest						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

(m)	Cail Depariation and Community	Level	le	# ə	(Z)	Pen)				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist									
0.2	SAND (rust -tan); trace silt, trace roots & rootlets, loose, moist				3					
	- possible FILL									
				S-1	3			4.9		
	- Coarser grain with depth, becomes tan colored by 0.9 m				11					
1.0										
1.0					23					
1.5	SAND (tan); trace to some gravel, trace silt, dense, moist				35					
					35					
				S-2				4.6		
2.0 2.1	Auger refusal at 2.1 m				45					
	No standing water observed while auger hole remained open.				40					
					40					
	Possible tree root encountered by DCPT from 1.2 to 2.3 m				9					
3.0					9					
					7					
					7					
					3					
4.0					16					
					72					
5.0										
6.0										
0.0										
			ı			1				

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 23, 2006
Logged by: KB	Elevation: Ground	Location: 626 W19 th ; 14 m S & 5 m	W of SW corner of house
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test

(m)		svel		#	2	en				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L'L
0.0	TOPSOIL - Sand (dark brown); roots and rootlets, trace silt soft, moist									
0.1	FILL – Silty SAND (brown); some gravel and cobbles and debris, compact, moist									
	- concrete / brick / angular cobbles									
				0.4				440		
				S-1				14.0		
1.0										
1.5	Possible Native – SAND (tan); medium to coarse grain, trace gravel, trace silt,									
	compact, moist									
	Financia with doubt									
1.9	- Finer grain with depth Silty SAND (tan); compact, moist									
2.0	Sitty SAND (tarr), compact, moist			S-2				19.1		
				0.2						
	- becomes grey color with depth									
3.0										
3.0				S-3				17.6		
3.6	SILT (grey); trace angular gravel, trace sand, stiff, moist			S-4				27.5		
0.0	- Possible weathered Till			0 1				27.0		
3.9	Auger refusal at 3.9 m									
4.0	No standing water observed while auger hole remained open.									
	No standing water observed writte auger note remained open.									
ļ										
5.0										
ļ										
ļ										
6.0										
ļ										
			•		•	•				

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 23, 2006						
Logged by: KB	Elevation: Ground	Location: 1931 Westview; NW corner, rear yard							
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test						

(E)		-evel	(D)	#	<u>Z</u>	Pen		.		
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L'L.
0.0	FILL / TOPSOIL - Silty SAND (dark brown); roots and rootlets, soft, moist									
				S-1	2			39.7		
				3-1				35.7		
					4					
0.6	Possible Native – SAND (tan-rust); trace silt, trace gravel, loose, moist				-					
	- Finer grain with depth				4					
	- Finer grain with depth				4					
1.0 1.1	SILT (grey); some fine grain sand, very stiff / dense, moist	-			3					
1.1	SIL1 (grey); some line grain sand, very still / dense, moist			S-2	3			26.3		
					07					
					27					
					43					
					43					
2.0				S-3	26			29.1		
2.1	End auger hole 06-10 at 2.1 m	1		3-3	20			25.1		
	No standing water observed while auger hole remained open				30					
					30					
					38					
					30					
					52					
3.0					32					
4.0										
5.0										
6.0										

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 23, 2006					
Logged by: KB	Elevation: Ground	Location: W end of ROW on Westview, at W 20 th St.						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

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Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Se	st		
Dep		Wat	San Typ	San	DC	Pocl (kg/c	Fines %	Moist %	P.L.	L'L
0.0	TOPSOIL - Silty SAND (dark brown); roots and rootlets, soft, moist		-							
0.0	Native – SAND (tan); some gravel, trace cobbles, trace silt, loose, moist									
					4					
	- finer grain and less gravel with depth									
					3					
					3					
					2					
1.0										
					13					
1.2	SAND (tan-grey); fine grain, some silt to silty, compact, moist			S-1				14.5		
					33					
					33					
	haramaa gusu aalarad hu 4.0 m				18					
	- becomes grey colored by 1.8 m									
2.0				S-2	15			17.0		
	00.7 (c.)									
2.2	SILT (tan); trace fine grain sand, stiff, moist				19					
	- intermittent layers of firm to soft				19					
	- becomes grey colored by 2.7 m									
					18					
					14					
3.0										
				S-3	5			24.0		
					_					
	- trace clay with depth			S-4	7			23.6		
					9					
4.0										
4.0					4					
					10					
					10					
					11					
5.0					4					
				S-5				32.3		
					5					
					_					
5.5	Clayey SILT (grey); firm, moist to wet									
					6					
0.0	Find ourseshale 00 44 at 4.5 m			S-6	5			34.1		
6.0	End auger hole 06-11 at 4.5 m No standing water observed while auger hole remained open									
					6					
	7.2 m / N = 24									
	7.5 m / N = 80				7					
					′					
					7					
		1								

