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Tlowitsis First Nation Elkhorn Parcels 3 to 8, York Road, Campbell River, BC

Phase I Environmental Site Assessment
Report

February 2013 SLR Ref: 202.01495.00001



# PHASE I ENVIRONMENTAL SITE ASSESSMENT ELKHORN PARCELS 3 TO 8 YORK ROAD, CAMPBELL RIVER, BC

SLR REFERENCE NO.: 202.01495.00001

Prepared by SLR Consulting (Canada) Ltd. 9 – 6421 Applecross Road Nanaimo, BC V9V 1N1

for TLOWITSIS FIRST NATION 1345 Bute Crescent Campbell River, BC V9H 1G8

14 February 2013

Prepared by:

B. Loffler, P.Eng., P.Geo. Senior Project Manager Reviewed by:

Michael Sloan, M.Sc., P.Eng. Technical Coordinator, Land

Quality

# CONFIDENTIAL

Distribution: 1 email copy - Tlowitsis First Nation

1 copy - SLR Consulting (Canada) Ltd.

# **EXECUTIVE SUMMARY**

On behalf of the Tlowitsis First Nation, SLR Consulting (Canada) Ltd. completed a Phase I Environmental Site Assessment (ESA) of six parcels of land (the "site") located on the north side of York Road in the Strathcona Regional District immediately south of Campbell River, BC. SLR understands that this report is for due diligence purposes prior to the purchase of the site from Timberwest Forest Limited.

The primary objective of this Phase I ESA was to identify areas of actual or potential contamination on the site that may have resulted from current or historical activities and/or from activities on adjacent properties. A Phase I ESA seeks to identify the probable nature and location of potential or apparent site contamination through visual observation and historical research, but specifically excludes the use of intrusive sampling and/or analytical testing to investigate the site's subsurface conditions. A Phase I ESA does not constitute an audit of the current owner's or operator's environmental management practices.

This report describes land uses and a history of the site and area, discusses potential areas of environmental concern (if any), and outlines our conclusions based on the observed conditions at the site on February 5, 2013.

The site is owned by TimberWest Forest III Limited Inc.No.BC459346 and consisted of six large, forested lots known as the Elkhorn Parcels 3 to 8. The site was zoned UR-40ha (Upland Resource 40 hectare minimum size) and is located along York Road immediately south of the Municipality of Campbell River in a residential and forested area approximately 700 m east of Oyster Bay. The Little Oyster River is located approximately 200 m southwest of the site and is part of the Oyster River Watershed Reserve, which extends approximately 200 m onto the site along the southwest boundary. Storie Creek is located approximately 1 km north and five wetland areas in the northern portion of the site drain into a tributary to the creek.

There were a few minor areas of waste dumping observed along the roads on site, consisting of yard waste, asphalt shingles, carpets, cans and bottles, but nothing of significant environmental concern was noted. There was a large cleared area along the road in the southwest area of the site that appeared to be a log sort or transfer area in the past. There were no buildings or other structures evident on the site.

In summary, the site was never developed. It had been logged at least twice in the recent past. The surrounding area has been primarily forested and is vacant, with residential development mainly to the east and south of the site.

Based on the results of the Phase I ESA, there are no areas of potential environmental concern (APECs) identified for the site. No further environmental investigation is recommended at this time.

The information described in this Executive Summary is intended to be read in conjunction with the remainder of this report and is subject to the same limitations described in Section 9.0 of this report.



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# 1.0 INTRODUCTION

On behalf of the Tlowitsis First Nation, SLR Consulting (Canada) Ltd. completed a Phase I Environmental Site Assessment (ESA) of six parcels of land (the "site") located on the north side of York Road in the Strathcona Regional District immediately south of Campbell River, BC. SLR understands that this report is for due diligence purposes prior to the purchase of the site from Timberwest Forest Limited.

The primary objective of this Phase I ESA was to identify areas of actual or potential contamination on the site that may have resulted from current or historical activities on the site and/or from activities on adjacent properties. A Phase I ESA seeks to identify the probable nature and location of potential or apparent site contamination through visual observation and historical research, but specifically excludes the use of intrusive sampling and/or analytical testing to investigate the site's subsurface conditions. A Phase I ESA does not constitute an audit of the current owner's or operator's environmental management practices.

This report describes land uses and a history of the site and area, discusses potential areas of environmental concern (if any), and outlines our conclusions based on the observed conditions at the site on February 5, 2013.

# 1.1 Scope and Methodology

SLR completed the Phase I ESA in accordance with the following standard environmental assessment activities, procedures and guidelines:

- review of historical aerial photographs of the site and surrounding area;
- completion of a BC On-line Site Registry search;
- completion of a water well search of records maintained by the MOE;
- completion of a site reconnaissance;
- interview with person(s) familiar with the site; and
- identification of proximal potential receiving waters.

# 2.0 SITE DESCRIPTION

The site is owned by TimberWest Forest III Limited Inc.No.BC459346 and consisted of six large, forested lots known as the Elkhorn Parcels 3 to 8. The site was zoned UR-40ha (Upland Resource 40 hectare minimum size) and is located along York Road immediately south of the Municipality of Campbell River in a residential and forested area approximately 700 m east of Oyster Bay. The Little Oyster River is located approximately 200 m southwest of the site and is part of the Oyster River Watershed Reserve, which extends approximately 200 m onto the site along the southwest boundary. Storie Creek is located approximately 1 km north and five wetland areas in the northern portion of the site drain into a tributary to the creek.

Drawing 1 illustrates the approximate site location and regional topographic features, and Drawing 2 illustrates the individual lot sizes and area land use.

A legal plan, current land titles and zoning map is included in Appendix A.



Table 1 on the following page summarizes the site details.

# Table 1: SITE DETAILS

		SI	TE DETAILS		
SITE OWNER	П	TimberWest Forest III Limited Inc.No.BC459346			
SITE ADDRESS			York Road, Campbell River, BC		
LEGAL DESCRIPTION		Lots 3-8, Section 33, Township 4, Comox District, Plan EPP5703			
		Lot 3 028-232-771, Lot 4 028-232-780, Lot 5 028-232-810			
PARCEL ID NO.		Lot 6 028-232-828, Lot 7 028-232-836, Lot 8 028-232-844			
LATITUDE/LONGITUDE		Near centre of site: 49°54' 39" N 125° 12' 26" W			
NTS SHEET		92 F/14			
ZONING	UR-40ha				
AREA OF SITE		257 ha (approx.)			
PERCENTAGE COVER		95% forested, 5% wetlands and streams			
ON-SITE FACILITIES			Logging roads		
TANKAGE			None		
FORMER TANKAGE		No ASTs or USTs were reportedly ever located on the site.			
SITE HISTORY		The site appears to have been historically forested and most recently logged in the 1990s.			
SURROUNDING LAND USE (refer to Figure 2)	N E S W		Vacant, forested Residential Vacant, forested, some residential Vacant, forested		
CLIMATE <sup>1</sup>		nnual Rainfall: nnual snowfall Annual Precipitation:	1344.1 mm 109.0 cm 1451.5 mm		
		Stratigraphy:	Dashwood, marine and fluvioglacial material, very gravelly loamy sand, some strongly to moderately cemented pans, rapidly draining		
		Local Fopography:	Slopes downward gradually towards the ENE		
		ood Potential:	Site is not in a registered floodplain		
		Froundwater:	Not assessed as part of this investigation		
STRATIGRAPHY, TOPOGRAPHY AND		Groundwater Gradient:	Inferred to the ENE towards the ocean		
HYDROGEOLOGY		urface Water:	Oyster Bay in the Strait of Georgia (ocean) is located approximately 700 m E and the Little Oyster River is located approximately 200 m SW of the site		
	V	Vater Wells:	One registered well on site (Lot 7)		
		Vater Supply	Well		
	Sa	nitary / Storm Sewer:	None		
N. 1 5 1 1					

Note:

- - Precipitation data from the Canadian Climate Normals Website, Campbell River airport



# 2.1 Topography, Drainage and Aquatic Receptors

The site was relatively flat with a slight grade downward towards the northeast with the elevation ranging from approximately 80 to 40 metres above sea level. The site is a combination of forest and wetlands, with drainage flowing towards the northeast to Storie Creek.

