

**SITE OBSERVATION FORM:** DNV Landslide Risk Assessment  
**LOCATION:** 2377 Berkley Avenue  
**INSPECTION DATE:** (mm/dd/yy) 11/10/05  
**WEATHER:** Raining, heavy rain for several days prior to visit.



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500 - 1045 Howe Street  
 Vancouver, BC  
 Canada V6Z 2A9

THICKNESS OF LOOSE MATERIALS	<1 m	1-2 m	2-3 m	>3 m
CREST LINE		<input checked="" type="checkbox"/>		
10 m DOWNSLOPE FROM SLOPE CREST			<input checked="" type="checkbox"/>	

<b>SLOPE BELOW FENCE/ RETAINING STRUCTURE</b>	SLOPE = 43° upper 15m of slope, 36° below 15m		
	CRACKS	SLIDES	EROSION
		<input checked="" type="checkbox"/>	
<b>OBSERVATIONS:</b> North side of the slope is adjacent to site of 1999 slide. Gully at south side of slope appears to be an 8 m wide, old scarp.			

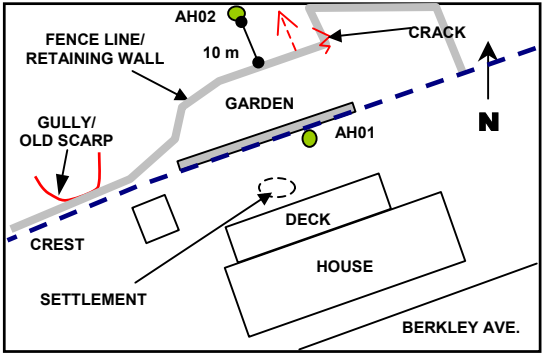
TREES BELOW FENCE/ RETAINING STRUCTURE	STRAIGHT	PISTOL-BUTT	LEANING
PERCENT CONIFER: 50%	<input checked="" type="checkbox"/>		
<b>OBSERVATIONS:</b> North side of slope is dominated by deciduous trees and shrubs. Some large coniferous fallen trees observed. South side of slope is dominated by coniferous trees.			

RETAINING STRUCTURES	YES <input checked="" type="checkbox"/>	NO	HEIGHT= 1.6 m
TYPE	BLOCKS	CONCRETE	TIMBER CRIB
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DEFORMATION	UNDEFORMED	CRACKED	SETTLED
		<input checked="" type="checkbox"/>	BULGING
<b>OBSERVATIONS:</b> 8" crack in concrete block wall retaining garden and approx. 1/2 the yard. Wall is tilted down slope..			

DEFORMATION IN BACKYARD	YES <input checked="" type="checkbox"/>	NO
LOCATION: Backyard garden at crest.		
DESCRIPTION: Minor circular settlement on lawn near deck. Garden retaining wall is cracks and displaced, causing some settlement in garden.		

POOLS	YES	NO <input checked="" type="checkbox"/>
DESCRIPTION: None observed.		

SEEPAGE/ SPRINGS IN OR BELOW FILL	YES <input checked="" type="checkbox"/>	NO
OBSERVATIONS: Considerable seepage observed 9 m down slope from garden retaining wall on north side of slope. No drainage pipe observed however seepage may be coming from an old drainage pipe.		



**HOUSE DISTANCE TO CREST = 8 m**

RECEIVES SURFACE RUNOFF FROM	BACKYARD	1/2 ROOF	FULL ROOF	FRONT YARD	STREET
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>OBSERVATIONS:</b>					

CONNECTED TO STORM SEWER	YES	NO <input checked="" type="checkbox"/>	UNSURE
OWNERS COMMENTS: DNV reports that this property is not connected to storm sewer.			

- GENERAL OBSERVATIONS**
- Site of January 1999 slide at adjacent property to the north. (2391 Berkley)
  - Small 0.6 m block retaining wall between crest and garden.
  - House distance to crest is 8 m and house to edge of retaining wall ranges from 9.5 m to 19 m.



