DRAFT REPORT

METLAKATLA FIRST NATION

Phase I Environmental Site Assessment

Submitted to:

Metlakatla First Nation Box 459 Prince Rupert, BC V8J 3R2



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The Executive Summary highlights key points from the report only; for complete information and findings, as well as the limitations, the reader should examine the complete report.

Executive Summary

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Golder Associates Ltd. (Golder) for the Metlakatla First Nation and Aboriginal Affairs and Northern Development Canada (AANDC). The Phase I ESA was focused on the nine Reserves located in Skeena-Queen Charlotte District, BC, herein referred to as "the Reserves".

The purpose of the Phase I ESA was to identify areas of potential environmental concern (APECs) associated with present and historic activities on the Reserve, and its immediate surroundings, along with associated potential environmental contaminants of concern (PCOCs). Golder understands that the Phase I ESA is occurring in support of transferring of the management of the First Nations' lands and resources from the Government of Canada to the First Nation.

Golder conducted a review of historical and regulatory records, reviewed previous reports, conducted interviews with persons knowledgeable of the Reserve and its history, and conducted a field reconnaissance. Twelve APECs were identified at the Reserves. The table below summarizes the APECs, PCOCs and recommended action.





Site/Area	PCOCs	Description of Contamination or Risk	Recommended Action
S1/2 Tsimpsean 2			
APEC 1 – Gravel Pit	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	ASTs present on-site currently and historically. Presence of secondary containment not noted.	Test pit or drilling assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 2 – Abandoned Motorboats and Refuse on Carolina Island Shoreline	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Abandoned boats, discarded fuel tanks, batteries, and engines present on island shoreline.	Test pit or drilling assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 3 – Abandoned Motorboats and Refuse on Metlakatla Village Shoreline	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Abandoned boats, fuel tanks, batteries, and engines present on island.	Test pit or drilling assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 4 – Work Shop	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Chemical and fuel storage present, and hydrocarbon-like staining observed.	Test pit assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 5 – Old Oil Shed #1	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Reported possible leakage of more than 200 L of oil historically at the shed.	Test pit or drilling assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 6 – Old Oil Shed #2	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Reported possible leakage of more than 200 L of oil historically at the shed. Shed no longer present; last used more than five years ago.	Test pit or drilling assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 7 - Band Office	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Drums near the Band office previously stored without a containment system. Possible pit behind the Band office previously used for disposal of various waste and refuse.	Test pit assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 8 - Fuel Storage Building (Transfer Station)	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Drums storing various fuels (i.e., mid-grade fuel, diesel, used oil) observed. Hydrocarbon-like staining observed on the storage building concrete floor.	Test pit assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 9 - Former Maintenance Building and ASTs (Digby Island)	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Maintenance building and ASTs associated with aviation (used by Shell Canada Limited) demolished and removed a couple years previously. Assessment not completed following removal to determine condition of media at that time.	Test pit assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 10 - Former Firing Range (Digby Island)	Soil: metals Groundwater: metals	Located on Digby Island at Dundas Point. Used as a firing range throughout WWII. Possible presence of historical bullets and shells throughout area.	Test pit assessment of soil quality. Follow-up borehole drilling to determine extent and assess groundwater quality, if necessary.
APEC 11 - PCB-Containing Transformers	Soil: PCBs Groundwater: PCBs	Along roadway of S1/2 Tsimpean 2, near former small-scale electrical generating station; specific location unknown. Possible PCB-containing transformers left along roadside for many years. Transformers may have rusted or been damaged, with potential for leaks from transformers to ground surface. Transformers no longer present.	Obtain additional information to determine where the transformers were located. If transformer storage location is identified, complete surficial soil sampling in area.
Wilnaskancaud 3			
APEC 12 – Petro-Canada Service Station - Gas Bar, Rock Drainage Pit	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Possible leaks and spills from ongoing vehicle fuelling activities at the gas bar may have impacted soil, groundwater, and soil vapour quality. Possible impacts from discharge of stormwater to the rock drainage pit and	Soil vapour survey to assess subsurface conditions in the fuel dispensing areas. Additional investigation work to evaluate possible impacts to groundwater, if necessary. Soil vapour survey to assess subsurface conditions in the fuel storage areas. Additional investigation work to evaluate possible impacts to groundwater, if necessary.
and AST Area	Vapour: CWS PHC F1, BTEX, VPH and methane	potential leaks and spills during fuel transfer and use of ASTs.	Soil and soil vapour investigation of the rock drainage pit area. If contamination is present, complete additional investigation for possible impacts to groundwater. Determine whether fuel tanks are registered in accordance with the Canadian Environmental Protection Act's Petroleum and Allied Petroleum Products Storage Tanks Regulations.

AST = above ground storage tank
BTEX = benzene, toluene, ethylbenzene, xylenes
CWS PHC F1 – F4 = Canada Wide Standard Petroleum Hydrocarbons, Fractions 1 – 4

PAH = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

VPH = volatile petroleum hydrocarbons





Golder also identified the following housekeeping issues and other environmental concerns:

- Miscellaneous refuse was observed in the area of a cabin and fire pit at Tugwell Island 21, along shoreline areas at Tuck Inlet 89, and around a cabin at Squaderee 91. The refuse generally included residential garbage and debris, generators, a boat motor, jerry cans, empty drums and small ASTs, and appliances.
 - Golder recommends that housekeeping practices be modified including removing and disposing refuse from shoreline and cabin areas and/or removing and properly disposing materials that are no longer in use at appropriate off-site locations.
- Sewage outfalls were located near the southern point of S1/2 Tsimpsean 2, at a point on the shoreline above the low tide line. Previous investigations have recommended that the outfalls be extended to a point beyond the low tide line to reduce potential impacts to human and ecological receptors. A new lagoon system is currently under construction for treatment of sewage and should be completed in 2015. The sewage lagoon project was initiated to ensure that wastewater regulations governing ocean discharge are met. Completion of the lagoon project should address this concern.





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APPENDIX A

Environment Canada Canadian Climate Normals 1981 – 2010

APPENDIX B

Current and Historical Information and Regulatory Records Search Results

APPENDIX C

Review of Aerial Photographs

APPENDIX D

Reserve Reconnaissance Photographs







List of Acronyms and Abbreviations

AANDC Aboriginal Affairs and Northern Development Canada

ACM asbestos containing materials

AMS Authorization Management System – formerly WASTE

APEC area of potential environmental concern

AST aboveground storage tank

AUWR Automobile Wrecking & Supplies

BC British Columbia

bgs below ground surface

BTEX benzene, toluene, ethylbenzene, xylenes

°C degrees Celsius

CCME Canadian Council of Ministers of the Environment

cm centimetre

CMT culturally modified tree

CSA Canada Standards Association
CSR Contaminated Sites Regulation
DIS wastewater discharge inventory

DSI detailed site investigation

EIIS Environmental Issues Inventory System

ERIS EcoLog ERIS

ESA Environmental Site Assessment

FCS Federal Contaminated Sites

FNESS First Nations' Emergency Services Society

ft foot

GEN waste generators summary

Golder Associates Ltd.

GPM gallon per minute

ha hectare

HAL Hardy Associates Ltd.

HEPH heavy extractable petroleum hydrocarbons

HWC Health and Welfare Canada

IEMS integrated environmental management system





IL industrial land use

ILRS Indian Land Registry System

InfoAction InfoAction Information and Research Centre

JMC Joint Management Committee

kg kilogram km kilometre L litres

LEPH light extractable petroleum hydrocarbons

m metre

m³ cubic metre

MFN Metlakatla First Nation

mm millimetres

MNR minerals deposit database
MoE Ministry of Environment

N north

NEES National Environmental Emergencies System

PAH polycyclic aromatic hydrocarbons

PCB polychlorinated biphenyls

PCOCs potential contaminants of concern

PGL Pottinger Gaherty Ltd.
PHC petroleum hydrocarbons

PHCL Pacific Hydrology Consultants Ltd.

PSI preliminary site investigation
REC Waste Receivers Summary

s second

TRICORP Tribal Resources Investment Corporation
Triton Triton Environmental Consultants Ltd.
UFFI urea formaldehyde foam insulation

UST underground storage tank

W west

WDS Waste Disposal Site Inventory
WWIS Water Well Information System



1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by Golder Associates Ltd. (Golder) for the Metlakatla First Nation (MFN) and Aboriginal Affairs and Northern Development Canada (AANDC). The Phase I ESA was focused on the nine Reserves located near Prince Rupert, BC, herein referred to as "the Reserves" (see Figure 1):

- S1/2 Tsimpsean 2 (3,270 hectares [ha]);
- Wilnaskancaud 3 (2.3 ha);
- Shoowahtlans 4 (0.5 ha);
- Tugwell Island 21 (126.2 ha);
- Tuck Inlet 89 (1.6 ha);
- Rushton Island 90 (6.8 ha);
- Squaderee 91 (2.2 ha);
- Avery Island 92 (20.4 ha); and
- Edye 93 (0.4 ha).

Authorization to proceed with the Phase I ESA was provided on October 17, 2014, by Mr. Philip Clement of the MFN. The work was conducted in accordance with the Statement of Work received on September 11, 2014, as part of the request for proposals for a Phase I ESA at the Reserves.

1.1 Purpose

The purpose of the Phase I ESA was to identify areas of potential environmental concern (APECs) associated with present and historic activities on the Reserves, and their immediate surroundings, along with associated potential environmental contaminants of concern (PCOCs). Golder understands that the Phase I ESA is occurring in support of transferring the management of the First Nations' lands and resources from the Government of Canada to the First Nation.

1.2 Scope of Work

The scope of work for this investigation was documented in Golder's proposal P1413510-001-WP-Rev0 dated September 29, 2014. The scope of the Phase I ESA is sufficient to identify environmental liabilities which are apparent based on visual examination of surface features on the Reserves, or from available sources of historical information reviewed during this assessment. A hazardous building materials assessment was not conducted as part of the assessment.

The Phase I ESA was conducted in accordance with the Canadian Standards Associations (CAN/CSA) Z768-01 (reaffirmed 2012), which provides a standard of practice for conducting Phase I ESAs.

The Phase I ESA included undertaking the following tasks:



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PHASE I ESA - METLAKATLA FIRST NATION

Task 1 – Reserve History, Background Data Collection and Evaluation

Golder reviewed and evaluated pertinent available data to investigate historical uses and properties immediately surrounding the Reserves, and to identify known and potential sources of contamination on the Reserves and adjacent properties. Where warranted, and available, the following data sources were reviewed:

- A selection of historical aerial photographs from the University of British Columbia Geographic Information Centre Aerial Photograph Library;
- BC Ministry of Environment (MoE) Site Registry database;
- Geologic maps;
- Canadian Climate Normals reports from Environment Canada;
- BC Water Resources Atlas, including water well records;
- A search and review of available database records provided by EcoLog ERIS (ERIS), an environmental risk information service provider;
- Fire insurance reports from Opta Environmental Services;
- Pertinent technical documents provided by AANDC and information provided by the Joint Management Committee (JMC) including records identified in a search of Integrated Environmental Management System (IEMS); and
- Land title information search through the Indian Land Registry System (ILRS).

Task 2 – Reserve Reconnaissance and Interviews

As part of the Phase I ESA Golder conducted interview(s) with person knowledgeable about the activities at or adjacent to the Reserves and a reconnaissance of the Reserves and surrounding areas to corroborate indications of potential environmental concern identified during the review of historical information. Golder also gathered visual evidence of other potential environmental issues that may exist at the Reserves and, where applicable, on accessible adjacent properties. A reconnaissance that included a walkover of the accessible portions of the Reserves was completed from December 15 to 17, 2014, by Mr. Konane Dion-Belair of Golder with the assistance of Ms. Janine Robinson, the First Nations assistant, and representatives of the MFN. The assessment included cursory observations of the neighbouring land uses but did not constitute a rigorous evaluation of residential properties, interiors of buildings or adjacent properties.

Task 3 – Report Preparation

The final task of the Phase I ESA was the preparation of this report documenting the results of the investigation.





2.0 PHYSICAL RESERVE DESCRIPTION

2.1 Key Reserve Information

The Reserves are located on Federal Crown land, which has been set aside for the benefit and use of the MFN, located in the Skeena-Queen Charlotte District. Refer to Figures 1, 2 and 3 for the relative locations of the Reserves.

Based on the information provided by the MFN, the Reserves compromise approximately 3,430 ha of land. Key Reserve information is provided in Table 1.

2.2 Regional Setting and Climate

The historical climate averages were obtained from Government of Canada Weather Office Canadian Climate Normals, 1981 – 2010 database (Appendix A). Golder referred to weather data from station Prince Rupert A (site number 1066481), located approximately:

- At the southeastern corner of S1/2 Tsimpsean 2;
- Nine kilometres (km) west of Wilnaskancaud 3;
- 10 km west southwest of Shoowahtlans 4;
- Seven km east southeast of Tugwell Island 21;
- 16 km south southwest of Tuck Inlet 89;
- 28 km east of Rushton Island 90;
- 30 km northeast of Squaderee 91;
- 25 km east northeast of Avery Island 92; and
- 29 km north northeast of Edye 93.

The regional climate in the Prince Rupert area is generally temperate with cool wet winters (lowest daily average of 2.4 degrees Celsius [°C] in January) to warm moist summers (averaging approximately 13.8°C in August). The average monthly precipitation at the Prince Rupert A weather station ranged from 108.7 millimetres (mm) in June to 373.4 mm in October. The average annual precipitation reported was approximately 2530 mm, including 92 centimetres (cm) of snow. Refer to Appendix A for additional details.





Table 1: Key Reserve Information

Common Name	S1/2 Tsimpsean 2	Wilnaskancaud 3	Shoowahtlans 4	Tugwell Island 21	Tuck Inlet 89	Rushton Island 90	Squaderee 91	Avery Island 92	Edye 93
Reserve Description	Portions are developed and occupied (primary residence of the MFN); majority of Reserve area forested. Multiple industrial activities.	Reserve is developed and used for commercial activities.	Reserve is forested and undeveloped.	Reserve a mix of forested and clearings and is undeveloped except for a few cabins.	Reserve is forested and undeveloped.	Reserve is forested and undeveloped.	Reserve is forested and undeveloped with the exception of one cabin.	Reserve is forested and undeveloped.	Reserve is forested and undeveloped.
Current Title Holders	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)	Crown (Federal)
Latitude (Approx. Centre)	54° 20' 46" N	54° 18' 53" N	54° 19' 37" N	54° 19' 45" N	54° 26′ 19″ N	54° 15' 15" N	54° 8' 36" N	54° 12' 42" N	54° 3′ 50″ N
Longitude (Approx. Centre)	130° 25' 55" W	130° 15' 59" W	130° 15' 27" W	130° 30' 26" W	130° 19' 38" W	130° 49' 42" W	130° 47' 23" W	130° 45' 30" W	130° 34' 44" W
Reserve Area	Approx. 3,270 ha	Approx. 2.3 ha	Approx. 0.5 ha	Approx. 126.2 ha	Approx. 1.6 ha	Approx. 6.8 ha	Approx. 2.2 ha	Approx. 20.4 ha	Approx. 0.4 ha
Regional Geology	Early Paleozoic / Mesozoic metasedimentary or weakly metamorphosed volcanic rocks	Paleozoic biotite hornblende gneiss and amphibolite	Early Paleozoic / Mesozoic metasedimentary rocks of amphibolite facies	Recent stratified alluvium	Early Paleozoic / Mesozoic metasedimentary rocks of greenschist facies	Early Paleozoic / Mesozoic weakly metamorphosed volcanic rocks.	Plutonic quartz diorite, minor diorite, and granodiorite.	Early Paleozoic / Mesozoic schistose metavolanic rocks.	Early Paleozoic / Mesozoic schistose metavolanic rocks.

N = north W = west Ha = hectares



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2.3 Hydrogeology

The S1/2 Tsimpsean 2 is split into a north and south section by the Metlakatla Pass. The northern portion is bordered by Chatham Sound to the west and Metlakatla Pass to the south. Tsook Lake is located in the centre of the northern portion of the Reserve. Local topography generally slopes down from the northeastern portion of the Reserve to the south and west coastlines. The inferred groundwater flow direction is to the south and west. The southern portion of the Reserve is located on Digby Island, bordered by the Metlakatla Pass to the north and the Hecate Strait to the east. Local topography varies with the lowest elevations along the coastline. Regional groundwater flow is inferred to be towards the coastlines.

Wilnaskancaud 3 is bounded by Grassy Bay to the east; local topography generally slopes from the western boundary of the Reserve to the east of the Reserve. Regional groundwater flow is inferred to be to the east towards Grassy Bay.

Shoowahtlans 4 is bounded by shoreline to the east, west, and south. Local topography generally slopes from the north to the south boundary of the Reserve; regional groundwater flow is inferred to be towards the south.

Tuck Inlet 89 is bounded by the Tuck Inlet to the southeast. A small river is located to the northeast of the Reserve. Local topography generally slopes towards the east and groundwater flow is inferred to be east, towards Tuck Inlet.

Tugwell Island 21, Rushton Island 90, Squaderee 91, Avery Island 92, and Edye 93 are islands surrounded by water. Local topography generally slopes towards the shorelines and groundwater flow is inferred to be towards the coasts.

Golder contracted ERIS to conduct a search of the BC Water Resources Atlas (Water Well Information System [WWIS]) to identify water wells located on or in close proximity to S1/2 Tsimpsean 2 and Wilnaskancaud 3. The BC Water Well Atlas was reviewed by Golder on November 4, 2014, to identify water wells that were located on the remaining seven Reserves. Four water wells were identified by EcoLog ERIS on-Reserve at S1/2 Tsimpsean 2; ERIS and Golder did not identify water wells on the remaining Reserves or within 250 metres (m) of the remaining Reserves' boundaries.

Table 2 presents a summary of the water well information at S1/2 Tsimpsean 2. Information on the aquifer(s) underlying the Reserves was not available from the BC Water Resources Atlas.





Table 2: Summary of Water Well Records, S1/2 Tsimpsean 2

Site ID Lat./Long.	Location / Site Name	Database – Report Summary
51942 54.340013°N 130.44101°W	On Reserve, owned by MFN. Domestic water supply system.	Organic material (0 to 2.5 feet [ft] below ground surface [bgs]), clay with boulders (2.5 to 4.9 ft bgs), grey schist with quartz (4.9 to 117 ft bgs). Estimated 1 gallon per minute (GPM) yield.
51922 54.336508°N 130.4537°W	On Reserve, owned by MFN. Domestic water supply system.	Organic material (0 to 2.5 ft bgs), cemented gravel (2.5 to 6 ft bgs), cemented clay (6 to 7.4 ft bgs), fine sand (7.4 to 9.4 ft bgs), clay with cobbles and boulders (9.4 to 13.5 ft bgs), fine sand (13.5 to 18 ft bgs). Zero GPM yield recorded.
51869 54.336536°N 130.455208°W	On Reserve, owned by MFN. Domestic water supply system.	Organic material (0 to 3.4 ft bgs), cemented gravel (3.4 to 6.3 ft bgs), cemented clay (6.3 to 7.3 ft bgs), fine sand (7.3 to 9.7 ft bgs), clay (9.7 to 14.5 ft bgs), medium sand with gravel (14.5 to 17.4 ft bgs), grey schist (17.4 to 21.1 ft bgs). Estimated 20 GPM yield.
51868 54.336484°N 130.456438°W	On Reserve, owned by MFN. Domestic water supply system.	Organic material (0 to 17.4 ft bgs), sandy clay (17.4 to 30 ft bgs), grey schistose (30 to 38 ft bgs). Zero GPM yield recorded.

2.4 Geology

According to the Geological Survey of Canada (Map 1472A), the Reserves are generally underlain by Paleozoic metamorphic and volcanic, Plutonic intrusive, or Recent stratified alluvium (see Table 1).







3.0 HISTORICAL AND REGULATORY RECORDS REVIEW

Details of the history of the Reserve, as reported by the historical and regulatory review, are presented in this section. Copies of information from the obtained during the records review are provided in Appendix B.

3.1 Aerial Photographs

Aerial photographs were reviewed to assess land uses in the area of the Reserves from 1937 onwards, generally in approximately 10 year increments. The aerial photographs were supplied by the University of British Columbia's Geography Department. A review of the aerial photographs is presented below for S1/2 Tsimpsean (Tables 3 and 4) and Wilnaskancaud 3 (Table 5); the review of aerial photographs for the remaining seven Reserves is provided in Appendix C.

Table 3: Summary of S1/2 Tsimpsean 2; North of Metlakatla Pass – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5540:39,41,47,78&79 Black and White	Majority of Reserve is forested with some clearings. Areas of inferred residential development on southernmost peninsula and in the location of the current village of Metlakatla.	The Reserve is bordered by the Metlakatla Pass to the south, the Pacific Ocean to the west, and forested areas to the north and east.
1947 BC432:18,21,48&51 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1963 BC5085-106& BC5084- 041,053&054 Black and White	The Reserve appears generally unchanged from the 1947 photograph.	Large log booms visible in bays adjacent to the southern side of the Reserve.
1977 BC77009- 061,130,131,132&134 Black and White	Area of logging from the area of residential development to the north.	Log booms that were observed in the 1963 photograph are no longer visible.
1987 BC87067-024 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
1992 30BCB92041- 70,150,160,161,162, 163,242&244 Black and White	Additional buildings and clearings in the area of residential development. Loading docks are visible in the centre and east side of the Reserve along the shoreline.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.
1996 30BCB96064-136&137 Black and White	Additional buildings and clearings north of the area of residential development.	The area surrounding the Reserve remains generally unchanged from the 1992 photographs.
2005 ME05410C- 0061,0062&0063 Colour	The Reserve appears generally unchanged from the 1996 photograph.	The area surrounding the Reserve remains generally unchanged from the 1996 photographs.





Table 4: Summary of S1/2 Tsimpsean 2; South of Metlakatla Pass – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area	
1937 A5540-47&60 Black and White	The Reserve is undeveloped with forested areas and sections of clearings	The Reserve is bordered by the Metlakatla Pass to the north and east, Pacific Ocean to the west, and a forested area to the south.	
1947 BC432:21 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.	
1963 BC5084-043&050 Black and White	Roadway enters southeast corner of Reserve. Inferred logging loading station located on shoreline in southwest corner.	Landing strip for aeroplanes visible to the southwest of the Reserve. Areas of logging visible to the south and south west with a roadway connecting these areas to the airstrip and the loading station on the Reserve.	
1977 BC77009-135&056 Black and White	Narrow areas (strips) of logging visible.	Narrow areas (strips) of logging visible to the south.	
1984 BC84067-024 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.	
1992 30BCB92041-69 Black and White	The Reserve appears generally unchanged from the 1984 photograph.	The area surrounding the Reserve remains generally unchanged from the 1984 photographs.	
1996 30BCB96064-125&136 Black and White	The Reserve appears generally unchanged from the 1996 photograph.	The area surrounding the Reserve remains generally unchanged from the 1992 photographs.	
2005 ME05410C-0060&0061 Colour	The Reserve appears generally unchanged from the 2005 photograph.	Inferred residential buildings visible southwest of Reserve and on islands to the east.	





Table 5: Summary of Wilnaskancaud 3 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area	
1937 A5540-39 Black and White	The Reserve is undeveloped and forested, located on Kaien Island.	The Reserve is bordered by the Pacific Ocean to the east, forests to the north and west, and a roadway to the south. A roadway to Prince Rupert is visible to the west, beyond the forested section.	
1947 BC432:64 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.	
1963 BC5085-106 Black and White	The Reserve appears generally unchanged from the 1947 photograph.	The area surrounding the Reserve remains generally unchanged from the 1947 photographs.	
1973 BC5557-190 Black and White	The Reserve appears generally unchanged from the 1963 photograph.	The area surrounding the Reserve remains generally unchanged from the 1963 photographs.	
1977 BC77101-046 Black and White	The Reserve appears generally unchanged from the 1973 photograph.	Large areas have been cleared to the south and west with multiple new roadways visible in these clearings.	
1984 BC84053-157 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	Multiple new buildings visible in the cleared areas to the west and south. New clearings with buildings to the north.	
1996 30BCB96064-119 Black and White	The Reserve appears generally unchanged from the 1984 photograph.	Multiple new buildings visible in the cleared areas to the west, north, and south.	
2005 ME05410C-0027 Colour	Clearing visible on west section of the Reserve.	Multiple new inferred residential buildings visible in the cleared areas to the west, north, and south.	

3.2 Database Search (EcoLog ERIS)

Golder retained EcoLog ERIS (ERIS), an environmental risk information service provider, to conduct a search of available database records in the vicinity of the S1/2 Tsimpsean 2 and Wilnaskancaud 3 Reserves. Golder did not retain ERIS to search databases pertaining to the remaining seven Reserves because of the results of review of preliminary data (namely aerial photographs), the small size and remote nature of the Reserves, and therefore, the inferred low likelihood of identifying relevant records in the databases.

ERIS searched databases relating to waste production and storage, manufacturing, industrial activity, etc. The ERIS search identified those properties in the database located within a 250 m offset from the approximate Reserve boundaries. The results of the search were used to help focus the subsequent field reconnaissance. The full search results provided by ERIS are included as Appendix B.

A total of 43 separate databases were searched by ERIS (list provided in Appendix B); a summary of the pertinent results is provided in Tables 6 and 7, below. The Water Well Information System (WWIS) information is discussed in Section 2.3, above.





Table 6: Results of ERIS Database Search, S1/2 Tsimpsean 2

Site ID Latitude/ Longitude	Location/ Site Name	Database – Report Summary				
Contaminated Site	Contaminated Sites on Federal Land (FCS)					
05083001 54.357356°N 130.445069°W	On-Reserve	Petroleum hydrocarbon (PHC) and polycyclic aromatic hydrocarbon (PAH) contaminant constituents in soil have been identified. Development of a Remediation/Risk Management Strategy is the highest step completed.				
05083002 54.357356°N 130.445058°W	On-Reserve	Nuisance substances in "other medium" have been identified. Optional long term monitoring is the highest step completed.				
05083004 54.357366°N 130.445069°W	On-Reserve	PHCs and PAHs contaminant constituents identified in 6,000 cubic metres (m³) soil. Initial testing program has been completed; additional assessment has been recommended.				
05083003 54.357366°N 130.445058°W	On-Reserve	PHCs and PAHs contaminant constituents identified in "other medium". Optional long term monitoring is the highest step completed.				
00007657 54.360278°N 130.456111°W	On-Reserve	PHCs, PAHs, benzene, toluene, ethylbenzene, and xylenes (BTEX), and metal contaminant constituents have been identified in soil. PAHs and metal contaminant constituents have been identified in groundwater. Development of a Remediation/Risk Management Strategy is the highest step completed.				
00007658 54.360278°N 130.456111°W	On-Reserve	Metal contaminant constituents in soil have been identified. PAHs and metal contaminant constituents have been identified in sediment. BTEX and metal contaminant constituents have been identified in groundwater. An estimated 3,600 m³ of material (7,200 tonnes) over an area of 0.18 ha is affected. Reclassifying using the Canadian Council of Ministers of the Environment (CCME) guidelines is the highest step completed and remediation/additional assessments is the site management strategy.				
00021405 54.335°N 130.4425°W	On-Reserve	Identifying suspect sites is the highest step completed.				
00007656 54.336667°N 130.461944°W	On-Reserve	PHCs, PAHs, BTEX, and metal contaminant constituents have been identified in soil and/or surface soil. BTEX and metal contaminant constituents have been identified in groundwater. A detailed testing program is the highest step completed and additional assessment is the site management strategy.				
00020291 54.33053°N 130.45939°W	On-Reserve	Historical review is the highest step completed.				
00020266 54.3236°N 130.41719°W	On-Reserve	Historical review is the highest step completed.				
00020642 54.31431°N 130.40806°W	On-Reserve	Identifying suspect sites is the highest step completed.				
00020289 54.3103°N 130.40838°W	On-Reserve	Historical review is the highest step completed.				





Site ID Latitude/ Longitude	Location/ Site Name	Database – Report Summary			
00020290 54.3103°N 130.40838°W	On-Reserve	Historical review is the highest step completed.			
00020265 54.31278°N 130.39956°W	On-Reserve	Historical review is the highest step completed.			
Wastewater Discharge Inventory (DIS)					
Permit 5828	On-Reserve	Domestic sewage discharge into marine water (M1)			
Minerals Deposits Database (MNR)					
File 103J 041	On-Reserve (Digby Island)	Graphite identified. Stratabound.			
File 103J 040	On-Reserve (Digby Island)	Limestone identified. Stratabound.			
Environmental Iss	Environmental Issues Inventory System (EIIS)				
7000116198	On-Reserve	Phase III completed regarding aboveground and underground storage tanks (above ground storage tanks [ASTs] and underground storage tanks [USTs])			
7000116198	On-Reserve	Phase III completed regarding asbestoses in maintenance building			
National Environn	National Environmental Emergencies System (NEES)				
NA	On-Reserve (airport ferry landing on Digby Island)	Mineral oil spill from a motor vehicle.			
Waste Disposal S	Waste Disposal Site Inventory (WDS)				
Permit PE-5828(1)	On Reserve	Effluent permit.			





Table 7: Results of ERIS Database Search, Wilnaskancaud 3

Site ID Lat/Long	Location/Site Name	Database – Report Summary					
Automobile Wro	Automobile Wrecking & Supplies (AUWR)						
-	Off-Reserve (195 m southeast) 140 Metlakatla Road	Automobile/car wrecking and recycling.					
Authorization N	Authorization Management System (AMS)						
AS-15543(1)	240/260/280 Kaien Road, BC	Approval for special waste (storage) permit.					
-	Fairview Terminal Highway, Highway 16	Approval for municipal sewage regulation (effluent) permit.					
Waste Receivers Summary (REC)							
Company BCG04156	Off-Reserve (38 m northwest) 251 Kaien Road	Waste: batteries, wet, filled with acid or battery, electric storage, wet.					
Company BCG02841	Off-Reserve (85 m southwest) 5-300 Kaien Road	Waste: paints enamels lacquers, stains, shellac, varnish, polishes, fillers, thinners and batteries, wet, filled with acid or battery, electric storage, wet and aerosols.					
BC Site Registr	у						
11107 54.313889°N 130.268586°W	Off-Reserve (58 m southwest) 271 & 291 Kaien Road	Unranked.					
4900	Off-Reserve (83 m northwest) 240-280 Kaien Road	Former highways maintenance yard. Small site, complex contamination.					
6498 54.506944°N 130.420000°W	Off-Reserve (126 m southwest) 310 Kaien Road	Unranked.					
8298 54.311611°N 130.268806°	Off-Reserve (209 m southwest) Highway 16	ABH General Contracting Biocell Facility. Unranked.					
Inventory of PC	B Storage Sites (PCB)						
BCG00852	Highway 16 East	Storage of 10 kilograms (kg) of waste articles and capacitators containing polychlorinated biphenyls (PCBs).					
National Enviro	nmental Emergencies System (NE	ES)					
-	Metlakatla Ferry Dock	Contaminant: diesel.					
-	BC Hydro Generating Station	Contaminant: 3,500 kg of natural gas leaked due to valve fitting leak.					
-	Metlakatla Water Taxi	Contaminant: 1 L of diesel.					
Waste Generate	ors Summary (GEN)						
BCG02850	Off-Reserve (85 m southwest) 5-300 Kaien Road	Waste: paints enamels lacquers, stains, shellac, varnish, polishes, fillers, thinners.					
BCG02841	Off-Reserve (85 m southwest) 5-300 Kaien Road	Waste: batteries, wet, filled with acid or battery, electric storage, wet.					
BCG01856	Off-Reserve (161 m southeast) 119 Metlakatla Road	Waste: waste batteries, acid filled.					
BCG00852	Highway 16 East	Waste: diesel fuel/water mixture, diesel sludge, used lube & transformer oil, and waste articles & capacitators containing PCBs.					
BCG02826	Highway 16 East	Waste: diesel.					





3.3 Indian Land Registry

Golder conducted a search of available information on title holders and/or historic title information using the online Indian Land Registry Search (ILRS) on November 3, 2014.

The ILRS allows for the search of AANDC records using searches of Tables, Instruments, Reports, Land, and Evidence of Title. A summary of the results of searches of these functions is discussed below and included in Appendix B.

A search of Reserves yielded the following general Reserve information (Table 8).

Table 8: ILRS General Report

Reserve	Reserve Code	Area (ha)	Location
S1/2 Tsimpsean 2	07754	3,270	Skeena District on West Coast of Tsimpsean Peninsula and North End of Digby Island on East Shore of Chatham Sound.
Wilnaskancaud 3	07755	2.30	Coast District, Range 5, on East Shore of Kaien Island, 2 miles East of Prince Rupert.
Shoowahtlans 4	07756	0.50	Coast District, Range 5, West End of Shawattan Lake, North End of Morse Basin, Northeast of Prince Rupert.
Tugwell Island 21	07760	126.2	Coast District, Entire Tugwell Island, Entrance to Venn Pass, 8 Miles West of Prince Rupert.
Tuck Inlet 89	07765	1.60	Coast District, Range 5, Lot 3915, at Head of Tuck Inlet, 10 Milnes North of Prince Rupert.
Rushton Island 90	07766	6.80	Coast District, Range 5, Lot 3915, Entire Rushton Island and 1 Small Island to the North, in Brown Passage, Entrance to Chatham Sound.
Squaderee 91	07767	2.20	Coast District, Range 5, Lot 3914, on Point on Southwest Coast of Stephens Island, North Entrance to Hecate Strait.
Avery Island 92	07768	20.4	Coast District, Range 5, Lot 3917, Entire Avery Island, North of Stephens Island in Bell Passage.
Edye 93	07769	0.40	Coast District, Range 5, Lot 3916, All of a Small Island in Edye Passage, South of Prescott Island.

The Parcel Search provided a list of 123 land parcels located within the Reserves. Two of these parcels were located within Wilnaskancaud 3, one encompasses the whole of Squaderee 91, and the remaining 120 parcels were located within S1/2 Tsimpsean 2. The Evidence of Title Search provided a total of 661 listings. These listings included 282 Certificates of Possession holders, 225 Location Tickets, 81 Band titles, 18 Notice of Entitlements, and 55 No Evidence of Title Issued listings.

General Abstract Reports were also generated for each Reserve and many of the results were not considered to be related to environmental conditions, such as property leases by non-industrial parties; however, some reports were identified to be potentially related to environmental conditions with regards to logging related activities, sand and gravel pits, and rights-of-ways.



Golder did not identify relevant information related to environmental conditions in the General Abstract Reports for the Shoowahtlans 4, Avery Island 92, Rushton Island 90, Tuck Inlet 89, Edye 93, and Squaderee 91 Reserves.

The remaining three Reserves' General Abstract Reports contained one or more results considered of note:

■ S1/2 Tsimpsean 2

- On May 2, 1958, a one year Permit (63924) was granted to General Construction Company Limited for use of "campsite during construction of Prince Rupert airport" on an area of 7.0 acres (2.8 ha). This was renewed for a second year in on January 30, 1959, (Permit 63925) and an additional seven months on July 29, 1959 (Permit 63926).
- On April 14, 1961, a Surrender (15646) was completed for 11.42 acres (4.6 ha) for usage as a right of way and riparian rights to the foreshore being used by the ferry landings at that time. This was extended for 19 years by the Department of Transportation on July 12, 1965, in Permit X10178.
- On October 28, 1964, a 10 year Permit (2136-44) was granted to Celgar Limited for "riparian rights".
- On October 21, 1968, a five year Permit (7304) was granted to Shell Canada Limited (Shell) for the "operation of storing fuel" on a parcel of land 0.22 acres (0.09 ha). This was extended by Shell on July 1, 1973, in Permit (50045) for five years. An agreement (63115) was completed on June 1, 1978, to extend this for another six years and an addendum (113843) was completed on July 30, 1987, to extend this permit for an additional five years and a right for renewal of five years afterwards.
- On April 25, 1969, a Permit (14215) was issued to the BC Hydro and Power Authority for a power line.
 A second Permit (14216) was issued on September 25, 1969.
- On July 7, 1969, an eight year Permit (12028) was granted to Armour Salvage (1949) Ltd. for use of "riparian rights".
- On January 1, 1970, a Permit (2137-44) was granted for Celgar Limited to transfer their permit to Skeena Kraft Limited for "riparian rights".
- On January 18, 1972, a 20 year Permit (X10177) was granted to the Department of Transportation for use of an access road to airport on Digby Island. An amendment (54719) was issued on June 16, 1977, again on October 30, 1986 (111002), and again on June 26, 1987 (113844).
- On January 13, 1976, a five year Permit (44885) was granted to Rivtow Straits Limited for the purpose of sand and gravel handling.
- On January 15, 1987, a one year Permit (113842) was granted to Prince Rupert Port Corporation for the purpose of sand and gravel extraction, processing, and removal.



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- On July 26, 1957, a one year Permit (63927) was granted to Boy Scout's Association of Prince Rupert for "campsite purposes" on a parcel of land. This was renewed for a second year in 1958 (Permit 63928).
- On January 31, 1969, a two year Permit (63929) was granted to Norman Manning Ltd. for "right to interfere with riparian rights".

Tugwell Island 21

- On April 18, 1956, a one year Permit (63935) was granted to Armour Salvage (1949) Ltd. for use of "riparian rights" on an area of 24 acres (9.7 ha). On August 8, 1957, Permit (63936) was granted to Armour Salvage (1949) Ltd. for an additional seven years use of the area.
- On February 18, 1966, a seven year Permit (63937) was granted to Armour Salvage (1949) Ltd. for purpose of "removal of gravel".
- On March 28, 1967, a six year Permit (63987) was granted to Armour Salvage (1949) Ltd. for purpose
 of "removing material".
- On January 13, 1976, a five year Permit (44885) was granted to Rivtow Straits Limited for "right to interfere with riparian rights".

3.4 City Directories

InfoAction Information and Research Centre (InfoAction) of BC provides historical city directories for select communities in BC. Golder contacted InfoAction on November 3, 2014, to request historical city directories for addresses in the Reserves. InfoAction responded that historical city directories were not available for the Reserve areas.

3.5 Fire Insurance Records

Golder retained Opta Environmental Services (Opta) to conduct a search for fire insurance plans and inspection reports for S1/2 Tsimpsean 2 or Wilnaskancaud 3 on November 3, 2014; Opta did not identify available records of this nature for S1/2 Tsimpsean 2 or Wilnaskancaud 3. Golder did not request that Opta conduct a search for information on the remaining Reserves because of the preliminary results of Golder's review (namely aerial photographs) and the inferred low likelihood of available information at the remote and undeveloped Reserves.

The Opta report is provided in Appendix B.





3.6 BC Online Site Registry Search Results

Golder completed a search of the BC Online Site Registry on October 7, 2014. The search process identifies those properties in the database that are located within a 250 m radius of the search coordinates.

A total of three sites were identified within 250 m of Wilnaskancaud 3. The remaining eight Reserves were not found to have sites located within 250 m. Each of the three sites identified for Wilnaskancaud 3 were inferred to be up- or cross-gradient of the Reserve. Detailed Reports were requested for these sites and they are provided in Appendix B. A summary of the Detailed Reports is provided below.

- The property located at 240-280 Kaien Road (Site ID 4900; 60 m west of Reserve) was listed as "Inactive Remediation Complete" as of May 18, 2001. A Preliminary Site Investigation (PSI) (1997) identified several concerns regarding paint and tanker spills/leaks, asbestos, scrap metal, and asphalt spill. A Detailed Site Investigation (DSI) (1997) was completed to delineate the concerns identified by the PSI. Eleven test pits were completed and the recommendations were provided based on the results. A second DSI (1997) involved a survey which identified the possible presence of buried drums and collected surficial water samples from nearby creeks that contained concentrations of toluene greater than the 1997 BC Contaminated Sites Regulation (CSR) standards for the protection of aquatic life. A third DSI (1998) identified buried drums and materials on-site and soil samples with hydrocarbon concentrations greater than the applicable 1998 CSR industrial land use (IL) standards. This report recommended groundwater monitoring wells be installed and bioremediation be completed on-site to address the toluene contamination. Bio-remediation of contaminated soil on-site (a biocell) was initiated in 1998. A site investigation report was submitted in 1998 requesting that the biocell be closed; this request was denied by the MoE later that year. A certificate of compliance for the remediation was issued on December 8, 1999.
- The property located at 271 and 291 Kaien Road (Site ID: 11107; 50 m west of Reserve) was listed as "Inactive No Further Action" as of September 5, 2008. A current site profile was provided to the MoE in 2007 and did not identify APECs, fill material, waste disposal, USTs/ASTs, hazardous waste substances, or legal/regulatory actions/constraints. This site profile was received by the MoE on June 12, 2008, and the site was listed as not requiring further investigation on June 23, 2008.
- The property located at Box 489, Highway 16 (Site ID: 8298; 170 m southwest of Reserve) was proposed to be used as a temporary biocell for the treatment of hydrocarbon impacted soils from the federal coast guard Seal Cove facility (Site ID 7782). The site was listed as "Active Under Assessment" on November 7, 2013.

The results of the BC Online Site Registry search, including the Detailed Reports for the sites discussed above, are included in Appendix B.





3.7 Federal Contaminated Sites Inventory

EcoLog ERIS identified federal contaminated sites located on or in close proximity to S1/2 Tsimpsean 2 and Wilnaskancaud 3 in the Contaminated Sites on Federal Land (FCS) database. Golder subsequently reviewed the Federal Contaminated Sites Inventory (FCSI) mapping program on November 4, 2014, to identify federal contaminated sites that were located on the remaining seven Reserves. The maps showing the locations of the federal contaminated sites in relation to the Reserves are included in Appendix B.

- The FCSI did not show federal contaminated sites within 250 m of Shoowahtlans 4. The closest federal contaminated site was approximately 1.2 km west.
- The FCSI did not show federal contaminated sites within 250 m of Tuck Inlet 89. The closest federal contaminated site was approximately 5 km west.
- The FCSI did not show federal contaminated sites within 250 m of Rushton Island 90. The closest federal contaminated site was approximately 4 km northwest.
- The FCSI did not show federal contaminated sites within 250 m of Squaderee 91. The closest federal contaminated sites were approximately 8.0 km southeast and 8.0 km northeast.
- Avery Island 92 had one federal contaminated site within a 250 m radius of the Reserve. The site details for Site 00020307 (Harris Rock) recorded it as approximately 190 m north of the Reserve. A historical review was completed and the site status was recorded as closed. These site details are included in Appendix B.
- The FCSI did not show federal contaminated sites within 250 m of Tugwell Island 21. The closest federal contaminated site was approximately 1.0 km east.
- The FCSI did not show federal contaminated sites within 250 m of Edye 93. The closest federal contaminated site was approximately 2.5 km southeast.