According to the Department of Fisheries and Oceans website, there are no fish-bearing streams on the site, although, the wetlands in the northern portion of the site flow to Storie Creek, which is fish-bearing. Also, the Little Oyster River, located southwest of the site, is fish-bearing, although there appear to be no streams flowing from the site toward it (Drawing 3).

# 2.2 Regional Soil Conditions

The Soils of Southern Vancouver Island report and maps indicated that the site and surrounding area include Dashwood marine sediments consisting of fluvioglacial deposits with very gravelly loamy sand that is rapidly draining. Strongly to moderately cemented pans are also located within the area. The area is described as undulating to gently rolling.

# 2.3 Regional Climate

The Canadian climate normals, available through the Environment Canada website, indicated that the average annual precipitation (rainfall and/or snowfall) for the Campbell River airport from 1971 to 2000 was 1451.5 mm. The average precipitation was recorded as over 100 mm per month from October to March, and below 50 mm in July and August.

### 3.0 RECORDS REVIEW

Records reviewed included:

- aerial photographs dating back to 1950
- BC On-line Site Registry search results;
- water well records maintained by the MOE.

The following summaries of the site and the surrounding land use history are based on information gathered from the documents listed above.

# 3.1 Air Photo Review

SLR reviewed aerial photographs of the site and surrounding area. Table 2 provides a brief summary of the findings:

Table 2: AERIAL PHOTOGRAPH REVIEW

Year	Details
1950 & 52	The site appears vacant and logged. York Road is present.
1957	The site and surrounding area are similar to the previous photograph.
1964	The site and surrounding area are similar to the previous photograph, except there is more development along the waterfront.

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Year	Details
1968	The site and surrounding area are similar to the previous photograph, except there are more trees on the site.
1975	The site and surrounding area are similar to the previous photograph, except there are more trees and the development SE of the site is beginning.
1984	The site and surrounding area are similar to the previous photograph, except there is more development S & SE of the site.
1987	The site and surrounding area are similar to the previous photograph. There is a golf course beginning north of the site.
1996	The site looks logged and there are logging roads on the site. The golf course is complete and there is a new development beginning east of the site.
2005	The site and surrounding area appear similar to the previous photograph.

In summary, the site has been logged but remains vacant. The areas east and south of the site have consistently been developed with residential lots.

# 3.2 Provincial Contaminated Site Registry

SLR conducted a BC MOE Site Registry search using BC OnLine database.

Site information that generally may be identified during this search includes the following:

- legal and administrative notations;
- names of site participants such as site owners, BC MOE contacts, other government; officials and independent consultants, or others who are involved in the site;
- references of pertinent documents.

Due to the relatively large area of the site, a search radius of 5 km from near the centre was used. Search results indicated that, as of January 16, 2013, five sites were registered with the BC MOE Site Registry within a 5 km radius of the centre of the site. A summary is provided in Table 3.

Table 3: MINISTRY OF ENVIRONMENTAL SITE REGISTRY RESULTS

Location/site	BC MOE site ID	Relative Location from site	Comments
71 Washington Drive	0001808	4 km north	Low concern
3913 Wavecrest Road	0004426	2 km northeast	Low concern
3690 South Island Highway	0009661	4 km north	Low concern
2299 Airport Road	0011906	5 km northwest	Low concern
3683 Ocean Grove Road	00013324	4 km north	Low concern

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There were no registered properties within 500 m of the site and, based on the distance of the registered properties from the site, it is unlikely that these properties present a risk to the site. A copy of the search result is located in Appendix A.

# 3.3 Groundwater Well Database Search

SLR conducted a search of the BC MOE online database to identify the presence of registered water wells within the area of the site. The search results indicated that there was one registered well on the site, in the northeast area of the site, and three located within 0.5 km. The well on-site (#96968) was installed in 2009 to 30 m below grade into sandstone bedrock. The well capacity was reported to be 0.16 US gallon/minute. The two wells to the west and south of the site were installed into bedrock to 73m and 69 m below grade and reportedly pump 2 and 4 US gallons/minute, respectively. The well to the north of the site was installed to 22 m below grade into a fine sand and reportedly pumps 25 US gallons/minute. According to the aquifer map an unconfined aquifer may extend into the southeast portion of the site.

A copy of the search results is included in Appendix A.

# 3.4 Historical Summary

In summary, the site was never developed. It had been logged at least twice in the recent past. The surrounding area has been primarily forested and is vacant, with residential development mainly to the east and south of the site.

# 4.0 INTERVIEWS

SLR met with Mr. Ross McKeever, with Couverdon, the real estate arm of TimberWest, on February 1, 2013. According to Mr. McKeever, he has been familiar with the site since 2009, when the subdivision of the site parcels began. The site has historically been used for tree harvesting and to the best of his knowledge has never had a logging camp or trucking facility, and there were never any above or underground fuel tanks or truck maintenance operations on the site. There has never been hazardous waste generated at the site, nor any buildings, landfills, incinerators, or spills requiring remediation. Since the site has been subdivided, all forestry operations have ceased and the site is gated and patrolled by a security service.

# 5.0 SITE RECONNAISSANCE

SLR conducted a site reconnaissance on February 5, 2013. The site was located on the north side of York Road. Vehicle access to the site was from York Road through a gate at the southeast corner of the site to the logging roads that cross the site. Walking and ATV access was also present through numerous paths and trails on the site. The site was forested with areas of recent logging and replanting. There were two large borrow pits and one smaller borrow pit along the logging roads on the sitethat were filled with water, indicating a high groundwater table. There was a wetland area along the road in the north-central portion of the site with streams flowing through culverts towards the northeast. The flow appeared to be hindered by beaver activity, as the water was backed up and on the road.

There were a few minor areas of waste dumping observed along the roads on site, consisting of yard waste, asphalt shingles, carpets, cans and bottles, but nothing of significant environmental concern was noted. There was a large cleared area along the road in the southwest area of the site that appeared to be a log sort or transfer area in the past. There were no buildings or other



structures evident on the site, except for a concrete manhole-type structure on Parcel 5, which may be a water well.

Surrounding land use consisted of residences on the east and south sides of the site, and vacant and forested to the north and west.

# 6.0 CONCLUSIONS

Based on the results of the Phase I ESA, there are no areas of potential environmental concern (APECs) identified for the site. No further environmental investigation is recommended at this time.

# 7.0 PROFESSIONAL STATEMENT

The "Phase I Environmental Site Assessment" report was prepared by SLR Consulting (Canada) Ltd. for the site in accordance with the requirements in the Environmental Management Act and the BC Contaminated Sites Regulation. The authors of this report, Mr. Brad Loffler, P.Eng., P.Geo. and Mr. Michael Sloan, M.Sc., P.Eng., have more than 40 years of combined experience in the environmental and geoscientific fields and are familiar with the works carried out on the site.

# 8.0 REFERENCES AND SUPPORTING DOCUMENTATION

# Information sources used for this report included:

- Aerial Photographs (1950 to 1996) UBC Department of Geography;
- Aerial Photograph (2005) Google Earth:
- BC Ministry of Environment;
- BC Online Site Registry 5-km radius area search;
- Water Resources Atlas: groundwater resources website: [http://srmapps.gov.bc.ca/apps/wrbc/]
- Historical Land Titles:
- West Coast Title Search Ltd. of Victoria, BC; and
- B.C. Ministry of Environment, 1985, Soils of Southern Vancouver Island, MOE Technical Report 17, Victoria, British Columbia.