Figure 1. 2377 Berkley Avenue – Front of the house



Figure 2. 2377 Berkley Avenue – View of backyard



Figure 3. 2377 Berkley Avenue – View looking south along crest



Figure 4. 2377 Berkley Avenue – Concrete retaining wall

# INSPECTION LOCATION # 2377 Berkley

**Project :** DNV Landslide Risk Assessment

**Project No. :** 0404-002-01

**Location :** 2377 Berkley  
**Drill Method :** Dutch Hand Auger  
**Inspection Date :** 10 Nov 05  
**Logged by :** SF/JB  
**Reviewed by :** MJP

Depth (m)	Lithologic Description	Depth To Water Table	Depth (m)	Lithologic Description	Depth To Water Table
	<p><b>AUGERHOLE:</b> BGC05-2377BER-AH01 on Slope Crest  <b>FINAL DEPTH OF AUGERHOLE:</b> 1.15 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 1.15 m minimum</p>			<p><b>AUGERHOLE:</b> BGC05-2377BER-AH02 10 m Downslope  <b>FINAL DEPTH OF AUGERHOLE:</b> 2.40 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 2.35 m</p>	
0.0	SILT (ML) Organic, non plastic, very loose, dark brown, moist, homogeneous [TOPSOIL]		0.0	SILT (ML) Gravel sized angular glaciomarine silt clasts, non plastic, soft / loose, light grey, wet, homogeneous [FILL]	
0.5	SILT (ML) Gravelly, fine to coarse gravel, fine to coarse sand, trace clay, non plastic, soft, dark brown to brown, moist, homogeneous, trace organics [FILL]		0.5	0.40 m: Wood organics  SILT (ML) Trace fine to medium sand, trace rounded fine gravel, non plastic, firm to stiff, light grey with orange brown mottling, trace organics [FILL]	
1.0			1.0	0.90 m: Dark brown lense of organics, some sand. Some fine gravel and decomposed organics, becomes red brown to dark brown. SILT (ML) Some fine to medium gravel, trace fine to coarse sand, gravel sized clasts of silt, non plastic, soft, red-orange brown, trace dark brown organics, wet, homogeneous, charcoal, roots [FILL]	
1.5	1.15 m: EOH - Refusal of auger on gravel.		1.5		
2.0			2.0	SILT (ML) Some fine to coarse sand, trace fine to medium gravel, gravel sized silt clasts, low plastic, very soft, red brown, wet, homogeneous, roots [COLLUVIUM]	
2.5			2.5	SILT (ML) Some fine sand, trace coarse sand, non plastic, stiff, homogeneous [Weathered GLACIOMARINE] 2.40 m: EOH - Refusal on dense sediments	
3.0			3.0		

BGC05-2377BER-AH01

**SITE OBSERVATION FORM:** DNV Landslide Risk Assessment  
**LOCATION:** 2391 Berkley Avenue  
**INSPECTION DATE:** (mm/dd/yy) 11/10/05  
**WEATHER:** Raining, heavy rain for several days prior to visit.



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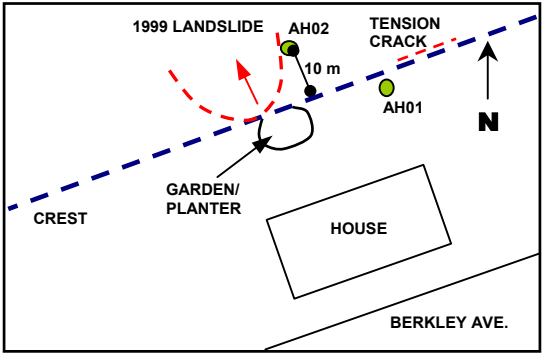
THICKNESS OF LOOSE MATERIALS	<1 m	1-2 m	2-3 m	>3 m
CREST LINE		<input checked="" type="checkbox"/>		
10 m DOWNSLOPE FROM SLOPE CREST	<input checked="" type="checkbox"/>			

SLOPE BELOW FENCE/ RETAINING STRUCTURE	SLOPE = 42°		
	CRACKS	SLIDES	EROSION
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>OBSERVATIONS:</b> Surface water causing erosion and over-steepening in areas. Site of Jan. 1999 landslide. Evidence of slumping and tension cracks at north end of crest.			