3.8 Review of Previous Reports

AANDC provided Golder with a summary of previous reports available for the Reserves based on a search of the Integrated Environmental Management System (IEMS). Golder subsequently selected for review a number of the reports that were considered to potentially contain information pertaining to environmental conditions at the Site. Golder visited AANDC offices on November 26, 2014, to obtain copies of 19 documents.

The following sections present a summary of the information in the twelve reports that were reviewed and found to have relevant information.

3.8.1 Environmental Health Survey of Metlakatla Reserve, Environmental Health Office, July 1977

The Environmental Health Office completed a survey of the village of Metlakatla Reserve (S1/2 Tsimpsean 2) in July 1977 to describe and evaluate existing conditions to determine if improvements were needed. The water supply source at the time of this report was a shallow lake at a higher elevation than the village. The water was transferred to the village with three well screens. A 20,000 gallon wood tank was part of the distribution system as a water reserve but was not in use. A chlorination system was installed for water treatment prior to this report was but was not yet in operation.



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The report concluded by recommending that a number of changes being made:

- Sewage disposal was identified as the highest priority: discharge pipes that fall short of 10 ft below low tide should be extended and houses that have potential for septic fields should have them installed.
- Improvements should be made to the water system such as beginning to use the chlorination system, insulation of water pipes, etc.
- Regular water sampling should be conducted to ensure the disinfection of the chlorination system.
- The Environmental Health Office approved the practice of burning waste; however, for non-combustible objects (e.g., appliances) it was suggested that a dumping site be found to bury the waste. If individual disposal was not successful the Environmental Health Office recommended that a landfill or commercial incinerator being constructed.

3.8.2 Environmental Health Survey of Metlakatla Reserve, Environmental Health Office, November 1980

The Environmental Health Office completed a survey of the village of Metlakatla (S1/2 Tsimpsean 2) on November 14, 1980. The chlorination system was not in use when this report was completed. The distribution mains were in need of a cleaning because of this and the report suggested they be "shock chlorinated". A change in the type of intake was recommended to reduce silt and sand build up. The cost of upgrading the existing water source (Tsook Lake) was observed to be significant, and drilling of drinking water wells were recommended as a cost-effective alternative.

3.8.3 Inspection for Waste Disposal Site for the Village of Metlakatla, Indian and Northern Affairs Canada, February 1982

Indian and Northern Affairs Canada (INAC, now AANDC) completed an inspection in 1982 after a request from the Metlakatla Band Council to identify a solid waste disposal site on-Reserve. At that time there was not a waste disposal site or collection system for the village. Waste was disposed of by various methods such as burning or disposing in the ocean.

3.8.4 The Village of Metlakatla Sewage System – Phase I & II Completion Report, Indian and Northern Affairs Canada, October 1982

G. Dayley Trucking completed the installation of a sewage system (Phase I) for the Village of Metlakatla between January and March 1982. The system included a lift station (Lift Station 1) and discharged by outfall into the ocean. Phase II of the project was completed between April and July 1982. This phase consisted of installation and connection of a pump station.





3.8.5 Metlakatla Indian Band – Report on Preliminary Groundwater Availability Study and Recommended Alternative Development Plans, Hardy Associates Ltd., January 1983

Hardy Associates Ltd. (HAL) completed a preliminary groundwater potential assessment. They referenced a report completed by Golder in 1975 that identified the soil stratigraphy in the village area to be dark brown peat (up to 4 m in depth), underlain by up to 1 m of dense fine sand. The soil was underlain by meta-sedimentary rock, mainly dark grey biotite-hornblende schist. From their review of aerial photographs they determined that near-surface groundwater was present across the Reserve and five potential locations for test drilling were identified.

3.8.6 Metlakatla – Environmental Health Reports, Health and Welfare Canada, 1983 – 1987

A series of observations and recommendations were made by the Environmental Health Officer during the period from 1983 to 1987. The recommendations are provided below:

- February 1983 Health and Welfare Canada (HWC) determined three main changes that could reduce or eliminate health issues they identified:
 - Potable water:
 - Proper sewage disposal; and
 - Sanitary solid waste disposal.
- July 1984 HWC stated a top priority that the emergency sewage outfall be extended based on bacteriological analysis of drinking water which indicated that the drinking water required boiling.
- August 1984 HWC identified that the pumps at the lift station were not functional and required repair. The conditions at the garbage dump were also identified as very wet making access difficult for equipment. HWC suggested construction of culverts and ditches at the dump.
- February 1985 HWC made the following specific recommendations:
 - Chlorine levels must be maintained in the distribution system and must be measured and recorded daily;
 - A water sample be submitted weekly to the Fisheries Lab for bacteriological analysis; and
 - The facilities at the Tsook Lake should be repaired and rebuilt in the following spring months.
- May 1987 HWC made the following observations:
 - The MFN's sewage is transported by gravity to two lift stations which then pump the sewage to an outfall off Mission Point. The system was identified as functioning well, however the emergency outfalls were located above the tide line and were recommended to be extended.
 - The garbage dump was located approximately 100 m west of the village, in a wet area in close proximity to the beach. The wet/swampy conditions were reported as making it difficult to compact and cover the garbage. The fill necessary for the dump could not be collected from adjacent areas as logging trucks used that area as a roadway. The Band was in the process of planning a new dumpsite to replace the problematic one.





3.8.7 Environmental Screening Report for Water Treatment Plant and Reservoir, Kerr Wood Leidel Gore Storrie Inc., June 1993

A screening report was completed in 1993 to provide an initial assessment of the water treatment plant and reservoir project in accordance with the Federal Environmental Assessment and Review Process Guidelines Order. The goals of the water treatment plant were to address the high colour, giardia and other microbiological contaminants, and corrosiveness. The treatment was to be designed for 105 m³ per day and the reservoir was designed with a capacity of 300 m³.

3.8.8 Phase II Site Inspection – Tsimpsean 2 Reserve, Metlakatla Band, Environmental Issues Inventory, Northwest District, BC, Norecol, Dames & Moore, August 1994

The reported referenced the previously-completed Phase I of an environmental issues inventory at S1/2 Tsimpsean 2 as being completed by the Department of Indian Affairs and Northern Development (DIAND, later INAC, now AANDC). The Phase I had identified wastewater, ASTs and USTs, PCBs, and operation of a quarry as the primary issues on-Site. The objective of this Phase II inspection was to identify the nature and extent of the issues identified in the Phase I, identify if new environmental issues are present, and conduct environmental sampling where required. In summary:

- Wastewater (sewage treatment): lift systems and components of the system were checked by DIAND and the outfall was inspected by NovaTec Consultant divers in 1991. This issue was considered low risk.
- ASTs and USTs: a small number of residential ASTs were identified in the village but large ones were not observed. Two large ASTs (approximately 100,000 litres [L] in capacity) owned and operated by Shell were located on Digby Island (on-Reserve) to service aircraft for the Transport Canada airport. There was also a temporary 5,000-L diesel holding tank identified at the quarry and small quantities of gasoline for Reserve vehicles in a storage shed. A National Contaminated Sites Classification System (NCSCS) risk assessment of the ASTs at the Reserve gave a site score of 56 (Class 2 with medium risk), with the following comments:
 - The large ASTs appeared to meet federal codes.
 - The temporary AST in the quarry required a berm to reduce the risk of spills.
 - A small concrete pad with a low sill as well as a drip tray was recommended for the gasoline in the storage shed.
- Asbestos: friable asbestos insulation was identified in the walls of a closed maintenance/storage building near the ferry dock on airport road. It was suggested that the building be properly locked and boarded up to reduce the health hazards and that as soon as possible the building be safely removed from the Reserve.



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3.8.9 Metlakatla Band – Physical Development Plan, Bullock Baur Associates Ltd., November 1997

A physical development plan was completed in 1997 for the Metlakatla Band. At that time there were 605 band members and 122 of them resided on the Reserve (S1/2 Tsimpsean 2). The physical development plan aimed to support the community over the following 20 years. The following key points were identified to support the growing on-Reserve population:

- Develop wastewater treatment services on-Reserve;
- Determine if the drinking water supply from the lake would meet their long-term needs;
- Widen roads and improve drainage;
- Construct new serviced housing lots for future residents;
- Evaluate landfill drainage issues as soon as possible; and
- Implement a recycling program to reduce the community's waste output.

3.8.10 Metlakatla Band – Phase I Report and Phase II Work Plan – FNESS UST Removal/Replacement Program, PGL, 2006

A Phase I report for a FNESS UST removal and replacement program was completed by Pottinger Gaherty Environmental Consultants Ltd. (PGL) for S1/2 Tsimpsean 2.

The Phase I did not identify the presence of USTs or ASTs on the portion of the Reserve on Digby Island, however it did identify soil contamination where ASTs had been located but were since removed. The ASTs were reported to have contained aviation fuel (used by Shell) with a potential risk to the local water body.

The report did not identify USTs or ASTs greater than 500 L on the Metlakatla Village portion of the Reserve. The ASTs previously located on the Reserve were reported to have been removed by the Reserve and disposed of by the MFN at an industrial landfill.

A quarry was present on-Reserve at the time this report was written. Mobile ASTs were not recorded as being present at the quarry, although records of a mobile AST at the quarry had been noted historically. The quarry was also recorded as inactive at the time this report was completed. While electricity and wood were noted to be the sources of heating buildings it was found that furnace oil was used for heating of some home in the past.

Three potential concerns were identified at the Metlakatla village:

- Ten fuel drums (205 L) were identified near the Band office and were observed to be stored incorrectly without a containment system.
- Waste oil drums were observed at a private home.
- Five abandoned vehicles were noted in various locations in the village.

Removal of the vehicles and upgrading of fuel storage facilities were both recommended at the Reserve.





3.8.11 Metlakatla First Nation – Environmental Contaminant Study Report: Study of the Potential Leaching of Environmental Contaminants and Substances that Pose a Risk to Human Health from the Metlakatla Landfill into a Traditional Clam Harvesting Beach, FiEdCo Consulting, March 2007

In 2007 the Metlakatla Landfill (inferred to be the landfill currently referred to as Landfill #3; Figure 4) was under review by the Metlakatla Health Department as previous investigations had been deemed insufficient. The concern was leaching of contaminants into adjacent clam harvesting areas. Tracing dye was used to identify the groundwater movement from the landfill. The dye demonstrated that leachate from the landfill reached the beach downgradient of the landfill and entered the marine environment.

Surface water samples were collected from points within the landfill and adjacent water bodies. These samples did not have concentrations exceeding the historical Canadian Drinking Water Guidelines. One of the soil samples collected from a site adjacent to the landfill had an arsenic concentration (17.2 mg/kg) greater than the historical Canadian Soil Quality Guidelines (12 mg/kg) and current CCME soil quality guidelines (12 mg/kg). Two soil samples had pH levels less than the current CCME acceptable range (6 to 8). One soil sample was analyzed for PAHs; the PAH concentrations were less than the CCME guidelines for residential land use (RL). Tissue samples collected from clams in the downgradient marine environment were also analyzed for metals; concentrations did not exceed the historical Health Canada Guidelines, Canadian Food Inspection Agency Guidelines, or the World Health Organization Criteria.

The study recommended the installation of monitoring wells to measure the metals concentrations in the groundwater surrounding the landfill.

3.8.12 Phase I and II Fuel Storage Tank Removal and Replacement Program Completion Report #2205, FNESS, June 2007

A First Nations Emergency Services Society (FNESS) UST removal and replacement program was recorded as being completed by Pottinger Gaherty Limited in January 2006 (document discussed in Section 3.8.10).

3.8.13 Landfill Closure Activities, Metlakatla Landfills #1, #2 and #3, 2014

Following the initial document review and draft report submission, two documents were identified for review pertaining to the three former landfills currently referred to as Landfills #1, 2 and 3 (Figure 4).

Conestoga-Rovers & Associates (CRA) was retained by the MFN to manage the closure of the three landfills following the implementation of a new solid waste management program at the Metlakatla Reserve (S1/2 Tsimpsean 2). CRA subcontracted Golder to complete a supplemental site investigation (SSI) and preliminary quantitative risk assessment (PQRA) of human health and ecological risks associated with the three landfill sites. Golder understood that the intended future land use of Landfill #1 was a recreation/picnic area, and that the intended future land use of Landfill #3 was a MFN public works yard.

In 2013, Golder assessed soil, sediment, porewater, surface water, groundwater, and soil vapour quality with respect to applicable numerical guidelines. Concentrations of parameters in surface water, groundwater and porewater exceeded guidelines for select metals and anions. However, the PQRA found that the





contaminants lack an operable exposure pathway (e.g., interception of groundwater at a drinking water well or impacts on shellfish) to affect human health. Furthermore, no unacceptable risks to terrestrial and aquatic receptors were identified.

Therefore, the PQRA did not identify any unacceptable risks to human health or ecological health, provided that the landfill closure design included the construction of an engineered cover of sufficient thickness and composition to prevent future exposure to waste materials by people and terrestrial receptors (i.e., plants and wildlife) frequenting the landfill areas.

CRA proceeded with closure of the landfills in 2014. Details of the closure design (e.g., cover grade and thicknesses), were provided in Golder's SSI and PQRA (September 2014) and CRA's Landfill Closure report (October 2014). Based on the documented site investigation, risk assessment, and closure activities conducted at the three landfill sites, Golder does not consider the three landfills to be of environmental concern.



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4.0 INTERVIEWS

Interviews were conducted with three members of the MFN prior to the walkover:

- Mr. David Leask;
- Mr. Clarence Nelson; and
- Mr. Dallas Leighton.

The information obtained during the interviews that was considered relevant for the Phase I ESA objectives is discussed below, organized by Reserve:

S1/2 Tsimpsean 2

- A mission was formerly located at the Reserve. During that time (more than 150 years ago) a number of industrial activities occurred on-Reserve. A logging/sawmill area was present on Digby Island, and large/heavy parts of industrial machinery still present on the Reserve.
- A cannery was located in the village on the Reserve until being closed down in 1886.
- A small-scale electrical generating station functioned from the 1940s to the 1960s until it was replaced by BC Hydro servicing the village.
 - The station ran from 4:30 PM until 11 PM daily for lights in residences.
 - The station was powered by diesel and 45 gallon drums were used to store fuel on Reserve.
 - The building was decommissioned after being replaced by BC Hydro.
 - Transformers from the power station (which may contain PCBs) were left on the roadside following its decommissioning.
 - The transformers were still present until the roadway was rebuilt approximately 10 years ago.
- The roadway was rebuilt using materials from the rock quarry located on the Reserve.
 - This quarry has been in use for approximately five years.
 - Machinery for rock crushing is located on the Reserve and powered by fuel that is regularly shipped over from Prince Rupert.
- BC Hydro power lines are connected to the Reserve from Prince Rupert across the ocean floor, to the northwest corner of Digby Island.



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- During World War II a portion of Digby Island (including the Reserve) was used as a military base.
 - The military base housed more than 1,000 soldiers.
 - The buildings were decommissioned in the early 1950s after the war ended.
 - Their garbage was dumped on-site but the location of it is unknown.
 - A firing range was located on-site at Dundas Point, at Venn Passage. It is assumed that a significant quantity of bullets and shells may remain in the soil of the shooting range.
 - A submarine net was used to close off the marine pass (Venn Passage) during the war.
- Shell plans to use Digby Island as a transportation hub.
- Imperial Oil Limited has been clearing the forested area at the northern end of Tuck Inlet to install a floating dock to use for fuel shipping.
- There are approximately 14 active personal vehicles on the Reserve.
- Motor vehicles were previously commonly abandoned on-Reserve in a couple of locations. They were recently removed and disposed of off-Reserve in Prince Rupert.
- A number of abandoned boats have been driven up on shore and abandoned there; this practice still occurs periodically.
- People personally pick up fuel in small containers from Prince Rupert for their vehicles.
- The operations and maintenance department of the Band Office transports fuel to their facilities in drums from Prince Rupert.
- A pit behind the Band Office was previously used as a dumping ground; washing machines, household waste, metal debris, and fridges have been observed in this location. Golder did not observe evidence of the pit during the Reserve reconnaissance (discussed below).
- A water treatment system has been located in the village for approximately 20 years.
- The village and houses on-Reserve discharge sewage directly into the ocean.
 - The adjacent marine environment has recently been closed for clam harvesting because of this waste discharge.
 - A new lagoon system is currently under construction for treatment of sewage and should be completed in 2015.
- The sewage system lift stations are maintained regularly and effluent samples are collected from each of the two stations and shipped to a laboratory for chemical analysis generally monthly. However, one of the lift stations has been out of operation for quite some time.
- The lift stations will be upgraded when the new lagoons are completed in 2015.



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- The MFN manages their solid waste in a building located behind the Band Office.
 - The garbage is stored in special bins for transport to Prince Rupert.
 - The recycling is sorted and stored in large bags in the building for transfer to off-Reserve facilities.
 - The recycling program has been in operation for approximately one year and has reduced the garbage quantities by approximately one third.

Wilnaskancaud 3

- The Reserve is located in the industrial park portion of Prince Rupert.
- A Petro-Canada service station (Grassy Bay) is located on-Reserve.
- A possible area of miscellaneous refuse dumping was reportedly located less than 1 km northwest of the Reserve and was identified as a concern by multiple MFN members; Golder did not observe evidence of dumping during the Reserve reconnaissance.

Shoowahtlans 4

- The Reserve was historically used as a campsite and harvesting/trapping area (mainly for sockeye salmon) in previous decades and centuries.
- Some wooden structures (sheds) still remain on the Reserve.

Tugwell Island 21

- The south portion of the Reserve used to be a seaweed harvesting area in the spring season.
- Logging occurred regularly during the time of the mission at the Reserves (more than 150 years ago).
- Commercial shell-fish harvesting has been conducted up until quite recently.
- The Reserve is currently primarily used as a recreational area.

Tuck Inlet 89

A large gardening area was presented at the Reserve and historically used for growing potatoes for trading purposes.



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Rushton Island 90

- The Reserve was historically used as a campsite and harvesting/trapping area in previous decades and centuries.
- A small village with a number of residences was located on the island in the past but were torn down and removed more than 100 years ago.
- The Reserve is currently only used for recreational purposes.

Squaderee 91

- The Reserve was historically used as a campsite and harvesting/trapping area in previous decades and centuries.
- A cabin was constructed in 2014; the current state of the island post-construction is unknown.

Avery Island 92

- The Reserve was historically used as a campsite and harvesting/trapping area in previous decades and centuries.
- The Prince Rupert Fishing Co-op leased this island for a period of time ending in the 1970s.
 - A yacht club owns an island less than 500 m offshore of Avery Island that is regularly used for docking and there is a high volume of boat traffic in the area.
- The Reserve is currently still used seasonally for recreation and fishing.

Edye 93

A few cabins are located on adjacent islands but not at the Reserve.



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5.0 RESERVE RECONNAISSANCE BY LOCATION

Given the large area of the Reserves, the number of buildings and the mixed usages (specifically at S1/2 Tsimpsean 2) it was beyond the scope of this Phase I ESA to assess each building and determine the specific details of each site (i.e., water supply, generators, oil/water separators, heat source). Golder's approach focused on the areas with suspected historical environmental issues and locations whose usage had potential for impacts on the environment at the time of this Phase I ESA.

On December 15, 16, and 17, 2014, Golder completed reconnaissance at eight of the nine Reserves. Rushton Island was not safely accessible because of high winds and wave conditions at the time of Reserve reconnaissance. The reconnaissance was conducted by Mr. Konane Dion-Belair of Golder and Ms. Janine Robinson, the First Nations assistant. The Golder representative was accompanied by one or more of five MFN representatives, depending on the Reserve:

- Mr. Dallas Leighton, Works Supervisor for the MFN for the past three years;
- Mr. Zane Krumm, a resident on-Reserve for seven years who worked for the MFN in Work Services for the past five years;
- Mr. David Leask, Land and Marine Use Planning Coordinator for the MFN for the past 15 years;
- Mr. Chris Wilson, manager of a gas station located on Wilnaskancaud 3; and
- Mr. Dante Massari, an employee of YCS Holdings Ltd.

The reconnaissance involved driving through public roadways of the Reserves, walking Reserve areas on foot, and travelling by boating to remote Reserves to observe visible signs of land usage and make cursory observations of the Reserves and neighbouring areas.

Select photographs taken during the reconnaissance are available in Appendix D.

5.1 S1/2 Tsimpsean 2 (North)

This portion of the Reserve is located on the mainland. The following features were observed during reconnaissance at the southern portion of S1/2 Tsimpsean 2 and are presented on Figure 4.

5.1.1 Former Sawmill

A former sawmill site was identified on-Reserve; however, the only remnants were partially buried wood posts;

- The sawmill had been dismantled and moved to Alaska according to the MFN representatives.
- Logs were also reported to be stored in an area adjacent to the historic sawmill site.
- Based on the timing of the sawmill operation, it is unlikely that chemicals were used for wood treatment.



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5.1.2 Carolina Island

Carolina Island was a small island adjacent to the south side of this portion of the Reserve;

- Six abandoned boats were observed on the island (Photograph 1; Appendix D).
- Boats are reportedly abandoned by being hauled onto the shoreline when no longer serviceable/damaged.
- Old fuel tanks, batteries, and engines were observed to be abandoned on the island.
- Sheens were not observed in the area; however; boats had likely been there for long enough that leaking fuels would have likely been diluted and/or washed away.

5.1.3 Quarry/Gravel Pit

A quarry/gravel pit was located on the Reserve (Photographs 2 and 3; Appendix D);

- The gravel pit is owned by the MFN and Adventure Paving currently operates the gravel pit in a partnership operation.
- Fuel storage was observed at the south end of the gravel pit, consisting of an approximately 9,000-L steel diesel AST of an unknown age; staining and evidence of leaks were not observed.
- A 2,000-L trailer-mounted steel AST belonging to Adventure Paving was observed on the Reserve and reported to be used for fueling trucks.
- An additional AST was reportedly on-site previously but had been removed (approximately 4,500 L).
- A rock crusher has also operated on-site but had also been removed.
- At the time of the Reserve reconnaissance two excavators, one rock truck, and one telehandler were observed at the gravel pit.

5.1.4 Work Shop

A work shop was located on the Reserve (Photograph 4 and 5; Appendix D);

- The following items were observed in the work shop:
 - Five 4-L motor oil containers;
 - Two 20-L pails of motor oil;
 - Approximately nine small generators; and
 - Other equipment/machinery.
- One floor drain was reportedly present at the work shop; however, the MFN representative could not identify its location.



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- A portion of the basement floor was bare ground (approximately 3 by 3 m) with seven small gasoline (jerry) cans and a pump located in this area. Hydrocarbon-like staining was observed on the ground surface.
- The following items were observed outside of the work shop:
 - Eight cylinders of propane;
 - Two car batteries;
 - One pressure washer;
 - One compactor; and
 - One backhoe.
- Vehicle maintenance is conducted in the area to the south of the work shop.
- A former generating station was reported to be located where a yellow house now stands. This area could not be explored during the reconnaissance as Golder did not have permission to access the private property.

5.1.5 Oil Sheds

- Old Oil Shed #1 (no longer in use; Photograph 6; Appendix D)
 - Constructed of wood with a bare ground floor (approximately 7 by 7 m in size)
 - Was previously used for fuel storage for approximately three years and has been out of use for approximately one year now.
 - According to the MFN representative, multiple small spills have occurred at the oil shed. They
 estimated approximately 200 L have been spilled over the life of the building.
 - The following items were observed in the oil shed at the time of the reconnaissance:
 - Five lawnmowers;
 - One rototiller:
 - Two empty drums;
 - One drum half full of an unknown fuel type; and
 - One drum full of an unknown fuel type.
- Old Oil Shed #2 (no longer present; Photograph 7; Appendix D);
 - Only partial foundation (no slab) was visible.
 - The MFN representative estimated that approximately 200 L of fuel was spilled over the lifetime of the building.
 - Typically two to three steel drums containing either gasoline or diesel were stored in this shed.
 - The site was decommissioned four or five years previously and then the shed was removed approximately two years later.



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5.1.6 Fuel Storage Building

A fuel storage building (approximately 5 by 7 m in size), located near the Transfer Station (discussed in Section 5.1.7, below) was constructed of steel beams with aluminum siding and roofing, and metal grating over a concrete slab floor (i.e., secondary containment) (Photograph 8; Appendix D). Golder observed the concrete floor to be in good condition, with no cracks or pitting observed.

- Spills would pass through the grating and be contained and cleaned up using spill pads and absorbent materials.
- According to the MFN representative, the transfer of fuel to smaller containers also occurs over grating so spills can be safety contained.
- While Golder was on-site, workers were observed to be filling containers in an area outside of the building where a concrete slab is present, but without the secondary containment (i.e., no grating present), and a small spill had occurred. Fuel was cleaned up before it impacted the surrounding bare ground surface and the workers were requested by the MFN representative to fill containers inside the building where secondary containment is present.
- Small amounts of hydrocarbon-like staining were observed on the concrete floor.
- The fuel storage building contained the following at the time of the reconnaissance:
 - One drum of used oil:
 - Five empty drums;
 - Three drums of mid-grade fuel;
 - Four drums of diesel fuel; and
 - Two batteries.
- Up to 16 drums were stored in building at times according to Band members.
- Fuel was purchased from, and used oil returned to, Petro-Canada.
- A lawnmower was parked next to fuel storage building.



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5.1.7 Transfer Station

A transfer station (Photograph 9; Appendix D) was located on the Reserve and contained the following:

- One bin for construction waste:
- One bin for recycling;
- One bin for household waste;
- Appliances, televisions, and furniture (stored outside the transfer station on bare ground); and
- One bin full of printers and electronics stored outside.

5.1.8 Recycling Sorting Facility

The recycling sorting facility was reported to be used for sorting recycling materials;

- The MFN representative did not allow Golder to access the site because of high winds.
- The facility was approximately 10 by 9 m in size with no foundation (bare ground) and a canvas cover stretched over steel support beams.
- A pile of Styrofoam was observed next to the facility.

5.1.9 Landfill Sites

There are three landfill sites at the Reserve (referred to as Landfills #1, #2, and #3) (Photographs 10, 11, 12, and 13; Appendix D).

- The material previously stored in these three landfills was removed as part of landfill closure activities in the spring of 2014 and the landfills have been covered with an engineered cover using material from a nearby quarry.
- According to MFN representatives, waste in Landfill #1 was removed prior to construction of the transfer station.
- Landfill #3 was approximately 30 by 100 m in size. Culverts were present at the landfill; however, the MFN representatives did not have additional information on culverts and did not provide additional details about the landfill.
- Golder did not observe issues of concern at the landfills during the Reserve reconnaissance.



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5.1.10 Sewage Treatment Facility

The sewage treatment facility is currently under construction; Photograph 14 and 15; Appendix D;

- The following items were located in the construction area:
 - One truck-mounted AST;
 - One 1,000-L steel diesel AST (approximately one year old);
 - One trailer mounted AST;
 - One 200-L steel AST (approximately one year old)
 - One large generator;
 - One telehandler;
 - Three drums containing scrap metal parts;
 - One bobcat:
 - One compactor;
 - One lightstand/generator; and
 - Two shipping containers were observed: one container was observed to have a layer of plywood covering the floor, and contained a generator. Golder observed a stain approximately 0.5 by 0.5 m in size inside the container. The second container was locked.
- None of the equipment was observed to have secondary contaminant in place.

5.1.11 Drinking Water Treatment Facility

The Reserve drinking water treatment facility was constructed in 1987; Photographs 16 and 17; Appendix D;

- Constructed of cinder blocks with a wood shingle roof (approximately 9 by 13 m in size).
- The current facility has been in operation for approximately 20 years. Prior to this there was a small chlorine treatment facility but the building has since been demolished.
- Includes chlorine and alum treatment and a slow sand filter system.
- Main water reservoir has a 90,000 L capacity.
- The Chlorine Room contains the following:
 - Seven 20-L pails of sodium hypochlorite (12%);
 - A drain in the room that goes to a sewer line; and
 - Secondary containment present under chlorine solution drum.



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5.1.12 Fire Hall

- The Fire Hall is of wood construction, approximately 27 by 16 m in size; (Photograph 18; Appendix D);
- The fire hall contained the following items:
 - Two fire trucks:
 - 4-L containers of "Wet It" in the fire trucks:
 - One generator;
 - One side by side all-terrain vehicle; and
 - One ride-on lawnmower.
- A drain inlet was observed in the fire hall, the MFN representative suspected that the drain goes to the sanitary sewers.
- The floors are hosed down from time to time.
- According to the MFN representative, some vehicle maintenance occurs in the fire hall as it is a heated space.

5.1.13 Lift Stations

There are two lift stations at the Reserve (Lift Stations #1 and #2; Photograph 19; Appendix D);

- The MFN representatives would not allow photography of the lift stations.
- Lift Station #1 was not functional at the time of the reconnaissance because of issues with the electrical panel.
- Both lift stations were reported by MFN representatives to be undergoing retrofitting.
- There are two emergency sewage outfalls at each lift station.
- The main sewage outfall is at southern point of Reserve near the helipad.

5.1.14 Miscellaneous

- Appliances were reportedly dumped along the shoreline of the Reserve until approximately 20 years ago.
 Remnants of old washing machines, rusted AST, fridge, other garbage, and abandoned boats were found along shoreline (Photograph 20; Appendix D);
- Approximately 12 vehicles were removed from the Reserve two years ago. Currently approximately 14 vehicles are located on the Reserve and in use; and
- Tsook Lake was not accessible at the time of the Reserve reconnaissance.



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5.2 S1/2 Tsimpsean 2 (South)

The following features were observed during reconnaissance at the southern portion of S1/2 Tsimpsean 2 and are presented on Figure 5.

- This portion of the Reserve is located on Digby Island.
- The historical dock used to have creosote piles but these have recently been removed (Photograph 21; Appendix D).
- This port area is currently used for offloading gravel and other transportation activities.
- A former maintenance building and ASTs (used by Shell) have been recently removed. A large pile of gravel is now on top of the foundation of the maintenance building and signs of the former Shell ASTs were not observed.
- A vehicle parking area is located near the dock for the ferry.
- A portion of the Reserve was selectively logged approximately seven years ago.
- Gun turrets were located on the island during World War II. Foundations reportedly still remain but could not be located during the Reserve reconnaissance; however, wire fencing was observed and reportedly associated with the former turrets.

5.3 Wilnaskancaud 3

The following features were observed during reconnaissance at the southern portion of Wilnaskancaud 3 and are presented on Figure 6.

- Grassy Bay Services currently manages the recycling and garbage collection services on the Reserve.
- Petro-Canada leases a portion of the Reserve and uses it as The Grassy Bay service station. The facility was constructed in 2003 (Photograph 22; Appendix D).
 - The associated convenience store is one floor and approximately 8 by 10 m in size.
 - It is heated by electric baseboards and electric forced air and cooled by electric air conditioning (installed in 2014).
 - The gas bar's electricity is supplied by the Prince Rupert electrical grid.
 - There is a diesel backup generator attached to the building in case of power outage.
 - The store's water is supplied by the Prince Rupert municipal waterlines.
 - The gas bar has a snow plow stored on-site.
 - The gas bar has three 200-L oil drums stored on-site.



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- A metal oil/water separator (100 L) is connected to the site stormwater collection system. Hydrocarbon product that enters the stormwater system (e.g., as sheen on precipitation runoff from the asphalt site surfaces) is collected in the oil-water separator. Stormwater discharges to a drainage rock soakpit (6.8 m deep, to bedrock) adjacent to the AST area on-site. Norco Septic Service Inc. (Norco) empties and cleans the oil/water separator of accumulated hydrocarbon product approximately once a year or as needed. In the event of larger volumes of hydrocarbon products entering the stormwater system, the discharge line can be manually closed to prevent oily water from discharging to the drainage rock soakpit until alternate disposal arrangements can be made (e.g., Norco).
- Three ASTs are located on-site and used for fuel storage (Photograph 23; Appendix D).
 - One 50,000-L double-walled steel-construction AST storing regular gasoline (installed in 2003).
 - One 50,000-L double-walled steel-construction split AST storing half regular gasoline and half premium gasoline (installed in 2003).
 - One 50,000-L double-walled steel-construction split AST storing 15,000 L premium gasoline and 35,000 L of clear diesel (installed in 2003).
 - The ASTs are installed on a concrete slab; there is no secondary containment as part of the concrete slab.
 - The ASTs are reportedly serviced once a year, according to the Petro-Canada general manager.
- An environmental inspection of the gas bar was completed in June 2013 no sampling was conducted.
- Bleach (a chlorinated solvent) is present in the store for cleaning purposes.
- A small spill occurred around the fuelling area previously. This spill was cleaned up using spill pads and absorbent material ("Sorb-all").
- Small areas of staining were visible around the pumps during the reconnaissance; likely from leaks during fueling.
- Multiple cleaning liquids were present in the bathroom storage as well as 60 4-L jugs of windshield washer fluid.
- Fifty 1-L containers of motor oil were available for sale on-site.
- Tribal Resources Investment Corporation (TRICORP) leases a portion of the Reserve for its main office (new office constructed in August 2014; Photograph 24; Appendix D);
 - Prior to the new construction two smaller office buildings were located in the new building's footprint (approximately 34 by 11 m).
 - There is a 3 by 3 m electrical room in the building.
 - The building is mainly constructed of wood.
 - The water is supplied by the Prince Rupert municipal waterlines.
 - The electricity is supplied by the Prince Rupert electrical grid.
 - One steel AST is on-site storing 2,200 L of propane (installed in 2005; Photograph 25; Appendix D).



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- Fill was historically used to level the Reserve ground surface prior to development; the source and quality of the fill is unknown.
- Drains on the Reserve lead downslope to the east and there is a drainage ditch alongside Kaien Road.
- There is a parking area in the middle of the Reserve.

5.3.1 Surrounding Areas

The surrounding properties are mainly commercial and industrial:

- To the north of the Reserve:
 - Recycle Depot;
 - Harbour Machining;
 - Rupert Reload and Warehousing;
 - Northwest Fuels Cardlock; and
 - Wayne Wright.
- To the south of the Reserve:
 - Jay's Towing;
 - Bandstra;
 - SKB Automotive;
 - JD Tires; and
 - Clark Enterprises.
- To the east of the Reserve:
 - Prince Rupert Harbour (inferred down-gradient).
- To the west of the Reserve:
 - Boat storage;
 - PK Pros Diving School;
 - 4 Season Maintenance Ltd.; and
 - An active quarry.
- The Band Chief mentioned there may be storage of explosives off-site but was uncertain of the storage location.



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5.4 Shoowahtlans 4

- Garden plots were identified by the MFN representative.
- The Reserve appears to have been logged at one point from to the relatively young forest and bare shoreline (Photographs 26 and 27; Appendix D).
- According to the MFN representative, activity on-site has ceased for the most part.
- A dam is located off-Reserve to the south.
- The industrial area of Prince Rupert is located near the Reserve.
- Structures and recent activity were not observed on-Reserve.

5.5 Tugwell Island 21

- Two large nets were observed to have been washed up on the shoreline (Photograph 28; Appendix D);
- According to the MFN representative, the island did not have a gravel pit but some of the sand/gravel bar was historically dredged in the area (Photograph 29; Appendix D).
- A wooden cabin (shed) is present on the island with residential garbage and fire pit located in close proximity (Photograph 30; Appendix D).
- A second cabin is located on the southern edge of the island but due to limited daylight there was not enough time to visit this building at the time of Reserve reconnaissance.
- The MFN representative confirmed that clam harvesting took place on Doolan Point.
- Stumps from historical logging were observed.
- The westernmost point has a layer of shell midden that was deposited when previous villages were present.

5.6 **Tuck Inlet 89**

- The Reserve appears to have been logged at one point from the relatively young forest.
- Signs of active logging were not observed.
- Garbage was observed to have had washed up on shore and along river banks (Photographs 31 and 32;
 Appendix D).
- Steel cables that were historically used for securing log booms were observed connecting trees to anchors in the ocean.
- Cleared areas and signs of gardens were not observed.
- A dock adjacent to Reserve is used by the Lax Kw'alaams Band (Photograph 33; Appendix D).



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5.7 Rushton Island 90

Seas were too rough to access the island on multiple days during the Reserve reconnaissance.

5.8 Squaderee 91

- One wooden cabin (approximately 7 by 9 m in size) with an aluminum roof had been constructed on this Reserve in 2014 (Photograph 34; Appendix D);
 - The cabin contained a freezer, small fridge, electric stove, sink, gas fireplace, and propane tank (Photograph 35; Appendix D).
 - There was garbage scattered throughout the cabin.
 - Insulation, two generators, one boat motor, two jerry cans, two empty 50-L drums, and three empty 200-L steel tanks were located beneath the cabin.
 - One generator that appeared to be operational was observed adjacent to the cabin under a yellow tarp (Photograph 36; Appendix D).

5.9 Avery Island 92

- Signs of recent activity or use of the island were not observed.
- Access to the island was limited because of wind and waves restricting safe landing areas, and the size and density of the forest prevented Golder from exploring the entirety of the island on foot (Photograph 37; Appendix D).
- A yacht club is located on a nearby island and has a removable dock that was not present during the reconnaissance. The piles to fasten this dock in place were observed (Photograph 38; Appendix D).

5.10 Edye 93

- According to the MFN representative three culturally modified trees (CMTs) have been identified.
- The island was heavily forested (Photograph 39; Appendix D).
- A large amount of shell fragments were observed along shoreline areas.
- Signs of recent activity or structures were not observed.





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6.0 RESERVE SUMMARY BY POTENTIAL ENVIRONMENTAL CONCERN

For ease of interpretation and discussion purposes, Golder reviewed the results of the Reserve reconnaissance and interviews in terms of potential environmental concerns, as presented in the following sections.

6.1 Waste Management, Storage and Handling

6.1.1 S1/2 Tsimpsean 2

Waste generated on-Reserve is reportedly shipped to the appropriate facilities in Prince Rupert weekly by barge.

6.1.2 Wilnaskancaud 3

Waste generated on-Reserve is reportedly picked up by the garbage collection system of Prince Rupert.

6.1.3 Remaining Reserves

No waste collection system was reported or observed to be present at the remaining seven Reserves.

Miscellaneous solid waste (i.e., garbage, debris) was observed along shoreline areas and/or around recreational cabins at Tugwell Island 21, Tuck Inlet 89, and Squaderee 91.

6.2 Herbicides, Pesticides and Fertilizers

Storage or use of herbicides, pesticides and fertilizers was not observed at the Reserves that were visited. There is potential that herbicides, pesticides and fertilizers may be used at S1/2 Tsimpsean 2 or Wilnaskancaud 3; however, there was no reported use or storage in the historical documents reviewed and during interviews.



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6.3 Storage Tanks

ASTs and USTs that were observed or reported during the Reserve visits are listed in Table 9, below.

Table 9: Observed ASTs and USTs

Location		ASTs	USTs	
	South Portion (Digby Island)	Former ASTs (associated with Shell) reported to have been removed recently	Not observed	
	Carolina Island	Old fuel tanks abandoned on island	Not observed	
	Quarry/Gravel Pit	One 9,000-L steel diesel AST One 2,000-L trailer-mounted steel AST One 4,500-L AST reported to have been removed recently	Not observed	
S1/2 Tsimpsean 2	Fuel Storage Building	One drum of used oil Five empty drums Three drums of mid-grade fuel Four drums of diesel fuel	Not observed	
	Old Oil Shed #1	Two empty drums Two drums containing fuel	Not observed	
	Sewage Treatment Facility	One truck-mounted AST One 1,000-L steel diesel AST	Not observed	
Wilnaskancaud 3	Petro-Canada Gas Bar	Three 200-L oil drums Three 50,000-L steel ASTs (gasoline and diesel)	One 100-L oil/water separator	
	TRICORP Building	One 2,200-L steel propane AST	Not observed	
Squaderee 91	Visited Area	Two empty drums Three empty 200-L steel tanks One propane AST	Not observed	

ASTs and USTs were not reported or observed to be present at the remaining six Reserves.

6.4 Chemical Storage

6.4.1 S1/2 Tsimpsean 2

- The Work Shop was observed to have five 4-L motor oil containers, two 20-L pails of motor oil, eight cylinders of propane, and car batteries.
- The Fuel Storage Building was observed to have two car batteries.
- The Drinking Water Treatment Facility was observed to have seven 20-L pails of sodium hypochlorite.
- The Fire Hall had containers of "Wet It".



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6.4.2 Wilnaskancaud 3

The Petro-Canada gas bar was observed to store containers of bleach and other cleaning fluids as well as many 1-L containers of motor oil and 4-L jugs of windshield washer fluid.

6.4.3 Squaderee 91

The cabin was observed to have jerry cans of unknown usage beneath it.

6.4.4 Remaining Reserves

Chemical storage was not reported or observed to be present at the remaining six Reserves.

6.5 PCB Storage

The use of PCB dielectric fluids in electrical equipment such as transformers, fluorescent lamp ballast and capacitors was common up to about 1980. The Federal Chlorobiphenyls Regulations, SOR/91-152, prohibits the use of PCBs in the above electrical equipment installed after July 1, 1980.

Due to the age of the buildings on S1/2 Tsimpsean 2, it is possible that PCBs are present at that Reserve in electrical equipment; however, this was not observed during the reconnaissance. Furthermore, as identified during the interviews (Section 4.0), transformers from a small-scale electrical generating station were reportedly discarded and left along the roadside following the decommissioning of the generating station (decades ago), The transformers, which, based on their age, may have contained PCBs, were present at roadside until approximately 10 years ago. Given the amount of time that the transformers were reported to have been present at the roadside, they may have become damaged or rusted with potential for leaks of PCB-containing oils to ground surface. Golder was not able to confirm the location of the discarded transformers.

PCB storage was not reported or observed to be present at the remaining eight Reserves.

6.6 Discharges, Releases and Staining

6.6.1 S1/2 Tsimpsean 2

According to MFN representatives, the review of previous reports, and observations made during the Reserve reconnaissance, the following discharges, releases and staining were identified:

- A floor drain was present and staining was observed at the Work Shop.
- Staining was observed at the Fuel Storage Building, culverts were observed to run through Landfill #3.
- Municipal sewage is discharged into the ocean through sanitary sewers that lead to sewage outfalls.



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6.6.2 Wilnaskancaud 3

Minor staining was observed around the pumps at the Petro-Canada gas bar. Drains on-Reserve lead downslope to the east (towards the ocean).