# 9.0 STATEMENT OF LIMITATIONS

This report has been prepared and the work referred to in this report has been undertaken by SLR for Tlowitsis First Nation It is intended for the sole and exclusive use of Tlowitsis First Nation and its authorized agents for the purpose(s) set out in this report. Any use of, reliance on or decision made based on this report by any person other than Tlowitsis First Nation for any purpose, or by Tlowitsis First Nation for a purpose other than the purpose(s) set out in this report, is the sole responsibility of such other person or Tlowitsis First Nation and SLR make no representation or warranty to any other person with regard to this report and the work referred to in this report and they accept no duty of care to any other person or any liability or responsibility whatsoever for any losses, expenses, damages, fines, penalties or other harm that may be suffered or incurred by any other person as a result of the use of, reliance on, any decision made or any action taken based on this report or the work referred to in this report.

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Any conclusions or recommendations made in this report reflect SLR's judgment based on the following limited investigations: visual site inspection(s) on the date(s) set out in this report; examination of public records; and interviews with individuals having information about the site. While efforts have been made to substantiate information provided by third parties, SLR makes no representation or warranty as to its completeness or accuracy.

This report has been prepared for specific application to this site. Unless otherwise stated, the findings cannot be extended to previous or future site conditions; portions of the site which were unavailable for direct investigation; subsurface locations which were not investigated directly; or chemical parameters, materials or analysis which were not addressed. Substances other than those addressed by the investigation described in this report may exist within the site; and substances addressed by the investigation may exist in areas of the site not investigated or in quantities not ascertained.

As the evaluation and conclusions reported herein do not preclude the existence of other chemical compounds and/or variations of conditions within the site that may be possible, this report should be used for informational purposes only and should absolutely not be construed as a comprehensive hydrogeological or chemical characterization of the site. If site conditions change or if any additional information becomes available at a future date, modifications to the findings, conclusions and recommendations in this report may be necessary.

Nothing in this report is intended to constitute or provide a legal opinion. SLR makes no representation as to the requirements of or compliance with environmental laws, rules, regulations or policies established by federal, provincial or local government bodies. Revisions to the regulatory standards referred to in this report may be expected over time. As a result, modifications to the findings, conclusions and recommendations in this report may be necessary.

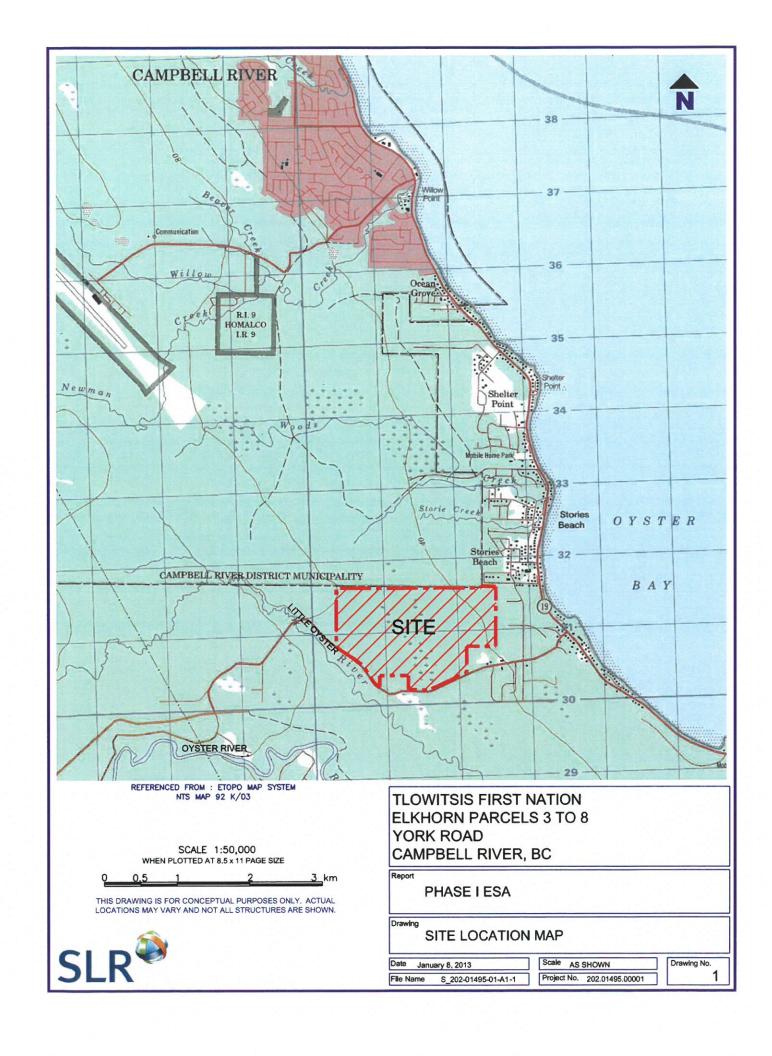
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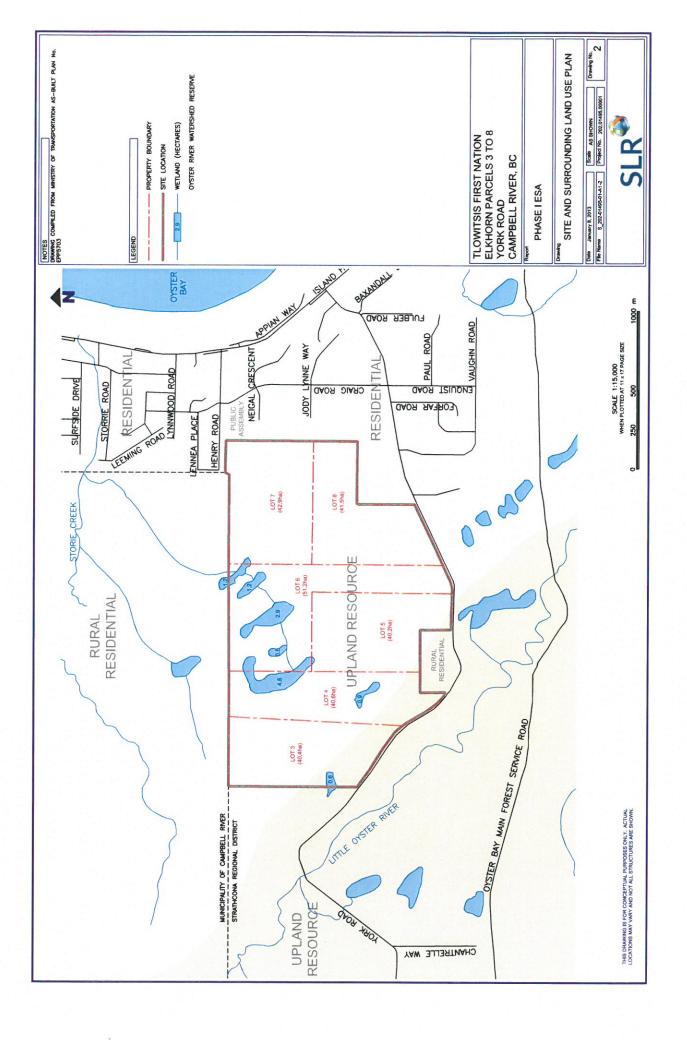
6