TREES BELOW FENCE/ RETAINING STRUCTURE	STRAIGHT	PISTOL-BUTT	LEANING
PERCENT CONIFER: 10%	<input checked="" type="checkbox"/>		
<b>OBSERVATIONS:</b> Mostly small deciduous trees. No conifers in area immediately below crest.			

RETAINING STRUCTURES	YES <input checked="" type="checkbox"/>	NO	HEIGHT= 0.2 m	
TYPE	BLOCKS	CONCRETE	TIMBER CRIB	OTHER: Rebar & small branches
DEFORMATION	UNDEFORMED	CRACKED	SETTLED	BULGING
<b>OBSERVATIONS:</b> Many small retaining structures present throughout slope. All structures made of rebar and 1" diameter branches.				

DEFORMATION IN BACKYARD	YES <input checked="" type="checkbox"/>	NO
LOCATION: Backyard		
DESCRIPTION: 40 cm high concrete and rock planter is cracked.		



**HOUSE DISTANCE TO CREST = 15.0 m**

POOLS	YES	NO <input checked="" type="checkbox"/>
DESCRIPTION: None observed		

SEEPAGE/ SPRINGS IN OR BELOW FILL	YES <input checked="" type="checkbox"/>	NO
OBSERVATIONS: Considerable seepage evident at slope inflection point 10 m down slope from crest and below.		

RECEIVES SURFACE RUNOFF FROM	BACKYARD	1/2 ROOF	FULL ROOF	FRONT YARD	STREET
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>OBSERVATIONS:</b> Driveway slopes towards house					

CONNECTED TO STORM SEWER	YES	NO <input checked="" type="checkbox"/>	UNSURE
<b>OWNERS COMMENTS:</b> DNV reports that this property is not connected to storm sewer.			

**GENERAL OBSERVATIONS**

- Site of January 1999 slide
- A large 12' diameter rock and concrete planter (previously a complete circle) is now 2/3 of a circle. Planter is broken at crest of slope



Figure 1. 2391 Berkley Avenue – Front of the house



Figure 2. 2391 Berkley Avenue – Ponding of water from seepage



Figure 3. 2391 Berkley Avenue – Close up of rebar and stick retaining structure



Figure 4. 2391 Berkley Avenue – Retaining wall/fence line and small retaining structures made of rebar and small sticks



Figure 5. 2391 Berkley Avenue – View looking south of backyard



# INSPECTION LOCATION # 2391 Berkley

**Project :** DNV Landslide Risk Assessment

**Project No. :** 0404-002-01

**Location :** 2391 Berkley  
**Drill Method :** Dutch Hand Auger  
**Inspection Date :** 10 Nov 05  
**Logged by :** MB/ES  
**Reviewed by :** MJP