6.6.3 Remaining Reserves

Discharges, releases, or staining was not reported or observed to be present at the remaining seven Reserves.

6.7 Lead-Based Paint

Although lead-based paints were banned from use on exterior or interior surfaces of buildings, furniture, or household products in the 1970s, various commercial paints are still known to contain lead in concentrations greater than 0.5 percent by mass (i.e., road paint).

During the Reserve reconnaissance, a number of structures were observed to have been possibly constructed prior to 1970 on S1/2 Tsimpsean 2. On this basis, lead-based paints are potentially present in the buildings on this Reserve, and in older building at other Reserve locations.

6.8 Asbestos-Containing Materials

Asbestos-containing materials (ACMs) can be found in plaster, mechanical insulation, gaskets, thermal insulation on pipes, refractory material, roofing felts, floor tiles, ceiling tiles and pargings, heat resistant panels, incandescent light fixture reflector plates and other material requiring a high degree of durability and/or thermal resistance. The common use of potential friable (breakable by hand) ACMs in construction voluntarily stopped in the mid-1970s.

During the Reserve reconnaissance, buildings potentially constructed prior to the mid-1970s were observed on the Reserves (excluding S1/2 Tsimpsean 2). Based on the age of the buildings, it is possible that ACMs are present.

During the Reserve reconnaissance, a number of structures were observed to have been possibly constructed prior to the mid-1970s on S1/2 Tsimpsean 2. On this basis, it is possible that ACMs are present in the buildings on this Reserve, and at other locations with older sheds or buildings.

6.9 Ozone-Depleting Substances

Commonly used equipment that could potentially contain ozone-depleting substances include aerosols, foam plastics, dry cleaning equipment, refrigeration systems, air conditioning units and some portable fire extinguishers.

The S1/2 Tsimpsean 2 and Wilnaskancaud 3, and Squaderee 91 contained buildings and/or structures that may have contained fire extinguishers and refrigeration units. No information was available regarding the type of refrigerant used. It is possible therefore, that these three Reserves may contain ozone-depleting substances.

Ozone-depleting substances are unlikely to be present at the remaining six Reserves.



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6.10 Radioactive Material

The Atomic Energy Control Regulations (C.R.C, C. 365) outline the licensing requirements for radioactive isotopes and substances capable of releasing atomic energy ("Prescribed Substance"). The Atomic Energy Control Regulations require licensing to import, export, use, transport or disposed of any Prescribed Substance. The Atomic Energy Control Regulations do not apply to naturally occurring radioactive Prescribed Substances that have not been related with any activity associated with the development or application or use of the atomic energy.

Radioactive material may be present in smoke detectors located in the buildings on S1/2 Tsimpsean 2 and Wilnaskancaud 3. Radioactive materials are unlikely to be present at the remaining seven Reserves.

6.11 Mercury

Mercury may be present in the switches, thermostats and florescent lighting in the buildings on S1/2 Tsimpsean 2 and Wilnaskancaud 3. Mercury is unlikely to be present at the remaining seven Reserves.

6.12 Natural Environment Receptors

6.12.1 Wetlands and Forests

Wetlands and forested areas were observed (and made up the majority of the Reserve area) in S1/2 Tsimpsean 2, Shoowahtlans 4, Tugwell Island 21, and Tuck Inlet 89, during the site reconnaissance. Each area had wetland areas located near water bodies and/or waterways present within or adjacent to them.

6.12.2 Surface Water

Each of the nine Reserves is located adjacent to the Pacific Ocean. Shoowahtlans 4 is located in close proximity to Shawatlan Lake, S1/2 Tsimpsean 2 encompasses lakes, streams, and ponds, and Tuck Inlet 89 is located in close proximity to a river.





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6.13 Summary of Environmental Concerns

Table 10, below, presents a summary of the environmental concerns identified at each of the Reserves during Reserve reconnaissance. Rushton Island 90 is not listed as it was not accessible during the reconnaissance. A summary of the identified APECs is provided in the following section.

Table 10: Reserve Reconnaissance Summary

Potential for Environmental Concern	S1/2 Tsimpsean 2	Wilnaskancaud 3	Shoowaht- lans 4	Tugwell Island 21	Tuck Inlet 89	Squaderee 91	Avery Island 92	Edye 93
Waste Management, Storage and Handling	Observed	Observed	Not Observed	Potential	Potential	Potential	Not Observed	Not Observed
Vehicle Storage (more than five)	Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Herbicides, Pesticides and Fertilizers	Potential	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
AST, USTs, Drums (former or current)	Observed	Observed	Not Observed	Potential	Potential	Observed	Not Observed	Not Observed
Chemical Storage	Observed	Observed	Not Observed	Not Observed	Not Observed	Potential	Not Observed	Not Observed
PCB Storage	Potential	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Discharges, Releases and Staining	Observed	Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Lead Based Paint	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Asbestos Containing Materials	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Ozone Depleting Substance	Potential	Potential	Not Observed	Not Observed	Not Observed	Potential	Not Observed	Not Observed
Radioactive Material	Potential	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Mercury	Potential	Potential	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed	Not Observed
Natural Environmental Receptors	Observed	Observed	Observed	Observed	Observed	Observed	Observed	Observed





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7.0 RESERVE SUMMARY

The following table is a summary of the nine Reserves included in the Phase I ESA. The table provides information on historical and current Reserve conditions and activities, and indicates whether further assessment activities are recommended at the individual Reserve (retained for further assessment).

Table 11: Reserve Summary

Table 11: Reserve Summary					
Reserve	Historical Activities	Current Conditions and Activities	Retained for Further Assessment?		
S1/2 Tsimpsean 2	Multiple industrial activities (logging, quarry, cannery, etc.). Used as a military base during World War II.	Portions of the Reserve are developed, and the Reserve is the primary residence of the MFN; the majority of the Reserve area is forested. Multiple industrial activities occur.	Yes Current and historical industrial activities on-Reserve. Fuel ASTs and USTs and waste storage on- Reserve. Abandoned vehicles and boats on-Reserve.		
Wilnaskancaud 3	Undeveloped.	Reserve is developed and used for commercial activities.	Yes Current usage as a service station (Petro-Canada). Miscellaneous refuse dumping area located off-Reserve.		
Shoowahtlans 4	Campsite and fish harvesting/trapping area.	Reserve is forested and undeveloped.	No		
Tugwell Island 21	Harvesting/trapping area; logging.	Reserve a mix of forested and clearings and is undeveloped except for a few recreational-use cabins.	No		
Tuck Inlet 89	Gardening; logging	Reserve is forested and undeveloped. Miscellaneous refuse (garbage) was observed on shorelines.	No		
Rushton Island 90	Campsite; harvesting/trapping area. Small village.	Reserve is forested and undeveloped.	No		
Squaderee 91	Campsite; harvesting/trapping area.	Reserve is forested and undeveloped with the exception of one recreational-use cabin, constructed in 2014.	No		
Avery Island 92	Campsite; harvesting/trapping area.	Reserve is forested and undeveloped.	No		
Edye 93	Undeveloped.	Reserve is forested and undeveloped.	No		







8.0 SUMMARY OF APECS AND OTHER POTENTIAL ISSUES

Based on the results of the Phase I ESA, a total of 12 on-site APECs were identified from two of the Reserves (S1/2 Tsimpsean 2 and Wilnaskancaud 3). Golder notes that the three landfills identified in the review of previous reports, interviews, and reconnaissance have been closed according to engineered design and no unacceptable risks to human or ecological health have been identified as part of site investigation and risk assessments; therefore, the landfills are not considered APECs.

The APECs, housekeeping issues, and other environmental concerns are summarized below. The location and description of the APECs, the corresponding PCOCs, and a list of recommended actions for each APEC is provided in Table 12, attached. Figures 4, 5 and 6 show the approximate APEC locations.

8.1 APECs – S1/2 Tsimpsean 2

8.1.1 APEC 1 – Gravel Pit

Multiple ASTs were reported at the S1/2 Tsimpsean 2 gravel pit, both historically and at present. ASTs were understood to generally be used for fuel storage. Hydrocarbon-like staining and evidence of leaks from ASTs was not observed; however, secondary containment was not observed and the potential for leaks and spills was identified as an environmental concern.

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater.

8.1.2 APEC 2 – Abandoned Motorboats and Refuse on Carolina Island Shoreline

Six abandoned motorboats and other refuse (discarded fuel tanks, batteries, engines) were observed along shorelines of Carolina Island, and had reportedly been present for multiple years. Golder identified the potential for leaks from the boats or other debris.

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater if soil is impacted.

8.1.3 APEC 3 – Abandoned Motorboats and Refuse on Metlakatla Village Shoreline

Remnants of old washing machines, rusted AST, fridge, other garbage, and abandoned boats were observed along the Metlakatla Village shoreline. Appliances were also reportedly dumped along the shoreline of the Reserve until approximately 20 years ago. Golder identified the potential for leaks of fuel from the boats or the old AST.

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater if soil is impacted.



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8.1.4 **APEC 4 – Work Shop**

Golder observed limited quantities of various chemical and fuel storage containers and hydrocarbon-like staining on the ground surface in the area of the work shop.

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater if soil is impacted

8.1.5 APECs 5 and 6 - Old Oil Sheds #1 and #2

Golder observed a former oil shed that was previously used for fuel storage (last used approximately one year ago). The shed was observed to now be used for small equipment (e.g., lawn mower) and empty drum storage. Multiple small spills of fuels were reported to have occurred on the ground surface.

Golder also observed the location of a second former oil shed that was previously used for fuel storage (last used more than five years ago). Multiple small spills of fuels were reported to have occurred on the ground surface.

Golder recommends investigating soil quality at the two APECs to assess potential impacts of historical fuel storage on soil quality, and to assess the potential for impacts to groundwater if soil is impacted.

8.1.6 APEC 7 – Band Office

Previous reports identified drums near the Band office, inferred to have contained fuel, and observed to be stored incorrectly without a containment system. Golder also understands that a pit behind the Band office was previously used for disposal of various waste and refuse (e.g., appliances, household waste, metal debris).

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater if soil is impacted

8.1.7 APEC 8 – Fuel Storage Building

Golder observed a fuel storage building located near the Reserve Transfer Station. Golder observed drums storing various fuels (i.e., mid-grade fuel, diesel, used oil) and noted potential for impacts to soil and groundwater quality related to possible spills. Golder observed limited hydrocarbon-like staining on the storage building floor (concrete).

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical and current activities on soil quality, and to assess the potential for impacts to groundwater if soil is impacted

8.1.8 APEC 9 – Former Maintenance Building and ASTs

A former maintenance building with associated aviation fuel ASTs (used by Shell) were present historically on Digby Island. Based on a review of previous reports, the ASTs were observed in 1994 but no longer present in 2006. Golder did not observe indications of the former ASTs (e.g., staining).

Golder recommends investigating soil quality at the APEC to assess potential impacts of historical activities on soil quality, and to assess the potential for impacts to groundwater.



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8.1.9 APEC 10 – Former Firing Range

The presence of a former World War II firing range at Dundas Point on Digby Island was reported during Reserve reconnaissance. Golder did observe fencing that was reportedly associated with the firing range, but the location could not be confirmed.

Golder recommends that additional investigation be conducted to confirm the location of the former firing range. If the location is confirmed, Golder recommends investigating soil quality be conducted to assess potential impacts of historical activities (i.e., from discarded shells, bullets), and to assess the potential for impacts to groundwater. Documentation with information about Dundas Point Battery, provided by MFN, is included in Appendix B.

8.1.10 APEC 11 – PCB-Containing Transformers

During interviews with MFN representatives, Golder understood that there was potential for PCB-containing transformers to have been discarded along a road near a former small-scale electrical generating station, and left there for many years. Given the amount of time that the transformers were reported to have been present at the roadside (decades), they may have become damaged or rusted with potential for leaks of PCB-containing oils to ground surface. The transformers were reportedly removed approximately 10 years ago; however, Golder was not able to confirm the location of the discarded transformers.

Golder recommends that additional investigation be conducted to confirm the former location of the discarded transformers. If the location is confirmed, Golder recommends investigating soil quality to assess potential impacts of the discarded transformers and to assess the potential for impacts to groundwater.

8.2 APECs – Wilnaskancaud 3

8.2.1 APEC 12 – Petro-Canada Service Station – Gas Bar, Rock Drainage Pit, and AST Area

Golder observed the Grassy Bay Petro-Canada service station, including a gas bar, convenience store, and ASTs. Small spills and leaks associated with ongoing vehicle fuelling activities at the gas bar may have impacted soil, groundwater, and soil vapour quality in the area of the gas bar.

Adjacent to the Petro-Canada gas bar is an AST storage area and rock drainage pit for discharge of site stormwater. Site stormwater (including runoff from the site asphalt surfaces) passes through an oil/water separator prior to discharge to the rock drainage pit; however, Golder considers there to be potential for environmental impacts on soil, groundwater, and soil vapour quality related to discharge of untreated site stormwater. Furthermore, Golder did not observe secondary containment (e.g., concrete berm) around the site ASTs, so there is potential that historic spills or leaks may have impacted the surrounding soil, groundwater, and soil vapour quality.

Golder recommends an investigation at the Petro-Canada gas bar, rock drainage pit, and AST area to assess soil, groundwater, and soil vapour quality in the areas. PCOCs include CWS PHC F1 – F4, PAHs, BTEX, VPH, and metals.



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8.3 Data Gaps

The following data gaps have been noted based on the historical document review, interviews, and Reserve visits:

■ PCB-containing transformer storage area at S1/2 Tsimpsean 2: transformers removed from the electrical generating station were reportedly stored along a road. The specific location is unknown.

8.4 Housekeeping Issues and Other Environmental Concerns

The following environmental concerns or housekeeping issues were noted during the field reconnaissance visits or interviews. The concerns and issues are described below.

8.4.1 Housekeeping 1, 2, and 3 – Miscellaneous Refuse, Tugwell Island 21, Tuck Inlet 89, and Squaderee 91

Golder observed miscellaneous refuse in the area of a cabin and fire pit at Tugwell Island 21, along shoreline areas at Tuck Inlet 89, and around a cabin at Squaderee 91. The refuse generally included residential garbage and debris, generators, a boat motor, jerry cans, empty drums and small ASTs, and appliances.

Golder recommends that housekeeping practices be modified including removing and disposing refuse from shoreline and cabin areas and/or removing and properly disposing materials that are no longer in use at appropriate off-site locations.

8.4.2 Other Environmental Concern 1 – Sewage Outfall Locations, S1/2 Tsimpsean 2

Sewage outfalls were located near the southern point of S1/2 Tsimpsean 2, at a point on the shoreline above the low tide line. Previous investigations have recommended that the outfalls be extended to a point beyond the low tide line to reduce potential impacts to human and ecological receptors. A new lagoon system is currently under construction for treatment of sewage and should be completed in 2015. The sewage lagoon project was initiated to ensure that wastewater regulations governing ocean discharge are met. Completion of this project should address this concern.



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9.0 LIMITATIONS

This report was prepared for the exclusive use of Metlakatla First Nation and is intended to provide an assessment of potential environmental concerns associated with the subject Reserves. The inferences concerning the Reserves conditions contained in this report are based on information obtained during the assessment conducted by Golder personnel, and are based solely on the condition of the property at the time of the reconnaissance, supplemented by historical and interview information obtained by Golder, as described in this report.

Golder Associates Ltd. makes no warranty, expressed or implied, and assumes no liability with respect to the use of the information contained in this report at the subject Reserves, or any other site, for other than its intended purpose.

This report was prepared, based in part, on information obtained from historic information sources and interviews. In evaluating the subject Reserves, Golder has relied in good faith on information provided. We accept no responsibility for any deficiency or inaccuracy contained in this report as a result of our reliance on the aforementioned information.

The findings and conclusions documented in this report have been prepared for the specific application to this project, and have been developed in a manner consistent with that level of care normally exercised by environmental professionals currently practicing under similar conditions in the jurisdiction. Golder makes no other warranty, expressed or implied.

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If new information is discovered during future work, including excavations, soil borings, or other investigations, Golder should be requested to re-evaluate the conclusions of this report and to provide amendments, as required, prior to any reliance upon the information presented herein.

This report was not prepared for, and does not contain sufficient information for, the purposes of submission to British Columbia Ministry of Environment (MoE) for review under the Contaminated Sites program. The report may not be relied upon by MoE or by others, without Golder's expressed written consent.





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10.0 CLOSURE

We trust this report provides you with the information you require at this time.

Should you have any questions regarding the contents of this report, or require any further information, please do not hesitate to contact the undersigned.

GOLDER ASSOCIATES LTD.

Tanner Jerreat-Poole, B.E.Sc., E.I.T.

Environmental Engineer

Kelly J. Baltz, M.Eng. Associate

Kelly Balt

TJP/KB/syd

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PHASE I ESA - METLAKATLA FIRST NATION

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Phase I Environmental Site Assessment Nine Reserves Metlakatla First Nation Prince Rupert, BC

Site/Area	Latitude/Longitude (Approximate Centre of APEC or Point Source)	Potential Contaminants of Concern	Description of Contamination or Risk	Recommended Action		
S1/2 Tsimpsean 2	S1/2 Tsimpsean 2					
APEC 1 – Gravel Pit	54°20'29"N 130°26'9"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Multiple mobile and non-mobile ASTs present on-site currently and historically. Presence of secondary containment not noted.	Complete test pit or drilling assessment of soil quality in the area. If contamination is encountered, follow-up borehole drilling should be completed to determine its extent and groundwater quality should be evaluated through installation and sampling of monitoring wells.		
APEC 2 – Abandoned Motorboats and Refuse on Carolina Island Shoreline	54°20'15"N 130°25'57"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Six abandoned boats (have been present long-term) as well as discarded fuel tanks, batteries, and engines present on island shoreline.	Complete test pit or drilling assessment of soil quality in the area. If contamination is encountered, follow-up borehole drilling should be completed to determine its extent and groundwater quality should be evaluated through installation and sampling of monitoring wells.		
APEC 3 – Abandoned Motorboats and Refuse on Metlakatla Village Shoreline	54°20'17"N 130°26'32"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Multiple long-term abandoned boats as well as fuel tanks, batteries, and engines present on shoreline.	Complete test pit or drilling assessment of soil quality in the area. If contamination is encountered, follow-up borehole drilling should be completed to determine its extent and groundwater quality should be evaluated through installation and sampling of monitoring wells.		
APEC 4 – Work Shop	54°20'20"N 130°26'31"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Limited chemical and fuel storage present, and hydrocarbon-like staining observed.	Complete test pit assessment of soil quality in the area. If contamination is encountered, follow-up borehole drilling should be completed to determine its extent and groundwater contamination should be evaluated through installation and sampling of monitoring wells.		
APEC 5 – Old Oil Shed #1	54°20'13"N 130°26'35"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Reported possible leakage of more than 200 L of oil historically at the shed. Shed currently used for small equipment storage; last used for fuel storage approximately one year ago.	Complete test pit or drilling assessment of soil quality in the area of the oil shed. If contamination is encountered, borehole drilling should be completed to determine its extent and groundwater contamination should be evaluated through installation and sampling from monitoring wells.		
APEC 6 – Old Oil Shed #2	54°20'10"N 130°26'34"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Reported possible leakage of more than 200 L of oil historically at the shed. Shed no longer present; last used more than five years ago.	Complete test pit or drilling assessment of soil quality in the area of the oil shed. If contamination is encountered, borehole drilling should be completed to determine its extent and groundwater contamination should be evaluated through installation and sampling from monitoring wells.		
APEC 7 - Band Office	54°20'13"N 130°26'39"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Drums (inferred to contain fuel) near the Band office were previously reported to be stored incorrectly without a containment system. Golder also understands that a pit behind the Band office was previously used for disposal of various waste and refuse (e.g., appliances, household waste, metal debris).	Complete test pit assessment of soil quality in the area. If contamination is encountered, follow-up		
APEC 8 - Fuel Storage Building (Transfer Station)	54°20'15"N 130°27'28"W		Drums storing various fuels (i.e., mid-grade fuel, diesel, used oil) were observed near the fuel storage building located near the Reserve Transfer Station. Golder noted potential for impacts to soil and groundwater quality related to possible spills. Golder observed limited hydrocarbon-like staining on the storage building concrete floor.	Complete test pit assessment of soil quality in the area. If contamination is encountered, follow-up borehole drilling should be completed to determine its extent and groundwater contamination.		
APEC 9 - Former Maintenance Building and ASTs (Digby Island)	54°18'42"N 130°24'21"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals	Located on Digby Island. Maintenance building and ASTs associated with aviation (used by Shell Canada Limited) demolished and removed a couple years previously. Assessment not completed following removal to determine condition of media at that time.	Complete test pit assessment of soil quality in the area. If contamination is encountered, borehole drilling should be completed to determine its extent and groundwater contamination should be evaluated through installation and sampling from monitoring wells.		
APEC 10 - Former Firing Range (Digby Island)	54°19'21"N 130°24'56"W	Soil: metals Groundwater: metals	Located on Digby Island at Dundas Point. Used as a firing range throughout WWII. Possible presence of historical bullets and shells throughout area.	Confirm location of the former firing range. Complete test pit assessment of soil quality in the area. If contamination is encountered, borehole drilling should be completed to determine its extent and groundwater quality should be evaluated through installation and sampling of monitoring wells.		
APEC 11 - PCB-Containing Transform	Specific Location Unknown, Data Gap	Soil: PCBs Groundwater: PCBs	Along roadway of S1/2 Tsimpean 2, near former small-scale electrical generating station; specific location unknown. Transformers (possibly containing PCBs) left along roadside following decommissioning of the generating station for a period of decades. Transformers may have rusted or been damaged, with potential for leaks from transformers to ground surface. Transformers no longer present.	Obtain additional information to determine where the transformers were located. If transformer storage location is identified, complete surficial soil sampling in area.		
Wilnaskancaud 3						
APEC 12 – Petro-Canada Service Station - Gas Bar, Rock Drainage Pit, and AST Area	54°18'50"N 130°16'2"W	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Vapour: CWS PHC F1, BTEX, VPH and methane	Possible leaks and spills from ongoing vehicle fuelling activities at the gas bar may have impacted soil, groundwater, and soil vapour quality. Possible impacts from discharge of stormwater to the rock drainage pit and potential leaks and spills during fuel transfer and use of ASTs.	Complete a soil vapour survey to assess subsurface conditions in the fuel dispensing areas. If contamination is encountered, complete additional investigation work to evaluate possible impacts to groundwater. Complete a soil vapour survey to assess subsurface conditions in the fuel storage areas. If contamination is encountered, complete additional investigation work to evaluate possible impacts to groundwater. Complete a soil and soil vapour investigation of the rock drainage pit area. If contamination is present, complete additional investigation for possible impacts to groundwater. Determine whether fuel tanks are registered in accordance with the Canadian Environmental Protection Act's Petroleum and Allied Petroleum Products Storage Tanks Regulations.		

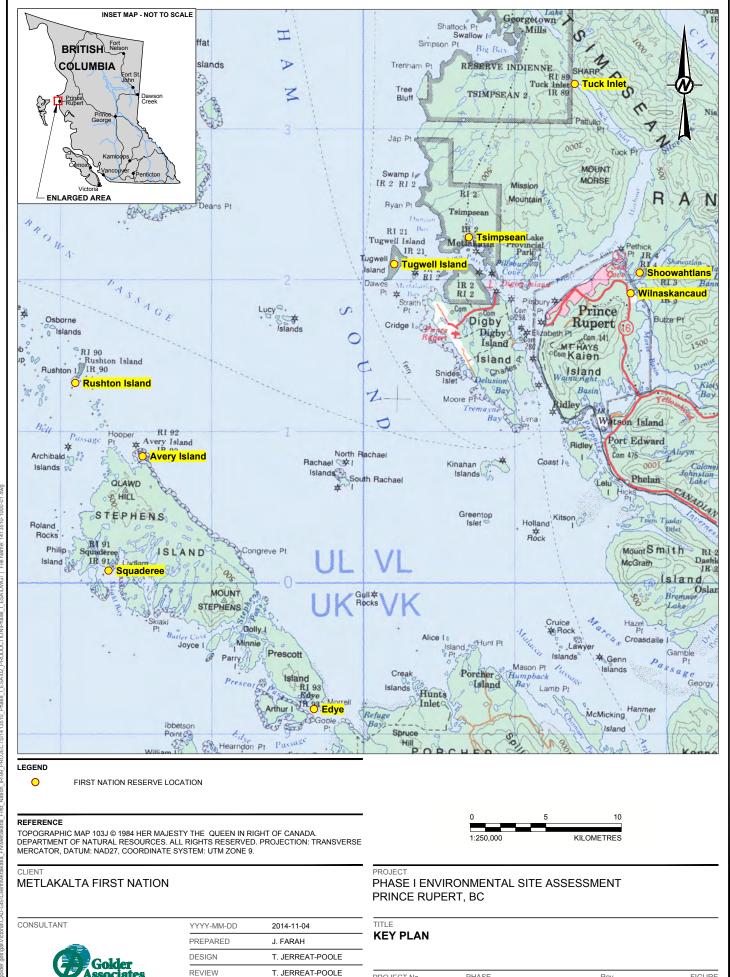
Acronyms:

APEC = area of potential environmental concern
AST = above ground storage tank

BTEX = benzene, toluene, ethylbenzene, xylene
CWS PHC F1-F4 = Canada Wide Standard Petroleum Hydrocarbon Fraction 1 - Fraction 4

PAH = polycyclic aromatic hydrocarbons
PCB = polychlorinated biphenyls
VPH = volatile petroleum hydrocarbons

5/8/2015



PHASE

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PROJECT No

1413510

APPROVED

K. BALTZ

FIGURE

Rev

0



REFERENCES

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CLIENT
METLAKALTA FIRST NATION

CONSULTANT

YYYY-MIM-DD	2014-11-04		
PREPARED	J. FARAH		
DESIGN	T. JERREAT-POOLE		
REVIEW	T. JERREAT-POOLE		
APPROVED	K. BALTZ		

PROJECT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
PRINCE RUPERT, BC

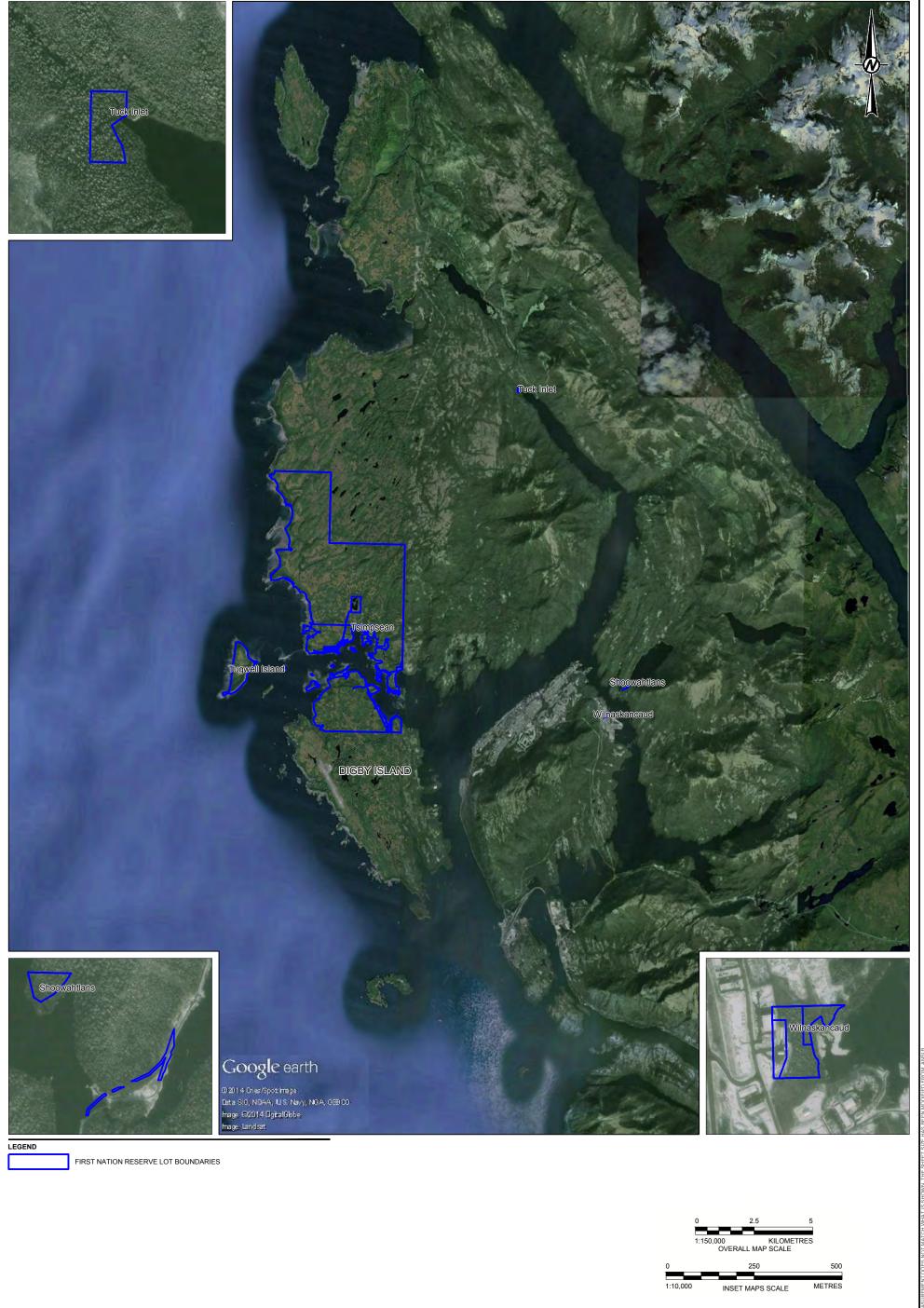
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SITE PLAN (WEST)

PROJECT No. PHASE Rev. FIGURE 1413510 1000 0 2

INSET MAPS SCALE

25 mm IF THIS MEASURE



REFERENCES
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NOT TO SCALE.

CLIENT
METLAKALTA FIRST NATION

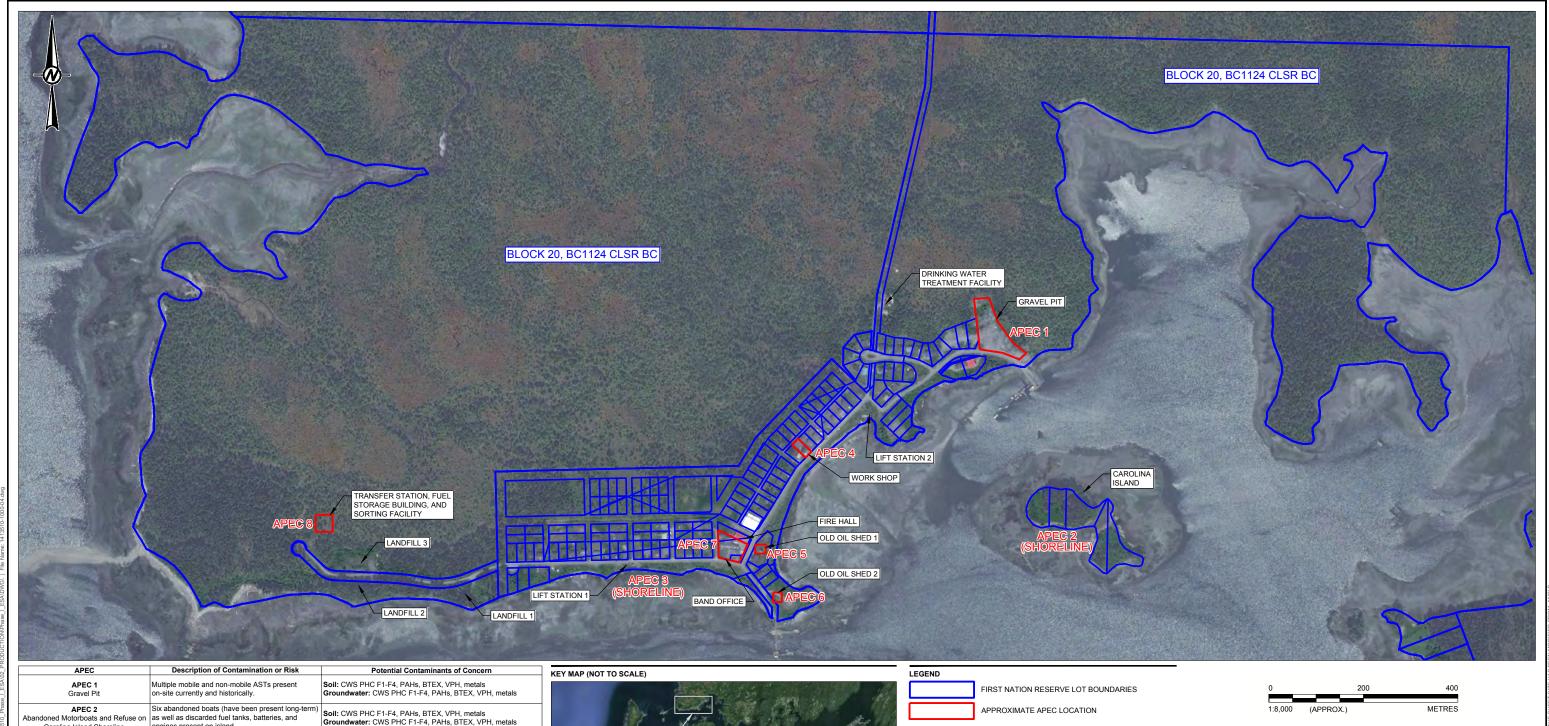
CONSULTANT

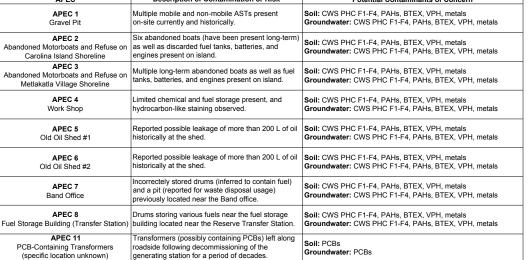
T. JERREAT-POOLE		
OLE		

PROJECT
PHASE I ENVIRONMENTAL SITE ASSESSMENT
PRINCE RUPERT, BC

SITE PLAN (EAST)

ROJECT No.	PHASE	Rev.	FIGURE
413510	1000	0	3







AREA OF POTENTIAL ENVIRONMENTAL CONCERN ABOVE GROUND STORAGE TANK

POLYCHLORINATED BIPHENYLS
PETROLEUM HYDROCARBON FRACTION 1 - FRACTION 4
VOLATILE PETROLEUM HYDROCARBONS

BENZENE, TOLUENE, ETHYLBENZENE, XYLENE

POLYCYCLIC AROMATIC HYDROCARBONS

CANADA-WIDE STANDARD

METLAKALTA FIRST NATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT PRINCE RUPERT, BC

CONSULTANT

PROJECT No. 1413510

SUMMARY OF APECS: S1/2 TSIMPSEAN 2 (NORTH)

YYYY-MM-DD		2015-01-12		
PREPARED		L. LOVE		
DESIGN		T. JERREAT-POOLE		
REVIEW		T. JERREAT-POOLE		
APPROVED		K. BALTZ		
	Rev.	FIGURE		

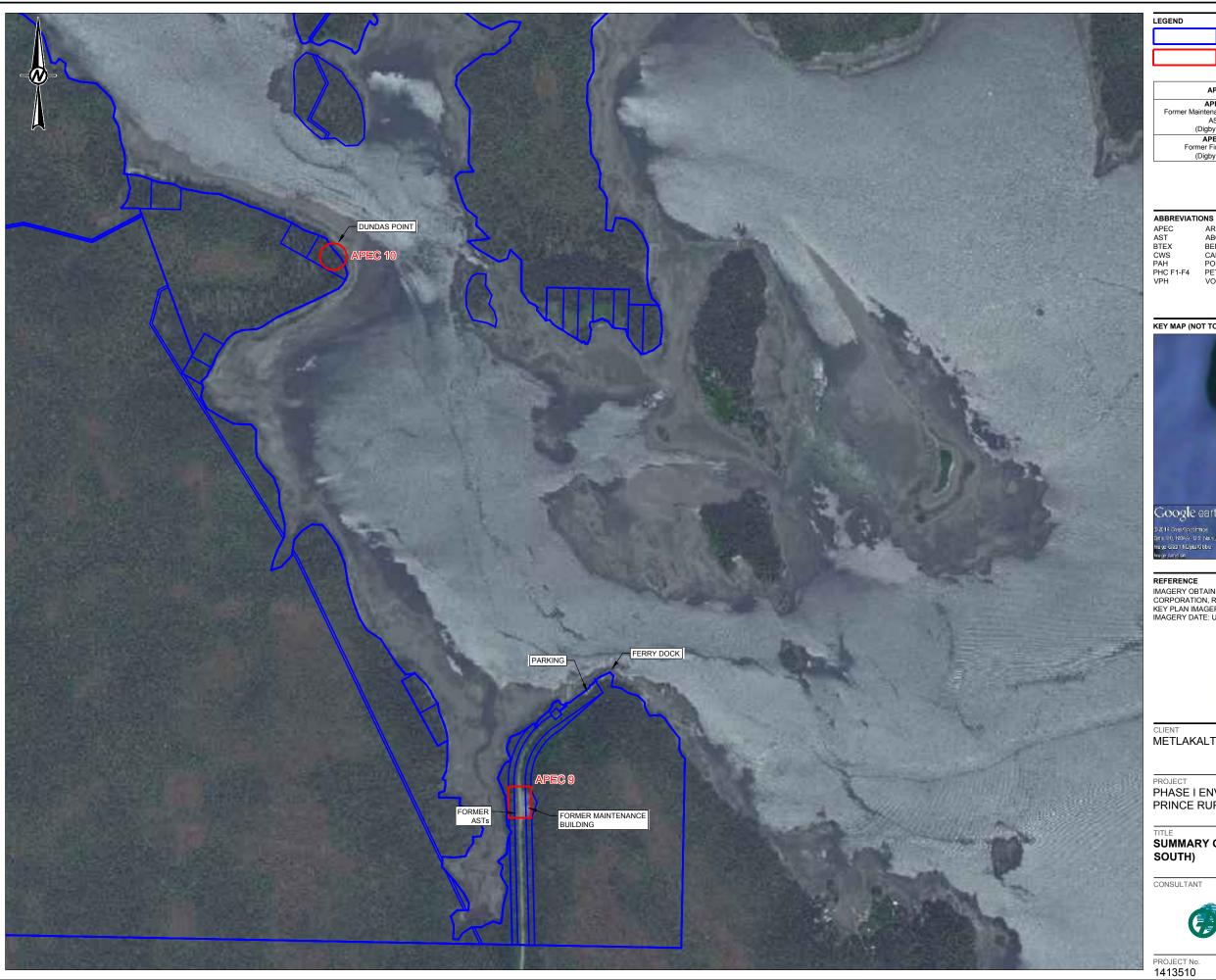
REFERENCE

ABBREVIATIONS

PAH

IMAGERY OBTAINED FROM BING MAPS FOR ARCGIS PUBLISHED BY MICROSOFT CORPORATION, REDMOND, WA. MAY 2009. KEY PLAN IMAGERY OBTAINED FROM GOOGLE EARTH PRO, USED UNDER LICENSE. IMAGERY DATE: UNKNOWN. GOOGLE EARTH IMAGE IS

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FIRST NATION RESERVE LOT BOUNDARIES



APPROXIMATE APEC LOCATION

APEC	Description of Contamination or Risk	Potential Contaminants of Concern
APEC 9 Former Maintenance Building and ASTs (Digby Island)	ASTs associated with	Soil: CWS PHC F1-F4, PAHs, BTEX, VPH, metals Groundwater: CWS PHC F1-F4, PAHs, BTEX, VPH, metals
APEC 10 Former Firing Range (Digby Island)	Possible presence of historical bullets and shells throughout area.	Soil: metals Groundwater: metals

ABBREVIATIONS

APEC AREA OF POTENTIAL ENVIRONMENTAL CONCERN
AST ABOVE GROUND STORAGE TANK
BTEX BENZENE, TOLUENE, ETHYLBENZENE, XYLENE
CWS CANADA-WIDE STANDARD
PAH POLYCYCLIC AROMATIC HYDROCARBONS
PHC F1-F4 PETROLEUM HYDROCARBONS
VPH VOLATILE PETROLEUM HYDROCARBONS

KEY MAP (NOT TO SCALE)



IMAGERY OBTAINED FROM BING MAPS FOR ARCGIS PUBLISHED BY MICROSOFT CORPORATION, REDMOND, WA, MAY 2009.

KEY PLAN IMAGERY OBTAINED FROM GOOGLE EARTH PRO, USED UNDER LICENSE. IMAGERY DATE: UNKNOWN. GOOGLE EARTH IMAGE IS NOT TO SCALE.