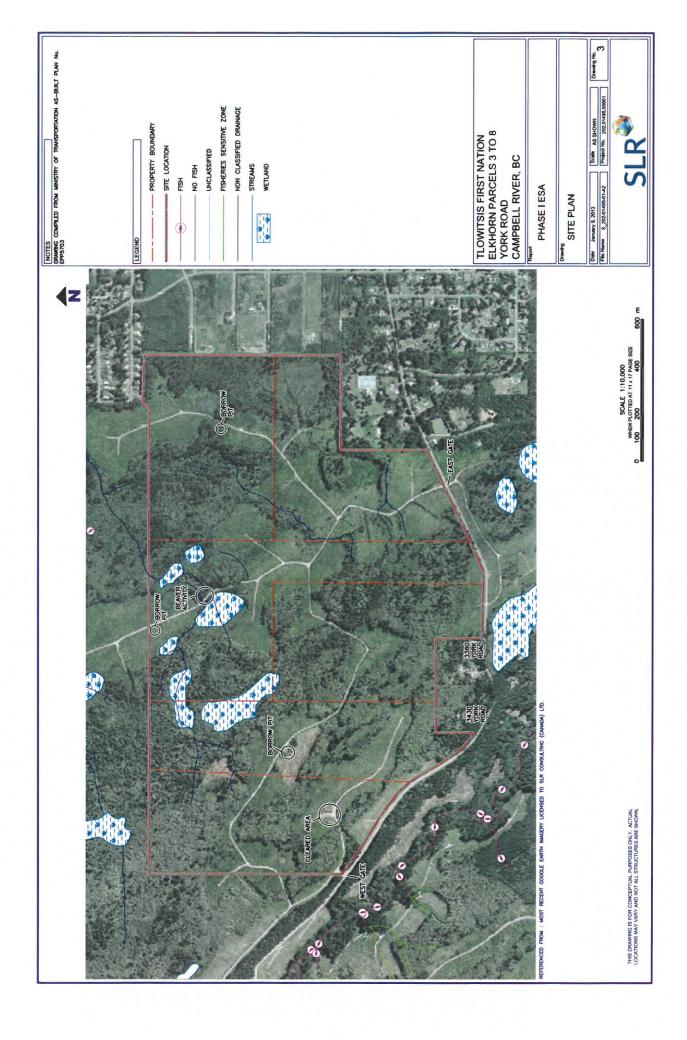


# **DRAWINGS**

Tlowitsis First Nation
Phase 1 ESA Elkhorn Parcels 3-8, Campbell River
SLR Project No.: 202.01495.00001







# **PHOTOGRAPHS**

Tlowitsis First Nation
Phase 1 ESA Elkhorn Parcels 3-8, Campbell River
SLR Project No.: 202.01495.00001



Photo 1: Looking towards the north from York Road at Parcel 5. (February 5, 2013)



Photo 2: Looking towards the west at Parcel 5. Note concrete manhole at the trees on the right side of the photo. (February 5, 2013)



Phase I Environmental Site Assessment Elkhorn Parcels 3 to 8 York Road, Campbell River, BC



Photo 3: Looking east along York Road from the west gate at Parcel 3. (February 5, 2013).



Photo 4: Looking north at Parcel 8 from the east gate. Not dumping of debris along the road access. (February 5, 2013).



Phase I Environmental Site Assessment Elkhorn Parcels 3 to 8 York Road, Campbell River, BC



Photo 5: Looking towards the north at the cleared area on Parcel 3 from the logging road. (February 5, 2013)



Photo 6: Looking towards the east at the west side borrow pit on Parcel 4. (February 5, 2013)





Photo 7: Looking south at the north-central borrow pit. (February 5, 2013).



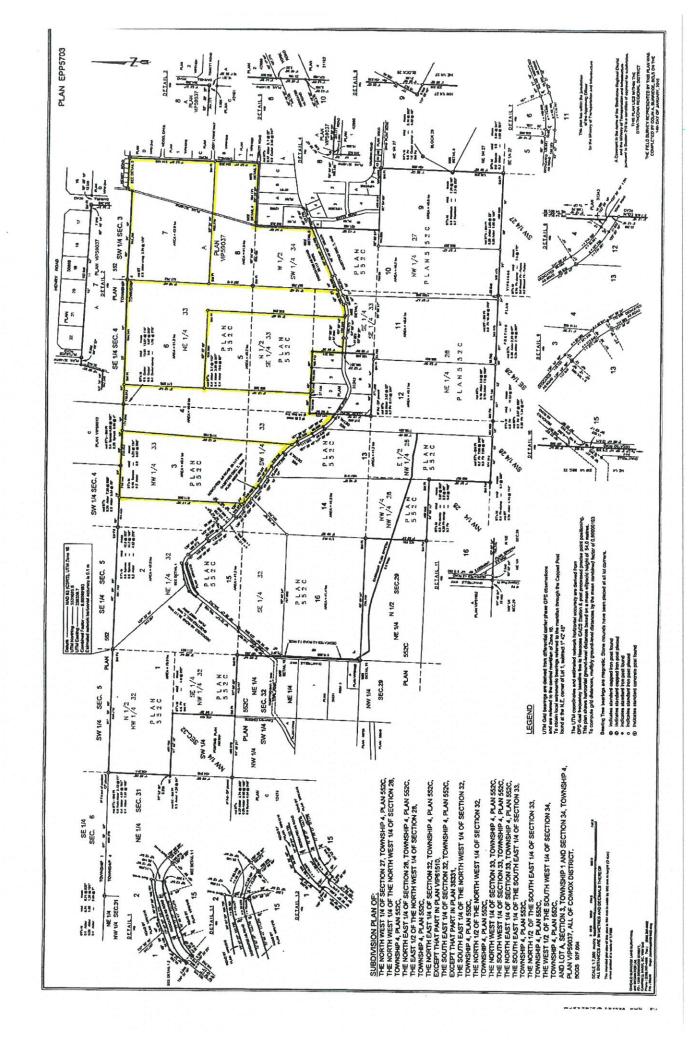
Photo 8: Looking south at the wetlands and beaver activity damming the flow along the logging road. (February 5, 2013).



Phase I Environmental Site Assessment Elkhorn Parcels 3 to 8 York Road, Campbell River, BC

# APPENDIX A Supplemental Information

Tlowitsis First Nation
Phase 1 ESA Elkhorn Parcels 3-8, Campbell River
SLR Project No.: 202.01495.00001



Date: 21-Nov-2012

TITLE SEARCH PRINT

Time: 09:22:44 Page 001 of 003

Requestor: (PA13597) TLOWITSIS FIRST NATION Folio:

TITLE - FB373565

VICTORIA

LAND TITLE OFFICE

TITLE NO: FB373565

FROM TITLE NO: CA1567549

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 29 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459346

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

COURTENAY ASSESSMENT AREA

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-771

LOT 3 SECTION 33 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567566 OVER LOT 4, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567567 OVER LOT 5, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567568 OVER LOT 6, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567569 OVER LOT 7, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567570 OVER LOT 8, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10.

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567575 OVER LOT 13.

Date: 21-Nov-2012 Requestor: (PA13597)

TITLE SEARCH PRINT TLOWITSIS FIRST NATION

Folio:

TITLE - FB373565

Time: 09:22:44 Page 003 of 003

HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA

J88300

REMARKS: INTER ALIA

TRANSFER OF PART OF 48537G

RESTRICTIVE COVENANT

CA1567565 2010-05-18 16:53

REMARKS: APPURTENANT TO LOTS 1,2 AND 3 TO 16 PLAN EPP5703 AND THE NORTH 1/2 OF THE NORTH EAST 1/4 SECTION 29 TOWNSHIP 4 COMOX DISTRICT PLAN 552C

COVENANT

CA1567584 2010-05-18 16:53
REGISTERED OWNER OF CHARGE:
THE CROWN IN RIGHT OF BRITISH COLUMBIA
STRATHCONA REGIONAL DISTRICT
CA1567584

REMARKS: INTER ALIA

STATUTORY RIGHT OF WAY

FB372713 2010-09-17 09:48

REGISTERED OWNER OF CHARGE:

BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

FB372713

REMARKS: INTER ALIA

STATUTORY RIGHT OF WAY

FB372714 2010-09-17 09:48

REGISTERED OWNER OF CHARGE:

TELUS COMMUNICATIONS INC.