Depth (m)	Lithologic Description	Depth To Water Table	Depth (m)	Lithologic Description	Depth To Water Table
	<p><b>AUGERHOLE:</b> BGC05-2391BER-AH01 on Slope Crest  <b>FINAL DEPTH OF AUGERHOLE:</b> 1.90 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 1.70 m</p>			<p><b>AUGERHOLE:</b> BGC05-2391BER-AH02 10 m Downslope  <b>FINAL DEPTH OF AUGERHOLE:</b> 0.50 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 0.50 m minimum</p>	
0.0	SAND (SM) Fine sand, silty, poorly graded, loose, dark brown, no odour, moist, homogeneous, no cementation, trace rootlets [TOPSOIL]		0.0	SILT (ML) and SAND (SW) Fine to coarse sand, some fine to medium gravel, some cobbles, low plastic, soft, brown to grey, no odour, wet, homogeneous, no cementation, trace rootlets [COLLUVIUM]	▼
0.5	SILT (ML) and SAND (SP) Mainly fine to medium sand, fine to medium gravel sized clasts of silt, low plastic, soft, grey and brown with some orange mottling, no odour, moist, homogeneous, no cementation, trace rootlets [FILL] ORGANIC LAYER - charcoal		0.5	0.50 m: EOH - Refusal on cobbles, five holes attempted with little or no recovery	
1.0	SAND (SM) Fine to coarse sand, silty, well graded, loose, fine gravel sized clasts of silt, sub-rounded, brown, no odour, moist, homogeneous, no cementation [FILL/ COLLUVIUM]		1.0		
1.5	SAND (SM) Fine to medium sand, silty, poorly graded, loose, fine to coarse gravel sized clasts of silt, sub-rounded, brown, no odour, moist, homogeneous, no cementation [COLLUVIUM]		1.5		
2.0	SILT (ML) Some fine sand, trace clay, low plastic, stiff, grey with orange mottling, no odour, moist, homogeneous, no cementation, non dilatent [Weathered GLACIOMARINE] 1.90 m: EOH - Refusal as material is too stiff to auger through No groundwater encountered		2.0		
2.5			2.5		
3.0			3.0		

BGC05-2391BER-AH01

**SITE OBSERVATION FORM:** DNV Landslide Risk Assessment  
**LOCATION:** 2409 Berkley Avenue  
**INSPECTION DATE:** (mm/dd/yy) 11/10/05  
**WEATHER:** Raining, heavy rain for several days prior to visit.



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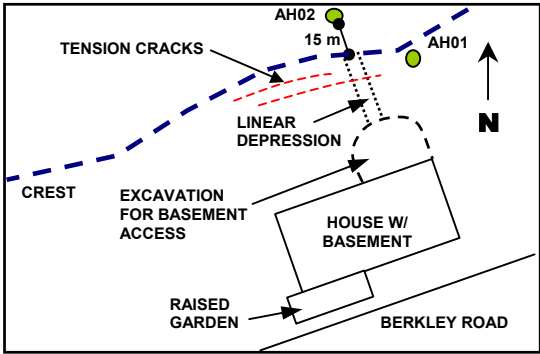
THICKNESS OF LOOSE MATERIALS	<1 m	1-2 m	2-3 m	>3 m
CREST LINE		<input checked="" type="checkbox"/>		
15 m DOWNSLOPE FROM SLOPE CREST				<input checked="" type="checkbox"/>

<b>SLOPE BELOW FENCE/ RETAINING STRUCTURE</b>	SLOPE = 22° from crest to 15m down slope, 37° below 15m		
	CRACKS	SLIDES	EROSION
	<input checked="" type="checkbox"/>		
OBSERVATIONS: Evidence of slumping just below crest.			

TREES BELOW FENCE/ RETAINING STRUCTURE	STRAIGHT	PISTOL-BUTT	LEANING
PERCENT CONIFER: 30-50%	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
OBSERVATIONS: Mostly straight, some leaning deciduous trees.			

RETAINING STRUCTURES	YES	NO <input checked="" type="checkbox"/>	HEIGHT= n/a
TYPE	CONCRETE	TIMBER CRIB	OTHER:
DEFORMATION	UNDEFORMED	CRACKED	BULGING
OBSERVATIONS: None observed.			

<b>DEFORMATION IN BACKYARD</b>	YES <input checked="" type="checkbox"/>	NO
LOCATION: backyard		
DESCRIPTION: Minor differential settlement. Small linear depression runs from basement garden stairs to crest.		