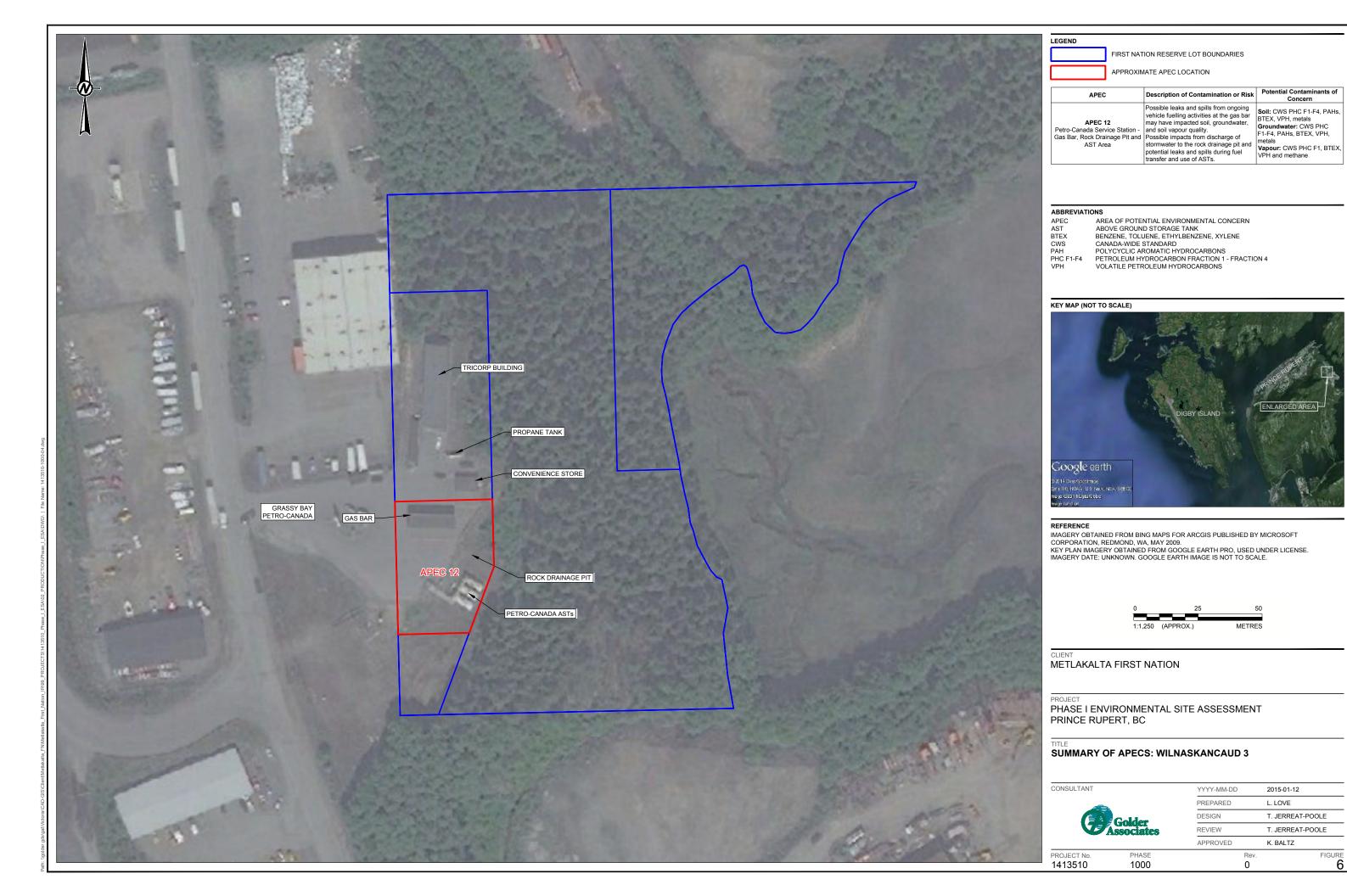
METLAKALTA FIRST NATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT PRINCE RUPERT, BC

SUMMARY OF APECS: S1/2 TSIMPSEAN 2 (DIGBY ISLAND -

YYYY-MM-DD	2015-02-17
PREPARED	J. FARAH
DESIGN	T. JERREAT-POOLE
REVIEW	T. JERREAT-POOLE
APPROVED	K. BALTZ

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25 mm | F THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN M



APPENDIX A

Environment Canada Canadian Climate Normals 1981 – 2010







Climate

Home > Data > Climate Normals & Averages

Canadian Climate Normals 1981-2010 Station Data

The minimum number of years used to calculate these Normals is indicated by a code for each element. A "+" beside an extreme date indicates that this date is the first occurrence of the extreme value. Values and dates in bold indicate all-time extremes for the location.

Data used in the calculation of these Normals may be subject to further quality assurance checks. This may result in minor changes to some values presented here.

		PRINCE RU BRITISH CO			
<u>Latitude</u> :	54°17'33.000" N	Longitude:	130°26'41.000" W	Elevation :	35.40 m
Climate ID :	1066481	WMO ID:		TC ID:	

▼ Temperature

					I	empera	<u>ature</u>							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Daily Average (° C)	2.4	2.7	4.2	6.4	9.0	11.6	13.4	13.8	11.5	8.0	4.3	2.7	7.5	<u>C</u>
Standard Deviation	2.4	1.9	1.4	1.0	1.1	0.7	0.7	0.8	0.7	0.9	2.1	2.0	1.2	<u>C</u>
Daily Maximum (° C)	5.6	6.1	7.7	10.2	12.6	14.7	16.2	17.0	14.9	11.1	7.3	5.5	10.8	<u>C</u>
Daily Minimum (° C)	-0.8	-0.7	0.6	2.5	5.4	8.4	10.5	10.6	8.0	4.9	1.3	-0.2	4.2	<u>C</u>
Extreme Maximum (° C)	17.6	18.9	18.5	25.5	27.9	31.1	27.8	28.7	27.0	21.7	18.9	18.9		
Date (yyyy/dd)	1986/ 13	1992/ 27	1994/ 28	2005/ 23	1993/ 13	2004/ 18	1976/ 30	1977/ 14	1989/ 08	1987/ 01	1962/ 02	1962/ 12		
Extreme Minimum (° C)	-24.4	-18.1	-17.2	-7.1	-3.7	1.1	2.8	2.8	-2.2	-11.3	-20.6	-22.8		
Date (yyyy/dd)	1965/ 04	1986/ 18	1976/ 02	1990/ 07	2002/ 06	1963/ 07	1972/ 01	1969/ 23	1972/ 26	1984/ 31	1985/ 26	1968/ 28		

▼ Precipitation

					<u> </u>	Precipi	tation							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Rainfall (mm)	252.9	167.1	188.4	169.6	137.5	108.7	118.7	169.1	266.3	373.4	306.9	271.7	2530.4	<u>C</u>
Snowfall (cm)	26	19	12	3	0	0	0	0	0	0	10	23	92	<u>C</u>
Precipitation (mm)	276.3	185.6	199.6	172.4	137.6	108.8	118.7	169.1	266.3	373.6	317.0	294.2	2619.1	<u>C</u>
Average Snow Depth (cm)	2	2	1	0	0	0	0	0	0	0	0	1	0	<u>C</u>

						Precipi	itation							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Median Snow Depth (cm)	1	1	0	0	0	0	0	0	0	0	0	0	0	<u>C</u>
Snow Depth at Month- end (cm)	2	2	0	0	0	0	0	0	0	0	1	1	1	<u>C</u>
Extreme Daily Rainfall (mm)	84.0	100.6	58.4	98.6	56.8	64.2	67.2	89.0	118.2	107.8	73.6	93.2		
Date (yyyy/dd)	1982/ 08	1997/ 15	2003/ 28	1972/ 26	1979/ 25	1987/ 11	1988/ 23	2001/ 25	1983/ 25	1986/ 05	1993/ 19	1990/ 07		
Extreme Daily Snowfall (cm)	40	26	22	10	2	0	0	0	0	4	20	30		
Date (yyyy/dd)	1973/ 20	1982/ 16	1995/ 07	1972/ 05	1964/ 12	1962/ 08	1962/ 01	1962/ 01	1994/ 06	1984/ 29	1977/ 17	2000/ 15		
Extreme Daily Precipitation (mm)	84.0	100.6	58.4	98.6	56.8	64.2	67.2	89.0	118.2	107.8	73.6	93.2		
Date (yyyy/dd)	1982/ 08	1997/ 15	2003/ 28	1972/ 26	1979/ 25	1987/ 11	1988/ 23	2001/ 25	1983/ 25	1986/ 05	1993/ 19	1990/ 07		
Extreme Snow Depth (cm)	76	66	41	10	8	0	0	0	0	70	23	43		
Date (yyyy/dd)	1965/ 09	1969/ 05	1972/ 08	1972/ 06	1986/ 01	1962/ 01	1962/ 01	1962/ 01	1962/ 01	1994/ 20	1970/ 29	1964/ 14		

▼ Days with Maximum Temperature

		Days	with	Max	imum	Tem	perat	ure						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
<= 0 °C	3.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1.0	2.0	7.8	<u>C</u>
> 0 °C	27.8	27.3	30.5	30.0	31.0	30.0	31.0	31.0	30.0	30.9	29.0	29.0	357.5	<u>C</u>
> 10 °C	2.8	2.7	5.9	13.4	26.1	29.8	31.0	31.0	29.8	21.2	5.2	2.3	201.2	<u>C</u>
> 20 °C	0.0	0.0	0.0	0.5	0.8	8.0	1.2	2.5	0.6	0.0	0.0	0.0	6.4	<u>C</u>
> 30 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>
> 35 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>

▼ Days with Minimum Temperature

		<u>Day</u>	s with	n Min	<u>imum</u>	Tem	perat	ure						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
> 0 °C	15.6	13.4	18.2	23.4	29.9	30.0	31.0	31.0	29.5	27.2	20.3	16.4	285.9	<u>C</u>
<= 2 °C	19.9	19.6	17.8	13.0	4.4	0.1	0.0	0.0	1.3	6.8	15.6	20.1	118.8	<u>C</u>
<= 0 °C	15.4	14.8	12.4	6.5	1.1	0.0	0.0	0.0	0.2	3.8	9.6	14.6	78.3	<u>C</u>
< -2 °C	9.3	9.8	7.5	1.8	0.1	0.0	0.0	0.0	0.0	1.0	5.1	8.3	42.9	<u>C</u>
< -10 °C	2.7	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	1.7	7.0	<u>C</u>
< -20 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>

		<u>Day</u>	s with	<u>Mini</u>	<u>imum</u>	Tem	perat	<u>ure</u>						
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Year Code														
< - 30 °C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>

▼ Days with Rainfall

			Di	ays w	ith R	ainfa	<u>II</u>							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
>= 0.2 mm	20.4	16.4	20.3	19.4	18.3	17.3	17.5	17.5	19.8	24.2	23.4	21.5	235.9	<u>C</u>
>= 5 mm	13.2	9.8	11.1	10	8.7	6.9	7.5	9.2	11.9	17.9	15.6	14.4	136.2	<u>C</u>
>= 10 mm	8.7	6	7	5.6	4.8	3.5	4.3	6.1	8.9	13	11	9.7	88.6	<u>C</u>
>= 25 mm	2.8	1.3	1.3	1.2	0.79	0.58	0.71	1.4	3	4.5	3.5	2.9	24.1	<u>C</u>

▼ Days With Snowfall

			Day	ys Wi	th Sn	owfa	Ш							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
>= 0.2 cm	5	4.2	3.6	1.2	0.08	0	0	0	0.04	0.20	2.9	4.6	21.7	<u>C</u>
>= 5 cm	1.8	1.4	0.72	0.16	0	0	0	0	0	0	0.63	1.7	6.3	<u>C</u>
>= 10 cm	0.60	0.58	0.28	0	0	0	0	0	0	0	0.21	0.74	2.4	<u>C</u>
>= 25 cm	0.08	0.08	0	0	0	0	0	0	0	0	0	0.04	0.20	<u>C</u>

▼ Days with Precipitation

			Days	with	Prec	ipitat	tion								
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	
>= 0.2 mm	>= 0.2 mm 22.5 18.5 21.7 19.6 18.3 17.3 17.5 17.5 19.8 24.2 23.8 22.8 243.5 C														
>= 5 mm	14.9	11.2	12.2	10.1	8.7	6.9	7.5	9.2	11.9	17.9	16.2	15.7	142.4	<u>C</u>	
>= 10 mm	9.5	6.8	7.6	5.8	4.8	3.5	4.3	6.1	8.9	13.0	11.3	10.7	92.3	<u>C</u>	
>= 25 mm	2.9	1.4	1.3	1.2	0.8	0.6	0.7	1.4	3.0	4.5	3.6	3.1	24.7	<u>C</u>	

▼ Days with Snow Depth

			Days	with	Snov	v Dep	<u>oth</u>								
	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Year Co														
>= 1 cm	7.4	5.3	2	0.17	0.08	0	0	0	0	0.16	1.7	3.7	20.5	<u>D</u>	
>= 5 cm	4.5	3	0.90	0	0.08	0	0	0	0	0.04	0.18	1.6	10.2	<u>D</u>	
>= 10 cm	2.9	2	0.57	0	0	0	0	0	0	0.04	0.09	0.94	6.5	<u>D</u>	
>= 20 cm	0.86	0.95	0.24	0	0	0	0	0	0	0.04	0	0	2.1	<u>D</u>	

▼ Wind

						<u>Wi</u>	<u>nd</u>							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Speed (km/h)	13.8	13.2	13.6	13.1	11.7	10.3	8.9	9.0	10.3	13.1	13.7	13.8	12.0	<u>C</u>
Most Frequent Direction	SE	SE	SE	SE	S	W	W	S	S	SE	SE	SE	SE	<u>C</u>
Maximum Hourly	89	74	70	74	64	55	64	54	74	93	89	87		

						Wi	<u>nd</u>							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Speed (km/h)														
Date (yyyy/dd)	1986/ 13	1976/ 22	1977/ 11	1970/ 05	1971/ 10	1967/ 27	1970/ 06	1999/ 28	1988/ 28	1964/ 18	1968/ 28	1981/ 18		
Direction of Maximum Hourly Speed	SE	S	SE	S	SE	SE	SE	S	S	SE	SE	SE		
Date (yyyy/dd)	1986/ 13	1976/ 22	1977/ 11	1970/ 05	1971/ 10	1967/ 27	1970/ 06	1999/ 28	1988/ 28	1964/ 18	1968/ 28	1981/ 18		
Maximum Gust Speed (km/h)	115	113	113	109	96	76	64	70	96	135	137	133		
Date (yyyy/dd)	1986/ 13	1972/ 19	1971/ 01	1968/ 29	1987/ 03	1984/ 27	1970/ 06	1991/ 08	1988/ 28	1964/ 18	1968/ 28	1981/ 18		
Direction of Maximum Gust	SE	S	SE	S	SE	SE	SE	SE	S	SE	SE	SE		
Date (yyyy/dd)	1986/ 13	1972/ 19	1971/ 01	1968/ 29	1987/ 03	1984/ 27	1970/ 06	1991/ 08	1988/ 28	1964/ 18	1968/ 28	1981/ 18		

▼ Degree Days

	<u>Degree Days</u>													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Above 24 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	<u>C</u>
Above 18 °C	0	0	0	0	0	0.5	0.1	0.1	0	0	0	0	0.7	<u>C</u>
Above 15 °C	0	0	0	0	0.3	1.8	3.4	6.1	1.1	0	0	0	12.8	<u>C</u>
Above 10 °C	0.3	0.5	0.1	2.9	15.1	52.1	106	117.9	54.1	10.2	0.8	0.1	360.1	<u>C</u>
Above 5 °C	19.2	13.8	22.3	53.2	125	197.7	260.9	272.8	194.4	101.6	29.5	16.9	1307.2	<u>C</u>
Above 0 °C	106.3	94.1	135.9	193.4	279.4	347.7	415.9	427.8	344.4	250.2	139.4	105.4	2839.7	<u>C</u>
Below 0 °C	32.8	16.1	5.8	0	0	0	0	0	0	0.8	11.7	21.9	89.1	<u>C</u>
Below 5 °C	100.7	77.1	47.2	9.8	0.6	0	0	0	0	7.2	51.8	88.4	382.8	<u>C</u>
Below 10 °C	236.7	205.1	180.1	109.5	45.7	4.5	0.1	0.1	9.7	70.8	173.1	226.6	1,262	<u>C</u>
Below 15 °C	391.4	345.9	334.9	256.6	186	104.2	52.5	43.3	106.7	215.6	322.3	381.5	2741.1	<u>C</u>
Below 18 °C	484.4	430.7	427.9	346.6	278.6	192.8	142.2	130.3	195.7	308.6	412.3	474.5	3824.7	<u>C</u>

▼ Bright Sunshine

	Bright Sunshine													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Total Hours	40.1	65.2	103.0	145.8	171.1	154.5	149.7	149.7	115.7	72.4	43.0	32.1	1242.1	D
Days with measureable	14.7	17.2	22.0	24.7	25.6	24.2	25.2	24.8	22.9	20.6	16.6	13.3	251.5	D
% of possible daylight hours	16.2	23.8	28.1	34.6	34.5	30.1	29.1	32.4	30.2	22.1	16.7	13.9	26.0	<u>D</u>
Extreme Daily	7.8	9.6	11.5	14.3	15.6	16.2	15.7	14.6	12.2	9.5	9.0	7.2		

	Bright Sunshine													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Date	1988/	1989/	1983/	1984/	1966/	1965/	1972/	1980/	2000/	1967/	1970/	1985/		
(yyyy/dd)	(yyyy/dd) 30 28 21 26 31 29 03 11 02 03 04 01													

▼ Humidex

						Humid	ex							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Extreme Humidex	17.2	18.6	17.9	22.8	29.3	31.9	29.1	31.6	28.5	23.4	19.3	16.1		
Date (yyyy/dd)	1986/ 13	1992/ 26	1994/ 28	1976/ 28	1983/ 29	2004/ 18	1976/ 30	1977/ 14	1988/ 03	1969/ 07	1962/ 02	1962/ 12		
Days with Humidex >= 30	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	<u>C</u>
Days with Humidex >= 35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>
Days with Humidex >= 40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>

▼ Wind Chill

						Wind (<u>Chill</u>							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Extreme Wind Chill	-34	-25	-23	-11	-5	0	0	0	-6	-17	-28	-31		
Date (yyyy/dd)	1965/ 04	1989/ 01	1976/ 02	1966/ 12	1962/ 05	1962/ 01	1962/ 01	1961/ 16	1972/ 26	1984/ 31	1985/ 26	1968/ 28		
Days with Wind Chill < -20	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.9	<u>C</u>
Days with Wind Chill < -30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>
Days with Wind Chill < -40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<u>C</u>

▼ Humidity

<u>Humidity</u>														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Average Vapour Pressure (kPa)	0.6	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.2	0.9	0.7	0.6	0.9	<u>C</u>
Average Relative Humidity - 0600LST (%)	85.4	83.3	84.2	87	89.3	90.9	93.4	94	92.6	89	85.5	84.2	88.2	<u>C</u>
Average Relative Humidity - 1500LST (%)	78.5	71.5	68.1	67.7	71.2	75	77.6	77.7	76.1	77.5	77.6	80.2	74.9	<u>C</u>

▼ Pressure

<u>Pressure</u>														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Average Station Pressure (kPa)	100.6	100.7	100.7	100.9	101.1	101.2	101.4	101.3	101.1	100.8	100.5	100.6	100.9	<u>C</u>
Average Sea Level Pressure (kPa)	101	101.1	101.2	101.4	101.5	101.6	101.8	101.7	101.6	101.2	100.9	101.1	101.3	<u>C</u>

▼ Frost-Free

1981 to 2010 Canadian Climate Normals station data (Frost-Free)

<u>Frost-Free</u>							Code		
Average Date of Last Spring Frost	May 03	3					<u>D</u>		
Average Date of First Fall Frost									
Average Length of Frost-Free Period	161 Days								
Probability of last temperature in spring of 0 °C or lower on or after indicated dates	10%	25%	33%	50%	66%	75%	90%		
Date	May 23	May 17	May 14	May 09	May 01	Apr 29	Apr 21		
Probability of first temperature in fall of 0 °C or lower on or after indicated dates	10%	25%	33%	50%	66%	75%	90%		
Date	Sep 27	Oct 06	Oct 07	Oct 14	Oct 17	Oct 24	Nov 01		
Probability of frost-free period equal to or less than indicated period (Days)	10%	25%	33%	50%	66%	75%	90%		
Days	134	148	150	156	167	171	183		

Legend

- A = WMO "3 and 5 rule" (i.e. no more than 3 consecutive and no more than 5 total missing for **either** temperature **or** precipitation)
- B = At least 25 years
- C = At least 20 years
- D = At least 15 years

Date modified: 2014-05-15

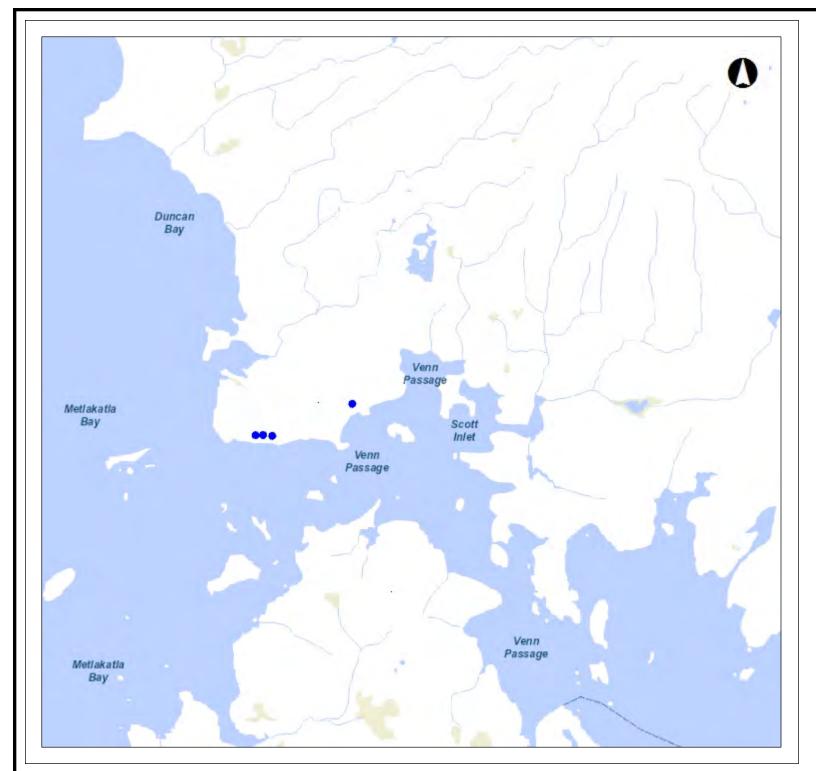




APPENDIX B

Current and Historical Information and Regulatory Records Search Results







Water Well Search A

Legend

- Water Wells
- Water Wells with Well ID Pla
 TileCache



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MAPS FOR NAVIGATIONAL PURPOSES.

Datum: NAD83

Projection: NAD_1983_BC_Environment_Albers







Water Well Search B

Legend

- Water Wells
- Water Wells with Well ID Pla
 TileCache



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Datum: NAD83

Projection: NAD_1983_BC_Environment_Albers







Water Well Search C

Legend

- Water Wells
- Water Wells with Well ID Plate
 TileCache



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Datum: NAD83

Projection: NAD_1983_BC_Environment_Albers







Water Well Search D

Legend

- Water Wells
- Water Wells with Well ID Plate
 TileCache



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Datum: NAD83

Projection: NAD_1983_BC_Environment_Albers



Douglas Point Battery

On Digby Island and mainland N/W of Digby Island and Venn Passage, 4 miles from Prince Rupert. Accessible only by water. An anti-boat boom closes the passage with gate.

Role: Boom defence and anti- MTB battery. Beach defence of Digby and Kaien Island.

Aerial photograph: Directorate of History and Heritage, File 340.084 (D12) PrinceRupert_144.pdf

Armament:

2 - 75 mm field guns on CD mountings

4 - .303 Bren A/A LMGs

2 - MGs Vickers

1-9 mm Sten gun carbines

2 - 18 inch beams (commercial searchlight)

(Landward Defence Scheme, 20 Nov. 1943, Appendix B, RG 24 Vol. 24103 Barrett Point). PrinceRupert_155.pdf

Dundas Point Battery

Aerial Photograph: Directorate of History and Heritage, Ottawa

File 340.084 (D10) (PrinceRupert_142.pdf)

Aerial photograph: Directorate of History and Heritage, File 340.084 (D12)

(PrinceRupert_144.pdf)

Armament:

Three Vickers .303 MG

One Bren .303 MG.*

(*AA Defence Other Than Passive, 16 June, 1945, in RG24 Volume 24103, Barrett

Point Vol. 1)

Two 75 mm. guns (Memorandum, Defences of Prince Rupert, 10 July 1944, Directorate of History and Heritage, File 139.009 (D14) Prince Rupert_29.pdf, later reduced to one. (Fire Command Standing Orders, Prince Rupert Defences, 1 March 1945, p. 2. RG 24

Vol. 24103 File: Barrett Point Vol. 1) PrinceRupert_103.pdf

.303 rifles (Landward Defences, Dundas Fort (undated) Library and Archives Canada RG 24, Volume 24103, File 341.016, Part 1.) PrinceRupert_103.pdf



Hand grenades (Landward Defences, Dundas Fort (undated) Library and Archives Canada RG 24, Volume 24103, File 341.016, Part 1.) PrinceRupert_103.pdf 2 inch mortars Library and Archives Canada (Ammunition Inspected and Found Serviceable, 23 Feb. 1945, RG 24, Volume 24103, File 341.016, Part 1) PrinceRupert_108.pdf

Sketch, Dundas Point Firing Arc (undated, Spring of 1942) Library and Archives Canada RG 24, Volume 24103, File 341.016, Part 1. PrinceRupert_103.pdf

Sketch Maps of Dundas Point Battery, (undated, Spring of 1942) Library and Archives Canada RG 24, Volume 24103, File 341.016, Part 1. PrinceRupert_104.pdf

Verney Island

Aerial photograph: Directorate of History and Heritage, File 340.084 (D12) PrinceRupert_144.pdf

Armament:

2- 25 pdr. guns

These guns were replaced with a mobile 75 mm gun. (Engineering Services, Coast Artillery Defences, 3 May 1944. DHH 322.009 (D1223) and Armament Office, Prince Rupert, Co-ordinate Lists, Coast and A.A. Defences, 31 May 1945, RG 24 Vol. 24104 Barrett Fort. P.2.) PrinceRupert_146.pdf

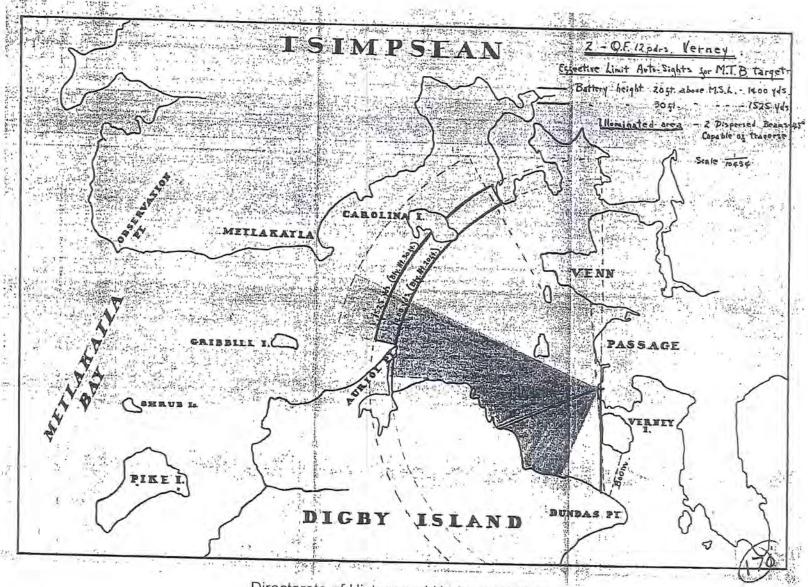
See History of 75 mm (Verney) Library and Archives Canada RG 24, Volume 24103, File 341.016, Part 2. PrinceRupert_110.pdf

Tobey Point

Armament

Four Bofors anti-aircraft guns

Aerial photograph: Directorate of History and Heritage, File 340.084 (D12) (PrinceRupert_144.pdf)



P. R. REGIONAL ARCHIVES

Directorate of History and Heritage, Ottawa Kardex, File 322.009 (D675)



BC Site Registry - Detail Report

*Information provided is current up to Oct 2012.

Site ID 4900

Section 1: Notations

Notation Type: CERTIFICATE OF COMPLIANCE ISSUED (WMA 27.6(2))

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1999-DEC-08 **Updated** 1999-DEC-08

Ministry Contact GLANVILLE, DEBORAH S

Note:

Required Action:

Notation Type: SITE INVESTIGATION REPORT SUBMITTED

Notation Class: ADMINISTRATIVE

Registered: 1998-MAY-29 Updated 1998-MAY-29

Ministry Contact GLANVILLE, DEBORAH S

Notation Participants: Roles:

BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA STREET))

SUBMITTED BY

LOWE, DERRICK A. RECEIVED BY

Note: THE REPORT: 'GROUNDWATER INVESTIGATION AND SOIL REMEDIATION - FORMER HIGHWAYS MAINTENANCE

YARD, PRINCE RUPERT BC.' WAS SUBMITTED WITH COVERING LETTER FROM BCBC, REQUESTING THAT THE BIOCELL BE CLOSED AS A SPECIAL WASTE TREATMENT FACILITY (BUT TO REMAIN OPEN AS A REMEDIATION

FACILITY).

Notation Type: OTHER WASTE SYSTEM NUMBERS

Notation Class: ADMINISTRATIVE

Registered: 1998-JUL-09 **Undated** 1998-JUL-09

Ministry Contact LOWE, DERRICK A.

Notation Participants:Roles:BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA STREET))RECEIVED BYLOWE, DERRICK A.ISSUED BY

Note: IN RESPONSE TO THE REQUEST BY BCBC TO CLOSE THE SPECIAL WASTE TREATMENT FACILITY, A FAX WAS SENT

FROM BCE TO BCBC ADVISING THAT WHILE THE SOIL IS ABOVE INDUSTRIAL LEVELS, APPROVAL AS-15543 MUST REMAIN IN EFFECT. THEREFORE, CLOSURE OF THE SPECIAL WASTE TREATMENT PORTION OF THE FACILITY

CANNOT OCCUR AT THIS TIME.

Required Action:

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1998-FEB-01 **Updated** 1998-FEB-18

Ministry Contact GLANVILLE, DEBORAH S

Notation Participants: Roles:

GEOVIRO ENGINEERING LTD. (VANCOUVER)

LOWE, DERRICK A.

RECEIVED BY

Note: INVESTIGATION OF SUSPECTED BURIED DRUM LOCATIONS SUBMITTED. THE INVESTIGATION UNCOVERED BURIED METAL SUCH AS DRUM LIDS, MAINTENANCE BLADES, A CRUMPLED EMPTY DRUM AND SCRAP METAL. SOIL ANALYSIS INDICATED HYDROCARBON CONCENTRATIONS IN EXCESS OF INDUSTRIAL CONTAMINATED

SITES REMEDIATION CRITERIA. TOLUENE CONCENTRATIONS IN STOCKPILED MATERIAL EXCEEDED SPECIAL WASTE CRITERIA. RECOMMENDATIONS WERE MADE TO INSTALL GROUNDWATER MONITORING WELLS, ON SITE

BIOREMEDIATION OF TOLUENE CONTAMINATED SOIL.

Required Action: 1998-02-18 - SUMMARY LETTER REGARDING CURRENT SITE INVESTIGATION BY GEOVIRO

ENGINEERING LTD.

Notation Type: WASTE MANAGEMENT APPROVAL ISSUED

Notation Class: LEGAL REQUIREMENT

Registered: 1998-APR-27 **Updated** 1998-APR-27

Ministry Contact GLANVILLE, DEBORAH S

Notation Participants: Roles:

LOWE, DERRICK A. REVIEWED BY RHEBERGEN, FRANK G ISSUED BY

Note: AUTHORIZATION TO STORE AND TREAT SPECIAL WASTE CONTAMINATED SOIL IN A WASTE PILE LOCATED AT

 $240/260/280~{\rm KAIEN}$ ROAD, PRINCE RUPERT.

Notation Type: NOTICE OF INDEPENDENT REMEDIATION INITIATION SUBMITTED (WMA 28(2))

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1998-APR-02 Updated 1998-APR-02

Ministry Contact GLANVILLE, DEBORAH S

Notation Participants:

GEOVIRO ENGINEERING LTD. (VANCOUVER)

LOWE, DERRICK A.

RECEIVED BY

Note: ALSO SERVES AS A REQUEST FOR APPROVAL OF BIO-REMEDIATION OF SPECIAL WASTE SOIL, FORMER

HIGHWAYS MAINTENANCE YARD, PRINCE RUPERT BC. NOTE SPECIAL WASTE GENERATOR NUMBER: 02741.

Roles:

Required Action:

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1997-SEP-23 **Updated** 1997-SEP-23

Ministry Contact GLANVILLE, DEBORAH S

Note: EM61 SURVEY AND SURFACE WATER SAMPLING REPORT WAS SUBMITTED BY GEOVIRO ENGINEERING LTD. EM 61 SURVEY WAS CONDUCTED TO CONFIRM THE PRESENCE AND LOCATIONS OF BURIED DRUMS. THREE SURFACE WATER SAMPLES WERE COLLECTED FROM SMALL STREAM FLOWING BEHIND AND THROUGH SUBJECT SITE

WATER SAMPLES WERE COLLECTED FROM SMALL STREAM FLOWING BEHIND AND THROUGH SUBJECT SITE CONFIRMED THE PRESENCE OF TOLUENE IN CONCENTRATIONS BELOW THE CONTAMINATED SITE REMEDIATION

CRITERIA FOR AQUATIC LIFE.

Required Action:

Notation Type: PRELIMINARY SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1997-JUN-01 Updated 1997-JUN-01

Ministry Contact GLANVILLE, DEBORAH S

Note: PHASE 1 INVESTIGATION IDENTIFIED SEVERAL CONCERNS BASED ON HISTORIC AND BACKGROUND

INFORMATION INCLUDING SPILLS/LEAKS FROM PAINT STORAGE DRUMS, ASBESTOS FROM CLUVERT PIPING STORED ON SITE, AND A LEAKING TANKER STORED ON SITE FOR SEVERAL YEARS. CONCERNS IDENTIFIED DUBING THE SITE VISIT INCLUDED PAINT STAINS SCRAP METAL DERRIS AND LARGE ASPHALT TAR SPILL

DURING THE SITE VISIT INCLUDED PAINT STAINS, SCRAP METAL DEBRIS, AND LARGE ASPHALT/TAR SPILL.

Required Action:

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 1997-AUG-01 **Updated** 1997-AUG-01

Ministry Contact GLANVILLE, DEBORAH S

Note: BASED ON RECOMMENDATIONS IN THE PHASE 1 INVESTIGATION, 11 TESTPITS WERE EXCAVATED IN FORMER

PAINT STORAGE AREAS, A HYDROCARBON STAINED AREA, TAR SPILL AREA AND BRIDGE TIE/PILING AND OTHER SUSPECTED STORAGE AREAS. RECOMMENDATIONS WERE MADE FOR FURTHER INVESTIGATIONS OF THE

HYDROCARBON STAINED AREA, AND SUSPECTED BURIED DRUM LOCATIONS WITHIN THE PAINT STORAGE AREA.

Section 2: Site Participants

Participant: BC BUILDINGS CORPORATION (BURNABY)

Role (s): PROPERTY OWNER

Start Date: 1998-APR-16 End Date:

Participant: BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA STREET))

Role (s): PROPERTY OWNER

Start Date: 1998-MAY-29 End Date:

Participant: CITY OF PRINCE RUPERT (PRINCE RUPERT)

Role (s): MUNICIPAL/REGIONAL CONTACT
Start Date: 1998-APR-22 End Date:

Participant: GEOVIRO ENGINEERING LTD. (VANCOUVER)
Role (s): ENVIRONMENTAL CONSULTANT/CONTRACTOR

Start Date: 1998-FEB-01 End Date:

Participant: GLANVILLE, DEBORAH S **Role (s):** ALTERNATE MINISTRY CONTACT

Start Date: 1997-JUN-01 **End Date:** 2001-MAR-01

Participant: LOWE, DERRICK A.

Role (s): MAIN MINISTRY CONTACT

Start Date: 1998-FEB-01 End Date: 1999-SEP-13

Participant: REGIONAL DISTRICT OF SKEENA-QUEEN CHARLOTTE (PRINCE RUPERT)

Role (s): MUNICIPAL/REGIONAL CONTACT
Start Date: 1998-APR-22 End Date:

Participant: RHEBERGEN, FRANK G
Role (s): ALTERNATE MINISTRY CONTACT
Start Date: 1998-APR-27 End Date:

Section 3: Documents

Title: GROUNDWATER INVESTIGATION AND SOIL REMEDIATION, FORMER HIGHWAYS MAINTENANCE YARD PRINCE

RUPERT BC.

Document Date: 1998-MAY-01 **Submission Date:** 1998-JUN-02

Participants

BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA STREET)) COMMISSIONER

GEOVIRO ENGINEERING LTD. (VANCOUVER) AUTHOR

Notes:

Section 4: Associated Sites

Section 5: Suspected Land Use

 $\textbf{Description:} \quad \text{AUTO/TRUCK/BUS/SUBWAY/OTHER VEHICLE REPAIR/SALVAGE/WRECKING}$

Notes: SNOWPLOW BLADE STORAGE

Description: PAINT/LACQUER/VARNISH MANU/FORMULAT/RECYCLE/WHLSLE BULK STOR

Notes: HIGHWAY MARKING PAINT STORAGE

Section 6: Parcel Descriptions

Date added 1998-MAY-21

Crown Land Pin: Crown Land File#: LTO PID# 007151331

Legal Desc: LOT 6 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

Date added 1998-MAY-21

Crown Land Pin: Crown Land File#: LTO PID# 007151268

Legal Desc: LOT 5 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

Section 7: Current Site Profile Information

Site ID 6498

Section 1: Notations Notation Type: ALLOCATION PANEL APPOINTMENT (WMA 27.2(2)) Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS **Registered:** 1998-MAR-24 Updated 1998-MAR-24 Ministry Contact GLANVILLE, DEBORAH S Note: **Required Action: Section 2: Site Participants** Participant: DRUMM, MIKE (SMITHERS) J Role (s): MAIN MINISTRY CONTACT **Start Date:** 2001-MAR-02 **End Date:** Participant: GLANVILLE, DEBORAH S Role (s): MAIN MINISTRY CONTACT Start Date: 1998-MAR-24 End Date: 2001-MAR-01 **Section 3: Documents Section 4: Associated Sites Section 5: Suspected Land Use Section 6: Parcel Descriptions**

Section 7: Current Site Profile Information

Site ID 8298

Section 1: Notations

Notation Type: SITE INVESTIGATION REPORT SUBMITTED

Notation Class: ADMINISTRATIVE

Registered: 2003-JUN-18 **Updated** 2003-JUN-18

Ministry Contact DRUMM, MIKE (SMITHERS) J

Notation Participants: Roles:

BASSO, AL H REQUESTED BY
QUANTUM ENVIRONMENTAL GROUP REFERRED BY

Note: PROPOSAL TO ESTABLISH TEMPORARY BIOCELL ON SUBJECT PROPERTY FOR TREATMENT OF 3500 M3 OF

SPECIAL WASTE HYDROCARBON IMPACTED SOILS (DIESEL). FACILITY TO BE ENTIRELY CONTAINED. NO DISCHARGES PROPOSED. SOILS WOULD BE RELOCATED FROM FEDERAL COAST GUARD BASE AT SEAL COVE IN PRINCE RUPERT (SITE 7782). WILL PROVIDE ANALYTICAL RESULTS. SITE PLAN SENT TO MINISTRY. PROPONENT

WILL EMPLOY CONSULTANT TO PROVIDE SPECIFIC DESIGNS.

Required Action: RECOMMEND APPROVAL OF FACILITY AS PER SPECIAL WASTE PERMIT PS-____. IN EVENT

PROPONENT DECIDES TO EXPAND FACILITY AS PERMANENT USE FOR SOIL TREATMENT, A FORMAL PROPOSAL FOR AN AMENDMENT OF SPECIAL WASTE HYDROCARBON SOIL TREATMENT FACILITY

TO WLAP IS REQUIRED. SITE WILL BE SUBJECT TO MINISTRY INSPECTION BEFORE

IMPLEMENTATION.

Section 2: Site Participants

Participant: BASSO, AL H **Role (s):** PROPERTY OWNER

Start Date: 2003-JUN-18 **End Date:**

Participant: DRUMM, MIKE (SMITHERS) J **Role (s):** MAIN MINISTRY CONTACT

Start Date: 2003-JUN-18 End Date:

Participant: QUANTUM ENVIRONMENTAL GROUP

Role (s): ENVIRONMENTAL CONSULTANT/CONTRACTOR

Start Date: 2003-JUN-18 **End Date:**

Section 3: Documents

Section 4: Associated Sites

Section 5: Suspected Land Use

Section 6: Parcel Descriptions

Date added 2003-JUL-04

Crown Land Pin: Crown Land File#: LTO PID# 024800163

Legal Desc: LOT 1 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN PRP45596

Section 7: Current Site Profile Information

Site ID 11107

Section 1: Notations

Notation Type: SITE PROFILE REVIEWED - NO FURTHER INVESTIGATION REQUIRED BY THE MINISTRY

Notation Class: ENVIRONMENTAL MANAGEMENT ACT: GENERAL

Registered: 2008-JUN-23 **Updated**

 $\textbf{Ministry Contact} \quad \text{WARD, JOHN E H}$

Note:

Required Action:

Notation Type: SITE PROFILE - NO FURTHER INVESTIGATION REQUIRED BY THE MINISTRY

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 2008-JUN-23 **Updated Ministry Contact** WARD, JOHN E H

Note:

Required Action:

Notation Type: SITE PROFILE RECEIVED

Notation Class: ENVIRONMENTAL MANAGEMENT ACT: GENERAL

Registered: 2008-JUN-12 **Updated**

Ministry Contact WARD, JOHN E H

Notation Participants: Roles:

GRASSY BAY SERVICES

SITE PROFILE SUBMITTED BY

GRASSY BAY SERVICES

SITE PROFILE SUBMITTED BY

Note:

Notation Type: SITE PROFILE RECEIVED

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Registered: 2008-JUN-12 **Updated**

Ministry Contact WARD, JOHN E H

Notation Participants: Roles:

GRASSY BAY SERVICES

GRASSY BAY SERVICES

GRASSY BAY SERVICES

GRASSY BAY SERVICES

SITE PROFILE SUBMITTED BY

GRASSY BAY SERVICES

SITE PROFILE SUBMITTED BY

Note:

Required Action:

Section 2: Site Participants

Participant: GRASSY BAY SERVICES
Role (s): SITE PROFILE COMPLETOR
Role (s): SITE PROFILE CONTACT

Start Date: 2008-JUN-12 End Date:

Participant: METLAKATLA DEVELOPMENT CORPORATION

Role (s): PROPERTY OWNER

Start Date: 2008-JUN-12 End Date:

Participant: WARD, JOHN E H
Role (s): MAIN MINISTRY CONTACT

Start Date: 2008-JUN-12 **End Date:**

Section 3: Documents

Section 4: Associated Sites

Section 5: Suspected Land Use

Description: PETRO. PROD., DISPENSE FACILITY, INC. SERV STA./CARDLOT

Notes: INSERTED FOR SITE PROFILE DATED 2007-05-11(described on Site Profile dated 07-05-11)

Section 6: Parcel Descriptions

Date added 2007-MAY-11

Crown Land Pin: Crown Land File#: LTO PID# 007151934

Legal Desc: LOT 33 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

Date added 2007-MAY-11

Crown Land Pin: Crown Land File#: LTO PID# 007151888

Legal Desc: LOT 32 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

Section 7: Current Site Profile Information

2008-JUN-12

Site Profile Completion Date:

Local Authority Received: 2008-JUN-12

Decision Date: 2008-JUN-23 Decision: INVESTIGATION NOT REQUIRED Entry Date: 2008-JUN-23

Additional Comments:

Site Registrar Received:

Commercial and Industrial Purposes or Activities on Site:

Reference Description

F5 PETRO. PROD., DISPENSE FACILITY, INC. SERV STA./CARDLOT

AREAS OF POTENTIAL CONCERN

Petroleum, solvent or other polluting substance spills to the environment greater than 100 litres?