INCORPORATION NO. A55547

FB372714

REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING

TRANSFERS: NONE

PENDING APPLICATIONS: NONE

\*\*\* CURRENT INFORMATION ONLY - NO CANCELLED INFORMATION SHOWN \*\*\*

Date: 21-Nov-2012 Requestor: (PA13597)

TITLE SEARCH PRINT TLOWITSIS FIRST NATION

Folio:

TITLE - FB373566

Time: 09:25:37 Page 001 of 003

VICTORIA

LAND TITLE OFFICE

TITLE NO: FB373566

FROM TITLE NO: CA1567550

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 29 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459346

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

COURTENAY ASSESSMENT AREA

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-780

LOT 4 SECTION 33 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567565 OVER LOT 3, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567567 OVER LOT 5, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567568 OVER LOT 6, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567569 OVER LOT 7, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567570 OVER LOT 8, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567575 OVER LOT 13,

Date: 21-Nov-2012 TITLE SEARCH PRINT

Requestor: (PA13597) TLOWITSIS FIRST NATION

Folio: TITLE - FB373566 Time: 09:25:37 Page 003 of 003

REGISTERED OWNER OF CHARGE: HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA J88300

REMARKS: INTER ALIA

TRANSFER OF PART OF 48537G

RESTRICTIVE COVENANT

CA1567566 2010-05-18 16:53

REMARKS: APPURTENANT TO LOTS 1 TO 3 AND 5 TO 16, PLAN EPP5703 AND THE NORTH 1/2 OF THE NORTH EAST 1/4 SECTION 29 TOWNSHIP 4 COMOX DISTRICT PLAN 552C

COVENANT

CA1567584 2010-05-18 16:53 REGISTERED OWNER OF CHARGE: THE CROWN IN RIGHT OF BRITISH COLUMBIA STRATHCONA REGIONAL DISTRICT CA1567584 REMARKS: INTER ALIA

STATUTORY RIGHT OF WAY FB372713 2010-09-17 09:48 REGISTERED OWNER OF CHARGE: BRITISH COLUMBIA HYDRO AND POWER AUTHORITY FB372713

REMARKS: INTER ALIA

STATUTORY RIGHT OF WAY FB372714 2010-09-17 09:48 REGISTERED OWNER OF CHARGE: TELUS COMMUNICATIONS INC. INCORPORATION NO. A55547 FB372714 REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING

TRANSFERS: NONE

PENDING APPLICATIONS: NONE

\*\*\* CURRENT INFORMATION ONLY - NO CANCELLED INFORMATION SHOWN \*\*\*

Date: 21-Nov-2012

TITLE SEARCH PRINT Requestor: (PA13597) TLOWITSIS FIRST NATION

Folio: TITLE - FB373567 Time: 09:28:00 Page 001 of 003

VICTORIA

LAND TITLE OFFICE

TITLE NO: FB373567 FROM TITLE NO: CA1567551

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 24 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459436

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

COURTENAY ASSESSMENT AREA

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-810

LOT 5 SECTION 33 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1,

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567565 OVER LOT 3, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567566 OVER LOT 4, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567568 OVER LOT 6, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567569 OVER LOT 7, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567570 OVER LOT 8, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11,

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12. PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567575 OVER LOT 13,

Date: 21-Nov-2012 Requestor: (PA13597)

TITLE SEARCH PRINT TLOWITSIS FIRST NATION

Folio:

TITLE - FB373567

Time: 09:28:00 Page 003 of 003

CA1567584 2010-05-18 16:53 REGISTERED OWNER OF CHARGE: THE CROWN IN RIGHT OF BRITISH COLUMBIA STRATHCONA REGIONAL DISTRICT

CA1567584 REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING

TRANSFERS: NONE

PENDING APPLICATIONS: NONE

\*\*\* CURRENT INFORMATION ONLY - NO CANCELLED INFORMATION SHOWN \*\*\*

Date: 21-Nov-2012 Requestor: (PA13597) TITLE SEARCH PRINT TLOWITSIS FIRST NATION

Folio:

TITLE - FB373568

Time: 09:29:16 Page 001 of 003

VICTORIA

LAND TITLE OFFICE

TITLE NO: FB373568 FROM TITLE NO: CA1567552

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 24 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459436

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

COURTENAY ASSESSMENT AREA

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-828

LOT 6 SECTION 33 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1,

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567565 OVER LOT 3, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567566 OVER LOT 4, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567567 OVER LOT 5, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567569 OVER LOT 7, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567570 OVER LOT 8, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567575 OVER LOT 13,

Date: 21-Nov-2012 TITLE SEARCH PRINT
Requestor: (PA13597) TLOWITSIS FIRST NATION
TITLE - FB373568

Time: 09:29:16 Page 003 of 003

Folio:

TITLE - FB373568

CA1567584 2010-05-18 16:53 REGISTERED OWNER OF CHARGE: THE CROWN IN RIGHT OF BRITISH COLUMBIA STRATHCONA REGIONAL DISTRICT CA1567584

REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING

TRANSFERS: NONE

PENDING APPLICATIONS: NONE

\*\*\* CURRENT INFORMATION ONLY - NO CANCELLED INFORMATION SHOWN \*\*\*

Date: 21-Nov-2012 Requestor: (PA13597) TITLE SEARCH PRINT TLOWITSIS FIRST NATION

Time: 09:49:43 Page 001 of 003

Folio:

TITLE - FB373569

VICTORIA

LAND TITLE OFFICE

TITLE NO: FB373569

FROM TITLE NO: CA1567553

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 24 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459436

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

CITY OF CAMPBELL RIVER

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-836

LOT 7 SECTION 34 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

# LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567565 OVER LOT 3, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567566 OVER LOT 4, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567567 OVER LOT 5, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567568 OVER LOT 6, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567570 OVER LOT 8, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567575 OVER LOT 13,

Date: 21-Nov-2012 TITLE SEARCH PRINT Requestor: (PA13597)

TLOWITSIS FIRST NATION

Time: 09:49:43 Page 003 of 003

Folio:

TITLE - FB373569

UNDERSURFACE RIGHTS

J88300

1980-09-11 10:12

REGISTERED OWNER OF CHARGE:

HER MAJESTY THE QUEEN IN

RIGHT OF THE PROVINCE OF

BRITISH COLUMBIA

J88300

REMARKS: INTER ALIA

TRANSFER OF PART OF 48537G

COVENANT

EH75771

1994-06-02 14:19

REGISTERED OWNER OF CHARGE:

HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA

REGIONAL DISTRICT OF COMOX STRATHCONA

EH75771

REMARKS: INTER ALIA

LAND TITLE ACT SECTION 215

RESTRICTIVE COVENANT

CA1567569 2010-05-18 16:53

REMARKS: APPURTENANT TO LOTS 1 TO 6 AND 8 TO 16,

PLAN EPP5703 AND THE NORTH 1/2 OF THE

NORTH EAST 1/4 SECTION 29 TOWNSHIP 4

COMOX DISTRICT PLAN 552C

COVENANT

CA1567584 2010-05-18 16:53

REGISTERED OWNER OF CHARGE:

THE CROWN IN RIGHT OF BRITISH COLUMBIA

STRATHCONA REGIONAL DISTRICT

CA1567584

REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING

TRANSFERS: NONE

PENDING APPLICATIONS: NONE

\*\*\* CURRENT INFORMATION ONLY - NO CANCELLED INFORMATION SHOWN \*\*\*

Date: 21-Nov-2012 Requestor: (PA13597) TITLE SEARCH PRINT

TLOWITSIS FIRST NATION

Folio:

TITLE - FB373570

Time: 09:51:24 Page 001 of 004

VICTORIA

LAND TITLE OFFICE

FROM TITLE NO: FB373570 FROM TITLE NO: CA1567554

APPLICATION FOR REGISTRATION RECEIVED ON: 21 SEPTEMBER, 2010

ENTERED: 24 SEPTEMBER, 2010

REGISTERED OWNER IN FEE SIMPLE:

TIMBERWEST FOREST III LIMITED, INC.NO. BC459436

THIRD FLOOR, 856 HOMER STREET

VANCOUVER, BC

V6B 2W5

TAXATION AUTHORITY:

COURTENAY ASSESSMENT AREA CITY OF CAMPBELL RIVER

CITT OF CAMPBELL KIVE

DESCRIPTION OF LAND:

PARCEL IDENTIFIER: 028-232-844

LOT 8 SECTION 34 TOWNSHIP 4 COMOX DISTRICT PLAN EPP5703

LEGAL NOTATIONS:

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567563 OVER LOT 1, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567564 OVER LOT 2, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567565 OVER LOT 3, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567566 OVER LOT 4, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567567 OVER LOT 5, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567568 OVER LOT 6, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567569 OVER LOT 7, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567571 OVER LOT 9, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567572 OVER LOT 10, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567573 OVER LOT 11, PLAN EPP5703

HERETO IS ANNEXED RESTRICTIVE COVENANT CA1567574 OVER LOT 12, PLAN EPP5703

Date: 21-Nov-2012

TITLE SEARCH PRINT Requestor: (PA13597) TLOWITSIS FIRST NATION

Folio: TITLE - FB373570 Time: 09:51:24 Page 003 of 004

REMARKS: INTER ALIA

CROWN GRANT DATED 04/10/1905 PART FORMERLY LOT A PLAN VIP59037

UNDERSURFACE RIGHTS

J88300 1980-09-11 10:12

REGISTERED OWNER OF CHARGE:

HER MAJESTY THE QUEEN IN

RIGHT OF THE PROVINCE OF

BRITISH COLUMBIA

J88300

REMARKS: INTER ALIA

TRANSFER OF PART OF 48537G

PART FORMERLY LOT A PLAN VIP59037

UNDERSURFACE RIGHTS

L42700

1982-06-22 10:40

REGISTERED OWNER OF CHARGE:

HER MAJESTY THE QUEEN IN

RIGHT OF THE PROVINCE OF

BRITISH COLUMBIA

L42700

REMARKS: INTER ALIA

TRANSFER OF PART OF 48537G

PART FORMERLY THE WEST 1/2 OF THE SOUTH WEST 1/4

OF SECTION 34 TOWNSHIP 4 COMOX DISTRICT PLAN 552C

# COVENANT

EH75771 1994-06-02 14:19

REGISTERED OWNER OF CHARGE:

HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA

REGIONAL DISTRICT OF COMOX STRATHCONA

EH75771

REMARKS: INTER ALIA

LAND TITLE ACT SECTION 215

PART FORMERLY LOT A PLAN VIP59037

# RESTRICTIVE COVENANT

CA1567570 2010-05-18 16:53

REMARKS: APPURTENANT TO LOTS 1 TO 7 AND 9 TO 16,

PLAN EPP5703 AND THE NORTH 1/2 OF THE

NORTH EAST 1/4 SECTION 29 TOWNSHIP 4

COMOX DISTRICT PLAN 552C

# COVENANT

CA1567584 2010-05-18 16:53

REGISTERED OWNER OF CHARGE:

THE CROWN IN RIGHT OF BRITISH COLUMBIA

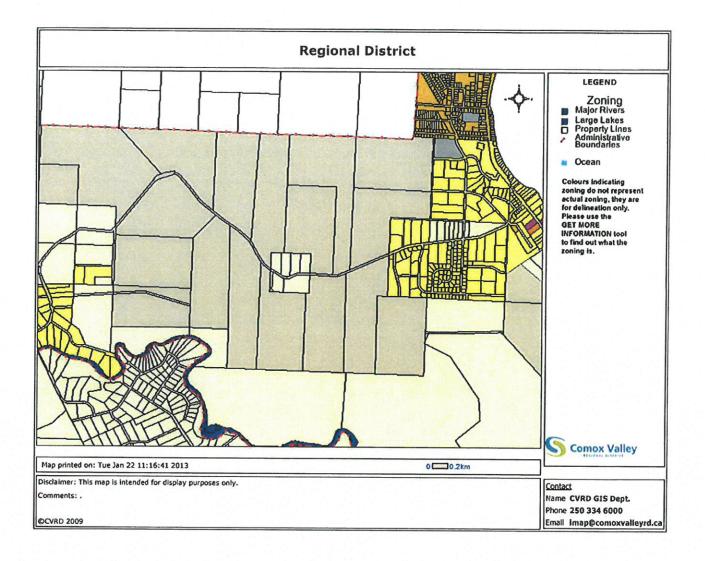
STRATHCONA REGIONAL DISTRICT

CA1567584

REMARKS: INTER ALIA

"CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 28, L.T.A."

DUPLICATE INDEFEASIBLE TITLE: NONE OUTSTANDING





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For: [ PC54841 ] [ SLR CONSULTING (CANADA) LTD. ]

10:13:58 AM

As Of: JAN 13, 2013

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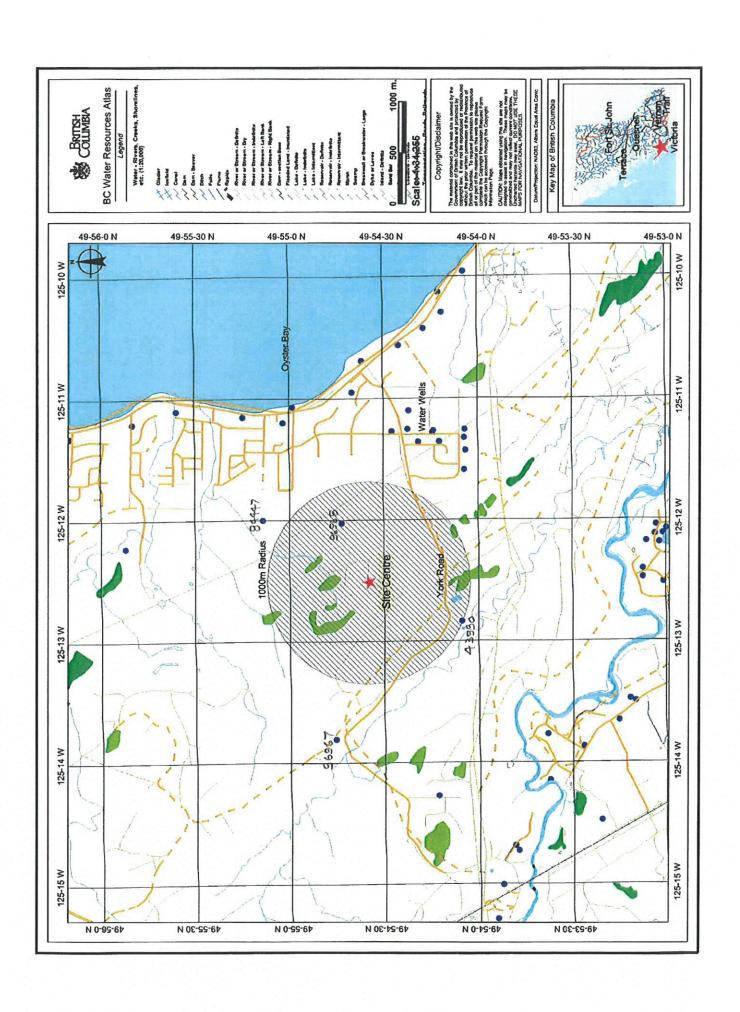
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BC OnLine Mallbox