HOUSE DISTANCE TO CREST = 20.0 m

<b>POOLS</b>	YES	NO <input checked="" type="checkbox"/>
DESCRIPTION: None observed		

<b>SEEPAGE/ SPRINGS IN OR BELOW FILL</b>	YES	NO <input checked="" type="checkbox"/>
OBSERVATIONS: None observed.		

RECEIVES SURFACE RUNOFF FROM	BACKYARD	1/2 ROOF	FULL ROOF	FRONT YARD	STREET
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
OBSERVATIONS:					

<b>CONNECTED TO STORM SEWER</b>	YES	NO <input checked="" type="checkbox"/>	UNSURE
OWNERS COMMENTS: DNV reports that this property is not connected to storm sewer.			

**GENERAL OBSERVATIONS**

- Large area excavated for basement access. Timber crib retaining walls and block walls hold up backyard around the access. Lowest part of excavation is 3 m lower than backyard level.
- Slump blocks found just below crest



Figure 1. 2409 Berkley Avenue – Front of the house



Figure 2. 2409 Berkley Avenue – View looking north along crest



Figure 3. 2409 Berkley Avenue – View of backyard



Figure 4. 2409 Berkley Avenue – View down-slope from crest

# INSPECTION LOCATION # 2409 Berkley

**Project :** DNV Landslide Risk Assessment

**Project No. :** 0404-002-01

**Location :** 2409 Berkley  
**Drill Method :** Dutch Hand Auger  
**Inspection Date :** 10 Nov 05  
**Logged by :** SF/JB  
**Reviewed by :** MJP

Depth (m)	Lithologic Description	Depth To Water Table	Depth (m)	Lithologic Description	Depth To Water Table
	<p><b>AUGERHOLE:</b> BGC05-2409BER-AH01 on Slope Crest  <b>FINAL DEPTH OF AUGERHOLE:</b> 1.30 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 1.25 m</p>			<p><b>AUGERHOLE:</b> BGC05-2409BER-AH02 15 m Downslope  <b>FINAL DEPTH OF AUGERHOLE:</b> 3.25 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 3.25 m minimum</p>	
0.0	<p>ORGANICS and SILT (ML)                      Trace fine to medium gravel, non plastic, very loose, dark brown, moist                      [TOPSOIL]</p>		0.0	<p>SILT (ML)                      Trace fine gravel, low plastic, firm to stiff, light grey with trace orange mottling, no odour, homogeneous, non dilatant, trace charcoal, trace organics                      [FILL]</p>	
0.5	<p>SILT (ML)                      Trace fine to coarse sand, trace fine to medium gravel, non plastic, very loose, max particle size = 20 mm, sub-rounded, roots, some charcoal                      [FILL]</p>		0.5		
1.0	<p>SILT (ML)                      Trace fine to coarse sand, trace clay, some gravel sized silt clasts, low plastic, soft to firm, light yellow to grey, moist, homogeneous, non dilatant, roots                      [FILL]                      0.80 m:                      1. Some orange brown mottling evident.                      2. Material is moist to wet</p>		1.0		
1.5	<p>SILT (ML)                      Trace clay, low plastic, stiff, light grey, moist, homogeneous                      [Weathered GLACIOMARINE]                      1.30 m: EOH - Refusal - Material too stiff to auger through</p>		1.5		
2.0			2.0		
2.5			2.5	<p>SILT (ML)                      Some to trace clay, low plastic, very soft, dark grey and brown, no odour, moist, homogeneous, slow dilatancy                      [FILL or COLLUVIUM]</p>	
3.0			3.0		

(Continued on next page)

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 Vancouver, BC Phone: (604) 684 5900

*Client: District of North Vancouver*

# INSPECTION LOCATION # 2409 Berkley

**Project :** DNV Landslide Risk Assessment

**Project No. :** 0404-002-01

**Location :** 2409 Berkley  
**Drill Method :** Dutch Hand Auger  
**Inspection Date :** 10 Nov 05  
**Logged by :** SF/JB  
**Reviewed by :** MJP