AREAS OF POTENTIAL CONCERN

Residue left after removal of piled materials such as chemicals, coal, ore, smelter slag, air quality control system baghouse dust?

AREAS OF POTENTIAL CONCERN

Discarded barrels, drums or tanks?

FILL MATERIALS

Fill dirt, soil, gravel, sand or like materials from a contaminated site or from a source used for any of the activities listed under NO Schedule 2?

FILL MATERIALS

Discarded or waste granular materials such as sand blasting grit, asphalt paving or roofing material, spent foundry casting sands, mine ore, waste rock or float?

FILL MATERIALS

Dredged sediments, or sediments and debris materials originating from locations adjacent to foreshore industrial activities, or municipal sanitary or stormwater discharges?

WASTE DISPOSAL

Materials such as household garbage, mixed municipal refuse, or demolition debris?

WASTE DISPOSAL Waste or byproducts such as tank bottoms, residues, sludge, or flocculation precipitates from industrial processes or wastewater treatment?	NO
WASTE DISPOSAL Waste products from smelting or mining activities, such as smelter slag, mine tailings, or cull materials from coal processing?	NO
WASTE DISPOSAL Waste products from natural gas and oil well drilling activities, such as drilling fluids and muds?	NO
WASTE DISPOSAL Waste products from photographic developing or finishing laboratories; asphalt tar manufacturing; boilers, incinerators or other thermal facilities (eg. ash); appliance, small equipment or engine repair or salvage; dry cleaning operations (eg. solvents); or automobile and truck parts cleaning or repair?	NO
TANKS OR CONTAINERS USED OR STORED Underground fuel or chemical storage tanks?	NO
TANKS OR CONTAINERS USED OR STORED Above ground fuel or chemical storage tanks?	NO
SPECIAL (HAZARDOUS) WASTES OR SUBSTANCES PCB-containing electrical transformers or capacitors either at grade, attached above ground to poles, located within buildings, or stored?	NO
SPECIAL (HAZARDOUS) WASTES OR SUBSTANCES Waste asbestos or asbestos containing materials such as pipe wrapping, blown-in insulation or panelling buried?	NO
SPECIAL (HAZARDOUS) WASTES OR SUBSTANCES Paints, solvents, mineral spirits or waste pest control products or pest control product containers stored in volumes greater than 205 litres?	NO
LEGAL OR REGULATORY ACTIONS OR CONSTRAINTS Government orders or other notifications pertaining to environmental conditions or quality of soil, water, groundwater or other environmental media?	NO
LEGAL OR REGULATORY ACTIONS OR CONSTRAINTS Liens to recover costs, restrictive covenants on land use, or other charges or encumbrances, stemming from contaminants or wastes remaining onsite or from other environmental conditions?	NO
LEGAL OR REGULATORY ACTIONS OR CONSTRAINTS Government notifications relating to past or recurring environmental violations at the site or any facility located on the site?	NO

AREAS OF POTENTIAL CONCERN

Contamination resulting from migration of substances from other properties?

NO







Project Property: 1413510

TSIMPSEAN 2

TSIMPSEAN 2 BC

P.O. Number 1413510

Report Type: Quote - Custom-Build Your Own Report

Order #: 20141024050

Requested by: Golder Associates Ltd.

Date: October 30, 2014

Ecolog ERIS Ltd.

Environmental Risk Information

Service Ltd. (ERIS)

A division of Glacier Media Inc.

P: 1.866.517.5204 E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 1413510

TSIMPSEAN 2 TSIMPSEAN 2 BC

Order #: 20141024050

P.O. Number: 1413510

Order Information:

20141024050 Order No.: **Date Requested:** 30/10/2014

Requested by: Golder Associates Ltd.

Report Type: Quote - Custom-Build Your Own Report

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AMS	Authorization Management System (formerly WASTE)	Y	0	0	0
ARIS	Assessment Report Indexing System	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Υ	0	0	0
BOGW	BC Oil and Gas Wells	Y	0	0	0
CHEM	Chemical Register	Y	0	0	0
COAL	Coal Tar Sites	Y	0	0	0
CONV	Compliance and Enforcement Summary	Y	0	0	0
DIS	Wastewater Discharge Inventory	Υ	1	0	1
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	13	1	14
FISH	Commercial Fisheries	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
GEN	Waste Generators Summary	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
LUM	Lumber Mills	Υ	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Minerals Deposits Database	Y	2	0	2
NATE	National Analysis of Trends in Emergencies System (NATES)	Υ	0	0	0
NCPL	Non-Compliance Reports	Υ	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defence & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Υ	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Υ	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCB	Inventory of PCB Storage Sites	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PRAI	Private Aggregate Inventory	Υ	0	0	0
PUAI	Public Aggregate Inventory	Υ	0	0	0
REC	Waste Receivers Summary	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
RST	Retail Fuel Storage Tanks	Υ	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SREG	Site Registry	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Υ	0	0	0
WDS	Waste Disposal Site Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	4	0	4
		Total:	20	1	21

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
1	FCS		S1/2 Tsimpsean 2 BC	-/0.0	41.95	<u>12</u>
1	FCS		S1/2 Tsimpsean 2 BC	-/0.0	42.01	<u>12</u>
1	FCS		S1/2 Tsimpsean 2 BC	-/0.0	42.00	<u>13</u>
1	FCS		S1/2 Tsimpsean 2 BC	-/0.0	42.07	<u>13</u>
<u>2</u>	FCS		S1/2 Tsimpsean 2 BC	-/0.0	26.57	<u>14</u>
<u>2</u>	FCS		S1/2 Tsimpsean 2 BC	-/0.0	26.57	<u>14</u>
<u>3</u>	WWIS		METLAKATLA INDIAN RESERVE BC	-/0.0	16.00	<u>15</u>
<u>4</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	0.00	<u>16</u>
<u>5</u>	WWIS		METLAKATLA INDIAN RESERVE BC	-/0.0	19.21	<u>16</u>
<u>6</u>	WWIS		METLAKATLA INDIAN RESERVE BC	-/0.0	19.21	<u>17</u>
7	WWIS		METLAKATLA INDIAN RESERVE BC	-/0.0	19.83	<u>18</u>
<u>8</u>	DIS	METLAKATLA BAND	METLAKATLA BC	-/0.0	0.00	<u>19</u>
9	FCS		S1/2 Tsimpsean 2 BC	-/0.0	15.00	<u>19</u>
<u>10</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	0.00	<u>20</u>
<u>11</u>	MNR		BC	-/0.0	24.00	<u>20</u>
<u>12</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	8.27	<u>20</u>
<u>13</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	0.00	<u>21</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
<u>14</u>	MNR		BC	-/0.0	0.41	<u>21</u>
<u>15</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	0.00	<u>22</u>
<u>15</u>	FCS		Skeena-Queen Charlotte A BC	-/0.0	0.00	<u>22</u>

Executive Summary: Site Report Summary - Surrounding *Properties*

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
<u>16</u>	FCS		Skeena-Queen Charlotte A BC	SSE/41.1	0.00	<u>22</u>

Executive Summary: Summary By Data Source

DIS - Wastewater Discharge Inventory

A search of the DIS database, dated 1957-1995* has found that there are 1 DIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
METLAKATLA BAND		0.0	8
	METLAKATLA BC		_

FCS - Contaminated Sites on Federal Land

A search of the FCS database, dated June 2000-Sep 2014 has found that there are 14 FCS site(s) within approximately 0.25 kilometers of the project property.

Site	<u>Address</u>		Map Key
	S1/2 Tsimpsean 2 BC	0.0	1
	S1/2 Tsimpsean 2 BC	0.0	<u>1</u>
	S1/2 Tsimpsean 2 BC	0.0	1
	S1/2 Tsimpsean 2 BC	0.0	<u>1</u>
	S1/2 Tsimpsean 2 BC	0.0	<u>2</u>
	S1/2 Tsimpsean 2 BC	0.0	<u>2</u>
	Skeena-Queen Charlotte A BC	0.0	<u>4</u>
	S1/2 Tsimpsean 2 BC	0.0	<u>9</u>
	Skeena-Queen Charlotte A BC	0.0	<u>10</u>
	Skeena-Queen Charlotte A BC	0.0	<u>12</u>
	Skeena-Queen Charlotte A BC	0.0	<u>13</u>
	Skeena-Queen Charlotte A BC	0.0	<u>15</u>
		0.0	<u>15</u>
	Skeena-Queen Charlotte A BC	41.1	<u>16</u>
	Skeena-Queen Charlotte A BC		_

MNR - Minerals Deposits Database

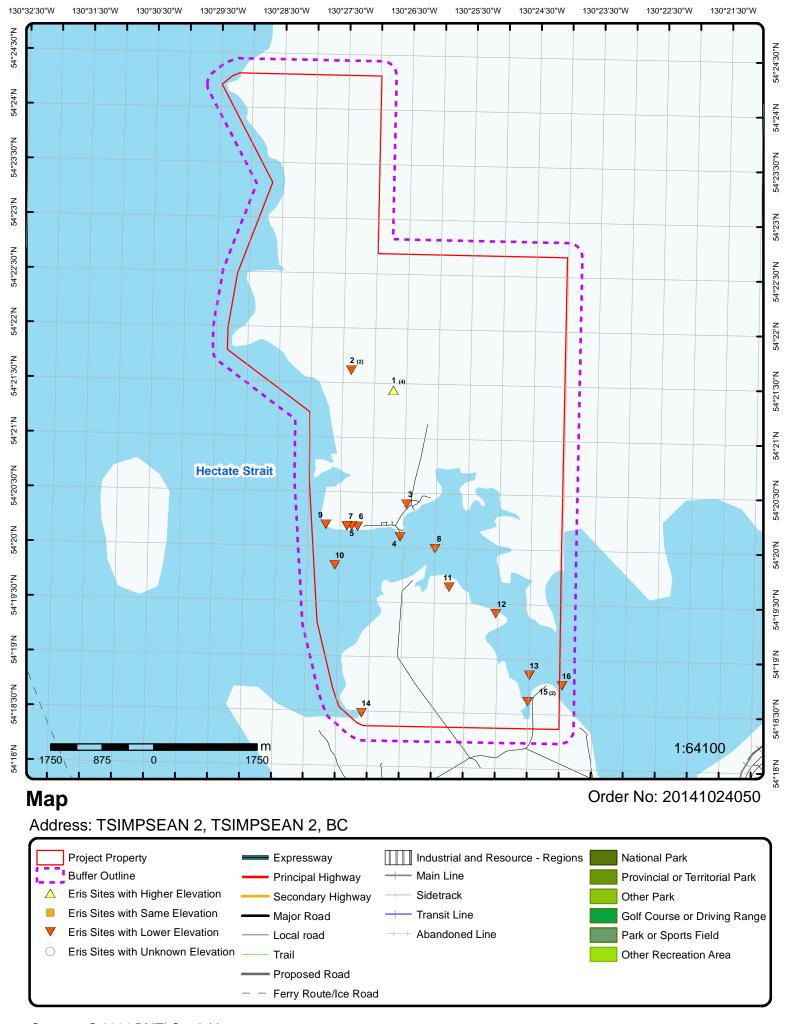
A search of the MNR database, dated 1852-May 2014 has found that there are 2 MNR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	BC	0.0	<u>11</u>
	BC	0.0	<u>14</u>

WWIS - Water Well Information System

A search of the WWIS database, dated 1880-Jul 2014 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance m	<u>Map Key</u>
	METLAKATLA INDIAN RESERVE BC	0.0	<u>3</u>
	METLAKATLA INDIAN RESERVE BC	0.0	<u>5</u>
	METLAKATLA INDIAN RESERVE BC	0.0	<u>6</u>
	METLAKATLA INDIAN RESERVE BC	0.0	<u>7</u>



Source: © 2014 DMTI Spatial Inc.



Aerial Order No: 20141024050

Address: TSIMPSEAN 2, TSIMPSEAN 2, BC

Source: ESRI World Imagery, Updated October 2014

Detail Report

Мар Кеу	Number of Records	Direction/ Distance m	Elevation m	Site	DB
1	1 of 4	-/0.0	41.9		FCS
				S1/2 Tsimpsean 2	BC
Site Id:		05083001			
Department	tal ld:	7000055495			
Property No	o. <i>:</i>				
Site Name:		673 - Metlakatla -	07754 - S1/2 TSI	MPSEAN 2 / 700005549	5
Location:		04/0 T :	•		
Municipality		S1/2 Tsimpsean			
Census Div		Skeena-Queen C			
	ctoral District: pulated Area:	SkeenaBulkley	valley		
Longitude:	pulateu Area.	-130.445069			
Latitude:		54.357356			
	Organization:		and Northern Dev	elopment Canada (India:	n and Inuit Affairs Program)
	Involvement:		ned in the Indian A		3 ,
Est m³ Con	taminated:	6000			
Est Ha Con		0			
	ontaminated:	0			
	ement Strategy:	Remediation			
	ep Completed:	Develop Remedia	ation/Risk Manage	ment Strategy	
Action Plan Additional I					
Auditional II	IIIO.				
Details					
Medium:		Soil			
Contamin	ant:	PHCs (petroleum	hydrocarbons)		
+		0 "			
Medium: Contamin	ant:	Soil	aromatic hydrocal	hon)	
	an.	PARS (polycyclic	aromatic hydrocai		
<u>1</u>	2 of 4	-/0.0	42.0		FCS
				S1/2 Tsimpsean 2	BC
Site Id:		05083002			
Department	tal ld:	7000055395			
Property No					
Site Name:					
Location:					
Municipality		S1/2 Tsimpsean			
Census Div		Skeena-Queen C			
	ectoral District:	SkeenaBulkley	vailey		
-	pulated Area:	-130.445058			
Longitude: Latitude:		-130.445058 54.357356			
	Organization:		and Northern Dev	elonment Canada (India)	n and Inuit Affairs Program)
	Involvement:		ned in the Indian A		Trans mait / mails r Togram)
Est m³ Con		, , , , , , , , , , , , , , , , , , ,			
Est Ha Con					
	ontaminated:				
Site Manag	ement Strategy:				
Highest Ste	p Completed:	Long-Term Monit	oring (Optional)		

Map Key Number of Direction/ Elevation Site DB

Action Plan: Additional Info:

--- Details ---

Medium:Other mediumContaminant:Nuisance substances

Records

1 3 of 4 -/0.0 42.0 FCS S1/2 Tsimpsean 2 BC

Site Id: 05083004

Departmental Id: Property No.:

Site Name: 673 - Metlakatla - 07754 - S1/2 TSIMPSEAN 2 - 7000116198

7000116198

Distance m

Location:

Municipality:S1/2 Tsimpsean 2Census Division:Skeena-Queen CharlotteFederal Electoral District:Skeena--Bulkley Valley

Nearest Populated Area:

Latitude: -130.445069 Latitude: 54.357366

Reporting Organization: Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program)

Reason for Involvement: A reserve as defined in the Indian Act

Est m³ Contaminated: 6000
Est Ha Contaminated: 0
Est Tons Contaminated: 0

Site Management Strategy: Additional assessment Highest Step Completed: Initial Testing Program

Action Plan: Additional Info:

--- Details ---

Medium: Soil

Contaminant: PHCs (petroleum hydrocarbons)

+

Medium: Soi

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

1 4 of 4 -/0.0 42.1 FCS S1/2 Tsimpsean 2 BC

 Site Id:
 05083003

 Departmental Id:
 7000055595

Departmental Id: Property No.:

Site Name: Location:

Municipality:S1/2 Tsimpsean 2Census Division:Skeena-Queen CharlotteFederal Electoral District:Skeena--Bulkley Valley

Nearest Populated Area:

 Longitude:
 -130.445058

 Latitude:
 54.357366

Reporting Organization: Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program)

Reason for Involvement: A reserve as defined in the Indian Act Est m³ Contaminated:

Est Ha Contaminated:
Est Ha Contaminated:
Est Tons Contaminated:
Site Management Strategy:

Highest Step Completed: Long-Term Monitoring (Optional)

Action Plan:

Map Key Number of Direction/ Elevation Site DB Records Distance m m

Additional Info:

--- Details ---

Medium: Other medium

Contaminant: PHCs (petroleum hydrocarbons)

+

Medium: Other medium

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

2 1 of 2 -/0.0 26.6 FCS

S1/2 Tsimpsean 2 BC

 Site Id:
 00007657

 Departmental Id:
 0904341909

Property No.:

Site Name: 673 - Metlakatla - 07754 - S1/2 TSIMPSEAN 2 - 0904341909

Location:

Municipality: S1/2 Tsimpsean 2
Census Division: Skeena-Queen Charlotte
Federal Electoral District: Skeena--Bulkley Valley

Nearest Populated Area:

Longitude: -130.456111 Latitude: 54.360278

Reporting Organization: Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program)

Reason for Involvement: A reserve as defined in the Indian Act

Est m³ Contaminated: 1620 Est Ha Contaminated: 0.14 Est Tons Contaminated: 5600

Site Management Strategy: Remediation, Additional assessment

Highest Step Completed: Develop Remediation/Risk Management Strategy

Action Plan: Additional Info:

--- Details ---

Medium: Surface soil

Contaminant: PHCs (petroleum hydrocarbons)

+

Medium: Surface soil

Contaminant: BTEXs (benzene, toluene, ethylbenzene, and xzylene)

+

Medium: Groundwater

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

+

Medium: Surface soil

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

+

Medium: Surface water

Contaminant: Metal, metalloid, and organometallic

+

Medium: Groundwater

Contaminant: Metal, metalloid, and organometallic

+

Medium: Surface soil

Contaminant: Metal, metalloid, and organometallic

+

Medium: Soil

Contaminant: Metal, metalloid, and organometallic

2 2 of 2 -/0.0 26.6 FCS S1/2 Tsimpsean 2 BC

Map Key Number of Direction/ Elevation Site DB
Records Distance m m

 Site Id:
 00007658

 Departmental Id:
 0904343609

Property No.:

Site Name: 673 - Metlakatla - 07754 - S1/2 TSIMPSEAN 2 - 0904343609

Location:

Municipality:S1/2 Tsimpsean 2Census Division:Skeena-Queen CharlotteFederal Electoral District:Skeena--Bulkley Valley

Nearest Populated Area:

Longitude: -130.456111 Latitude: 54.360278

Reporting Organization: Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program)

Reason for Involvement: A reserve as defined in the Indian Act

Est m³ Contaminated: 3600 Est Ha Contaminated: 0.18 Est Tons Contaminated: 7200

Site Management Strategy: Remediation, Additional assessment

Highest Step Completed: Reclassify the Site Using CCME National Classification System

Action Plan: Additional Info:

--- Details ---

Medium: Groundwater

Contaminant: BTEXs (benzene, toluene, ethylbenzene, and xzylene)

+

Medium: Sediment

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

+

Medium: Groundwater

Contaminant: Metal, metalloid, and organometallic

+

Medium: Sediment

Contaminant: Metal, metalloid, and organometallic

+

Medium: Soil

Contaminant: Metal, metalloid, and organometallic

3 1 of 1 -/0.0 16.0 METLAKATLA INDIAN RESERVE WWIS

Well Tag No.: 51942 Seq No.:

Owner's Well No.: BCGS Mapsheet: 103J038243

Land District: COAST RANGE 5 Well Owner: METLAKATLA INDIAN BD

Lot: Plan:
District Lot: Section:
Township: Range:
Legal Misc: Island:

Legal Misc: Island: PID: Latitude:

Longitude:130.44101Easting:406317Northing:6022310Zone:9Location Accuracy:D (100 m) Digitized from old Dept. of Lands,Well Status:New

Forests and Water Resources maps

Observ. Well No.:Observ. Well Status:Chemistry Site Id:Other Chemistry

Other Chemistry Data:

Construction Start 1983-03-18 00:00:00.0 Construction End Dt:

Dt:

Construction Method: DRI Use: Water Supply System

Orientation of Well: Class of Well: Water supply

Sub-Class of Well: Domestic Est. Yield: 1

54.340013

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Yield Units:	G	PM		Artesian Flow:	
Artesian Ur	nits:			Artesian Pressure:	
Aquifer Lith		edrock		Bedrock Depth:	5
Water Dept				Depth Well Drilled:	
Final Well [Well Diameter:	6.5
Surf Seal F				Surf Seal Method:	
Surf Seal M				Surf Seal Thickness:	
Surf Seal D				Aquifer No.:	
General Re	marks:				
Details -					
Depth:	Fr	om 0 To 2.5 Ft.		Material:	organic (muskeg)
+					
Depth:	Fr	om 2.5 To 4.9 Ft.		Material:	clay with boulders
+					
Depth:	Fr	om 4.9 To 117 Ft.		Material:	soft grey schist with quartz stringers
+					
Depth:	Fr	om 0 To 0 Ft.		Material:	- some water < 1 GPM at muskeg/clay
+					
Depth:	Fr	rom 0 To 0 Ft.		Material:	layer.
4	1 of 1	-/0.0	0.0		FCS
_	. •	, 6.16		Skeena-Queen Charl	
Site Id:		00021405			
Department	tal ld:	P S 06142			
Property No					
Site Name:		Metlakatla			
Location:					
Municipality	<i>'</i> :	Skeena-Queen	Charlotte A		
Census Div		Skeena-Queen	Charlotte		
Federal Ele	ctoral District:	SkeenaBulkley			
	pulated Area:	· · · · · · · · · · · · · · · ·	- ,		
Longitude:		-130.4425			
Latitude:		54.335			
		Field and a second O	0 1		

Reporting Organization:
Reason for Involvement:
Est m³ Contaminated:
Est Ha Contaminated:
Est Tons Contaminated:
Site Management Strategy:
Highest Step Completed:
Action Plan:
Additional Info:

<u> </u>	of 1	-/0.0 19.	.2	METLAKATLA INDIA BC	AN RESERVE	WWIS
Well Tag No.:		51922		Seq No.:	3	
Owner's Well No.). <i>.:</i>	COACT DANIOE 5		BCGS Mapsheet:	103J038232	
Land District:		COAST RANGE 5		Well Owner:	METLAKATLA INDIAN BD	
Lot:				Plan:		
District Lot:				Section:		
Township:				Range:		
Legal Misc:				Island:		
PIĎ:				Latitude:	54.336508	
Longitude:		130.4537		Easting:	405484	
Northing:		6021937		Zone:	9	
Location Accurac	cy:	D (100 m) Digitized from old Dep	t. of Lands,	Well Status:	New	

Мар Кеу	Number Records		irection/ istance m	Elevation m	Site	DB
		Forests and W	/ater Resourd	ces maps		
Observ. We Chemistry S					Observ. Well Status: Other Chemistry	
Construction	n Start	1983-03-10 00	0:00:00:0		Data: Construction End Dt:	
Construction Orientation		DRI			Use: Class of Well:	Water Supply System Water supply
Sub-Class of Yield Units:		Domestic			Est. Yield: Artesian Flow:	0
Artesian Un Aquifer Lith	ology:	Unconsolidate	d		Artesian Pressure: Bedrock Depth:	
Water Depti Final Well D		3 18			Depth Well Drilled: Well Diameter:	4.5
Surf Seal Fl Surf Seal M Surf Seal D General Re	laterial: epth:	N			Surf Seal Method: Surf Seal Thickness: Aquifer No.:	
Details Depth:		From 0 To 2.5	Ft.		Material:	organic
+ Depth:		From 2.5 To 6	Ft.		Material:	cemented med coarse gravel
+ Depth:		From 6 To 7.4	Ft.		Material:	cemented coarse sand
+ Depth:		From 7.4 To 9	.4 Ft.		Material:	fine, brown sand
+ Depth: +		From 9.4 To 1	3.5 Ft.		Material:	clay, cobbles, some boulders
Depth:		From 13.5 To	18 Ft.		Material:	med fine sand - water bearing, soft grey
Depth:		From 0 To 0 F	t.		Material:	mica schist.
<u>6</u>	1 of 1	-/0	0.0	19.2	METLAKATLA INDIA BC	N RESERVE WWIS
Well Tag No Owner's We		51869			Seq No.: BCGS Mapsheet:	1 103J038232
Land District Lot: District Lot: Township:		COAST RANG	SE 5		Well Owner: Plan: Section: Range:	METLAKATLA INDIAN BD
Legal Misc: PID: Longitude:		130.455208			Island: Latitude: Easting:	54.336526 405386
Northing:		6021941	itizad fram al	d Dont of Landa	Zone:	9
Location Ac Observ. We		Forests and W		d Dept. of Lands, ces maps	Well Status: Observ. Well Status:	New
Chemistry S					Other Chemistry Data:	
Construction Dt:	n Start	1983-02-18 00	0:00:00:0		Construction End Dt:	
Construction Orientation	of Well:	DRI			Use: Class of Well:	Water Supply System Water supply
Sub-Class of Yield Units:		Domestic GPM			Est. Yield: Artesian Flow:	20
Artesian Un Aquifer Lith		Unconsolidate	ed		Artesian Pressure: Bedrock Depth:	17

, ,	Number Records		Direction/ Distance m	Elevation m	Site	DB	
Water Depth: Final Well Dep Surf Seal Flag. Surf Seal Mate Surf Seal Dept General Rema	: erial: th:	4 21.1 N	NOT PRODUCE 2	0 GPM	Depth Well Drilled: Well Diameter: Surf Seal Method: Surf Seal Thickness: Aquifer No.:	7.5	
Details							
Depth:		From 0 T	o 3.4 Ft.		Material:	soft black organic	
Depth: +		From 3.4	To 6.3 Ft.		Material:	cemented gravel	
Depth:		From 6.3	To 7.3 Ft.		Material:	cemented coarse sand	
Depth:		From 7.3	To 9.7 Ft.		Material:	fine brown sand	
+ Depth:		From 9.7	To 14.5 Ft.		Material:	clay	
+ Depth:		From 14.	5 To 17.4 Ft.		Material:	med sand with small gravel,water bearing	
+ Depth:		From 17.	4 To 21.1 Ft.		Material:	bedrock, soft grey schist	
7	1 of 1		-/0.0	19.8	METLAKATLA INDIA BC	N RESERVE	wwis
Well Tag No.: Owner's Well I' Land District: Lot: District Lot: Township: Legal Misc: PID: Longitude: Northing: Location Accur Observ. Well I' Chemistry Site Construction I' Orientation of I' Sub-Class of I' Yield Units: Artesian Units: Aquifer Litholog Water Depth: Final Well Dep Surf Seal Mate Surf Seal Dept General Rema	racy: No.: Id: Start Method: Well: Vell: : gy: oth: : erial: th:	130.4564 6021938 D (100 m Forests a) Digitized from old and Water Resource 17 00:00:00.0		Seq No.: BCGS Mapsheet: Well Owner: Plan: Section: Range: Island: Latitude: Easting: Zone: Well Status: Observ. Well Status: Other Chemistry Data: Construction End Dt: Use: Class of Well: Est. Yield: Artesian Flow: Artesian Pressure: Bedrock Depth: Depth Well Drilled: Well Diameter: Surf Seal Method: Surf Seal Thickness: Aquifer No.:	2 103J038232 METLAKATLA INDIAN BD 54.336484 405306 9 New Water Supply System Water supply 0 30 7.5	
Details Depth:		From 0 T	o 17.4 Ft.		Material:	soft black organic	
+ Depth:		From 30	To 38 Ft.		Material:	soft grey schistose, bedrock	

Number of Direction/ Elevation Site DB Map Key Records Distance m From 0 To 0 Ft. Material: Depth: - water red brown stained soft sandy clay Depth: From 17.4 To 30 Ft. Material: 8 1 of 1 -/0.0 0.0 METLAKATLA BAND DIS METLAKATLA BC Permit #: 5828 Issue Date: 11-MAR-85 Effluent: SE (Sewage) Site Desc: INDIAN VILLAGE Category: L (Municipal) Rcv'g Water: M1 (Marine-Domestic) Discharge: 9 1 of 1 -/0.0 15.0 **FCS** S1/2 Tsimpsean 2 BC Site Id: 00007656 Departmental Id: 0904333709 Property No.: Site Name: 673 - Metlakatla - 07754 - S1/2 TSIMPSEAN 2 - 0904333709 Location: Municipality: S1/2 Tsimpsean 2 Census Division: Skeena-Queen Charlotte Federal Electoral District: Skeena--Bulkley Valley Nearest Populated Area: Longitude: -130.461944 Latitude: 54.336667 Reporting Organization: Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program) Reason for Involvement: A reserve as defined in the Indian Act Est m³ Contaminated: 13600 0.34 Est Ha Contaminated: 27200 Est Tons Contaminated: Site Management Strategy: Additional assessment Highest Step Completed: **Detailed Testing Program** Action Plan: Additional Info: --- Details ---Medium: Surface soil Contaminant: PHCs (petroleum hydrocarbons)

Order #: 20141024050

Medium: Soil

Contaminant: PHCs (petroleum hydrocarbons)

+

Medium: Groundwater

Contaminant: BTEXs (benzene, toluene, ethylbenzene, and xzylene)

+

Medium: Surface soil

Contaminant: BTEXs (benzene, toluene, ethylbenzene, and xzylene)

+

Medium: Soil

Contaminant: BTEXs (benzene, toluene, ethylbenzene, and xzylene)

+

Medium: Surface soil

Contaminant: PAHs (polycyclic aromatic hydrocarbon)

Мар Кеу	Number of Records	Direction/ Distance m	Elevation m	Site	DB
+ Medium: Contamin	ant:	Groundwater Metal, metalloid, a	and organometallic		
+ Medium: Contamin	ant:	Soil Metal, metalloid, a	and organometallic		
<u>10</u>	1 of 1	-/0.0	0.0	Skeena-Queen Charlotte A BC	FCS
Nearest Pop Longitude: Latitude: Reporting C Reason for Est m³ Con Est Ha Con Est Tons Co Site Manag	: ision: ctoral District: culated Area: lrganization: lnvolvement: taminated: contaminated: pement Strategy: po Completed:	00020291 P K 01010 84605 Shrub Island Skeena-Queen C Skeena-Bulkley -130.45939 54.33053 Fisheries and Oct Federal Real Prop 0 0 0 Other Historical Review	harlotte Valley eans Canada		
<u>11</u>	1 of 1	-/0.0	24.0		MNR
Min File No. Status: Elevation (fi Easting: Northing: Zone:		103J 041 Showing 15 407041 6020903		BC	
Occurrence Occurrence	Names:	-	ΓSIMPSEAN PENII	NSULA	
Occurrence Commoditie Geological Occurrence Production: First Produc Last Produc	s: Feature: Origin: etion Year:	Graphite Stratabound Industrial Min. N			
Reserves:	s i Toddoed.	N			
12	1 of 1	-/0.0	8.3	Skeena-Queen Charlotte A BC	FCS
Site Id: Department	al ld:	00020266 P K 00987		zz.	
20	erisinfo.com	EcoLog ERIS Ltd	l.	Order #:	20141024050

DB Number of Direction/ Elevation Site Map Key Records Distance m Property No.: 84176 Site Name: **Dundas Point** Location: Municipality: Skeena-Queen Charlotte A Census Division: Skeena-Queen Charlotte Federal Electoral District: Skeena--Bulkley Valley Nearest Populated Area: -130.41719 Longitude: Latitude: 54.3236 Reporting Organization: Fisheries and Oceans Canada Reason for Involvement: Federal Real Property Est m³ Contaminated: Est Ha Contaminated: 0 Est Tons Contaminated: 0 Site Management Strategy: Additional assessment Highest Step Completed: Historical Review Action Plan: Additional Info: 13 1 of 1 -/0.0 0.0 **FCS** Skeena-Queen Charlotte A BC Site Id: 00020642 Departmental Id: PK 01377 Property No.: 84179 Site Name: **Duvernet - Duvernet Point** Location: Municipality: Skeena-Queen Charlotte A Skeena-Queen Charlotte Census Division: Federal Electoral District: Skeena--Bulkley Valley Nearest Populated Area: Longitude: -130.40806 Latitude: 54.31431 Fisheries and Oceans Canada Reporting Organization: Reason for Involvement: Federal Real Property Est m3 Contaminated: Est Ha Contaminated: 0 Est Tons Contaminated: 0 Site Management Strategy: Highest Step Completed: **Identify Suspect Sites** Action Plan: Additional Info: Unassessed 14 1 of 1 -/0.0 0.4 **MNR** BC Min File No: 103J 040 Status: Showing Elevation (ft): 15 Easting: 405551 Northing: 6018769 Zone: Occurrence Name: Occurrence Names: **DIGBY ISLAND** Occurrence Name 2: Commodities: Limestone

Massive, Stratabound

Sedimentary, Industrial Min.

Geological Feature:

Occurrence Origin:

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Production: First Production: Last Production	ction Year:	N			
Reserves:		N			
<u>15</u>	1 of 2	-/0.0	0.0		FCS
				Skeena-Queen Charlotte A BC	
Site Id:		00020289			
Departmen		P K 01008			
Property No		84603			
Site Name: Location:		Shkgeaum bay R	ange Front		
Municipality	<i>/:</i>	Skeena-Queen C	harlotte A		
Census Div		Skeena-Queen C			
	ctoral District:	SkeenaBulkley \	√alley		
Nearest Po	pulated Area:	-130.40838			
Latitude:		54.3103			
	Organization:	Fisheries and Oce	eans Canada		
	Involvement:	Federal Real Prop	perty		
Est m³ Con		0			
Est Ha Con		0			
	ontaminated: ement Strategy:	0 Additional assess	ment		
	ep Completed:	Historical Review			
Action Plan					
Additional I	nfo:				
<u>15</u>	2 of 2	-/0.0	0.0		FCS
				Skeena-Queen Charlotte A BC	
Site Id:		00020290			
Departmen	tal ld:	P K 01009			
Property No		84602			
Site Name:		Shkgeaum Bay R	ange Rear		
Location:		01	ll - 44 A		
Municipality Census Div		Skeena-Queen C Skeena-Queen C			
	ctoral District:	SkeenaBulkley			
	pulated Area:	Oktoona Bankoy	valioy		
Longitude:	•	-130.40838			
Latitude:		54.3103			
	Organization:	Fisheries and Oce			
Reason for Est m³ Con	Involvement:	Federal Real Prop	perty		
Est Ha Con		0 0			
	ontaminated:	0			
	ement Strategy:	Additional assess	ment		
Highest Ste	p Completed:	Historical Review			
Action Plan					
Additional I	nto:				
16	1 of 1	SSE/41.1	0.0		FCS
_				Skeena-Queen Charlotte A BC	

Map Key Number of Direction/ Elevation Site DB Records Distance m m

 Site Id:
 00020265

 Departmental Id:
 P K 00986

 Property No.:
 84180

Site Name: Duvernet Point - Unassessed

Location:

Municipality:Skeena-Queen Charlotte ACensus Division:Skeena-Queen CharlotteFederal Electoral District:Skeena--Bulkley Valley

Nearest Populated Area:

Latitude: -130.39956 Latitude: 54.31278

Reporting Organization: Fisheries and Oceans Canada

Reason for Involvement: Federal Real Property

Est m³ Contaminated: 0
Est Ha Contaminated: 0
Est Tons Contaminated: 0
Site Management Strategy: Other

Highest Step Completed: Historical Review

Action Plan: Additional Info:

Unplottable Summary

DB	Company Name/Site Name	Address	City	Postal
AMS	METLAKATLA BAND TSIMPSEAN IR2	METAKATLA	ВС	
AMS	METLAKATLA BAND TSIMPSEAN IR2	Metakatla	BC	
EIIS	Fuel storage Site below Band Office		S-1/2 TSIMPSEAN NO. 2 BC	
EIIS	MAINTENANCE BUILDING - ASBESTOS		S-1/2 TSIMPSEAN NO. 2 BC	
NEES	Unknown vehicle	Prince Rupert Harbour - Digby Island - airport ferry landing	Digby Island BC	
WDS	METLAKATLA BAND TSIMPSEAN IR2	METAKATLA	METLAKATLA BC	

Unplottable Report

<u>Site:</u> METLAKATLA BAND TSIMPSEAN IR2 METAKATLA BC

Database: AMS

File #:

Permit Type: Permit Date Issued: 3/11/1985

Date Ammended:

Status:ActiveStatus As Of:Jan 2012Location:METAKATLA

SIC Code: 562210

Mailing Address: BOX 459 PRINCE RUPERT, BC V8J 3R1

Site: METLAKATLA BAND TSIMPSEAN IR2

Metakatla BC

Database:

File #:

Permit Type: Permit Date Issued: 3/11/1985

Date Ammended:

Status: Active
Status As Of: Apr 2011
Location:
SIC Code: 562210

Mailing Address: BOX 459 PRINCE RUPERT, BC V8J 3R1

<u>Site:</u> Fuel storage Site below Band Office S-1/2 TSIMPSEAN NO. 2 BC

O 1/2 TOMM OLAN NO. 2 BO

Database: EIIS

Inventory Number: 7000116198

Environmental Issue: UNDER OR ABOVE GROUND STORAGE TANKS

Band:
Reserve: S-1/2 TSIMPSEAN NO. 2

File Closed:

--- Details ---

Fiscal Year: 1997/1998 Funding Site Action: PHASE III

Site: MAINTENANCE BUILDING - ASBESTOS

S-1/2 TSIMPSEAN NO. 2 BC

Database: EIIS

Order #: 20141024050

Inventory Number: 7000055395
Environmental Issue: ASBESTOS
Band: METLAKATLA

Reserve: S-1/2 TSIMPSEAN NO. 2

File Closed: 26/03/97

--- Details ---

Fiscal Year: 1996/1997

Funding Site Action: PHASE III

<u>Site:</u> Unknown vehicle
Prince Rupert Harbour - Digby Island - airport ferry landing Digby Island BC

Database:
NEES

Incident Date: 8/2/00 11:23
Contaminant: mineral oil

Amount: Units:

Quantity: [Other]
Cause: Unknown

Source: Other Motor Vehicle

Reason: Unknown Sector: Transportation

<u>Site:</u> METLAKATLA BAND TSIMPSEAN IR2 METAKATLA METLAKATLA BC

Database: WDS

Permit #: PE-5828(1)
Manner of Operation: PERMIT
Waste Type: EFFLUENT

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd can search the following databases. The extent of Historical information varies with each database and current information is determined by what is publicly available to Ecolog ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Authorization Management System (formerly WASTE):

Provincial AMS

AMS is the Ministry of Environment's waste permit administration system. It maintains data related to the administration of permits issued under the Environmental Management Act and registrations under various regulations where the regulation requires a discharger to register. It will include information such as companies or individuals permitted to discharge waste; type of business and locations at which waste disposal is permitted; the types, amounts and frequency of waste products that are permitted to be discharged at given locations; issue date and more. This was previously referred to as the "WASTE" database.

Government Publication Date: 1957-Jan 2012

Assessment Report Indexing System:

Provincial ARIS

Within British Columbia, the "Mineral Tenure Act Regulation", requires that all results of mineral exploration and development programs be submitted to the British Columbia Ministry of Employment and Investment, where they are then maintained and housed by the Geological Survey Branch. The assessment reports provided by the Geological Survey Branch contain summary information for reports approved to November 1998; on geology, geophysics, geochemistry, drilling, prospecting and physical work.

Government Publication Date: 1947-Jan 2014

Automobile Wrecking & Supplies:

Private AUWR

This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 2001-Jul 2014

BC Oil and Gas Wells: Provincial BOGW

The BC Oil and Gas Wells database was collected from the BC Oil and Gas Commission and is a comprehensive database that includes information regarding well number, well name, operator name, location, depth, status, as well as drill date and type. Please note that this database will not be updated, information on wells drilled after January 2006 can be found in the Oil and Gas Wells (OGW) database under the 'Private Source Database' section.

Government Publication Date: 1918-Jan 2006*

Chemical Register: Private CHEM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Jul 2014

Coal Tar Sites: Provincial COAL

This one-time study is an inventory of all known and historical coal tar sites, identifying sites that produced coal tar and other related tars during the mid 1800's to the mid 1900's.

Government Publication Date: 1992*

Compliance and Enforcement Summary:

Provincial This database summarizes orders, tickets and convictions issued by the Ministry of the Environment under applicable ministry and federal legislation. Orders are issued when action is required to prevent or stop actual or potential impact to the environment. Tickets apply to all tickets paid, deemed guilty by non-payment or expiry, or contested in court and found guilty by a judge. Convictions apply to all court convictions of ministry legislation as well as federal legislation where the ministry has taken action. This reporting summary began in January 2006, replacing Non-Compliance Reports by the former Ministry of Water, Land & Air Protection. See the Non-Compliance Reports (NCPL) database below for more information. This database is part of a larger COORS (Conservation Officer On-Line Reporting System) database

Government Publication Date: 1990-Sep 2013

controlled by the Ministry of Environment in BC.

Wastewater Discharge Inventory:

Provincial DIS

This inventory contains information regarding direct dischargers of toxic pollutants for the following operations: Industrial; Commercial; Agricultural; Mining; Municipal; Urban; Aquaculture; and Pulp & Paper, operating under provincial permits. Please note that this program was discontinued and therefore the database will not be updated.

Government Publication Date: 1957-1995*

Environmental Effects Monitoring:

Federal

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

EcoLog ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System:

Federal

EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Federal Federal Convictions: **FCON**

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

Order #: 20141024050

FCS

The Federal Contaminated Sites Inventory includes information on all known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: June 2000-Sep 2014

Commercial Fisheries: Provincial FISH

The Fisheries, Aquaculture & Commercial Fisheries Branch of the Ministry of Water, Land & Air Protection maintains a database of fish processing plant approvals, licenses and activities. Each year, licenses need to be renewed.

Government Publication Date: 1993-2012

Fisheries & Oceans Fuel Tanks:

Federal FOFT torage tanks located on

Fisheries & Oceans Canada maintains an inventory of all aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sept 2003

Waste Generators Summary:

Provincial GEN

Within British Columbia, the Special Waste Regulation defines a waste generator as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number (BCG#), company name and address of registered generators; including the types of hazardous wastes generated and the form of treatment used in the handling of the waste. This information is a summary of all years from June 1993 to March 2006. Please note that a British Columbia Generator number (BCG#) are not unique to a company. This database is part of a larger SWIS (Special Waste Information System) database controlled by the Ministry of Environment in BC.