OLSRDL32A-Select reports by selecting Synopsis or Detail 5 records selected for 5.0 km from latitude 49 deg, 54 min, 39 sec and Longitude 125 deg, 12 min, 26 sec

# FEES ARE APPLICABLE FOR EACH SELECTION, SYNOPSIS AND DETAIL REPORT PLEASE REFER TO PRICE LIST

Select Report:	Site ID	Updated	Address/City
	0001808	04SEP28	71 WASHINGTON DRIVE
			CAMPBELL RIVER
	0004426	03MAR07	3913 WAVECREST ROAD
			CAMPBELL RIVER
	0009661		3690 SOUTH ISLAND HIGHWAY
			CAMPBELL RIVER
	0011906	11JAN20	2299 AIRPORT ROAD
			CAMPBELL RIVER
	0013324		3683 OCEAN GROVE ROAD
			CAMPBELL RIVER





Construction Date: 2009-11-23 00:00:00.0 Well Tag Number: 96968 Driller: Drillwell Enterprises Well Identification Plate Number: 28244 Owner: TIMBER WEST FOREST CORP Plate Attached By: ALAN HOLMSTRUP Where Plate Attached: TO CASING Address: YORK ROAD PRODUCTION DATA AT TIME OF DRILLING: Area: BLACK CREEK Well Yield: .16 (Driller's Estimate) U.S. Gallons per Minute Development Method: WELL LOCATION: Pump Test Info Flag: N COMOX Land District Artesian Flow: District Lot: Plan: 552C Lot: 7 Artesian Pressure (ft): Township: Section: 34 Range: Static Level: Indian Reserve: Meridian: Block: Quarter: WATER QUALITY: Island: VANCOUVER ISLAND Character: BCGS Number (NAD 27): 092F095111 Well: Colour: Odour: Class of Well: Water supply Well Disinfected: N Subclass of Well: Domestic EMS ID: Orientation of Well: Vertical Water Chemistry Info Flag: N Field Chemistry Info Flag: Status of Well: New Well Use: Private Domestic Site Info (SEAM): Observation Well Number: Observation Well Status: Water Utility: Construction Method: Water Supply System Name: Water Supply System Well Name: Diameter: inches Casing drive shoe: N Y Well Depth: 100 feet SURFACE SEAL: Elevation: 194 feet (ASL) Flag: Y Final Casing Stick Up: 12 inches Material: Bentonite clay Well Cap Type: WELD ON Method: Poured Bedrock Depth: 16.5 feet Depth (ft): 16 feet Lithology Info Flag: Y Thickness (in): 2 inches File Info Flag: N Liner from feet Sieve Info Flag: N Screen Info Flag: N WELL CLOSURE INFORMATION: Reason For Closure: Site Info Details: Method of Closure: Other Info Flag: Closure Sealant Material: Other Info Details: Closure Backfill Material: Details of Closure: Slot Size to feet Screen from Type Material Casing from to feet Diameter Drive Shoe 18.5 6 Steel 10 null N 16

# GENERAL REMARKS:

## LITHOLOGY INFORMATION:

From 0 to 4 Ft. Loose SAND & GRAVEL brown

From 4 to 16.5 Ft. green till

From 165.5 to 100 Ft. Medium BEDROCK SANDSTONE green

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# Information Disclaimer



```
Construction Date: 1979-12-13 00:00:00.0
Well Tag Number: 43990
                                            Driller: J. B. Caswell Drilling
Owner: R WILSON
                                            Well Identification Plate Number:
                                            Plate Attached By:
Address: YORK RD
                                            Where Plate Attached:
Area: COURTENAY
                                             PRODUCTION DATA AT TIME OF DRILLING:
                                                             4 (Driller's Estimate) Gallons per Minute (U.S./Imperial)
                                            Well Yield:
                                            Development Method:
WELL LOCATION:
                                            Pump Test Info Flag:
COMOX Land District
District Lot: Plan: 31243 Lot: 5
                                            Artesian Flow:
Township: 4 Section: 33 Range:
                                            Artesian Pressure (ft):
Indian Reserve: Meridian: Block:
                                            Static Level:
Quarter:
                                            WATER QUALITY:
Island:
BCGS Number (NAD 27): 092F094222 Well: 1
                                           Character:
Class of Well:
                                            Odour:
Subclass of Well:
                                            Well Disinfected: N
                                            EMS ID:
Orientation of Well:
                                            Water Chemistry Info Flag:
Status of Well: New
Well Use: Private Domestic
                                             Field Chemistry Info Flag:
Observation Well Number:
                                            Site Info (SEAM):
Observation Well Status:
                                            Water Utility:
Construction Method: Drilled
                                            Water Supply System Name:
Water Supply System Well Name:
Diameter: 4.5 inches
Casing drive shoe:
Hell Depth: 226 feet
                                            SURFACE SEAL:
Elevation:
              0 feet (ASL)
Final Casing Stick Up: inches
                                            Flag:
                                            Material:
Well Cap Type:
Bedrock Depth: 84 feet
                                             Method:
Lithology Info Flag:
                                             Depth (ft):
File Info Flag:
                                            Thickness (in):
Sieve Info Flag:
                                            WELL CLOSURE INFORMATION:
Screen Info Flag:
                                            Reason For Closure:
Site Info Details:
                                            Method of Closure:
                                            Closure Sealant Material:
Other Info Flag:
                                            Closure Backfill Material:
Other Info Details:
                                             Details of Closure:
                                                                          Slot Size
                         to feet
                                                 Type
Screen from
                                                                         Material
                                                                                                  Drive Shoe
                        to feet
                                                 Diameter
Casing from
GENERAL REMARKS:
 GOOD QUALITY AND QUANTITY. SINGLE DOMESTIC USE. NOTE LITTLE OYSTER RIVER TO SOUTH.
LITHOLOGY INFORMATION:
         0 to
                   3 Ft.
                           boulder till
From
                  11 Ft.
From
         3 to
                           brown clay
                  42 Ft.
                           brown clay boulder till
         11 to
From
         42 to
                  84 Ft.
                           clay gray boulder till
From
From
        84 to
                 150 Ft.
                           bedrock - shale
From
        150 to
                 152 Ft.
                            coal
From
        152 to
                 191 Ft.
                           bedrock - shale
        191 to
                 194 Ft.
From
                           coal
                 211 Ft.
        194 to
                           bedrock - shale
From
        211 to
                 214 Ft.
                           coal
From
 From
       214 to
                 226 Ft.
                           bedrock - shale
From
         0 to
                   0 Ft.
                           water is in the bedrock has 3 layers of
From
          0 to
                   0 Ft.
          0 to
                   0 Ft.
                           coal in bedrock
 From
                   0 Ft.
 From
                           111' - 226' open hole
          0 to
                   0 Ft.
```