Depth (m)	Lithologic Description	Depth To Water Table	Depth (m)	Lithologic Description	Depth To Water Table
	<b>AUGERHOLE:</b> BGC05-2409BER-AH01 on Slope Crest <b>FINAL DEPTH OF AUGERHOLE:</b> 1.30 m <b>THICKNESS OF LOOSE MATERIALS:</b> 1.25 m			<b>AUGERHOLE:</b> BGC05-2409BER-AH02 15 m Downslope <b>FINAL DEPTH OF AUGERHOLE:</b> 3.25 m <b>THICKNESS OF LOOSE MATERIALS:</b> 3.25 m minimum	
3.5			3.5	3.25 m: EOH - Extent of auger	
4.0			4.0		
4.5			4.5		
5.0			5.0		
5.5			5.5		
6.0			6.0		

BGC05-2409BER-AH01

**BGC ENGINEERING INC.**  
 AN APPLIED EARTH SCIENCES COMPANY  
 Vancouver, BC Phone: (604) 684 5900

*Client: District of North Vancouver*

**SITE OBSERVATION FORM:** DNV Landslide Risk Assessment  
**LOCATION:** 2425 Berkley Avenue  
**INSPECTION DATE:** (mm/dd/yy) 11/10/05  
**WEATHER:** Raining, heavy rain for several days prior to visit.



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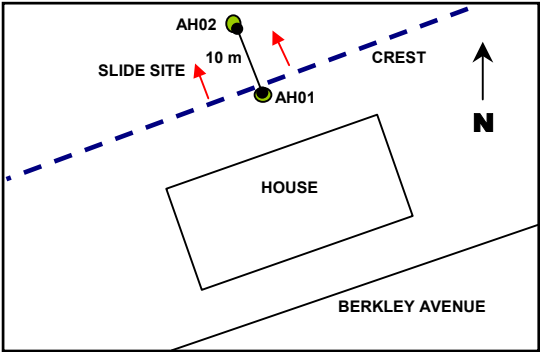
THICKNESS OF LOOSE MATERIALS	<1 m	1-2 m	2-3 m	>3 m
CREST LINE		<input checked="" type="checkbox"/>		
10 m DOWNSLOPE FROM SLOPE CREST	<input checked="" type="checkbox"/>			

SLOPE BELOW FENCE/ RETAINING STRUCTURE	SLOPE = 23°		
	CRACKS	SLIDES	EROSION
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>OBSERVATIONS:</b> Site of previous landslide. Erosion around the bases of some fallen (uprooted) trees.			

TREES BELOW FENCE/ RETAINING STRUCTURE	STRAIGHT	PISTOL-BUTT	LEANING
PERCENT CONIFER: 20%	<input checked="" type="checkbox"/>		
<b>OBSERVATIONS:</b> Most standing trees are straight; many trees have been topped or fallen.			

RETAINING STRUCTURES	YES	NO <input checked="" type="checkbox"/>	HEIGHT= n/a
TYPE	BLOCKS	CONCRETE	TIMBER CRIB
DEFORMATION	UNDEFORMED	CRACKED	SETTLED
<b>OBSERVATIONS:</b> None observed.			

DEFORMATION IN BACKYARD	YES <input checked="" type="checkbox"/>	NO
<b>LOCATION:</b> Northwest corner of yard at crest.		
<b>DESCRIPTION:</b> Shed is bending due to settlement.		



POOLS	YES	NO <input checked="" type="checkbox"/>
<b>DESCRIPTION:</b> None observed.		

SEEPAGE/ SPRINGS IN OR BELOW FILL	YES	NO <input checked="" type="checkbox"/>
<b>OBSERVATIONS:</b> None observed.		