Government Publication Date: 1993-2010

Indian & Northern Affairs Fuel Tanks:

Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Lumber Mills: Provincial LUM

This database provides information regarding the general location and estimated annual output capacity of major timber processing facilities within the province of British Columbia.

Government Publication Date: 1997-2011

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009

Minerals Deposits Database:

Provincial

MNR

Order #: 20141024050

The Ministry of Energy and Mines maintains a database of more than 12,000 metallic mineral, industrial mineral and coal deposits and occurrences within British Columbia. Information within our report pertains to primary name, elevation, mining division, commodities, and status. Please note that as of January 27, 1999, information included within this database was divided into 2 categories: released and unreleased areas. Records for unreleased areas may contain incomplete, unedited, and/or inaccurate data.

Government Publication Date: 1852-May 2014

National Analysis of Trends in Emergencies System (NATES):

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial NCPL

Federal

From 1990 to March 2001 the Ministry of Water, Land & Air Protection maintained a reporting system that identified any reported concern that pertained to compliance with authorized waste management permits or plans, approvals, orders, operational certificates and regulations, or any other activity under the Waste Management Act. This reporting system was discontinued in April of 2001; therefore there will be no updates to this database. However, beginning in January 2006 the Ministry of the Environment began publishing Compliance and Enforcement Summaries. See the Compliance and Enforcement Summary (CPL) database above for more information.

Government Publication Date: 1990-Mar 2001*

National Defence & Canadian Forces Fuel Tanks:

Federal NDFT

The Department of National Defence and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defence & Canadian Forces Spills:

Federal NDSP

The Department of National Defence and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

Federal NDWD

NEBW

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells:

Federal

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal NEES

Order #: 20141024050

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for all previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

name, well ID No./UWI, status, classification, well depth, spud and release date.

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

ederal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-2012

Oil and Gas Wells: Private OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Sep 2014

Canadian Pulp and Paper:

Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Inventory of PCB Storage Sites:

Provincial PCB

The Ministry of Water, Land & Air Protection maintains a database of all active Polychlorinated Biphenyls (PCB) waste storage sites within the Special Waste Information System. Please note that there is no requirement to maintain an accurate listing of all inactive PCB waste storage equipment and/or disposal sites. The records within this database provide information regarding site name, location, an inventory of stored wastes and quantities, and status date (when site first active/inactive). Previous to May 1993, data was collected from a different source and is only available for 1989. *Government Publication Date:* 1989, May 1993-2010

Parks Canada Fuel Storage Tanks:

-ederal PCF

Canadian Heritage maintains an inventory of all known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

<u>Pesticide Register:</u> Provincial PES

This is a database of individuals who apply for a service or vendor license for the use of registered pesticides. A service license is denoted by an "S" in the license number, likewise, a vendor license by a "V" in the license number.

Government Publication Date: 1989-Apr 2010

Private Aggregate Inventory:

Provincial **PRAI** Within British Columbia, aggregate pits are designated as mines; and as such, the Ministry of Energy and Mines is responsible for their planning, management and regulation, including permitting, health, safety and reclamation. Owners or operators of all private aggregate pits must file Notices of Work as part of the permitting and reclamation process. In 1994, the Geological Survey Branch initiated the Aggregate Program, in order to establish an inventory of natural and crushed aggregate pits. Information about each pit in the database file includes its location, NTS map sheet number, Notice of Work file number and status (active/inactive) and the type of landform hosting the pit. This database was a one-

Government Publication Date: 1975-1996*

time inventory and will not be updated.

Public Aggregate Inventory:

Provincial

PUAI

Information about public aggregate pits in British Columbia is collected and managed by the Ministry of Transportation and Highways. Data has been gathered on more than 2000 pits, in respect to pit name, type and geographical location. Government Publication Date: 1960-2001*

Waste Receivers Summary:

Provincial

The Special Waste Regulation defines the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. A waste receiving location is any site or facility to which waste is transferred through a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address. This database is part of a larger SWIS (Special Waste Information System) database controlled by the Ministry of Environment in BC. Government Publication Date: 1992-2010

Retail Fuel Storage Tanks:

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory:

Private

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011

Provincial Site Registry: **SREG**

This information is collected from the Ministry of Environment's Site Registry. It is not a registry of contaminated sites, although some sites on the registry are contaminated. Most sites have already been investigated and require minor remediation, or have already been cleaned up to government requirements. The Registry also stores environmentally relevant historic information about sites including: names of participants, legal and administrative notations, references to pertinent documents submitted to the ministry, associations with other sites, and much more.

1 Please note the information provided in the Detail Reports have been updated to the best of our ability as provided by the source, BC Government. For more information, please contact your ERIS sales representative.

Government Publication Date: 1985-Aug 2014, Detail Rpt Up to Oct 2012

Transport Canada Fuel Storage Tanks:

Federal

TCFT

With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

Waste Disposal Site Inventory:

Provincial

WDS

Order #: 20141024050

This inventory pertains to active, regulated waste disposal sites within the province of British Columbia. Registered companies may hold a permit or certificate for release of the following waste types: Effluent, Refuse, Air and Special Waste Storage. Information on Waste Disposal Sites after 1998 is contained within the Authorizations (AUTH) database.

Water Well Information System:

Provincial **WWIS**

This database was collected from the Groundwater Information Center of the Ministry of Water, Land & Air Protection and contains over 90,000 records. Comprehensive information is available for each well including: well location (address/site area), latitude/longitude, legal description (section, lot, plan, district lot, range, township), BCGS Mapsheet No., depth of well, construction dates, well status and lithology. The accuracy of well locations is also provided, as well as the reference source for obtaining geographic coordinates.

Government Publication Date: 1880-Jul 2014

Definitions

<u>Database Descriptions:</u> This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

<u>Detail Report</u>: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

<u>Distance:</u> The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

<u>Direction:</u> The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

<u>Elevation:</u> The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

<u>Map Key:</u> The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.







Project Property: 1413510

WILNASKANCAUD 3

WILNASKANCAUD 3 BC

P.O. Number 1413510

Report Type: Quote - Custom-Build Your Own Report

Order #: 20141024051

Requested by: Golder Associates Ltd.

Date: October 30, 2014

Ecolog ERIS Ltd.

Environmental Risk Information

Service Ltd. (ERIS)

A division of Glacier Media Inc.

P: 1.866.517.5204 E: info@erisinfo.com

www.erisinfo.com

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review on environmental records.

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Executive Summary

Property Information:

Project Property: 1413510

WILNASKANCAUD 3 WILNASKANCAUD 3 BC

P.O. Number: 1413510

Order Information:

 Order No.:
 20141024051

 Date Requested:
 30/10/2014

Requested by: Golder Associates Ltd.

Report Type: Quote - Custom-Build Your Own Report

Additional Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AMS	Authorization Management System (formerly WASTE)	Υ	0	1	1
ARIS	Assessment Report Indexing System	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Υ	0	2	2
BOGW	BC Oil and Gas Wells	Y	0	0	0
CHEM	Chemical Register	Υ	0	0	0
COAL	Coal Tar Sites	Y	0	0	0
CONV	Compliance and Enforcement Summary	Υ	0	0	0
DIS	Wastewater Discharge Inventory	Υ	0	0	0
EEM	Environmental Effects Monitoring	Υ	0	0	0
EHS	ERIS Historical Searches	Υ	0	0	0
EIIS	Environmental Issues Inventory System	Υ	0	0	0
FCON	Federal Convictions	Υ	0	0	0
FCS	Contaminated Sites on Federal Land	Υ	0	0	0
FISH	Commercial Fisheries	Υ	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Υ	0	0	0
GEN	Waste Generators Summary	Υ	0	3	3
IAFT	Indian & Northern Affairs Fuel Tanks	Υ	0	0	0
LUM	Lumber Mills	Υ	0	0	0
MINE	Canadian Mine Locations	Υ	0	0	0
MNR	Minerals Deposits Database	Υ	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Υ	0	0	0
NCPL	Non-Compliance Reports	Υ	0	0	0
NDFT	National Defence & Canadian Forces Fuel Tanks	Υ	0	0	0
NDSP	National Defence & Canadian Forces Spills	Υ	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBW	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGW	Oil and Gas Wells	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCB	Inventory of PCB Storage Sites	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PRAI	Private Aggregate Inventory	Y	0	0	0
PUAI	Public Aggregate Inventory	Y	0	0	0
REC	Waste Receivers Summary	Y	0	8	8

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
RST	Retail Fuel Storage Tanks	Υ	0	0	0
SCT	Scott's Manufacturing Directory	Υ	0	0	0
SREG	Site Registry	Υ	0	4	4
TCFT	Transport Canada Fuel Storage Tanks	Υ	0	0	0
WDS	Waste Disposal Site Inventory	Υ	0	0	0
WWIS	Water Well Information System	Υ	0	0	0
		Total:	0	18	18

Executive Summary: Site Report Summary - Project Property

Map DB Company/Site Name Address Dir/Dist m Elev Page Key diff m Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding *Properties*

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
1	REC	METALEX PRODUCTS LTD.	251 KAIEN RD PRINCE RUPERT BC	WNW/37.6	46.82	<u>12</u>
1	REC	METALEX PRODUCTS LTD.	251 KAIEN RD PRINCE RUPERT BC V8J 1A6	WNW/37.6	46.82	<u>12</u>
<u>2</u>	SREG		271 & 291 KAIEN ROAD PRINCE RUPERT BC	WSW/57.8	49.00	<u>12</u>
<u>3</u>	SREG		240-280 KAIEN ROAD PRINCE RUPERT BC	WNW/83.0	47.83	<u>12</u>
<u>4</u>	AMS	British Columbia Buildings	240/260/280/ Kaien Road. BC	NW/99.5	43.38	<u>13</u>
<u>5</u>	GEN	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>13</u>
<u>5</u>	GEN	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>13</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>13</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>14</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>14</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>14</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	SSW/84.7	42.52	<u>14</u>
<u>5</u>	REC	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC	SSW/84.7	42.52	<u>15</u>
<u>6</u>	SREG		310 KAIEN ROAD PRINCE RUPERT BC	SSW/125.5	44.44	<u>15</u>
<u>7</u>	GEN	VERNTURE TOWING & AUTO WRECKING LTD	119 METLAKATLA PRINCE RUPERT BC	SSE/161.3	26.48	<u>15</u>
8	AUWR	NORTHWEST AUTOMOTIVE RECYCLE & SALVAGE	140 METLAKATLA RD PRINCE RUPERT BC	SSE/194.6	24.14	<u>15</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist m	Elev diff m	Page Number
<u>8</u>	AUWR	S K B AUTO SALVAGE (1985) LTD	140 METLAKATLA RD PRINCE RUPERT BC	SSE/194.6	24.14	<u>16</u>
<u>9</u>	SREG		BOX 489, HWY 16 PRINCE RUPERT BC	SSW/208.7	61.25	<u>16</u>

Executive Summary: Summary By Data Source

AMS - Authorization Management System (formerly WASTE)

A search of the AMS database, dated 1957-Jan 2012 has found that there are 1 AMS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance m	<u>Map Key</u>
British Columbia Buildings	240/260/280/ Kaien Road. BC	99.5	<u>4</u>

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 2001-Jul 2014 has found that there are 2 AUWR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance m	<u>Map Key</u>
NORTHWEST AUTOMOTIVE RECYCLE & SALVAGE	140 METLAKATLA RD PRINCE RUPERT BC	194.6	<u>8</u>
S K B AUTO SALVAGE (1985) LTD	140 METLAKATLA RD PRINCE RUPERT BC	194.6	<u>8</u>

GEN - Waste Generators Summary

A search of the GEN database, dated 1993-2010 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance m	<u>Map Key</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
VERNTURE TOWING & AUTO WRECKING LTD	119 METLAKATLA PRINCE RUPERT BC	161.3	<u>7</u>

REC - Waste Receivers Summary

A search of the REC database, dated 1992-2010 has found that there are 8 REC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	Distance m	<u>Map Key</u>
METALEX PRODUCTS LTD.	251 KAIEN RD	37.6	1
	PRINCE RUPERT BC		-

<u>Site</u>	<u>Address</u>	Distance m	Map Key
METALEX PRODUCTS LTD.	251 KAIEN RD PRINCE RUPERT BC V8J 1A6	37.6	1
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>
SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT	5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	84.7	<u>5</u>

SREG - Site Registry

A search of the SREG database, dated 1985-Aug 2014, Detail Rpt Up to Oct 2012 has found that there are 4 SREG site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance m</u>	<u>Map Key</u>
	271 & 291 KAIEN ROAD PRINCE RUPERT BC	57.8	<u>2</u>
	240-280 KAIEN ROAD PRINCE RUPERT BC	83.0	<u>3</u>
	310 KAIEN ROAD PRINCE RUPERT BC	125.5	<u>6</u>
	BOX 489, HWY 16 PRINCE RUPERT BC	208.7	<u>9</u>

Proposed RoadFerry Route/Ice Road

Source: © 2014 DMTI Spatial Inc.



Aerial Order No: 20141024051

Address: WILNASKANCAUD 3, WILNASKANCAUD 3, BC

Source: ESRI World Imagery, Updated October 2014

Detail Report

Мар Кеу	Number of Records	Direction/ Distance m	Elevation m	Site	DB
1	1 of 2	WNW/37.6	46.8	METALEX PRODUCTS LTD. 251 KAIEN RD PRINCE RUPERT BC	REC
Year: Company I Region:	Vo.:	2001 BCG04156 SKEENA			
Details - Type of V		batteries, wet, fill	ed with acid or bat	ttery, electric storage, wet	
1	2 of 2	WNW/37.6	46.8	METALEX PRODUCTS LTD. 251 KAIEN RD PRINCE RUPERT BC V8J 1A6	REC
Year: Company I Region:	Vo.:	2003 BCG04156 SKEENA			
Details - Type of V		batteries, wet, fill	ed with acid or bat	ttery, electric storage, wet	
<u>2</u>	1 of 1	WSW/57.8	49.0	271 & 291 KAIEN ROAD PRINCE RUPERT BC	SREG
Site ID #: Registered Updated: Detail Rem		11107			
Common N	lame:		ROAD, PRINCE	RUPERT	
Victoria File Regional F		26250-20/11107 No File			
Region:	no rvo	SMITHERS, SKE	ENA		
Latitude: Longitude:		54.313889 130.268583			
Location D	escription:		Site Profile, Entere	ed 2008-06-23	
Site Descri Cleanup Si	ption:	Unranked			
3	1 of 1	WNW/83.0	47.8	240-280 KAIEN ROAD PRINCE RUPERT BC	SREG
Site ID #: Registered Updated: Detail Rem	noved:	4900			
Common N Victoria File		FORMER HIGHV No File	VAYS MAINTENA	NCE YARD	
VICTORIA FII		NO FIIE	DO.		

26250-20/PR/BCBC

Regional File No.:

Мар Кеу	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Region: Latitude: Longitude: Location De Site Descrip Cleanup Sta	tion:	February 19, 199	By Bc Environmen	t Referencing The Transportation Centreline Netwo	ork (Nad 83),
4	1 of 1	NW/99.5	43.4	British Columbia Buildings 240/260/280/ Kaien Road. BC	AMS
File #: Permit Type Date Issued Date Amme Status: Status As C Location: SIC Code: Mailing Add	l: nded: f:	April 27, 1998 Active Jan-05 240/260/280/ Kaie NC13	cial Waste (Storago en Road. A ST, KAMLOOPS,		
				(-)	
<u>5</u>	1 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	GEN
Generator # Registration Status: Status Date Mailing Add	Date:	BCG02850 7/3/1996 ACTIVE 7/30/2002 115 - 1ST AVE W	/EST, PRINCE RUI	PERT, BC, CA V8J 1K8	
Details Waste:	-	Paints, Enamels,	Lacquers, Stains, S	Shellac, Varnish, Polishes, Fillers, Thinners	
<u>5</u>	2 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	GEN
Generator ‡ Registration Status: Status Date Mailing Add	Date:	BCG02841 7/15/1996 ACTIVE 7/30/2002 100 1ST AVE EA	ST, PRINCE RUPE	RT, BC, CA V8J 1A6	
Details Waste:	-	Batteries, wet, fill	ed with acid or Batt	ery, electric storage, wet	
<u>5</u>	3 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	REC
Year: Company N	o.:	2002 BCG02841			

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Region:		SKEENA			
Details - Type of V		paints, enamels,	lacquers, stains, s	hellac, varnish, polishes, fillers, thinners	
<u>5</u>	4 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	REC
Year: Company N Region:	No.:	2005 BCG02841 SKEENA			
Details - Type of V		batteries, wet, fille	ed with acid or bat	tery, electric storage, wet	
Type of V	Vaste:	paints, enamels,	lacquers, stains, s	hellac, varnish, polishes, fillers, thinners	
<u>5</u>	5 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	REC
Year: Company N Region:	No.:	2004 BCG02841 SKEENA			
Details - Type of V		aerosols			
Type of V	Vaste:	batteries, wet, fille	ed with acid or bat	ttery, electric storage, wet	
+ Type of V	Vaste:	paints, enamels,	lacquers, stains, s	hellac, varnish, polishes, fillers, thinners	
<u>5</u>	6 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	REC
Year:		2004			
Company N Region:	Vo.:	SKEENA			
Details - Type of V		batteries, wet, fille	ed with acid or bat	tery, electric storage, wet	
+ Type of V	Vaste:	paints, enamels,	lacquers, stains, s	hellac, varnish, polishes, fillers, thinners	
<u>5</u>	7 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC V8J 4K8	REC
Year: Company N Region:		2001 BCG02841 SKEENA			
Details -					

Map Key	Number of Records	Direction/ Distance m	Elevation m	Site	DB
Type of V	Vaste:	batteries, wet, fille	ed with acid or bat	tery, electric storage, wet	
+ Type of V	Vaste:	paints, enamels,	lacquers, stains, sl	nellac, varnish, polishes, fillers, thinners	
<u>5</u>	8 of 8	SSW/84.7	42.5	SKEENA-QUEEN CHARLOTTE REGIONAL DISTRICT 5 - 300 KAIEN RD PRINCE RUPERT BC	REC
Year: Company I Region:	Vo.:	2000 BCG02841 SKEENA			
Details - Type of V		aerosols			
+ Type of V	Vaste:	batteries, wet, fille	ed with acid or bat	tery, electric storage, wet	
+ Type of V	Vaste:	paints, enamels,	lacquers, stains, sl	hellac, varnish, polishes, fillers, thinners	
<u>6</u>	1 of 1	SSW/125.5	44.4	310 KAIEN ROAD PRINCE RUPERT BC	SREG
Site ID #: Registered Updated: Detail Rem Common N Victoria File Regional F Region: Latitude: Longitude: Location Descri Cleanup St	noved: lame: e No.: ille No.: escription: iption:	0'BRIEN ROAD of No File 26250-20/PR/310 SMITHERS, SKE 54.506944 130.420000 Bc Environment F	OKAIENROAD ENA	20000 Trim Map Coverages, Nad 83.	
7	1 of 1	SSE/161.3	26.5	VERNTURE TOWING & AUTO WRECKING LTD 119 METLAKATLA PRINCE RUPERT BC	GEN
Generator: Registration Status: Status Date Mailing Add	n Date: e:	BCG01856 1/13/1995 ACTIVE 1/13/1995 PO BOX 323, PR	INCE RUPERT, B	C, CA V8J 3P9	
Details - Waste:		waste batteries, a	acid filled		
<u>8</u>	1 of 2	SSE/194.6	24.1	NORTHWEST AUTOMOTIVE RECYCLE & SALVAGE 140 METLAKATLA RD PRINCE RUPERT BC	AUWR
Facility: Description	n:	Automobile Wrec	king & Recycling		

Мар Кеу	Number of Records	Direction/ Distance m	Elevation m	Site	DB
8	2 of 2	SSE/194.6	24.1	S K B AUTO SALVAGE (1985) LTD 140 METLAKATLA RD PRINCE RUPERT BC	AUWR
Facility: Description	:	CAR WRECKING	& RECYCLING		
9	1 of 1	SSW/208.7	61.3	BOX 489, HWY 16 PRINCE RUPERT BC	SREG
Site ID #: Registered: Updated: Detail Rem Common N Victoria File Region: Latitude: Longitude: Location De Site Descrip	oved: lame: e No.: ile No.: escription: otion:	AHB GENERAL CONTRACTING BIOCELL FACILITY No File 26250-20/PR/AHB BIOREM SMITHERS, SKEENA 54.311611 130.268806 Lat/Long Confirmed Using Icis 2013-11-04 Unranked			

Unplottable Summary

DB	Company Name/Site Name	Address	City	Postal
AMS	PRINCE RUPERT PORT AUTHORITY	Fairview Terminal Hwy 16 Prince Rupert, BC	ВС	
AMS	PRINCE RUPERT PORT AUTHORITY	Fairview Terminal, Hwy 16, Prince Rupert, BC	ВС	
GEN	BRITISH COLUMBIA HYDRO AND POWER AUTHORITY	HWY 16 EAST	PRINCE RUPERT BC	
GEN	BELLASLOUIS	HWY 16, 15 KM EAST	PRINCE RUPERT BC	
NEES	Unknown	Metlakatla Ferry Dock, Prince Rupert Harbour	Prince Rupert Harbour BC	
NEES	BC Hydro	generating station, 1.5 km east of the	Prince Rupert BC	
NEES	CONWEST TRUCKING		30 KM E OF PR.RUPERT, HWY #16 BC	
NEES	Metlakatla Water Taxi	Prince Rupert Harbour - Metlakatla Water Taxi Dock	Prince Rupert Harbour BC	
PCB	BRITISH COLUMBIA HYDRO AND POWER AUTHORITY	HWY 16 EAST	PRINCE RUPERT BC	

Unplottable Report

Site: PRINCE RUPERT PORT AUTHORITY

Fairview Terminal Hwy 16 Prince Rupert, BC BC

Database: AMS

File #:

Permit Type: Municipal Sewage Regulation - effluent

Date Issued: 4/26/2007

Date Ammended:

Status: Active Status As Of: Aug 2009

Location: Fairview Terminal Hwy 16 Prince Rupert, BC

SIC Code: 48832

Mailing Address: 200 - 215 COW BAY ROAD PRINCE RUPERT, BC V8J 1A2

Site: PRINCE RUPERT PORT AUTHORITY

Fairview Terminal, Hwy 16, Prince Rupert, BC BC

Database:

AMS

File #:

Permit Type: Municipal Sewage Regulation - effluent

Date Issued: 4/26/2007

Date Ammended:

Status: Active Status As Of: Jan 2012

Location: Fairview Terminal, Hwy 16, Prince Rupert, BC

SIC Code: 48832

Mailing Address: 200 - 215 COW BAY ROAD PRINCE RUPERT, BC V8J 1A2

Site: BRITISH COLUMBIA HYDRO AND POWER AUTHORITY

HWY 16 EAST PRINCE RUPERT BC

Database: GEN

 Generator #:
 BCG00852

 Registration Date:
 1/13/1995

 Status:
 ACTIVE

 Status Date:
 12/1/1999

Mailing Address: BOX 3000, GARIBALDI HIGHLANDS, BC, CA V0N 1T0

--- Details ---

Waste: diesel fuel/water mixture

+

Waste: diesel sludge

+

Waste: used lube & transformer oil

+

Waste: waste articles & capacitators containing PCB's

Site: BELLASLOUIS

HWY 16, 15 KM EAST PRINCE RUPERT BC

Database: GEN

Generator #: BCG02826
Registration Date: 1/13/1995
Status: ACTIVE

Status Date: 1/13/1995

Mailing Address: PO BOX 652, PRINCE RUPERT, BC, CA V8J 3S1

--- Details ---

Waste: lead acid batteries

<u>Site:</u> Unknown
Metlakatla Ferry Dock, Prince Rupert Harbour Prince Rupert Harbour BC

Database: NEES

Order #: 20141024051

Incident Date: 7/8/00 0:00
Contaminant: diesel

Amount: Units:

Quantity:UnknownCause:UnknownSource:UnknownReason:UnknownSector:Unknown

Site: BC Hydro Database: egenerating station, 1.5 km east of the Prince Rupert BC NEES

Incident Date:7/31/00 15:22Contaminant:natural gasAmount:3500Units:KilogramsQuantity:Estimate

Cause:Valve, Fitting LeakSource:Other Industrial PlantReason:Equipment FailureSector:Energy Generation

Site: CONWEST TRUCKING

30 KM E OF PR.RUPERT, HWY #16 BC

Database:
NEES

Incident Date: 5/13/88

Contaminant: SULPHUR PELLETS

Amount: Units: Quantity: Cause:

Source: TRANSPORT

Reason:

19

Sector: SERVICES

<u>Site:</u> Metlakatla Water Taxi
Prince Rupert Harbour - Metlakatla Water Taxi Dock Prince Rupert Harbour BC

Database:
NEES

Incident Date: 7/25/00 13:33

Contaminant:dieselAmount:1Units:LitresQuantity:[Other]Cause:UnknownSource:Other WatercraftReason:UnknownSector:Transportation

<u>Site:</u> BRITISH COLUMBIA HYDRO AND POWER AUTHORITY HWY 16 EAST PRINCE RUPERT BC

Database: PCB

BCG No.:BCG00852Status Date:1999/Dec/01Status:ACTIVERegion:SKEENA

--- Details ---

Storage: 10 KG Waste in 30 Days: 0 KG

Waste Description: waste articles & capacitators containing PCB's

Generating Description: GENERATED ONE TIME ONLY

Handling Description: STORAGE

Appendix: Database Descriptions

Ecolog Environmental Risk Information Services Ltd can search the following databases. The extent of Historical information varies with each database and current information is determined by what is publicly available to Ecolog ERIS at the time of update. **Note**: Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.

Authorization Management System (formerly WASTE):

Provincial AMS

AMS is the Ministry of Environment's waste permit administration system. It maintains data related to the administration of permits issued under the Environmental Management Act and registrations under various regulations where the regulation requires a discharger to register. It will include information such as companies or individuals permitted to discharge waste; type of business and locations at which waste disposal is permitted; the types, amounts and frequency of waste products that are permitted to be discharged at given locations; issue date and more. This was previously referred to as the "WASTE" database.

Government Publication Date: 1957-Jan 2012

Assessment Report Indexing System:

Provincial ARIS

Within British Columbia, the "Mineral Tenure Act Regulation", requires that all results of mineral exploration and development programs be submitted to the British Columbia Ministry of Employment and Investment, where they are then maintained and housed by the Geological Survey Branch. The assessment reports provided by the Geological Survey Branch contain summary information for reports approved to November 1998; on geology, geophysics, geochemistry, drilling, prospecting and physical work.

Government Publication Date: 1947-Jan 2014

Automobile Wrecking & Supplies:

Private AUWR

This database provides an inventory of all known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 2001-Jul 2014

BC Oil and Gas Wells:

Provincial BOGW

Order #: 20141024051

The BC Oil and Gas Wells database was collected from the BC Oil and Gas Commission and is a comprehensive database that includes information regarding well number, well name, operator name, location, depth, status, as well as drill date and type. Please note that this database will not be updated, information on wells drilled after January 2006 can be found in the Oil and Gas Wells (OGW) database under the 'Private Source Database' section.

Government Publication Date: 1918-Jan 2006*

Chemical Register: Private CHEM

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Jul 2014

Coal Tar Sites: Provincial COAL

This one-time study is an inventory of all known and historical coal tar sites, identifying sites that produced coal tar and other related tars during the mid 1800's to the mid 1900's.

Government Publication Date: 1992*

Compliance and Enforcement Summary:

This database summarizes orders, tickets and convictions issued by the Ministry of the Environment under applicable ministry and federal legislation. Orders are issued when action is required to prevent or stop actual or potential impact to the environment. Tickets apply to all tickets paid, deemed guilty by non-payment or expiry, or contested in court and found guilty by a judge. Convictions apply to all court convictions of ministry legislation as well as federal legislation where the ministry has taken action. This reporting summary began in January 2006, replacing Non-Compliance Reports by the former Ministry of Water, Land & Air Protection. See the Non-Compliance Reports (NCPL) database below for more information. This database is part of a larger COORS (Conservation Officer On-Line Reporting System) database controlled by the Ministry of Environment in BC.

Government Publication Date: 1990-Sep 2013

Wastewater Discharge Inventory:

Provincial DIS

Provincial

This inventory contains information regarding direct dischargers of toxic pollutants for the following operations: Industrial; Commercial; Agricultural; Mining; Municipal; Urban; Aquaculture; and Pulp & Paper, operating under provincial permits. Please note that this program was discontinued and therefore the database will not be updated.

Government Publication Date: 1957-1995*

Environmental Effects Monitoring:

Federal EE

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

ĖHS

EcoLog ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Aug 2014

Environmental Issues Inventory System:

Federal

EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Federal Convictions: Federal FCON

Environment Canada maintains a database referred to as the "Environmental Registry" that details prosecutions under the Canadian Environmental Protection Act (CEPA) and the Fisheries Act (FA). Information is provided on the company name, location, charge date, offence and penalty.

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

Order #: 20141024051

FCS

The Federal Contaminated Sites Inventory includes information on all known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government.

Government Publication Date: June 2000-Sep 2014

Commercial Fisheries: Provincial FISH

The Fisheries, Aquaculture & Commercial Fisheries Branch of the Ministry of Water, Land & Air Protection maintains a database of fish processing plant approvals, licenses and activities. Each year, licenses need to be renewed.

Government Publication Date: 1993-2012

Fisheries & Oceans Fuel Tanks:

Federal FOFT

Fisheries & Oceans Canada maintains an inventory of all aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sept 2003

Waste Generators Summary:

Provincial GEN

Within British Columbia, the Special Waste Regulation defines a waste generator as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number (BCG#), company name and address of registered generators; including the types of hazardous wastes generated and the form of treatment used in the handling of the waste. This information is a summary of all years from June 1993 to March 2006. Please note that a British Columbia Generator number (BCG#) are not unique to a company. This database is part of a larger SWIS (Special Waste Information System) database controlled by the Ministry of Environment in BC.

Government Publication Date: 1993-2010

Indian & Northern Affairs Fuel Tanks:

Federal IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of all aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Lumber Mills: Provincial Lum

This database provides information regarding the general location and estimated annual output capacity of major timber processing facilities within the province of British Columbia.

Government Publication Date: 1997-2011

Canadian Mine Locations:

Private

MINE

This information is collected from the Canadian & American Mines Handbook. The Mines database is a national database that provides over 290 listings on mines (listed as public companies) dealing primarily with precious metals and hard rocks. Listed are mines that are currently in operation, closed, suspended, or are still being developed (advanced projects). Their locations are provided as geographic coordinates (x, y and/or longitude, latitude). As of 2002, data pertaining to Canadian smelters and refineries has been appended to this database.

Government Publication Date: 1998-2009

Minerals Deposits Database:

Provincial

Order #: 20141024051

MNR

The Ministry of Energy and Mines maintains a database of more than 12,000 metallic mineral, industrial mineral and coal deposits and occurrences within British Columbia. Information within our report pertains to primary name, elevation, mining division, commodities, and status. Please note that as of January 27, 1999, information included within this database was divided into 2 categories: released and unreleased areas. Records for unreleased areas may contain incomplete, unedited, and/or inaccurate data.

Government Publication Date: 1852-May 2014

National Analysis of Trends in Emergencies System (NATES):

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial **NCPL** From 1990 to March 2001 the Ministry of Water, Land & Air Protection maintained a reporting system that identified any reported concern that pertained to compliance with authorized waste management permits or plans, approvals, orders,

Federal

Federal

Federal

Federal

Federal

Federal

operational certificates and regulations, or any other activity under the Waste Management Act. This reporting system was discontinued in April of 2001; therefore there will be no updates to this database. However, beginning in January 2006 the Ministry of the Environment began publishing Compliance and Enforcement Summaries. See the Compliance and Enforcement Summary (CPL) database above for more information.

Government Publication Date: 1990-Mar 2001*

National Defence & Canadian Forces Fuel Tanks:

The Department of National Defence and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defence & Canadian Forces Spills:

The Department of National Defence and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Aug 2010

National Defence & Canadian Forces Waste Disposal Sites:

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Wells:

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for all previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

NDWD

NDSP

NEBW

NFFS

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. All federal out-of-service PCB containing equipment and all PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

ederal NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances.

Government Publication Date: 1993-2012

Oil and Gas Wells: Private OGW

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Sep 2014

Canadian Pulp and Paper:

Private PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009

Inventory of PCB Storage Sites:

Provincial PCB

The Ministry of Water, Land & Air Protection maintains a database of all active Polychlorinated Biphenyls (PCB) waste storage sites within the Special Waste Information System. Please note that there is no requirement to maintain an accurate listing of all inactive PCB waste storage equipment and/or disposal sites. The records within this database provide information regarding site name, location, an inventory of stored wastes and quantities, and status date (when site first active/inactive). Previous to May 1993, data was collected from a different source and is only available for 1989. *Government Publication Date:* 1989, May 1993-2010

Parks Canada Fuel Storage Tanks:

-ederai P

Order #: 20141024051

Canadian Heritage maintains an inventory of all known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

<u>Pesticide Register:</u> Provincial PES

This is a database of individuals who apply for a service or vendor license for the use of registered pesticides. A service license is denoted by an "S" in the license number, likewise, a vendor license by a "V" in the license number.

Government Publication Date: 1989-Apr 2010

Private Aggregate Inventory:

Provincial **PRAI** Within British Columbia, aggregate pits are designated as mines; and as such, the Ministry of Energy and Mines is responsible for their planning, management and regulation, including permitting, health, safety and reclamation. Owners

or operators of all private aggregate pits must file Notices of Work as part of the permitting and reclamation process. In 1994, the Geological Survey Branch initiated the Aggregate Program, in order to establish an inventory of natural and crushed aggregate pits. Information about each pit in the database file includes its location, NTS map sheet number, Notice of Work file number and status (active/inactive) and the type of landform hosting the pit. This database was a onetime inventory and will not be updated.

Government Publication Date: 1975-1996*

Public Aggregate Inventory:

Provincial

PUAI

Information about public aggregate pits in British Columbia is collected and managed by the Ministry of Transportation and Highways. Data has been gathered on more than 2000 pits, in respect to pit name, type and geographical location. Government Publication Date: 1960-2001*

Waste Receivers Summary:

Provincial

The Special Waste Regulation defines the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. A waste receiving location is any site or facility to which waste is transferred through a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address. This database is part of a larger SWIS (Special Waste Information System) database controlled by the Ministry of Environment in BC. Government Publication Date: 1992-2010

Retail Fuel Storage Tanks:

Private

RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jul 2014

Scott's Manufacturing Directory:

Private

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011

Provincial Site Registry: **SREG**

This information is collected from the Ministry of Environment's Site Registry. It is not a registry of contaminated sites, although some sites on the registry are contaminated. Most sites have already been investigated and require minor remediation, or have already been cleaned up to government requirements. The Registry also stores environmentally relevant historic information about sites including: names of participants, legal and administrative notations, references to pertinent documents submitted to the ministry, associations with other sites, and much more.

1 Please note the information provided in the Detail Reports have been updated to the best of our ability as provided by the source, BC Government. For more information, please contact your ERIS sales representative.

Government Publication Date: 1985-Aug 2014, Detail Rpt Up to Oct 2012

Transport Canada Fuel Storage Tanks:

Federal

TCFT

With the provinces of BC, MB, NB, NF, ON, PE, and QC; Transport Canada currently owns and operates 90 fuel storage tanks. Our inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970-Mar 2007

Waste Disposal Site Inventory:

Provincial

WDS

Order #: 20141024051

This inventory pertains to active, regulated waste disposal sites within the province of British Columbia. Registered companies may hold a permit or certificate for release of the following waste types: Effluent, Refuse, Air and Special Waste Storage. Information on Waste Disposal Sites after 1998 is contained within the Authorizations (AUTH) database.

Water Well Information System:

Provincial www.s

Order #: 20141024051

This database was collected from the Groundwater Information Center of the Ministry of Water, Land & Air Protection and contains over 90,000 records. Comprehensive information is available for each well including: well location (address/site area), latitude/longitude, legal description (section, lot, plan, district lot, range, township), BCGS Mapsheet No., depth of well, construction dates, well status and lithology. The accuracy of well locations is also provided, as well as the reference source for obtaining geographic coordinates.

Government Publication Date: 1880-Jul 2014

Definitions

<u>Database Descriptions:</u> This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

<u>Detail Report</u>: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

<u>Distance:</u> The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries". All values are an approximation.

<u>Direction:</u> The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

<u>Elevation:</u> The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

<u>Map Key:</u> The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

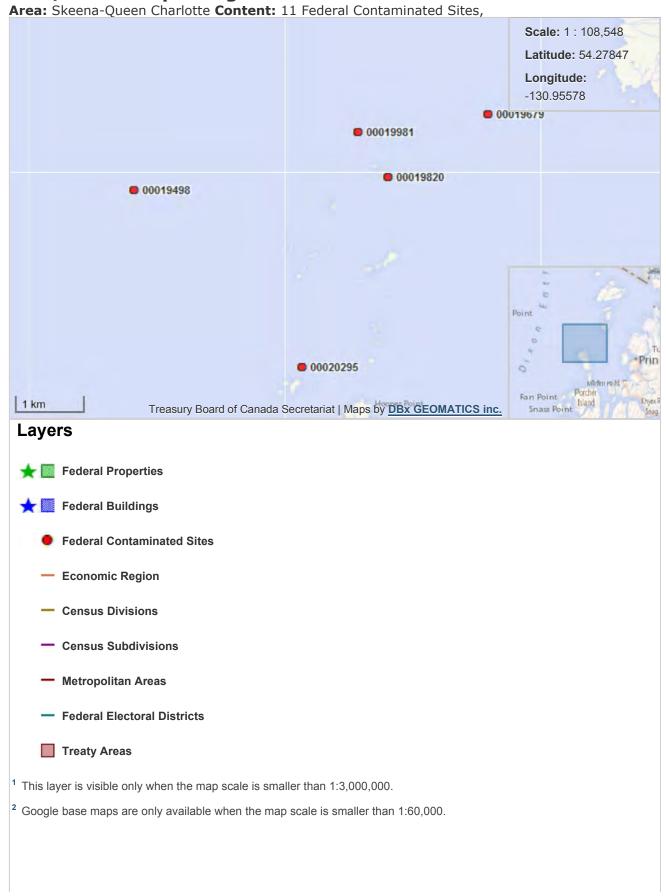
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and were included as reference.

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DFRP/FCSI - Map Navigator



IMPORTANT NOTE: The tables below are currently not synchronized with the map content. Please click on the following hyperlink if you want to update the tables content: UPDATE

TABLES

Federal Properties

Federal Properties Page(s): 1 / 1

Select the number of rows per page 25 ✓

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				NEXt Fage
Property Number	Official name	Custodian	Primary use	Type of interest
34468	North Rachael Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Land Use Permit
34469	Lucy Islands North	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Lease or Licence
34470	Osborne Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Land Use Permit
34471	Hanmer Rocks RACON	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Crown Owned
67684	Triple Islands	Fisheries and Oceans Canada (Other)	Lightstation	Crown Owned
84025	Archibald Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84280	Harris Rock	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84377	Lucy Islands	Fisheries and Oceans Canada (Coast Guard)	Lightstation	Crown Owned
84647	South Rachael Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest

Federal Buildings

Federal Buildings Page(s): 1 / 1

Select the number of rows per page $\boxed{5}$

Building Number	Name	Custodian	Type of interest
067684	Main Building	Fisheries and Oceans Canada (Other)	Crown Owned
106817	Bulk Fuel Storage System	Fisheries and Oceans Canada (Other)	Crown Owned
107324	Storage Shed	Fisheries and Oceans Canada (Other)	Crown Owned

Federal Contaminated Sites

Federal Contaminated Sites

Page(s): 1 / 1

Select the number of rows per page 25 ✓

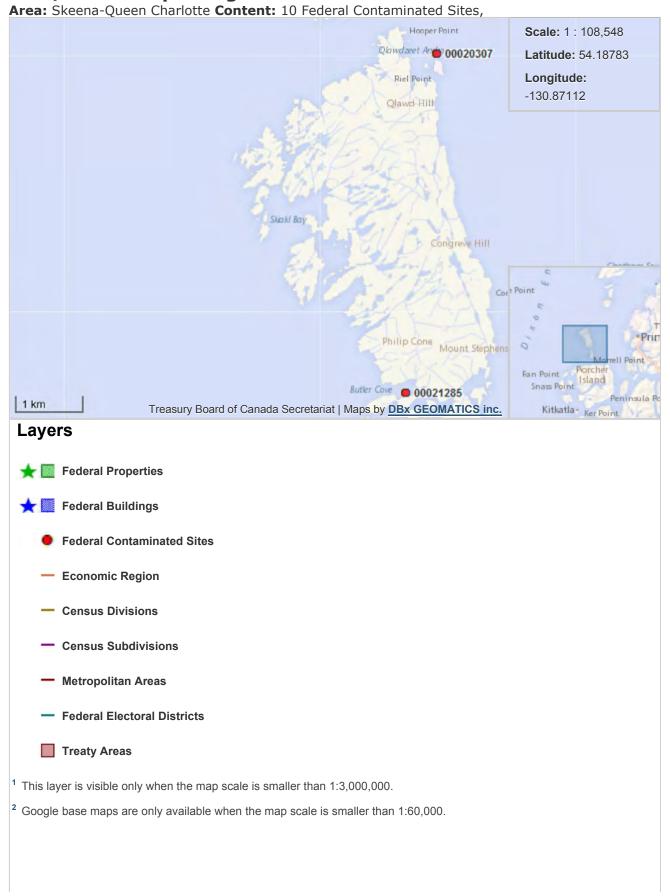
Next Page

			<u>Next Page</u>
Site Number	Reporting organisation or Branch	Internal Identifier	Site Name
00019498	Fisheries and Oceans Canada	P K 00084	Butterworth Rocks RACON
00019679	Fisheries and Oceans Canada	P K 00294	Hanmer Rocks RACON
00019758	Fisheries and Oceans Canada	P K 00386	Lucy Islands North
00019812	Fisheries and Oceans Canada	P K 00452	North Rachael Island
00019820	Fisheries and Oceans Canada	P K 00470	Osborne Island
00019981	Fisheries and Oceans Canada	P K 00675	Triple Islands
00020287	Fisheries and Oceans Canada	P K 01006	South Rachael Island
00020295	Fisheries and Oceans Canada	P K 01014	Archibald Island
00020307	Fisheries and Oceans Canada	P K 01026	Harris Rock
00021285	Fisheries and Oceans Canada	P S 06020	Butler Cove - Mooring Buoys
84377001	Fisheries and Oceans Canada	P K 00385	Lucy Islands - Hydrocarbon Contamination Near the Lighthouse
84377001		P K 00385	

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DFRP/FCSI - Map Navigator



The tables content is currently representating the actual map.