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### Information Disclaimer



Construction Date: 2009-11-17 00:00:00.0 Well Tag Number: 96967 Driller: Drillwell Enterprises Well Identification Plate Number: 28243 Owner: TIMBERWEST FOREST CORP Plate Attached By: ALAN HOLMSTRUP Where Plate Attached: TO CASING Address: YORK ROAD PRODUCTION DATA AT TIME OF DRILLING: Area: 2 (Driller's Estimate) U.S. Gallons per Minute Well Yield: Development Method: Air lifting WELL LOCATION: Pump Test Info Flag: N COMOX Land District Artesian Flow: District Lot: Plan: 552C Lot: 2 Artesian Pressure (ft): Township: Section: 33 Range: Static Level: 100 feet Indian Reserve: Meridian: Block: Ouarter: WATER QUALITY: Island: VANCOUVER ISLAND Character: BCGS Number (NAD 27): 092F094223 Well: Colour: Odour: Class of Well: Water supply Well Disinfected: N Subclass of Well: Domestic EMS ID: Orientation of Well: Vertical Water Chemistry Info Flag: N Status of Well: New Field Chemistry Info Flag: Well Use: Private Domestic Site Info (SEAM): Observation Well Number: Observation Well Status: Water Utility: Construction Method: Water Supply System Name: Diameter: inches Casing drive shoe: N Y Water Supply System Well Name: Well Depth: 240 feet Elevation: 319 feet (ASL) SURFACE SEAL: Flag: N Final Casing Stick Up: 12 inches Material: Bentonite clay Well Cap Type: WELD ON Bedrock Depth: 117 feet Method: Poured Depth (ft): 16 feet Lithology Info Flag: Y Thickness (in): 2 inches File Info Flag: N Liner from To: feet Sieve Info Flag: N Screen Info Flag: N WELL CLOSURE INFORMATION: Reason For Closure: Site Info Details: Method of Closure: Other Info Flag: Closure Sealant Material: Other Info Details: Closure Backfill Material: Details of Closure: Slot Size Screen from to feet Type Diameter Material Drive Shoe to feet Casing from 120 Steel 10 null N GENERAL REMARKS: LITHOLOGY INFORMATION: 0 to 7 Ft. Loose brown sandy gravel From 7 to 22 Ft. WITH COBBLES green till Hard From 67 Ft. SAND & GRAVEL VERY SILTY 22 to From 72 Ft. COARSE SAND & SILTY GRAVEL 67 to From 79 Ft. 72 to SAND & GRAVEL VERY SILTY From WITH GRAVEL & COBBLES till SAND & GRAVEL VERY SILTY silty From 79 to 111 Ft. 117 Ft. 111 to From From 117 to 240 Ft. BEDROCK SANDSTONE 2 U.S. Gallons per Minute 230 FRACTURE

- Return to Main
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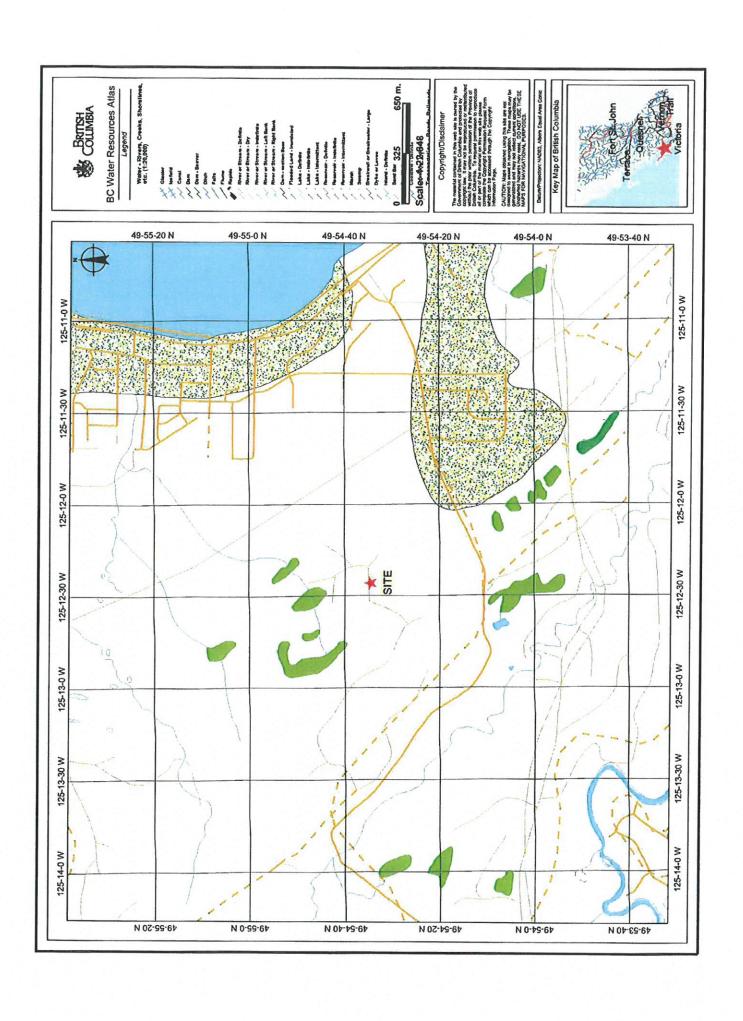
### Information Disclaimer



```
Construction Date: 2003-08-18 00:00:00.0
Well Tag Number: 84447
                                               Driller: Drillwell Enterprises
                                               Well Identification Plate Number:
Owner: TIMBERWEST FOREST CORP
                                               Plate Attached By:
                                               Where Plate Attached:
Address:
                                               PRODUCTION DATA AT TIME OF DRILLING:
Area: S SIDE OF JUBILEE PKWY NEAR CR AIRPORT
                                               Well Yield:
                                                              25 (Driller's Estimate) U.S. Gallons per Minute
                                               Development Method:
WELL LOCATION:
                                               Pump Test Info Flag: N
COMOX Land District
                                               Artesian Flow:
District Lot: Plan: 552 Lot: 1
                                               Artesian Pressure (ft):
Township: 1 Section: 18 Range:
                                               Static Level:
Indian Reserve: Meridian: Block:
Quarter:
                                               WATER QUALITY:
Island:
                                               Character:
BCGS Number (NAD 27): 092F095113 Well: 4
                                               Colour:
                                               Odour:
Class of Well:
                                               Well Disinfected: N
Subclass of Well:
                                               EMS ID:
Orientation of Well:
                                               Water Chemistry Info Flag: N
Status of Well: New
                                               Field Chemistry Info Flag:
Well Use: Commercial and Industrial
                                               Site Info (SEAM): N
Observation Well Number:
Observation Well Status:
                                               Water Utility: N
Construction Method: Drilled
                                               Water Supply System Name:
Diameter: 6.00 inches
                                               Water Supply System Well Name:
Casing drive shoe:
Well Depth: 72 feet
                                               SURFACE SEAL:
Elevation:
                 feet (ASL)
                                               Flag: Y
Final Casing Stick Up: inches
                                               Material: Bentonite clay
Well Cap Type:
                                               Method: Poured
Bedrock Depth:
                feet
                                               Depth (ft):
Lithology Info Flag: Y
                                               Thickness (in):
File Info Flag: N
                                               Liner from
                                                                To:
                                                                           feet
Sieve Info Flag: N
Screen Info Flag: Y
                                               WELL CLOSURE INFORMATION:
                                               Reason For Closure:
Site Info Details:
                                               Method of Closure:
Other Info Flag:
                                               Closure Sealant Material:
Other Info Details:
                                               Closure Backfill Material:
                                               Details of Closure:
Screen from
                      to feet
                                                                   Slot Size
54.5
                      72
Casing from
                      to feet
                                             Diameter
                                                                   Material
                                                                                         Drive Shoe
GENERAL REMARKS:
 WELDED LID AFTER CHLORONATION. DRILLED 10
                                              TO 15'. INSTALLED BENTONITE SEAL & PU
LITHOLOGY INFORMATION:
         0 to
                          SAND, SILTY, SOME GRAVEL BRN
                 12 Ft.
From
                          SILT, GRAY VERY SOFT
                 35 Ft.
        12 to
From
                          SAND, FINE, BRN
From
        35 to
                 73 Ft.
From
        73 to
                 76 Ft.
                          SAND STONE GRAY
```

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# Information Disclaimer





# global environmental solutions

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115 Joseph Zatzman Drive Dartmouth, NS B3B 1N3 Canada

Tel: (902) 420-0040 Fax: (902) 420-9703

Nanaimo, BC

#9-6421 Applecross Road Nanaimo, BC V9V 1N1 Canada

Tel: (250) 390-5050 Fax: (250) 390-5042

Sydney, NS

P.O. Box 791, Station A 107B-45 Wabana Court Sydney, NS B1P 6J1 Canada

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9943 100th Avenue Fort St. John, BC V1J 1Y4 Canada

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