**HOUSE DISTANCE TO CREST = 21.5 m**

RECEIVES SURFACE RUNOFF FROM	BACKYARD	1/2 ROOF	FULL ROOF	FRONT YARD	STREET
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
<b>OBSERVATIONS:</b> Front yard dips towards street. Backyard dips slightly towards house and street.					

CONNECTED TO STORM SEWER	YES	NO <input checked="" type="checkbox"/>	UNSURE
<b>OWNERS COMMENTS:</b> DNV reports that this property is not connected to storm sewer.			

**GENERAL OBSERVATIONS**

- Site of previous landslide: some over-steepened scarps, many toppled trees
- Deck distance to crest is 17.0 m.
- Drainage of lawn may have been attempted; few corrugated pipes exposed, destination of pipes undetermined
- Eroded gully located at southwest side of property at top of slope



Figure 1. 2425 Berkley Avenue – Front of the house



Figure 2. 2425 Berkley Avenue – View looking south along fence





Figure 3. 2425 Berkley Avenue – View looking north along fence



Figure 4. 2425 Berkley Avenue – Shed settling on west side

# INSPECTION LOCATION # 2425 Berkley

**Project :** DNV Landslide Risk Assessment

**Project No. :** 0404-002-01

**Location :** 2425 Berkley  
**Drill Method :** Dutch Hand Auger  
**Inspection Date :** 10 Nov 05  
**Logged by :** MB/ES  
**Reviewed by :** MJP

Depth (m)	Lithologic Description	Depth To Water Table	Depth (m)	Lithologic Description	Depth To Water Table
	<p><b>AUGERHOLE:</b> BGC05-2425BER-AH01 on Slope Crest  <b>FINAL DEPTH OF AUGERHOLE:</b> 1.70 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 1.60 m</p>			<p><b>AUGERHOLE:</b> BGC05-2425BER-AH02 10 m Downslope  <b>FINAL DEPTH OF AUGERHOLE:</b> 0.70 m  <b>THICKNESS OF LOOSE MATERIALS:</b> 0.70 m minimum</p>	
0.0	<p>SILT (ML)                      Sandy, fine sand, non plastic, very soft to soft, dark brown, no odour, dry to moist, homogeneous, no cementation, non dilatent, organic rich wood debris and charcoal, some rootlets                      [TOPSOIL]</p>		0.0	<p>SILT (ML)                      Sandy, fine, non plastic, very soft to soft, dark brown, moist, odourless, homogeneous, no cementation, non dilatent, organic, trace rootlets                      [TOPSOIL]</p>	
0.5	<p>SAND (SM)                      Fine to medium sand, silty, trace fine gravel, trace clay, loose, poorly graded, max particle size = 3 mm, sub-rounded, brown with orange mottling, no odour, dry to moist, homogeneous, no cementation                      [FILL]</p>		0.5	<p>SILT (ML)                      Sandy, fine to coarse, trace fine gravel, trace cobbles, non plastic, soft, brown, moist, no odour, homogeneous, no cementation, non dilatent, fine gravel sized silt clasts                      [COLLUVIUM]</p>	
1.0	<p>SILT (ML)                      Sandy, fine to medium, low plastic, soft to firm, stiff in places, grey to light brown with orange mottling, no odour, dry to moist, homogeneous, no cementation, non dilatent                      [FILL]</p> <p>1.0 m: Layer of charcoal and organics                      Material is soft, contains rotten wood and organics</p>		1.0	<p>0.70 m: EOH - Refusal on cobbles                      Five holes attempted</p>	
2.0	<p>SAND (SP)                      Fine sand, silty, trace fine gravel, compact to dense, poorly graded, max particle size = 3 mm, grey to light brown with orange mottling, no odour, moist, homogeneous, no cementation                      [Weathered GLACIOMARINE]</p> <p>1.70 m - EOH Refusal on compact material                      No groundwater encountered</p>		2.0		
2.5			2.5		
3.0			3.0		

BGC05-2425BER-AH01