Federal Properties

Federal Properties Page(s): 1 / 1

Select the number of rows per page 25 ✓

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				<u>Next Page</u>
Property Number	Official name	Custodian	Primary use	Type of interest
34468	North Rachael Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Land Use Permit
84025	Archibald Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84103	Chearnley Passage	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84280	Harris Rock	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84286	Havelock Rock	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84647	South Rachael Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest
84738	Useless Point	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest

Federal Buildings

Federal Buildings Page(s): 1 / 1

Select the number of rows per page $\boxed{5}$

Building Number Name Custodian Type of interest	
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Federal Contaminated Sites

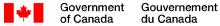
Federal Contaminated Sites

Page(s): 1 / 1

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Site Number	Reporting organisation or Branch	Internal Identifier	Site Name
00019498	Fisheries and Oceans Canada	P K 00084	Butterworth Rocks RACON
00019812	Fisheries and Oceans Canada	P K 00452	North Rachael Island
00019909	Fisheries and Oceans Canada	P K 00583	Seal Rocks RACON
00020244	Fisheries and Oceans Canada	P K 00965	Havelock Rock
00020258	Fisheries and Oceans Canada	P K 00979	Useless Point
00020287	Fisheries and Oceans Canada	P K 01006	South Rachael Island
00020295	Fisheries and Oceans Canada	P K 01014	Archibald Island
00020301	Fisheries and Oceans Canada	P K 01020	Chearnley Passage
00020307	Fisheries and Oceans Canada	P K 01026	Harris Rock
00021285	Fisheries and Oceans Canada	P S 06020	Butler Cove - Mooring Buoys



du Canada

Treasury Board of Canada Secretariat

Home > **FCSI** > Site 00020307

Site 00020307 - Harris Rock

Status Historical review completed. No further action required.

Site Status Closed

Classification

Site Details

Reporting Organization Fisheries and Oceans Canada

Reason for Involvement Federal Real Property

Property Type Federal (DFRP Property Number 84280)

Site Location

Locate this site on map

Latitude, Longitude 54.21614, -130.76478

Municipality Skeena-Queen Charlotte C, BC

Federal Electoral District Skeena--Bulkley Valley

Site Management Strategy

Other

Population

This table contains the population estimates at distances around the site.

Radius	Population
1 km	0
5 km	1
10 km	6
25 km	55
50 km	18,661

Summary of Annually Reported Data

Total Expenditures

Assessment \$1,012.48

FCSAP Expenditures

Assessment \$1,012.48

Financial/Annual Information

2006-2007				
2010-2011				
Reporting Organization	Fisheries and Oceans Canada			
Internal Identifier	P K 01026			
Highest Step Completed	01 Identify Suspect Sites			
Planned Completion Date (Step 7)	no data			
Planned Completion Date (Step 8)	no data			
Planned Completion Date (Step 9)	no data			
Total Assessment Expenditure	\$1,012.48			
Total Remediation Expenditure	\$0.00			
Total Care Maintenance Expenditure	\$0.00			
Total Monitoring Expenditure	\$0.00			
FCSAP Assessment Expenditure	\$1,012.48			
FCSAP Remediation Expenditure	\$0.00			
FCSAP Care Maintenance Expenditure	\$0.00			
FCSAP Monitoring Expenditure	\$0.00			
Actual Cubic Meters Remediated	0 m ³			
Actual Hectares Remediated	0 ha			

2013-2014 | 2012-2013 | 2011-2012 | 2010-2011 | 2009-2010 | 2008-2009 | 2007-2008

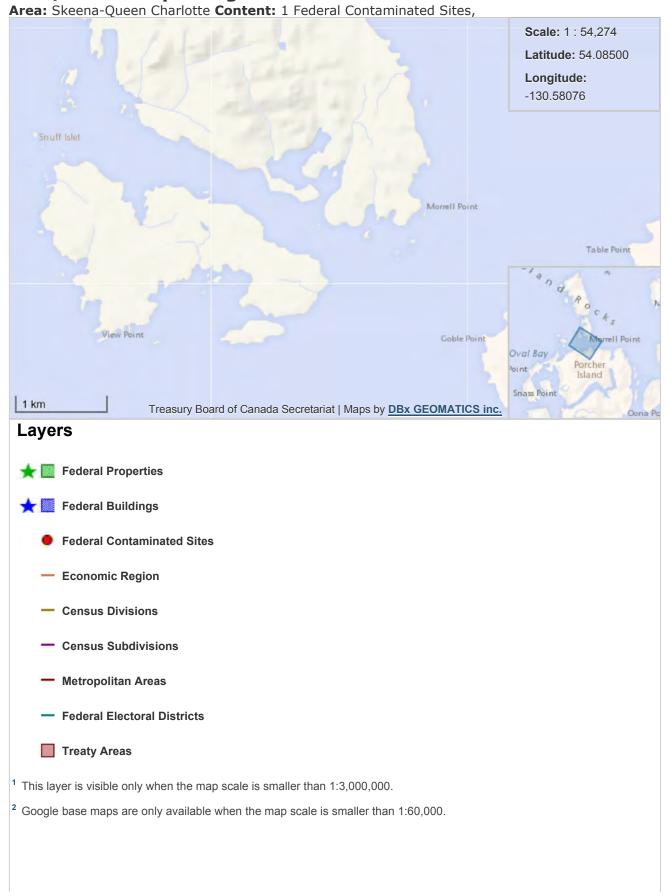
Actual Tons Remediated	0 t	Canada
Closed	No	Cariaga

Version: 9.71

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DFRP/FCSI - Map Navigator



The tables content is currently representating the actual map.

Federal Properties

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Property Official Number name		Custodian	Primary use	Type of interest
84738	Useless Point	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest

Federal Buildings

Federal Buildings Page(s): 1 / 1

Select the number of rows per page 5 🔻

Building Number	Name	Custodian	Type of interest
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Federal Contaminated Sites

Federal Contaminated Sites

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Select the number of rows per page 25 ✓

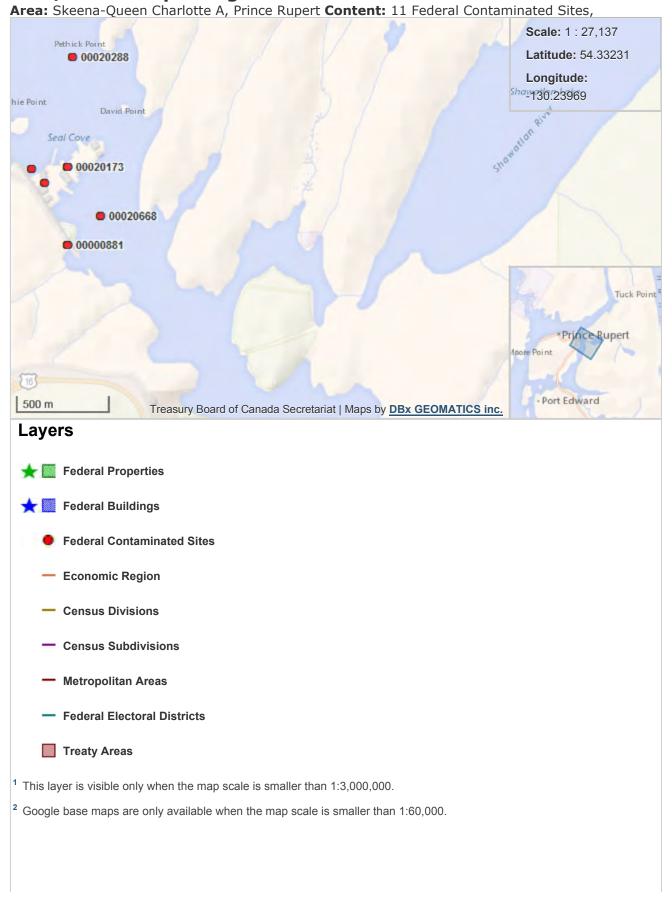
Next Page

Site Number	Reporting organisation or Branch	Internal Identifier	Site Name
00020258	Fisheries and Oceans Canada	P K 00979	Useless Point

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DFRP/FCSI - Map Navigator



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Federal Properties

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				Next Page
Property Number	Official name	Custodian	Primary use	Type of interest
19266	Prince Rupert (Seal Cove)	Transport Canada (Port Programs)	Seaplane Base	Crown Owned
19324	Air Services Section - Prince Rupert	Royal Canadian Mounted Police	Aircraft Hangar(s)	Lease or Licence
21357	Pethic Point	Prince Rupert Port Authority	Port	Crown Owned
56120	Prince Rupert Marine Station - Sourdough Bay	Fisheries and Oceans Canada (Other)	Maintenance Centre	Lease or Licence
84778	Prince Rupert - Seal Cove (and Prince Rupert MCTS)	Fisheries and Oceans Canada (Other)	Coast Guard District Headquarters	Crown Owned

Federal Buildings

Federal Buildings Page(s): 1 / 1

Select the number of rows per page 25 ✓

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			<u>Next Page</u>
Building Number	Name	Custodian	Type of interest
019324	Air Services Section - Prince Rupert	Royal Canadian Mounted Police	Crown Owned
056120	Conservation and Protection (Enforcement) Storage	Fisheries and Oceans Canada (Other)	Crown Owned
084778	Groundkeeper Shed	Fisheries and Oceans Canada (Other)	Crown Owned
106681	Flammable Storage	Fisheries and Oceans Canada (Other)	Crown Owned
106803	Sandblast / Storage		

		Fisheries and Oceans Canada (Other)	Crown Owned
106887	Quonset Hut	Fisheries and Oceans Canada (Other)	Crown Owned
106916	Emergency Power Plant	Fisheries and Oceans Canada (Other)	Crown Owned
106936	Battery Charger Building	Fisheries and Oceans Canada (Other)	Crown Owned
107055	Marine Emergencies Shop - RSER	Fisheries and Oceans Canada (Other)	Crown Owned
107202	Workshops	Fisheries and Oceans Canada (Other)	Crown Owned
107233	Helicopter Hanger	Fisheries and Oceans Canada (Other)	Crown Owned
107234	Outboard Storage Shed Shop	Fisheries and Oceans Canada (Other)	Crown Owned
107287	Flight Services Station	Fisheries and Oceans Canada (Other)	Crown Owned
107311	Buoy Maintenance Shop	Fisheries and Oceans Canada (Other)	Crown Owned
107318	Main Shop and Office	Fisheries and Oceans Canada (Other)	Crown Owned
107412	Biologist Shed (Biology Center)	Fisheries and Oceans Canada (Other)	Crown Owned
107467	Watchman Shed	Fisheries and Oceans Canada (Other)	Crown Owned
107507	Flammable Storage Shed	Fisheries and Oceans Canada (Other)	Crown Owned
107563	Administration / Stores	Fisheries and Oceans Canada (Other)	Crown Owned
107608	Biology Boat Storage	Fisheries and Oceans Canada (Other)	Crown Owned
107682	MCTS	Fisheries and Oceans Canada (Other)	Crown Owned
107782	Lumber Storage	Fisheries and Oceans Canada (Other)	Crown Owned
107803	Crown Asset Building	Fisheries and Oceans Canada (Other)	Crown Owned
107824	Boat Storage Shed	Fisheries and Oceans Canada (Other)	Crown Owned

Federal Contaminated Sites

Federal Contaminated Sites

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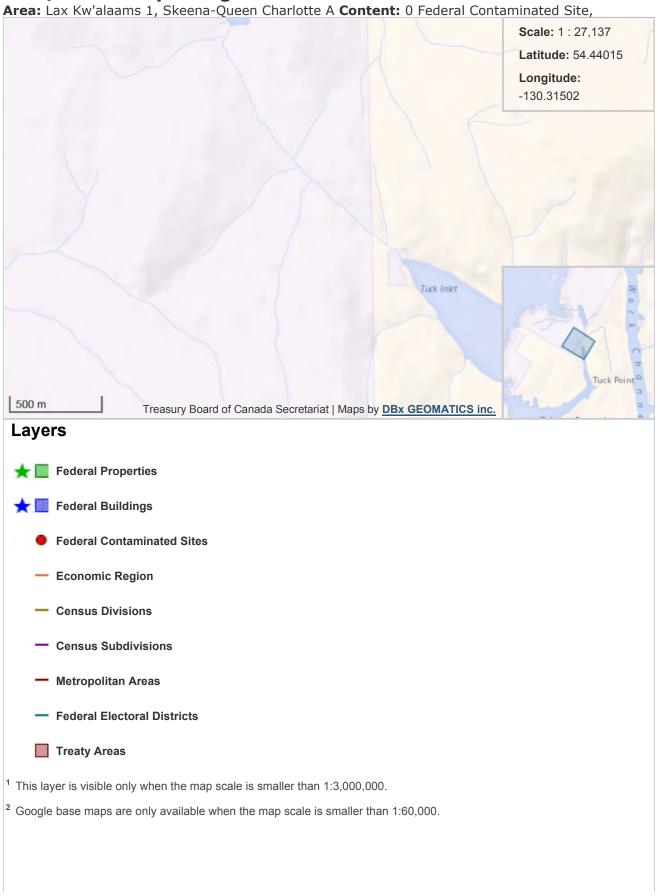
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Site Number	Reporting organisation or Branch	Internal Identifier	Site Name
00000881	Fisheries and Oceans Canada	P K 05204	Pr Rupert Marine Station, Sourdough Bay - Fire Pit and Oil Change Ramp
00000883	Fisheries and Oceans Canada	P K 05204	Pr Rupert Marine Station, Sourdough Bay - Foreshore Sediments
00013093	Fisheries and Oceans Canada	P K 00893	Prince Rupert, Seal Cove and Prince Rupert MCTS - Dump Site 2
00020171	Fisheries and Oceans Canada	P K 00893	Prince Rupert, Seal Cove, and Prince Rupert MCTS - Past Fuel Storage
00020172	Fisheries and Oceans Canada	P K 00893	Prince Rupert, Seal Cove, and Prince Rupert MCTS - Residues from Current and Historical Sand Blasting
00020173	Fisheries and Oceans Canada	P K 00893	Prince Rupert, Seal Cove, and Prince Rupert MCTS - Wharf and Loading Facilities
00020288	Fisheries and Oceans Canada	P K 01007	Seal Cove
00020668	Fisheries and Oceans Canada	P K 01403	Sourdough Bay Daybeacon - Unassessed
00020881	Fisheries and Oceans Canada	P K 05204	Prince Rupert Marine Station, Sourdough Bay - Current and Historical Operations in the vicinity
19266001	Transport Canada	19266001	Waterlot
19266002	Transport Canada	19266002	Uplands

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DFRP/FCSI - Map Navigator



The tables content is currently representating the actual map.

Federal Properties

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Property Number	Official name	Custodian	Primary use	Type of interest
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Federal Buildings

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Federal Contaminated Sites

Federal Contaminated Sites

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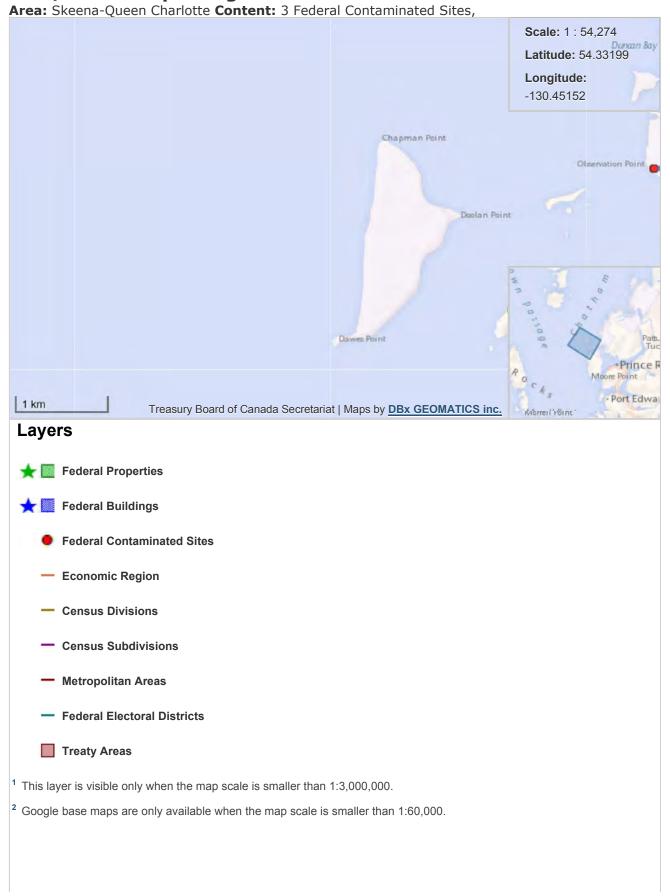
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DFRP/FCSI - Map Navigator



The tables content is currently representating the actual map.

Federal Properties

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Property Number	Official name	Custodian	Primary use	Type of interest
84605	Shrub Island	Fisheries and Oceans Canada (Coast Guard)	Marine Navigation Light	Occupied Without an Interest

Federal Buildings

Federal Buildings Page(s): 1 / 1

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	Building Number	Name	Custodian	Type of interest	
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Federal Contaminated Sites

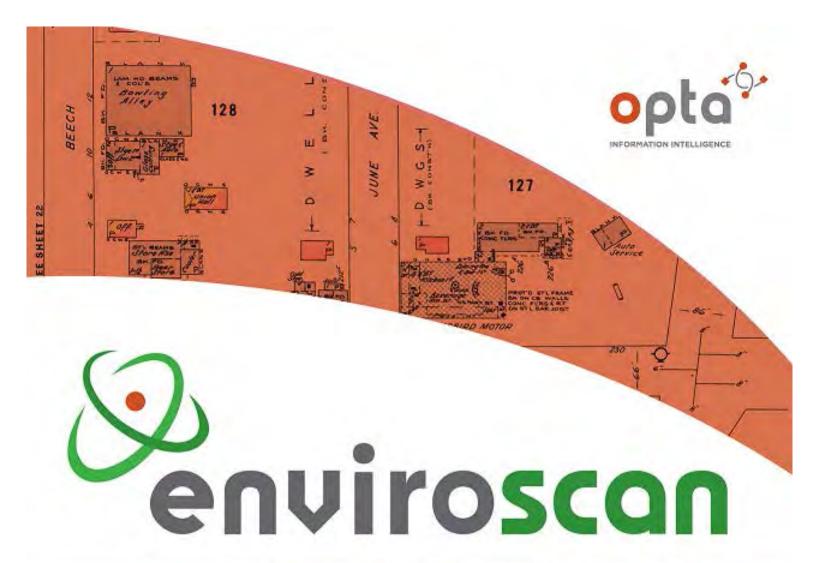
Federal Contaminated Sites

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Site Number	Reporting organisation or Branch	Internal Identifier	Site Name
00007656	Aboriginal Affairs and Northern Development Canada (Indian and Inuit Affairs Program)	0904333709	673 - Metlakatla - 07754 - S1/2 TSIMPSEAN 2 - 0904333709
00019576	Fisheries and Oceans Canada	P K 00181	Devastation Island
00020291	Fisheries and Oceans Canada	P K 01010	Shrub Island









An SCM Company

175 Commerce Valley Drive W Markham, Ontario L3T 7Z3

T: 905-882-6300 W: www.optaintel.ca

Report Completed By:

Sunita Kapoor

Site Address:

Grassy Bay Lane Prince Rupert BC Canada

Project No:

14135101000

Opta Order ID:

17912

Requested by:

Tanner JerreatPoole
Golder Associates Ltd.

Date Completed:

11/3/2014 11:20:27 AM

Page: 2

Project Name: Metlakatla Phase I

Project #: 14135101000

ENVIROSCAN Report

Search Area: Grassy Bay Lane Prince Rupert BC

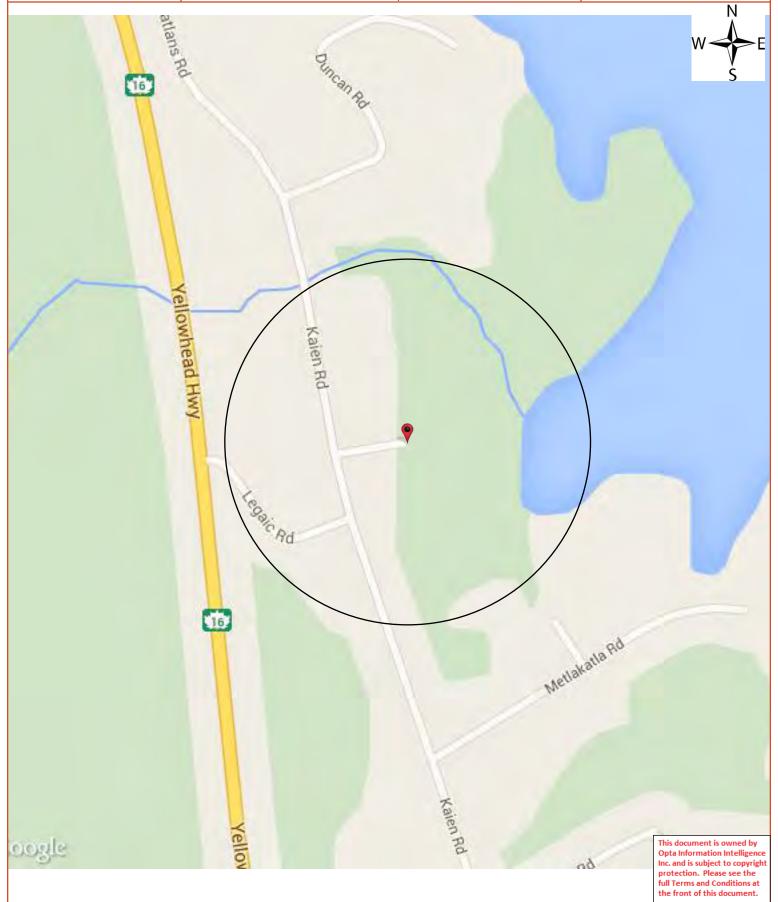
Canada

Requested by:

Tanner JerreatPoole
Date Completed: November 3, 2014 11:20:27



OPTA INFORMATION INTELLIGENCE



Page: 3

Project Name: Metlakatla Phase I

FSA

Project #: 14135101000

ENVIROSCAN Report

Opta Historical Environmental Services Enviroscan Terms and Conditions

Requested by:

Tanner JerreatPoole Date Completed: November 3, 2014 11:20:27



OPTA INFORMATION INTELLIGENCE

Opta Historical Environmental Services Enviroscan Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



175 Commerce Valley Drive W

Markham, Ontario

L3T 7Z3

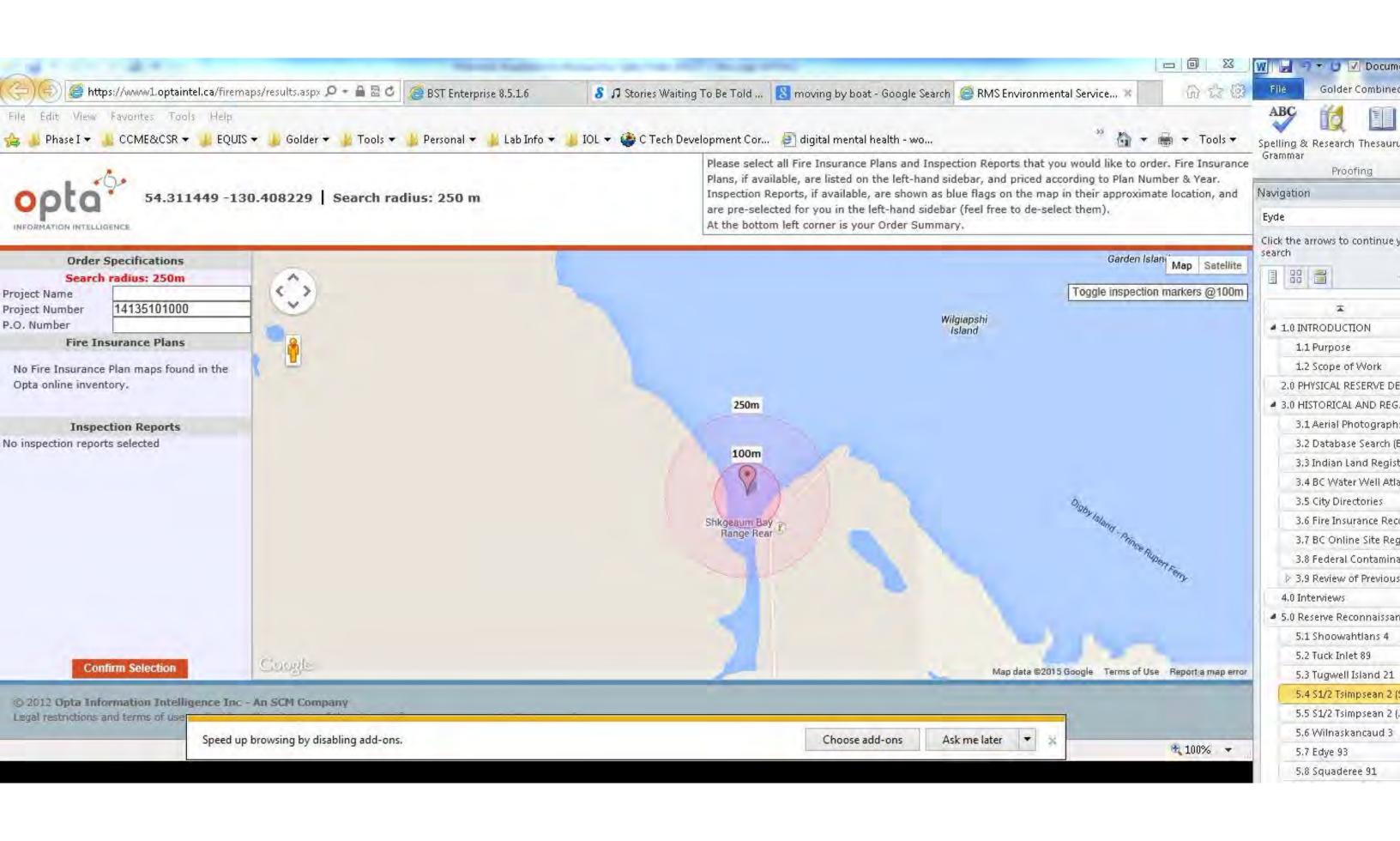
T: 905.882.6300

Toll Free: 905.882.6300

F: 905.882.6300

An SCM Company

www.optaintel.ca



Reserve General Abstract Report

Selected Criteria:

Reserve: AVERY ISLAND 92

Printed on: 2014/11/03 05:28 pm UNCLASSIFIED

Reserve: 07768 - AV	ERY ISLAND 92				
_	Columbia/BRITISH COLUMBIA				
	- Metlakatla				
MINUTES OF DECISIO	N	4			
Instrument Date:	1914/08/14	Term:			
Registration Number:	112954	Effective Date:			
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	15.000 Acres		
Land Affected:	AVERY ISLAND NORTHEAST	OF STEPHENS ISLAND			
Grantor(s):	ROYAL COMMISSION				
Grantee(s):	673 Metlakatla				
Remarks:	ESTABLISHES RESERVE				
PROV OC					
Instrument Date:	1923/07/26	Term:			
Registration Number:	92925	Effective Date:			
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	15.000 Acres		
Land Affected:	AVERY ISLAND NORTHEAST	OF STEPHENS ISLAND			
Grantor(s):	CROWN BRITISH COLUMBIA				
Remarks:	: OC #911 CONFIRMS RESERVE				

Printed on: 2014/11/03 05:28 pm

INDIAN LANDS REGISTRY SYSTEM

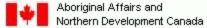
Reserve General Abstract Report

Selected Criteria:

Reserve: AVERY ISLAND 92

Printed on: 2014/11/03 05:28 pm UNCLASSIFIED

Reserve: 07768 - AV			
-	Columbia/BRITISH COLUMBIA - Metlakatla		
ОСРС			
Instrument Date:	1924/07/19	Term:	
Registration Number:	12073	Effective Date:	
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1265	Purpose:	
		Area:	15.000 Acres
Land Affected:	AVERY ISLAND NORTHEAST (OF STEPHENS ISLAND	
Grantor(s):	CROWN CANADA		
Remarks:	PC #1265 CONFIRMS RESERV	VE .	
PROV OC			
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	50.400 Acres
Land Affected:	LOT 3917 RGE 5 COAST DIST	RICT NORTHEAST OF STEP	HENS ISLAND
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANA	GEMENT & CONTROL SEE P	ROV OC REG #4111-118



Reserve General Abstract Report

Selected Criteria:

Reserve: AVERY ISLAND 92

Printed on: 2014/11/03 05:28 pm UNCLASSIFIED

Reserve: 07768 - AV	ERY ISLAND 92				
	Columbia/BRITISH COLUMBIA - Metlakatla				
Band: 673 SURRENDER	- Менакана				
	1051/04/10	Томпол			
Instrument Date:		Term:			
Registration Number:	15641	Effective Date:			
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:	FOR DISPOSITION		
Land Affected:	WHOLE OF RESERVE		<u> </u>		
Grantor(s):	673 - Metlakatla				
Grantee(s):	CROWN CANADA				
Remarks:	DISPOSAL UPON ENFRANCHI ATTACHED - ENFRANCHISEM IN COUNCIL REG #15645 PC RESERVE STATUS	ENT REVIEWED AND NOT RI	ECOMMENDED - SEE ORDER		
ОСРС					
Instrument Date:	1962/06/20	Term:			
Registration Number:	15645	Effective Date:	1962/06/20		
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:	PC #1962-868	Purpose:			
Land Affected:	WHOLE OF RESERVE				
Grantor(s):	CROWN CANADA				
Grantee(s):	: 673 Metlakatla				
Remarks:	PC #1962-868 RE-ESTABLISHES RESERVE				

Reserve General Abstract Report

Selected Criteria:

Reserve: AVERY ISLAND 92

Printed on: 2014/11/03 05:28 pm UNCLASSIFIED

Reserve: 07768 - AVERY ISLAND 92

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

PROV OC						
Instrument Date:	1969/05/13		Term:			
Registration Number:	4111-118		Effective Date:			
Registration Date:	1971/02/26 12:00	:00AM	Expiry Date:			
OCPC/MO Number:			Purpose:			
Land Affected:	WHOLE OF RESERVE					
Grantor(s):	CROWN BRITISH COLUMBIA					
Grantee(s):	CROWN CANADA					
Remarks:	OC #1555 WAIVES	OC #1555 WAIVES REVERSIONARY INTEREST IN REG #8042				

--- END OF REPORT ---

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Band-Reserve Report

Sorted By: Reserve

Selected Criteria: Registry: ILRS Band: 673 - Metlakatla 53/60: Both

Printed on: 2014/11/03 02:14 pm UNCLASSIFIED

Province: BRITISH COLUMBIA Reserves(18) Bands(2)

Reserve: 07768 - AVERY ISLAND 92 Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, RG. 5, LOT 3917, ENTIRE AVERY ISLAND, NORTH OF STEPHENS

ISLAND IN BELL PASSAGE

Latitude: 54° 13' 00" Longitude: 130° 46' 00" Hectares: 20.400

Reserve Last Updated: 2007/05/16

Reserve: 00039 - CLOYAH NO. 5

Band: Metlakatla - 673

Location:

Latitude: Longitude: Hectares: 0.000

Reserve Last Updated: 2000/12/14

Reserve: 07761 - DASHKEN 22Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, ON EAST SHORE OF SMITH ISLAND AT MOUTH OF THE

SKEENA RIVER

Latitude: 54° 09' 00" Longitude: 130° 09' 00" Hectares: 3.000

Reserve Last Updated: 2007/05/22

Reserve: 07769 - EDYE 93Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, RGE 5, LOT 3916, ALL OF A SMALL ISLAND IN EDYE PASSAGE,

SOUTH OF PRESCOTT ISLAND

Latitude: 54° 04' 00" Longitude: 130° 34' 00" Hectares: 0.400

Reserve Last Updated: 2007/05/22

Reserve: 07758 - KHTAHDA 10 Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

Location: COAST DISTRICT RANGE 5, ON LEFT BANK OF THE SKEENA RIVER AT MOUTH OF THE

KHTADA RIVER

Latitude: 54° 11' 00" Longitude: 129° 36' 00" Hectares: 1.400

Reserve Last Updated: 2007/05/22

Reserve: 07757 - KHYEX 8Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

Location: COAST DISTRICT RANGE 5, ON RIGHT BANK OF THE SKEENA RIVER AT MOUTH OF KHY

RIVER

Latitude: 54° 14' 00" Longitude: 129° 48' 00" Hectares: 15.400

Reserve Last Updated: 2007/05/22

Printed on: 2014/11/03 02:14 pm Page 1 of 4

Band-Reserve Report

Sorted By: Reserve

UNCLASSIFIED Printed on: 2014/11/03 02:14 pm

Province: BRITISH COLUMBIA Reserves(18) Bands(2)

Reserve: 00060 - KILCUTSEEN NO. 9

Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

Location:

Latitude:

Latitude: Hectares: 0.000 Longitude:

Reserve Last Updated: 2000/12/14

Reserve: 07762 - KSHAOOM 23 Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

COAST DISTRICT RANGE 5, AT NORTH END OF DE HORSEY ISLAND AT MOUTH OF TI Location:

SKEENA RIVER

54° 08' 00" Longitude: 130° 09' 00" Hectares: 2.600

Reserve Last Updated: 2007/05/22

Reserve: 07764 - LAKELSE 25 Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

COAST DISTRICT RANGE 5, ON RIGHT BANK OF THE LAKELSE RIVER 1 MILE Location:

NORTHWEST OF LAKELSE LAKE

Latitude: 54° 23' 00" Longitude: 128° 37' 00" Hectares: 1.700

Reserve Last Updated: 2007/05/22

Reserve: 07763 - MEANLAW 24 Bands(2

Band: Lax Kw'alaams - 674

Metlakatla - 673

COAST DISTRICT RANGE 5, ON RIGHT BANK OF THE SKEENA RIVER 2 MILES NORTH C Location:

VEITCH POINT

Latitude: 54° 11' 00" Longitude: 120° 02' 00" Hectares: 8.400

Reserve Last Updated: 2007/05/22

Reserve: 07766 - RUSHTON ISLAND 90 Bands(1)

Band: Metlakatla - 673

Location: COAST DIST RGE 5, LOT 3915, ENTIRE RUSHTON ISLAND & 1 SMALL ISLAND TO N., II

BROWN PASS. ENTRANGE TO CHATHAM SOUND

54° 16' 00" Longitude: 130° 49' 00" Latitude: Hectares: 6.800

Reserve Last Updated: 2007/05/23

Reserve: 07754 - S1/2 TSIMPSEAN 2 Bands(1

Band: Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, ON W COAST OF TSIMPSEAN PENINSULA AND NORTH EN

OF DIGBY ISLAND, ON E SHORE OF CHATHAM SOUND

54° 14' 00" Longitude: 130° 31' 00" Latitude: Hectares: 3,270.000

Reserve Last Updated: 2007/05/23

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Band-Reserve Report

Sorted By: Reserve

Printed on: 2014/11/03 02:14 pm UNCLASSIFIED

Province: BRITISH COLUMBIA Reserves(18) Bands(2)

Reserve: 07759 - SCUTTSAP 11 Bands(2)

Band: Lax Kw'alaams - 674

Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, ON LEFT BANK OF THE SKEENA RIVER, 1 MILE

SOUTHWEST OF KWINITSA C.N. STATION

Latitude: 54° 13' 00" Longitude: 129° 34' 00" Hectares: 1.500

Reserve Last Updated: 2007/05/23

Reserve: 07756 - SHOOWAHTLANS (SHAWTLANS) 4 Bands(1)

Band: Metlakatla - 673

Location: COAST DIS. RGE 5, WEST END OF SHAWATTAN LAKE, NORTH END OF MORSE BASIN,

MILES NORTHEAST OF PRINCE RUPERT

Latitude: 54° 20' 00" Longitude: 130° 15' 00" Hectares: 0.500

Reserve Last Updated: 2007/05/23

Reserve: 07767 - SQUADEREE 91 Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, LOT 3914, ON POINT ON SOUTHWEST COAST OF

STEPHENS ISLAND, N. ENTRANCE TO HECATE STRAIT

Latitude: 54° 08' 00" Longitude: 130° 47' 00" Hectares: 2.200

Reserve Last Updated: 2007/05/23

Reserve: 07765 - TUCK INLET 89

Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, LOT 3950, AT HEAD OF TUCK INLET, 10 MILES NORTH C

PRINCE RUPERT

Latitude: 54° 26' 00" Longitude: 130° 20' 00" Hectares: 1.600

Reserve Last Updated: 2007/05/23

Reserve: 07760 - TUGWELL ISLAND 21 Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, ENTIRE TUGWELL ISLAND, ENTRANCE TO VENN PASS, 8 MILES

WEST OF PRINCE RUPERT

Latitude: 54° 20' 00" Longitude: 130° 30' 00" Hectares: 126.200

Reserve Last Updated: 2007/05/23

Reserve: 07755 - WILNASKANCAUD 3 Bands(1)

Band: Metlakatla - 673

Location: COAST DISTRICT, RANGE 5, ON EAST SHORE OF KAIEN ISLAND, 2 MILES EAST OF

PRINCE RUPERT

Latitude: 54° 19' 00" Longitude: 130° 16' 00" Hectares: 2.300

Reserve Last Updated: 2007/05/28

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Band-Reserve Report

Sorted By: Reserve

Printed on: 2014/11/03 02:14 pm UNCLASSIFIED

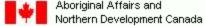
Total Bands: 2

Total Reserves: 18

Total Reserve Surface Area: 3,464.400 Hectares

--- END OF REPORT ---

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Reserve: 07769 - EDYE 93

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

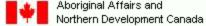
Selected Criteria:

Reserve: EDYE 93

Printed on: 2014/11/03 05:31 pm UNCLASSIFIED

_	Columbia/BRITISH COLUMBIA - Metlakatla				
MINUTES OF DECISIO	N				
Instrument Date:	1914/08/14	Term:			
Registration Number:	112954	Effective Date:			
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	1.000 Acres		
Land Affected:	SMALL ISLAND LYING SOUTH	OF PRESCOTT ISLAND & EA	AST OF ARTHUR ISLAND		
Grantor(s):	ROYAL COMMISSION				
Grantee(s):	673 Metlakatla				
Remarks:	ESTABLISHES RESERVE PAGE	= 608			
PROV OC					
Instrument Date:	1923/07/26	Term:			
Registration Number:	92925	Effective Date:			
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	1.000 Acres		
Land Affected: SMALL ISLAND EAST OF ARTHUR ISLAND AND DIRECTLY SOUTH OF PRESCOTT ISLAND					
Grantor(s):	: CROWN BRITISH COLUMBIA				
Remarks:	: OC #911 CONFIRMS RESERVE & ACCEPTS MINUTES OF DECISION REG #112954				

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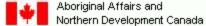


Reserve General Abstract Report

Selected Criteria:

Reserve: EDYE 93

Printed on: 2014/11/03 05:31 pm UNCLASSIFIED Reserve: 07769 - EDYE 93 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **OCPC** Instrument Date: 1924/07/19 Term: Registration Number: 12073 Effective Date: Registration Date: 1969/08/11 12:00:00AM Expiry Date: OCPC/MO Number: PC #1265 Purpose: Area: 1.000 Acres Land Affected: SMALL ISLAND EAST OF ARTHUR ISLAND AND DIRECTLY SOUTH OF PRESCOTT **ISLAND** Grantor(s): CROWN CANADA Remarks: PC #1265 CONFIRMS RESERVE **PROV OC** Instrument Date: 1938/07/29 Term: Registration Number: 8042 Effective Date: Registration Date: 1969/02/14 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Area: 1.300 Acres Land Affected: LOT 3916 RGE 5 COAST DISTRICT CLSR BC842 Grantor(s): CROWN BRITISH COLUMBIA Grantee(s): CROWN CANADA Remarks: OC #1036 TRANSFERS MANAGEMENT & CONTROL SEE REG #4111-118



Reserve: 07769 - EDYE 93

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INDIAN LANDS REGISTRY SYSTEM

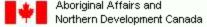
Reserve General Abstract Report

Selected Criteria:

Reserve: EDYE 93

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_	Columbia/BRITISH COLUMBIA - Metlakatla				
SURRENDER	Fiedakada				
Instrument Date:	1951/04/19	Term:			
Registration Number:	15641	Effective Date:			
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:	FOR DISPOSITION		
Land Affected:	WHOLE OF RESERVE				
Grantor(s):	673 - Metlakatla				
Grantee(s):	CROWN CANADA				
Remarks:	SEE ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TO RESERVE STATUS				
ОСРС					
Instrument Date:	1951/06/13	Term:			
Registration Number:	15641	Effective Date:			
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:	PC #2894	Purpose:			
Land Affected:	WHOLE OF RESERVE				
Grantor(s):	CROWN CANADA				
Remarks:	PC #2894 ACCEPTS CONDITI SINCE ENFRANCHISEMENT O IN COUNCIL PC #1962-868 R RESERVE STATUS	F THE WHOLE BAND WAS N	OT RECOMMENDED, ORDER		



Reserve: 07769 - EDYE 93

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: EDYE 93

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•	Columbia/BRITISH COLUMBIA					
	- Metlakatla					
OCPC						
Instrument Date:	1962/06/20	Term:				
Registration Number:	15645	Effective Date:				
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:				
OCPC/MO Number:	PC #1962-868	Purpose:				
Land Affected:	WHOLE OF RESERVE	I				
Grantor(s):	CROWN CANADA					
Grantee(s):	673 Metlakatla					
Remarks:	PC #1962-868 RE-ESTABLISHES RESERVE					
PROV OC						
Instrument Date:	1969/05/13	Term:				
Registration Number:	4111-118	Effective Date:				
Registration Date:	1971/02/26 12:00:00AM	Expiry Date:				
OCPC/MO Number:		Purpose:				
Land Affected:	WHOLE OF RESERVE					
Grantor(s):	CROWN BRITISH COLUMBIA					
Grantee(s):	CROWN CANADA					

--- END OF REPORT ---

Remarks: OC #1555 WAIVES REVERSIONARY INTEREST IN PROV OC REG #8042

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EVIDENCE OF TITLE SEARCH RESULTS

TOTAL NUMBER OF ROWS: 656

Search Criteria Registry: ILRS

Reserves: S1/2 TSIMPSEAN 2 - 07754 | WILNASKANCAUD 3 - 07755 | SHOOWAHTLANS (SHAWTLANS) 4 - 07756 | TUCK INLET 89 - 07765 | RUSHTON ISLAND 90 - 07766 | SQUADEREE 91 - 07767 | AVERY ISLAND 92 - 07768 | EDYE 93 - 07769 | TUGWELL

