



CLIENT: **Concert Properties Ltd.**
 PROJECT: **City Dedications**
 ADDRESS: **Quebec St. & 1st Ave. Vancouver, BC**
 SLR JOB NO: **201.88525.00000.0005**

BOREHOLE LOG

BOREHOLE NO: **BH15-1 & SVP15-1**
 SURFACE ELEVATION: **3.90 m**

SLR CONSULTING (CANADA) LTD.

DEPTH (m)	SAMPLE TYPE	SAMPLE ID	SPT COUNT	SOIL TYPE	SOIL DESCRIPTION	FIELD TEST DATA			WELL COMPLETION	WATER LEVEL	WELL COMPLETION NOTES	ELEVATION (m)
						ORGANIC VAPOUR LEVEL (ppmv)						
						1	10	100				
0.0	Grab	1		Asphalt	Asphalt						roadbox, sealed top cap, cement, silica sand	3.90
0.5	Auger	2		SAND	some gravel, some silt, occasional cobbles and debris (wire), dense, brown-black, moist							
1.0	Auger	3		SAND	light brown-black, some crushed asphalt from 1.1 m						bentonite seal	3.0
1.5	Auger	4		SAND	fine, some silt, compact, light brown, dry-moist						svp15-1	2.0
2.0	Auger	5		SAND	fine, some silt, very dense, grey, dry-moist						bentonite seal	1.0
2.5	Auger	6		SAND	fine, some silt, very dense, grey, dry-moist						GW _{BH15-1} = 0.92 m	0.0
3.0	Auger	7		SAND	fine, some silt, very dense, grey, dry-moist							0.0
4.6					End of borehole at 4.6 m							
					Well Completion Details: Screened interval from 2.3 m to 3.8 m below surface Elevation at top of casing (TOC) = 3.793 m							
					"For environmental purposes only"							

SLR CANADA V5.2 2015_CITY DEDICATIONS.GPJ SLR_CAN V5.2.GDT 7/20/16

DRILLING METHOD: Solid Stem Auger Drilling

Notes: GRAB SAMPLE
 AUGER SAMPLE

DRILL DATE: July 21, 2015
 LOGGED BY: DR/SL
 DRILLED BY:

STEP ONE

Go to Borehole Information sheet and add your borehole information.

Required information is as follows:

BOREHOLE_NAME	-name assigned by the driller of the borehole. e.g., MW2002-2
BOREHOLE_ADDRESS	-address at which the borehole was drilled. e.g., 952 Granville Street
BOREHOLE_MUNICIPALITY	-municipality in which the borehole was drilled. e.g., Langley
BOREHOLE_SITE_ID	-Land Remediation Site ID number. e.g., 7010
LATITUDE	-in decimal degrees. e.g., 49.280249
LONGITUDE	- in decimal degrees. e.g., -123.119281
SUPPORTING_DOCUMENT	-name of the borehole log PDF file to be submitted
DATE_DRILLED	-date on which the borehole was drilled. e.g., 2007-05-24

STEP TWO

Go to Borehole Lithology sheet and add the borehole lithology information.

Required information is as follows:

BOREHOLE_NAME	-name assigned by the driller of the borehole. e.g., MW2002-2
TOTAL_BOREHOLE_DEPTH	- depth of borehole in metres below ground surface
BOREHOLE_TOC_ELEVATION	- top of casing elevation in metres above sea level
BOREHOLE_SURFACE_ELEVATION	- surveyed ground surface elevation in metres above sea level
TOP_OF_SCREEN	- distance to top of screen in metres below ground surface
BOTTOM_OF_SCREEN	- distance to bottom of screen in metres below ground surface
FROM_UNIT_DEPTH	- each lithological unit needs to be entered in a separate row. In this column, enter the depth (metres below ground surface) where the unit starts.
TO_UNIT_DEPTH	- each lithological unit needs to be entered in a separate row. In this column, enter the depth (metres below ground surface) where the unit ends.
UNIT_DESCRIPTION	- enter the soil description for the unit. There is a drop-down list of USCS soil descriptors to choose from.
UNIT_NUMBER	- number each unit sequentially from ground surface downwards (upper-most unit is unit number 1). In this column, enter the number for the specific unit described in the row.
HYDRAULIC_CONDUCTIVITY	- if available, enter the hydraulic conductivity for the unit described in this row. Enter as a decimal number, with units of metres per second.
DEPTH_TO_WATER_BELOW_TOC	- enter the depth to water below top of casing, if available (as metres below ground surface).
DEPTH_TO_WATER_BELOW_SURFACE	- enter the depth to water below ground surface, if available (as metres below ground surface).

STEP THREE

Submit BOTH an electronic and hard copy of this spreadsheet and a PDF copy of the borehole log with your application to the BC MOE. You may include disclaimers or limits of liability on the borehole log as required by your individual companies.

Example

BOREHOLE_NAME	BOREHOLE_ADDRESS	BOREHOLE_MUNICIPALITY	BOREHOLE_SITE_ID	LATITUDE	LONGITUDE	SUPPORTING_DOCUMENT	DATE_DRILLED
BOREHOLE_NAME	5433 Bridge Street	Vancouver	3100	49.23473	-124.81568	3100_MW2008-1.pdf	2008-10-28

Please enter your borehole information below:

BOREHOLE_NAME	BOREHOLE_ADDRESS	BOREHOLE_MUNICIPALITY	BOREHOLE_SITE_ID	LATITUDE	LONGITUDE	SUPPORTING_DOCUMENT	DATE_DRILLED
BH15-1	95 East 1st avenue	Vancouver	4697	49.27016	-123.10369	BH15-1.pdf	2015-07-21

Fill

Well-graded gravel

Poorly graded gravel

Silty gravel

Clayey gravel

Well-graded sand

Poorly graded sand

Silty sand

Clayey sand

Inorganic silt - slight plasticity

Inorganic clay - low to medium plasticity

Organic silt

Organic clay

Inorganic silt - high plasticity

Inorganic clay - high plasticity

Peat