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 24, 2006					
Logged by: KB	Elevation: Ground	Location: 1957 Westview; rear yard.						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dynamic Cone Penetration Test						

		I	ı			I	1			
(m)		evel	o)	# 6	<u>Z</u>	Pen				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	 -
0.0	TORSOIL Silty SAND (dark brown); roots and rootlets act maint									
0.0	TOPSOIL - Silty SAND (dark brown); roots and rootlets, soft, moist FILL - SILT (dark brown); some sand, roots and rootlets, soft, moist									
					2					
				S-1				8.1		
					4					
0.8	Possible NATIVE – SAND (tan); medium grain, trace gravel, occasional cobble,	1			10					
	loose to compact, moist									
1.0	- coarser grain with depth				15					
					11					
1.5	Silty SAND (tan-grey); compact, moist	1			11					
				S-2				24.2		
					12					
2.0				S-3	26			24.0		
				5-3				24.0		
					17					
					18					
					28					
3.0										
					38					
					00					
					17					
					17					
					40					
3.9	SILT (grey); trace fine sand, stiff / compact, moist	1			13					
4.0	(gy),									
4.2	Auger refusal at 4.2 m	1			14					
7.2	Auger retusar at 4.2 m									
	No standing water observed while auger hole remained open.				8					
					7					
5.0					11					
					13					
					8					
					8					
6.0										
					7					
					′					
					8					
	7.2 m / N = 10									
	7.5 m / N = 15 7.8 m / N = 16				9					
7.0	8.1 m / N = 85 (End of DCPT)									

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 24, 2006					
Logged by: KB	Elevation: Ground	Location: 1945 Westview; rear yard, west of sewer main						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dynamic Cone Penetra						

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(m)		evel	0	# 6	(Z	Pen			•	
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	نِـ	نـ
		>	ΩÉ	Ŝ	Ω	₽ ₹	iF %	⊠ %	۵	-
0.0	TOPSOIL - Silty SAND (dark brown); roots and rootlets, soft, moist									
	Native – SAND (rust brown); trace silt, trace gravel, loose, moist			S-1	1			17.3		
					2					
1.6	SAND (tan); medium grain, some silt, loose, moist			S-2				18.1		
	- finer grain with depth			3-2	1			10.1		
1.0										
1.2	OUT (top) come for a print and a second social	_			4					
1.2	SILT (tan); some fine grain sand, compact, moist									
	- becomes grey colored by 2.7 m			S-3	17			26.0		
	- becomes grey colored by 2.7 III			0-3				20.0		
					34					
2.0					20					
2.0					20					
					17					
					16					
					12					
3.0				S-4				30.9		
					11					
					22					
					40					
3.9	SILT (grey); trace clay, trace angular gravel, soft to firm, wet	1			13					
4.0				S-5	5			32.4		
				3-3	3			32.4		
					3					
4.5	End auger hole 06-13 at 4.5 m									
	No standing water observed while auger hole remained open.				5					
5.0					76					
6.0										

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 24, 2006					
Logged by: KB	Elevation: Ground	Location: 2041 Westview; rear yard, near slope crest						
Contractor: Mud Bay	actor: Mud Bay							

		_								
Depth (m)		Water Level	Ф	# 9	DCPT (N)	Pocket Pen (kg/cm²)				
pth	Soil Description and Comments	ter l	Sample Type	Sample #	Τď	sket cm²)	es	ist		.
De		Wa	Sal	Saı	DC	Poc (kg/	Fines	Moist %	P.L	
0.0	TOPSOIL - Silty SAND (dark brown); roots and rootlets, soft, moist									
0.1	FILL – SAND (rust-tan); trace silt, trace gravel, loose, moist			S-1	1			28.5		
0.3	NATIVE - SILT (dark brown); trace to some organics, soft, moist				2					
0.55	SILT (tan); some sand to sandy, loose, moist to wet				2					
0.55	SILT (tan), Some Sand to Sandy, loose, moist to wet				1					
1.0					2					
					-					
	- finer grain with depth			S-2	5			31.4		
					5					
2.0 2.1	SAND (tan-mottled grey); some silt, compact to dense, moist				8					
				S-3	35			24.5		
2.4	Auger refusal at 2.4 m									
	No standing water observed while auger hole remained open.				40					
					33					
3.0										
					26					
					17					
					13					
4.0					16					
					13					
					7					
5.0					8					
					6					
					8					
					8					
6.0										
					9					
	7.2 m / N = 26				11					
	7.5 m / N = 50 for 150 mm penetration									
					20					
<u> </u>		l	<u> </u>			1				

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 24, 2006					
Logged by: KB	Elevation: Ground	Location: 2049 Westview; rear patio, top of retaining wall						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

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Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Se	st		
Dep		Wat	San	San	DC	Pocl (kg/c	Fines %	Moist %	P.L.	L.L.
0.0	FILL - 19 mm minus crushed GRAVEL (grey);									
0.2	FILL - Silty SAND (dark brown); trace gravel, very loose, moist				1					
				S-1				12.5		
0.50	SAND (tan); medium grain, some silt, trace gravel, very loose, moist				1					
					1					
1.0										
					1					
					2					
					1					
2.0	- finer grain with depth				2					
					2					
				S-2	3			24.9		
3.0					3					
					5					
3.3	Sandy SILT (tan-mottled grey); fine grain, loose, moist									
				S-3	5			32.4		
					3					
4.0										
					4					
					15					
4.5	End auger hole 06-15 at 4.5 m No standing water observed while auger hole remained open									
					38					
5.0					50					
6.0										
]							

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 25, 2006					
Logged by: KB	Elevation: Ground	Location:625 W. 23 rd St., crest of failure, rear yard						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

Depth (m)	Soil Description and Comments	Level	ele	# əle	(Z)	t Pen				
	Con Bescription and Comments	Water Level	Sample Type		DCPT (N)	Pocket Pen (kg/cm²)	Fines %		P.L.	L'.
0.0	TOPSOIL - SILT (dark brown); some sand, soft, moist			S-1				12.3		
0.2	SAND (rust-tan); medium grain, trace gravel, loose to very loose, moist				1					
				S-2	1			9.0		
1.0	- becomes tan colored at 0.75 m - finer grain with depth				2					
					8 5					
1.8	SAND (tan); fine grain, some silt, very loose to loose, moist to wet	-			4					
2.0	CARD (daily, line grain, soline on, very research recess, most to wet			S-3	3			34.2		
					1					
	- becoming compact				6 16					
3.0	- becoming compact				12					
					15					
3.9 4.0	SAND (grey); medium grain, trace silt, compact, wet	-		S-4	12			35.2		
4.1	SILT (grey); trace fine grain sand, compact / stiff, moist to wet			S-5	13			31.9		
					10					
5.0	CAND (top), tipe are in a gree oils appropriate dance are int				11					
5.1	SAND (tan); fine grain, some silt, compact to dense, moist			S-6	18			22.4		
					29					
6.0	End auger hole 06-16 at 6.0 m No standing water observed while auger hole remained open	-			34					
					27 26					
					75					
		<u> </u>	<u> </u>							

Project: Mosquito Creek		Client: City of North Vancouver Date: October 25, 20						
Logged by: KB	Elevation: Ground	Location:625 W. 23 rd St., SW corner of patio slab						
Contractor: Mud Bay	Equip: Hand Auger	Method: Solid Stem Auger						

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(m)		evel	0	# 6	2	Pen				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	ines	Moist %	ŀ.	
		>	ഗ ⊢	S		υš	<u>Ч</u>	% V	Д	
0.0	TOPSOIL (dark brown); silty, some sand, soft, moist									
0.45	TOPSOIL (dark brown); mixed with SAND									
0.75	SAND (tan); trace silt, trace gravel, occasional cobble, moist									
1.0	- finer grain with depth									
	- more compact with depth									
1.5	End auger hole 06-17 at 1.5 m									
2.0										
2.0										
3.0										
4.0										
5.0										
6.0										
0.0										
		<u></u>				<u> </u>				
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Project: Mosquito Creek		Client: City of North Vancouver	Date: October 25, 2006					
Logged by: KB	Elevation: Ground	Location:622 W22 nd St., West side of house at slope crest						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

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(m)		evel-	o)	#	<u>Z</u>	Pen				T 1
Depth (m)	Soil Description and Comments	Water L	Water Level Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	L'L
0.0	FILL - SAND (rust-tan); medium grain, trace gravel, very loose, moist									
				S-1	1			12.0		
					1					
					'					
0.75	ORGANICS (dark brown); trace sand, soft, moist			S-2	1			15.3		
0.9 1.0	SAND (tan); medium grain, very loose, moist			5-2	4			15.3		
1.2	SILT (tan); some sand to sandy, trace gravel, loose to compact, moist				1					
				S-3	1			23.0		
					2					
					2					
2.0					11					
					15					
					17					
2.7	City CAND (sp) mothed fine grain compact maint				17					
2.1	Silty SAND (tan); mottled, fine grain, compact, moist				18					
3.0					40					
				S-4	18			25.0		
					15					
					40					
					16					
3.9 4.0	End of auger hole 06-18 at 3.9 m No standing water observed while auger hole remained open				18					
					11					
					6					
5.0					16					
					31					
					13					
					24					
6.0										
					13					
					13					
					10					
7.0					12					
		-			12					

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				12				
				12				
8.0								
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9.0				8				
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				14				
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11.0				17				
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				23				
 								
	F (DODT +40.0			400				
	End of DCPT at 12.0 m			100				
				+				
12.0								

Project: Mosquito Creek		Client: City of North Vancouver	Date: October 25, 2006					
Logged by: KB Elevation: Ground		Location: 2121 Westview, rear yard 13 m west of house						
Contractor: Mud Bay	Equip: Porta-Auger	Method: Solid Stem Auger / Dyna	amic Cone Penetration Test					

				•		•				
(m)		evel	(I)	# 6	(Z	Pen				
Depth (m)	Soil Description and Comments	Water Level	Sample Type	Sample #	DCPT (N)	Pocket Pen (kg/cm²)	Fines	Moist %	P.L.	نـ
0.0	TORON OUT (I I I I I I I I I I I I I I I I I I I	_		-						
0.0 0.1	TOPSOIL – SILT (dark brown); roots and rootlets, soft, moist FILL – Silty SAND (brown); trace gravel, very loose, moist	4								
0.1	TILE - Only OAND (blown), trace graver, very loose, moist			S-1	1			26.2		
0.45	SAND (brown-tan); some silt, trace gravel and cobbles, loose, moist	1			2					
	Countries of the countr				_					
				S-2	5			22.4		
					3					
1.0	CAND (c.)	1			_					
1.05	SAND (tan); medium grain, trace gravel, loose to very loose, moist.				5					
					4					
					2					
2.0	0076	1			2					
2.1	SILT (tan); trace fine grain sand, compact / stiff, moist									
				S-3	10			28.6		
					20					
	- becomes grey colored by 2.6 m									
					20					
3.0										
					20					
				S-4	29			26.3		
					-					
					27					
	End of auger hole 06-18 at 3.9 m									
4.0	No standing water observed while auger hole remained open				11					
					11					
					6					
					44					
					11					
					4-					
5.0					10					
										1
					11					
					20					
0.0					19					
6.0										1
					60					
										1
										İ