ISLAND 21 - 07760

Band/First Nation: Metlakatla

EOT NUMBER	EOT TYPE	PIN	LEGAL DESCRIPTION	PLAN	GRANTEE NAME	REGISTRATION NUMBER
	Band	902015491	LOT 3 BLOCK 10	CLSR BC1123	Metlakatla	6057247
	Band	902008767	LOT 3 BLOCK 2	CLSR BC1123	Metlakatla	6058722
	Band	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	Metlakatla	6056031
	Band	902015418	LOT 8 BLOCK 7	CLSR BC1123	Metlakatla	6061448
	Band	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	Metlakatla	6056030
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	ERMA LAURA HALDANE	26861
****	NETI	902015555	LOT 5 BLOCK 1	CLSR BC1123	REUBEN EDGAR RYAN	72355
****	NETI	902015404	LOT 1 BLOCK 18	CLSR BC1123	GEORGE DUNCAN L RYAN	65850
****	NETI	902015678	LOT 8 BLOCK 11	CLSR BC1123	JAMES LEONARD RYAN	65836
****	NETI	902015371	LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	ROGER POWELL	*****
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	MARY ELIZABETH HALDANE MORDAUNT	26861
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	GEORGE VICTOR HALDANE LEIGHTON	26861
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	PEARL HALDANE	26861
****	NETI	902015692	LOT 72	CLSR 70813	HOWARD LESLIE LEASK	65846
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	PEARL HALDANE	26861
****	NETI	902015426	LOT 2 BLOCK 8	CLSR BC1123	LEIGHTON , DORA ALICE	139337
****	NETI	902015414	LOT 3 BLOCK 7	CLSR BC1123	ANNIE LEASK	*****
****	NETI	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , TINA MELISSA	372921
****	NETI	902015388	LOT 1 BLOCK 7	CLSR BC1121	DOROTHY LILLIAN RYAN	63363 *****
****	NETI	902015413	LOT 1 BLOCK 7	CLSR BC1123	ESTATE OF PETER LEIGHTON	
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123 LTS 212	REUBEN PETER HALDANE	26861
100000000000000000000000000000000000000	NETI	<u>9</u> 0701232A	GARDEN LOT 2 LACH-OI SUBDIVISION NO. 3 TUGWELL IS PARCEL 1	L19 Z1Z	PREVOST , DAVID PELHAM	26861
****	NETI	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , DIANE LORRAINE	372921
****	NETI	902015680	LOT 2 BLOCK 14	CLSR BC1123	RONALD RYAN	65839
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	HALDANE , FRANCES	
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	MARY ELIZABETH HALDANE MORDAUNT	26861
****	NETI	902015427	LOT 3 BLOCK 8	CLSR BC1123	JOHN STEWART RYAN	64148
****	NETI	902015555	LOT 5 BLOCK 1	CLSR BC1123	RYAN , CAROL MILDRED	72355
****	NETI	902015384	LOT 1 BLOCK 9	CLSR BC1121	ROBERT DESMOND LEIGHTON	64127
****	NETI	902015433	LOT 3 BLOCK 3	CLSR BC1123	CAMPBELL , JOHN PETER	26861
****	NETI	902015678	LOT 8 BLOCK 11	CLSR BC1123	JAMES LEONARD RYAN	26861
****	NETI	902015439	LOT 5 BLOCK 9	CLSR BC1123	LEASK , VERNON EUGENE	67966

****	NETI	902015485	LOT 2 BLOCK 10	CLSR BC1123	ESTATE OF AMBROSE WILSON	*****
****	NETI	902015381	LOT 3 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	ESTATE OF ADA MCKAY	64123
****	NETI	902015681	LOT 3 BLOCK 14	CLSR BC1123	ARNOLD LEIGHTON	65840
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	GEORGE VICTOR HALDANE LEIGHTON	26861
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	HALDANE , RONALD RALPH	26861
****	NETI	902015359	GARDEN LOT 2 LACH-OI SUBDIVISION NO. 3 TUGWELL IS PARCEL 1	LTS 212	PREVOST , DAVID PELHAM	64153
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	ESTATE OF PETER HALDANE	*****
****	NETI	902015386	LOT 4 BLOCK 9	CLSR BC1121	LEASK , MELVIN IRWIN	67964
****	NETI	902012478	LOT 7 BLOCK 7	CLSR BC1123	ESTATE OF FRED WILSON AUCKLAND	27700
****	NETI	902015440	LOT 6 BLOCK 9	CLSR BC1123	ALFRED ROBINSON	64205
****	NETI	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , STEPHEN	370864
****	NETI	902015441	LOT 7 BLOCK 9	CLSR BC1123	NELSON , JAMES LLOYD	63761
****	NETI	902015376	LOT 2 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	JOHN W MORRISON	26861
****	NETI	902015363	CARR ISLAND BLOCK	CLSR BC1119	WILLIAM ARCHIBALD LEASK	63947
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	HALDANE , FRANCES	26861
****	NETI	902015400	LOT 73	CLSR 70813	WILLIAM F RUDLAND	65845
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	REUBEN PETER HALDANE	26861
****	NETI	902015376	LOT 2 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	JOHN W MORRISON	64117
****	NETI	902015404	LOT 1 BLOCK 18	CLSR BC1123	BERTHA MARY ROBINSON	65852
****	NETI	902015405	LOT 2 BLOCK 18	CLSR BC1123	GORDON SOLOMON ROBERTSON	65848
****	NETI	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , RONALD WAYNE	370864
****	NETI	902015388	LOT 2 BLOCK 10	CLSR BC1121	HALDANE , RONALD RALPH	26861
****	NETI	902015683	LOT 4 BLOCK 14	CLSR BC1123	CLYDE LEASK	65842
****	NETI	902015386	LOT 4 BLOCK 9	CLSR BC1121	LEASK , MELVIN IRWIN	67963
****	NETI	902015371	LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	KENNETH POWELL	*****
****	NETI	902015350	LOT 4 BLOCK 2 PARCEL B	LS 2942	DOROTHY LILLIAN RYAN	64121
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	DOROTHY LILLIAN RYAN	63362
****	NETI	902015510	LOT 1 BLOCK 1	CLSR BC1123	ERMA LAURA HALDANE	26861
101075	Certificate of Possession	900023747	LOT 1	CLSR 63495	LEIGHTON , DANNY VICTOR	205408
10444	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	GORDON ROBERTSON	64180
104476	Certificate of Possession	902004448	LOT 1 BLOCK 2	CLSR BC1123	LEIGHTON , WILLIAM MANSON	213856
10567	Certificate of Possession	902004309	LOT 7 BLOCK 14	CLSR BC1121	LEASK , ALVIN LLOYD	64134
10574	Certificate of Possession	902015374	LOT 1 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	LEASK , CLYDE ELMER	26861
10574	Certificate of Possession	902015374	LOT 1 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	LEASK , CLYDE ELMER	64116
10652	Certificate of Possession	902015391	LOT 2 BLOCK 11	CLSR BC1121	ROBINSON , MYRTLE GLADYS	26861
10652	Certificate of Possession	902015391	LOT 2 BLOCK 11	CLSR BC1121	ROBINSON , MYRTLE GLADYS	64130
108081	Certificate of Possession	902005611	LOT 2 BLOCK 7	CLSR BC1123	EPP , MICHAEL CAMERON	221513
11053	Certificate of Possession	902004310	LOT 6 BLOCK 14	CLSR BC1121	FREDERICK EVERETT AUCKLAND	26861

11054	Certificate of	902007223	LOT 3 BLOCK 14	CLSR BC1121	FRANK RONALD	26861
11055	Possession Certificate of	902015395	LOT 2 BLOCK 14	CLSR BC1121	ROBINSON ROBINSON ,	26861
11056	Possession Certificate of	902015394	LOT 1 BLOCK 14	CLSR BC1121	GEORGE PETER AMBROSE JOHN	26861
	Possession				WILSON RODERICK B WILSON WILSON THEODORE	
11057	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	WILLIAM FREDERICK RUDLAND	26861
11058	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	WILLIAM FREDERICK RUDLAND	26861
11059	Certificate of Possession	902015393	LOT 2 BLOCK 12	CLSR BC1121	WILLIAM FREDERICK RUDLAND	26861
11060	Certificate of Possession	902015390	LOT 1 BLOCK 11	CLSR BC1121	WILLIAM FREDERICK RUDLAND	26861
11061	Certificate of Possession	902015386	LOT 4 BLOCK 9	CLSR BC1121	FRANK RONALD ROBINSON FRANK RONALD ROBINSON	64128
11061	Certificate of Possession	902015386	LOT 4 BLOCK 9	CLSR BC1121	FRANK RONALD ROBINSON FRANK RONALD ROBINSON	26861
11062	Certificate of Possession	902015385	LOT 3 BLOCK 9	CLSR BC1121	ROBERT DESMOND LEIGHTON	26861
11063	Certificate of Possession	902005513	LOT 2 BLOCK 9	CLSR BC1121	LEIGHTON LEIGHTON , HORACE ALFRED SAMPARE	26861
11064	Certificate of Possession	902015384	LOT 1 BLOCK 9	CLSR BC1121	ROBERT DESMOND LEIGHTON	26861
11065	Certificate of Possession	902015383	LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	GEORGE EDWIN LEIGHTON	26861
11066	Certificate of Possession	902015380	LOT 2 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	RYAN , GEORGE EDWARD	26861
11067	Certificate of Possession	902015379	LOT 1 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	RYAN , GEORGE EDWARD	26861
11068	Certificate of Possession	902015378	LOT 4 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	LEASK , LESLIE HOWARD	26861
11069	Certificate of Possession	902015377	LOT 3 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	LEASK , ALVIN LLOYD	26861
11070	Certificate of Possession	902015371	LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	DOROTHY LILLIAN RYAN	64121
11070	Certificate of Possession	902015371	LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	DOROTHY LILLIAN RYAN	26861
11071	Certificate of Possession	902015364	LOT 1 BLOCK 5 PIKE ISLAND	CLSR BC1119	WILLIAM ROBERT CAMPBELL	26861
11072	Certificate of Possession	902015357	LOT 1 BLOCK 3	CLSR BC1119	SIMON JOSEPH O'REILLY	26861
11073	Certificate of Possession	902015356	LOT 5 BLOCK 2	CLSR BC1118	JOHN STEWART RYAN JOHN STEWART RYAN	64122
11073	Certificate of Possession	902015356	LOT 5 BLOCK 2	CLSR BC1118	JOHN STEWART RYAN JOHN STEWART RYAN	26861
11074	Certificate of Possession	902015348	LOT 3 BLOCK 2	CLSR BC1118	GEORGE DUNCAN LEGAUD RYAN	26861
11075	Certificate of Possession	902015346	LOT 2 BLOCK 2	CLSR BC1118	KENNETH ELWOOD POWELL	26861
11076	Certificate of Possession	902015345	LOT 1 BLOCK 2	CLSR BC1118	KENNETH ELWOOD POWELL	26861
11081	Certificate of Possession	902015363	CARR ISLAND BLOCK 4	CLSR BC1119	LEASK ALVIN LLOYD LEASK ALVIN LLOYD	26861
11081	Certificate of Possession	902015363	CARR ISLAND BLOCK 4	CLSR BC1119	LEASK ALVIN LLOYD LEASK ALVIN LLOYD	63948
112916	Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	TAYLOR GRANT RYAN TAYLOR GRANT RYAN	234991
113702	Certificate of Possession	902007223	LOT 3 BLOCK 14	CLSR BC1121	RYAN , STEPHEN DARRYL	236700
113715	Certificate of Possession	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , STEPHEN	236711
113716	Certificate of Possession	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , RONALD WAYNE	236711
114638	Certificate of Possession	902007450	LOT 4 BLOCK 20	CLSR BC1123	RYAN , STEPHEN	238164

114639	Certificate of	902007450	LOT 4 BLOCK 20	CLSR BC1123	RYAN , RONALD	238164
117587	Possession Certificate of	902008767	LOT 3 BLOCK 2	CLSR BC1123	WAYNE JAMES DONALD	244493
11898	Possession Certificate of	902004448	LOT 1 BLOCK 2	CLSR BC1123	NELSON LEIGHTON , HORACE	64625
11901	Possession Certificate of Possession	902015415	LOT 4 BLOCK 7	CLSR BC1123	ALFRED SAMPARE ROBERT LEIGHTON ROBERT D	26861
11901	Certificate of Possession	902015415	LOT 4 BLOCK 7	CLSR BC1123	LEIGHTON ROBERT LEIGHTON ROBERT D LEIGHTON	64140
11903	Certificate of Possession	902015492	LOT 4 BLOCK 10	CLSR BC1123	LEIGHTON GEORGE VICTOR LEIGHTON GEORGE VICTOR	65818
11903	Certificate of Possession	902015492	LOT 4 BLOCK 10	CLSR BC1123	LEIGHTON GEORGE VICTOR LEIGHTON GEORGE VICTOR	26861
12043	Certificate of Possession	902015439	LOT 5 BLOCK 9	CLSR BC1123	FRANK RONALD ROBINSON	26861
12044	Certificate of Possession	902015392	LOT 1 BLOCK 12	CLSR BC1121	FRANK RONALD ROBINSON	26861
12172	Certificate of Possession	902015438	LOT 4 BLOCK 9	CLSR BC1123	RYAN , STEPHEN HENRY	64202
12214	Certificate of Possession	902015360	GARDEN LOT 2 LACH-OI SUBDIVISION NO. 3 TUGWELL IS PARCEL 2	LTS 212	PREVOST , DAVID PELHAM	26861
12278	Certificate of Possession	902015438	LOT 4 BLOCK 9	CLSR BC1123	RYAN , STEPHEN	64203
12371	Certificate of Possession	902015433	LOT 3 BLOCK 3	CLSR BC1123	CAMPBELL , JOHN PETER	64177
123911	Certificate of Possession	902012475	LOT 1 BLOCK 10	CLSR BC1123	SMITH , CYNTHIA ROSE	258998
123912	Certificate of Possession	902012476	LOT 5 BLOCK 8	CLSR BC1123	NELSON , DORCAS	258999
123914	Certificate of Possession	902012478	LOT 7 BLOCK 7	CLSR BC1123	LEASK ALVIN LLOYD LEASK JOYCE VELMA	259001
12436	Certificate of Possession	902015678	LOT 8 BLOCK 11	CLSR BC1123	RYAN , CHARLES PETER	65837
124849	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	HALL , CALVIN EDWARD	260617
124851	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	HALL , CALVIN EDWARD	260620
124853	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	HALL , JERRY ALFRED	260620
124854	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	RUDLAND , JONATHON PHILLIP	260620
124855	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	RUDLAND , LAURA LAVERNE	260620
124856	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	NIKOLYCHUK , JOYCE CHARLENE	260620
124857	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	HALL , JERRY ALFRED	260617
124858	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	RUDLAND , JONATHON PHILLIP	260617
124859	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	RUDLAND , LAURA LAVERNE	260617
124860	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	NIKOLYCHUK , JOYCE CHARLENE	260617
13371	Certificate of Possession	902015523	LOT 3 BLOCK 1	CLSR BC1123	ROBINSON , FRANK GEORGE	65827
136299	Certificate of Possession	902015392	LOT 1 BLOCK 12	CLSR BC1121	RYAN , STEPHEN	287813
13750	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	ROBERTSON , HARVEY GORDON	64181
1407	Certificate of Possession	902015676	LOT 6 BLOCK 11	CLSR BC1123	CONSTANCE LEIGHTON	64126
1408	Certificate of Possession	902015384	LOT 1 BLOCK 9	CLSR BC1121	CONSTANCE LEIGHTON	64126
141615	Certificate of Possession	902015441	LOT 7 BLOCK 9	CLSR BC1123	RYAN , RAYMOND DENNIS	301571
141619	Certificate of Possession	902015427	LOT 3 BLOCK 8	CLSR BC1123	RYAN , RAYMOND DENNIS	301580

141842	Certificate of Possession	902012478	LOT 7 BLOCK 7	CLSR BC1123	LEASK , JOYCE VELMA	302372
14528	Certificate of	902015573	LOT 1 BLOCK 11	CLSR BC1123	WILSON , DOROTHY	1405
14581	Possession Certificate of	902015440	LOT 6 BLOCK 9	CLSR BC1123	LUCILLE CLYDE E LEASK	1478
14584	Possession Certificate of	902015356	LOT 5 BLOCK 2	CLSR BC1118	AMBROSE JOHN WILSON	1469
14585	Possession Certificate of	902015581	LOT 2 BLOCK 11	CLSR BC1123	AMBROSE JOHN WILSON	1469
14586	Possession Certificate of Possession	902015413	LOT 1 BLOCK 7	CLSR BC1123	AMBROSE J WILSON	1469
147733	Certificate of Possession	902015414	LOT 3 BLOCK 7	CLSR BC1123	AUCKLAND , PATRICIA DORIS	317859
147734	Certificate of Possession	902015430	LOT 7 BLOCK 8	CLSR BC1123	AUCKLAND , CHARLES AMBROSE	317878
14835	Certificate of Possession	902015499	LOT 7 BLOCK 10	CLSR BC1123	EDWIN VINCENT LEIGHTON	2688
14836	Certificate of Possession	902015442	LOT 8 BLOCK 9	CLSR BC1123	EDWARD VINCENT LEIGHTON	2689
14840	Certificate of Possession	902015383	LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWIN VINCENT LEIGHTON	2672
14842	Certificate of Possession	902015677	LOT 7 BLOCK 11	CLSR BC1123	EDWIN VINCENT LEIGHTON	2671
149232	Certificate of Possession	902011417	WHOLE OF RESERVE	CLSR BC845	KELLY BARBARA JOAN LEIGHTON CLARENCE MATTHEW NORDQUIST KATHERINE JOYCE	321921
14983	Certificate of Possession	902015436	LOT 2 BLOCK 9	CLSR BC1123	BOLTON , ALVIN WILLIAM	3816
15132	Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	GORDON ROBERTSON	6220
155209	Certificate of Possession	902518552	LOT 79	CLSR 70813	RYAN , YVONNE TERESA	338258
155210	Certificate of Possession	902015439	LOT 5 BLOCK 9	CLSR BC1123	LEASK , ELMER CLARENCE	338267
155211	Certificate of Possession	902015413	LOT 1 BLOCK 7	CLSR BC1123	LEASK , MELVIN IRWIN	338269
155213	Certificate of Possession	902015429	LOT 6 BLOCK 8	CLSR BC1123	WHITE ALFRED RENO WHITE MONA VIOLA	338271
155214	Certificate of Possession	902015436	LOT 2 BLOCK 9	CLSR BC1123	WILSON DOROTHY LUCILLE WILSON THEODORE	338272
155215	Certificate of Possession	902015491	LOT 3 BLOCK 10	CLSR BC1123	CORNISH , BERYL FLORIA	338273
155216	Certificate of Possession	902015573	LOT 1 BLOCK 11	CLSR BC1123	HALDANE , ANNA ROSALIND	338274
155222	Certificate of Possession	902015492	LOT 4 BLOCK 10	CLSR BC1123	MORVEN , SHARON LOIS	338279
155223	Certificate of Possession	902015418	LOT 8 BLOCK 7	CLSR BC1123	LEASK CRYSTAL IRIS LEASK VERNON EUGENE	338280
155584	Certificate of Possession	902518866	LOT 2	RSBC 168	SPENCER BENJAMIN SPENCER JEANETTE THERESA	339747
156196	Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	RYAN , TAYLOR GRANT	343004
156343	Certificate of Possession	902015400	LOT 73	CLSR 70813		343602
156344	Certificate of Possession	902015485	LOT 2 BLOCK 10	CLSR BC1123	YORKE JOHN ANTHONY MARYLIN	343606
157127	Certificate of	902015400	LOT 73	CLSR 70813	SUSAN YORKE LEASK , ALRITA	346368
159160	Possession Certificate of Possession	902015491	LOT 3 BLOCK 10	CLSR BC1123	JOYCELYN REECE , LAURIE MICHELE	352970
164383	Certificate of Possession	902015400	LOT 73	CLSR 70813	LEASK , ALRITA JOYCELYN	365146
165033	Certificate of Possession	902526918	LOT 75	CLSR 70813	LEASK , JOYCE VELMA	366346
16535	Certificate of Possession	902015433	LOT 3 BLOCK 3	CLSR BC1123	RYAN , LLOYD TODD	15118

166214	Certificate of	902526918	LOT 75	CLSR 70813	LEASK , ALRITA	369298
1710	Possession Location Ticket	902015413	LOT 1 BLOCK 7	CLSR BC1123	JOYCELYN MRS MARY WE-HA	27755
1711	Location Ticket	902005611	LOT 2 BLOCK 7	CLSR BC1123	(WEAH) AMELIA SEBASSA	27755
1712	Location Ticket		LOT 3 BLOCK 7	CLSR BC1123	LYDIA LEGAIC	27755
1713	Location Ticket		LOT 4 BLOCK 7	CLSR BC1123	KENNETH BENSON	27755
1714	Location Ticket		LOT 4 BLOCK 7	CLSR BC1123	JOHN CAMPBELL	27755
1715	Location Ticket		LOT 7 BLOCK 7	CLSR BC1123	FREDERICK PARKER	27755
1716	Location Ticket		LOT 5 BLOCK 7	CLSR BC1123	CHARLES VENN	27755
1717	Location Ticket		LOT 8 BLOCK 7	CLSR BC1123	JOSEPH O'REILLY	27755
1717	Location Ticket		LOT 1 BLOCK 4	CLSR BC1123	LEWIS POWELL	27755
1719	Location Ticket		LOT 2 BLOCK 4	CLSR BC1123	JOB NELSON	27755
1719	Location Ticket		LOT 1 BLOCK 8	CLSR BC1123	JAMES PREVOST	27755
1721	Location Ticket		LOT 2 BLOCK 8	CLSR BC1123	ROGER PEARSON	27755
1721	Location Ticket		LOT 3 BLOCK 8	CLSR BC1123	HANNAH HOPE	27755
	Location Ticket					
1723			LOT 4 BLOCK 8	CLSR BC1123	SOLOMON AURIOL	27755 27755
1724	Location Ticket		LOT 5 BLOCK 8	CLSR BC1123	DENNIS MALONE	
1725	Location Ticket		LOT 7 BLOCK 8	CLSR BC1123	GEO HERBERT CLIFTON	27755
1726	Location Ticket		LOT 1 BLOCK 3	CLSR BC1123	ALICE SPENCE	27755
1727	Certificate of Possession	902015365	LOT 2 BLOCK 5 PIKE ISLAND	CLSR BC1119	ALFRED AUKLAND	*****
1727	Location Ticket		LOT 2 BLOCK 3	CLSR BC1123	CHARLES WASHBURN	27755
1728	Location Ticket		LOT 4 BLOCK 3	CLSR BC1123	SOLOMON JOHNSON	
1729	Location Ticket		LOT 3 BLOCK 3	CLSR BC1123	CHARLES POWELL	27755
1730	Location Ticket		LOT 1 BLOCK 9	CLSR BC1123	MATHEW AUCKLAND	27755
1731	Location Ticket	902015436	LOT 2 BLOCK 9	CLSR BC1123	SAMUEL PELHAM	27755
1732	Location Ticket	902015437	LOT 3 BLOCK 9	CLSR BC1123	MARGARET BRUCE	27755
17321	Band	902004309	LOT 7 BLOCK 14	CLSR BC1121	Metlakatla	210611
17322	Band	902004310	LOT 6 BLOCK 14	CLSR BC1121	Metlakatla	210610
1733	Location Ticket	902015438	LOT 4 BLOCK 9	CLSR BC1123	JOSHUA LEIGHTON	27755
1734	Location Ticket	902004448	LOT 1 BLOCK 2	CLSR BC1123	PETER VENN	27755
1735	Location Ticket	902008767	LOT 3 BLOCK 2	CLSR BC1123	JOHN JENKINS	27755
1736	Location Ticket	902015475	LOT 4 BLOCK 2	CLSR BC1123	EDMUND VERNEY	27755
1737	Location Ticket	902012475	LOT 1 BLOCK 10	CLSR BC1123	ELIZABETH HILLS	27755
1738	Location Ticket	902015485	LOT 2 BLOCK 10	CLSR BC1123	DANIEL LEUTQUIZANTI	27755
1739	Location Ticket	902015491	LOT 3 BLOCK 10	CLSR BC1123	JAMES LEWIS	27755
1740	Location Ticket	902015492	LOT 4 BLOCK 10	CLSR BC1123	ALBERT LEIGHTON	27755
1741	Location Ticket	902015496	LOT 6 BLOCK 10	CLSR BC1123	HENRY WRIGHT	27755
1742	Location Ticket	902015510	LOT 1 BLOCK 1	CLSR BC1123	PETER HALDANE	27755
1743	Location Ticket	902015573	LOT 1 BLOCK 11	CLSR BC1123	RYAN, STEPHEN	27755
1744	Location Ticket	902015581	LOT 2 BLOCK 11	CLSR BC1123	CHARLES PETER RYAN	27755
1745	Location Ticket	902015406	LOT 1 BLOCK 16	CLSR BC1123	HENRY CARLTON	27755
1746	Location Ticket	902015692	LOT 72	CLSR 70813	JOHN RICHMOND	27755
1747	Location Ticket	902015693	LOT 71	CLSR 70813	MARY RUDLAND	27755
1748	Location Ticket	902015694	LOT 122	CLSR 70813	JAMES RUDLAND	27755
1749	Location Ticket	902015405	LOT 2 BLOCK 18	CLSR BC1123	CHARLES RYAN	27755
1750	Location Ticket	902015440	LOT 6 BLOCK 9	CLSR BC1123	PETER ROBINSON	27755
1751	Location Ticket	902015439	LOT 5 BLOCK 9	CLSR BC1123	WILLIAM LEIGHTON	27755
1752	Location Ticket	902015429	LOT 6 BLOCK 8	CLSR BC1123	HENRY PREVOST	27755
1753	Location Ticket	902015442	LOT 8 BLOCK 9	CLSR BC1123	REUBEN LEIGHTON	27755
17764	Certificate of Possession	902015433	LOT 3 BLOCK 3	CLSR BC1123	ROBERTSON , HARVEY GORDON	21609
17765	Certificate of Possession	902015504	LOT 8 BLOCK 10	CLSR BC1123	LEIGHTON , CLARENCE HAROLD	21611
17787	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	RYAN , LLOYD TODD	21678
17912	Certificate of Possession	902015433	LOT 3 BLOCK 3	CLSR BC1123	ROBERTSON , HARVEY GORDON	21924
18185	Certificate of Possession	902015422	LOT 2 BLOCK 4	CLSR BC1123	LEIGHTON , GEORGE VICTOR	23598

18337	Certificate of	902015434	LOT 4 BLOCK 3	CLSR BC1123	RYAN , LLOYD TODD	24184
18423	Possession Certificate of	902015555	LOT 5 BLOCK 1	CLSR BC1123	NELSON , DORCAS	23939
19317	Possession Certificate of	902015675	LOT 5 BLOCK 11	CLSR BC1123	AUCKLAND,	26979
19336	Possession Certificate of	902015427	LOT 3 BLOCK 8	CLSR BC1123	PATRICIA DORIS AUCKLAND ,	27013
19348	Possession Certificate of Possession	902015417	LOT 5 BLOCK 7	CLSR BC1123	PATRICIA DORIS AUCKLAND , PATRICIA DORIS	27014
19349	Certificate of Possession	902004310	LOT 6 BLOCK 14	CLSR BC1121	AUCKLAND , PATRICIA DORIS	27012
19614	Certificate of Possession	902015415	LOT 4 BLOCK 7	CLSR BC1123	ALEXANDER GORDON LEIGHTON	27614
19939	Certificate of Possession	902015686	LOT 1 BLOCK 13	CLSR BC1123	NELSON , JAMES LLOYD	29128
2019	Notice of Entitlement	902015692	LOT 72	CLSR 70813	HOWARD LESLIE LEASK	26861
2020	Notice of Entitlement	902015694	LOT 122	CLSR 70813	WILLIAM F RUDLAND	26861
20260	Certificate of Possession	902012478	LOT 7 BLOCK 7	CLSR BC1123	AUCKLAND , PATRICIA DORIS	29965
20268	Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	THELMA RYAN	30048
20269	Certificate of Possession	902015427	LOT 3 BLOCK 8	CLSR BC1123	AUCKLAND , CHARLES AMBROSE	30047
20281	Certificate of Possession	902004310	LOT 6 BLOCK 14	CLSR BC1121	AUCKLAND , CHARLES AMBROSE	30046
2030	Notice of Entitlement	902015693	LOT 71	CLSR 70813	WILLIAM F RUDLAND	
20547	Certificate of Possession	902015683	LOT 4 BLOCK 14	CLSR BC1123	CLYDE ELMORE LEASK JR	31152
2070	Notice of Entitlement	902015404	LOT 1 BLOCK 18	CLSR BC1123	ROBINSON , MYRTLE GLADYS	
2070	Notice of Entitlement	902015404	LOT 1 BLOCK 18	CLSR BC1123	ROBINSON , FRANK GEORGE	65851
2070	Notice of Entitlement	902015404	LOT 1 BLOCK 18	CLSR BC1123	ROBINSON , FRANK GEORGE	26861
2070	Notice of Entitlement	902015404	LOT 1 BLOCK 18	CLSR BC1123	ROBINSON, MYRTLE GLADYS	
2076	Notice of Entitlement	902015405	LOT 2 BLOCK 18	CLSR BC1123	JAMES ROBERTSON JAMES ROBERTSON	26861
2076	Notice of Entitlement	902015405	LOT 2 BLOCK 18	CLSR BC1123	JAMES ROBERTSON JAMES ROBERTSON	65849
2111	Notice of Entitlement	902011417	WHOLE OF RESERVE	CLSR BC845	HAROLD MATTHEW LEIGHTON	26861
2115	Notice of Entitlement	902015350	LOT 4 BLOCK 2 PARCEL B	LS 2942	DOROTHY LILLIAN RYAN	26861
2116	Notice of Entitlement	902015349	LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN , STEPHEN HENRY	26861
21231	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	LAWRENCE REUBEN RUDLAND	35393
21232	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	LAWRENCE REUBEN RUDLAND	35394
21233	Certificate of Possession	902015390	LOT 1 BLOCK 11	CLSR BC1121	RUDLAND , CLIFFORD JOHN	35395
21234	Certificate of Possession	902015393	LOT 2 BLOCK 12	CLSR BC1121	RUDLAND , CLIFFORD JOHN	35396
21235	Certificate of Possession	902015400	LOT 73	CLSR 70813	RUDLAND , CLIFFORD JOHN	35397
21542	Certificate of Possession	902015435	LOT 1 BLOCK 9	CLSR BC1123	NELSON , TONY HEWITT	36871
21787	Certificate of Possession	902008767	LOT 3 BLOCK 2	CLSR BC1123	NELSON , JAMES LLOYD	37561
21978	Certificate of Possession	902015444	LOT 2 BLOCK 2	CLSR BC1123	CARLICK , CHARLIE BILL	38708
2211	Certificate of Possession	902015345	LOT 1 BLOCK 2	CLSR BC1118	KENNETH ELWOOD POWELL	*****
22370	Certificate of Possession	902015384	LOT 1 BLOCK 9	CLSR BC1121	LEIGHTON , ALEX GORDON	41368
22371	Certificate of Possession	902015385	LOT 3 BLOCK 9	CLSR BC1121	LEIGHTON , ALEX GORDON	41367
22401	Certificate of Possession	902015364	LOT 1 BLOCK 5 PIKE ISLAND	CLSR BC1119	LEASK , ALVIN WILSON	41841

22535	Certificate of	902015686	LOT 1 BLOCK 13	CLSR BC1123	NELSON , DORCAS	42963
2270	Possession Notice of Entitlement	902015424	LOT 8 BLOCK 8	CLSR BC1123	FRANK RONALD ROBINSON	26861
2468	Certificate of Possession	902015436	LOT 2 BLOCK 9	CLSR BC1123	ROBERT H L NELSON	64197
2478	Certificate of Possession	902015378	LOT 4 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	HOWARD LEASK	64119
2479	Certificate of Possession	902015377	LOT 3 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	ALVIN LEASK	64118
26752	Certificate of Possession	902012679	LOT 1 BLOCK 13	CLSR BC1121	VERA LUCY RUDLAND	44585
26757	Certificate of Possession	902012678	LOT 2 BLOCK 13	CLSR BC1121	VERA LUCY RUDLAND	44590
27348	Certificate of Possession	902015492	LOT 4 BLOCK 10	CLSR BC1123	LEASK , ALVIN LLOYD	46289
27450	Certificate of Possession	902015428	LOT 4 BLOCK 8	CLSR BC1123	RYAN , THELMA LORINA	47067
27522	Certificate of Possession	902015475	LOT 4 BLOCK 2	CLSR BC1123	LEIGHTON , FREDELIA ALICE	47405
27528	Certificate of Possession	902011417	WHOLE OF RESERVE	CLSR BC845	LEIGHTON , FREDELIA ALICE	47412
27669	Certificate of Possession	902015424	LOT 8 BLOCK 8	CLSR BC1123	RYAN , THELMA LORINA	48002
27670	Certificate of Possession	902015424	LOT 5 BLOCK 8	CLSR BC1123	ROBINSON , GEORGE PETER	48002
27671 27672	Certificate of Possession	902015439	LOT 5 BLOCK 9	CLSR BC1123	ROBINSON , GEORGE PETER	48004
27672	Certificate of Possession	902013439	LOT 4 BLOCK 20	CLSR BC1123	RYAN , THELMA LORINA	48007
27673	Certificate of Possession Certificate of	902007450	LOT 4 BLOCK 20	CLSR BC1123	ROBINSON , GEORGE PETER RYAN , THELMA	48007
27675	Possession Certificate of	902007430	LOT 1 BLOCK 12	CLSR BC1121	LORINA ROBINSON,	48007
27676	Possession Certificate of	902015392	LOT 1 BLOCK 12	CLSR BC1121	GEORGE PETER RYAN , THELMA	48009
27677	Possession Certificate of	902015392	LOT 4 BLOCK 9	CLSR BC1121	LORINA ROBINSON ,	48008
27678	Possession Certificate of	902015386	LOT 4 BLOCK 9	CLSR BC1121	GEORGE PETER RYAN , THELMA	48008
27679	Possession Certificate of	902007223	LOT 3 BLOCK 14	CLSR BC1121	LORINA ROBINSON ,	48014
27680	Possession Certificate of	902007223	LOT 3 BLOCK 14	CLSR BC1121	GEORGE PETER RYAN , THELMA	48014
28365	Possession Certificate of	902015555	LOT 5 BLOCK 1	CLSR BC1123	LORINA DOROTHY LILLIAN	52723
28423	Possession Certificate of	902015435	LOT 1 BLOCK 9	CLSR BC1123	RYAN NELSON , ROBERT	53246
28631	Possession Certificate of	902005611	LOT 2 BLOCK 7	CLSR BC1123	DUNCAN RYAN , BEATRICE	54510
28633	Possession Certificate of	902015693	LOT 71	CLSR 70813	ADELAIDE VERA LUCY	54512
28634	Possession Certificate of	902015694	LOT 122	CLSR 70813	RUDLAND VERA LUCY	54512
28852	Possession Certificate of	902015415	LOT 4 BLOCK 7	CLSR BC1123	RUDLAND BOLTON , ALVIN	56105
28853	Possession Certificate of	902015646	LOT 3 BLOCK 11	CLSR BC1123	WILLIAM LEASK , ELMER	56106
28856	Possession Certificate of	902015378	LOT 4 BLOCK 6	CLSR BC1120	CLARENCE LEASK , ELMER	56110
28858	Possession Certificate of	902015406	GRIBBELL ISLAND LOT 1 BLOCK 16	CLSR BC1123	CLARENCE LEASK , MELVIN	56145
28923	Possession Certificate of	902015523	LOT 3 BLOCK 1	CLSR BC1123	IRVINE LEIGHTON , VICTOR	56475
29237	Possession Certificate of	902015444	LOT 2 BLOCK 2	CLSR BC1123	NEIL ROBINSON , MYRTLE	58086
29425	Possession Certificate of	902015440	LOT 6 BLOCK 9	CLSR BC1123	GLADYS LEASK , CLYDE	58967
29926	Possession Certificate of	902015416	LOT 6 BLOCK 7	CLSR BC1123	ELMORE HALDANE , RONALD RALPH	61976
30085	Possession Certificate of	902015442	LOT 8 BLOCK 9	CLSR BC1123	LEIGHTON , ALEX	63007
30088	Possession Certificate of Possession	902015677	LOT 7 BLOCK 11	CLSR BC1123	GORDON LEIGHTON , ALEX GORDON	63027

30089	Certificate of Possession	902015499	LOT 7 BLOCK 10	CLSR BC1123	LEIGHTON , ALEX GORDON	63028
30278	Certificate of	902015419	LOT 1 BLOCK 4	CLSR BC1123	LEIGHTON , HAROLD CLARENCE	63826
30317	Possession Certificate of	902015437	LOT 3 BLOCK 9	CLSR BC1123	SHIRLEY LAVERNE LEASK	64017
30615	Possession Certificate of Possession	902015440	LOT 6 BLOCK 9	CLSR BC1123	LEASK LEASK , CLYDE ELMER	65791
30817	Certificate of Possession	902015403	LOT 3	RSBC 168	REECE , THOMAS DANES	67499
30966	Certificate of Possession	902015692	LOT 72	CLSR 70813	LEASK , LESLIE HOWARD	67826
30996	Certificate of Possession	902015386	LOT 4 BLOCK 9	CLSR BC1121	AMBROSE JOHN WILSON	67965
30997	Certificate of Possession	902015439	LOT 5 BLOCK 9	CLSR BC1123	LEASK , VERNON EUGENE	67967
30999	Certificate of Possession	902015413	LOT 1 BLOCK 7	CLSR BC1123	LEASK , MELVIN IRWIN	67971
31245	Certificate of Possession	902015399	LOT 1	RSBC 168	RYAN , RONALD WAYNE	68745
32181	Certificate of Possession	902015405	LOT 2 BLOCK 18	CLSR BC1123	BEATRICE ADELAIDE RYAN GEORGE DUNCAN LAGAUD RYAN	72235
32262	Certificate of Possession	902015555	LOT 5 BLOCK 1	CLSR BC1123	RYAN CAROL MILDRED REUBEN EDGAR RYAN	72356
32765	Certificate of Possession	902015425	LOT 1 BLOCK 8	CLSR BC1123	LEASK , VERNON EUGENE	73787
3377	Notice of Entitlement	902015405	LOT 2 BLOCK 18	CLSR BC1123	GORDON ROBERTSON	6220
3397	Certificate of Possession	902015499	LOT 7 BLOCK 10	CLSR BC1123	EDWIN GEORGE LEIGHTON	*****
3564	Certificate of Possession	902015496	LOT 6 BLOCK 10	CLSR BC1123	DAVID EDWIN RYAN	
3564	Location Ticket		LOT 1	CLSR 63495	PETER LEIGHTON	63930
3630	Location Ticket		LOT 3 BLOCK 2	CLSR BC1123	WILLIAM M LEIGHTON	64627
3632	Location Ticket	902015442	LOT 8 BLOCK 9	CLSR BC1123	GEORGE LEIGHTON	64210
3634	Location Ticket		LOT 5 BLOCK 10	CLSR BC1123	ALBERT LEIGHTON	65819
3635	Location Ticket	902015519	LOT 2 BLOCK 1	CLSR BC1123	THOMAS MASON	65824
3636	Location Ticket	902015523	LOT 3 BLOCK 1	CLSR BC1123	WILLIAM ROBINSON	65824
3637	Location Ticket	902007450	LOT 4 BLOCK 20	CLSR BC1123	LUCY ROBINSON	65824
3638	Location Ticket	902015555	LOT 5 BLOCK 1	CLSR BC1123	LAURA CARLTON	*****
3639	Location Ticket	902015504	LOT 8 BLOCK 10	CLSR BC1123	PETER LEIGHTON	65824
3640	Location Ticket	902015499	LOT 7 BLOCK 10	CLSR BC1123	EDWARD LEIGHTON	65824
3646	Location Ticket	902015444	LOT 2 BLOCK 2	CLSR BC1123	WILLIAM LEIGHTON	64626
3647	Location Ticket	902015475	LOT 4 BLOCK 2	CLSR BC1123	REUBEN LEIGHTON	*****
3652	Location Ticket	902015422	LOT 2 BLOCK 4	CLSR BC1123	ADA MCKAY	64144
36583	Certificate of Possession	902015383	LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	LEIGHTON , ALEX GORDON	87521
3664	Certificate of Possession	902015437	LOT 3 BLOCK 9	CLSR BC1123	LEASK , CLYDE ELMER	64200
3666	Location Ticket	902015345	LOT 1 BLOCK 2	CLSR BC1118	LOUIS POWELL	*****
3667	Location Ticket	902015346	LOT 2 BLOCK 2	CLSR BC1118	CHARLES POWELL	*****
3668	Location Ticket	902015348	LOT 3 BLOCK 2	CLSR BC1118	CHARLES RYAN	*****
3669	Location Ticket	902007224	LOT 4 BLOCK 2	CLSR BC1118	RYAN, STEPHEN	*****
3670	Location Ticket	902015356	LOT 5 BLOCK 2	CLSR BC1118	RYAN , CHARLES PETER	*****
3671	Location Ticket	902015357	LOT 1 BLOCK 3	CLSR BC1119	FRED O'REILLY	*****
3672	Location Ticket	902015358	GARDEN LOT 2 LACH-OI SUBDIVISION 3 TUGWELL ISLAND	CLSR BC302	HENRY PREVOST	63946
3673	Location Ticket	902015364	LOT 1 BLOCK 5 PIKE ISLAND	CLSR BC1119	FREDERICK PARKER LYDIA PARKER	*****
3674	Location Ticket		LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	MRS LAURA RHODA PEARSON	*****
3675	Location Ticket		LOT 4 BLOCK 5 PIKE ISLAND	CLSR BC1119	MATTHEW AUCKLAND	*****
3676	Location Ticket	902015374	LOT 1 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	WILLIAM LEASK	*****

3677	Location Ticket	902015378	LOT 4 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	ANNIE LEASK ANNIE LEASK	*****
3677	Location Ticket	902015377	LOT 3 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	ANNIE LEASK ANNIE LEASK ANNIE LEASK	*****
3678	Location Ticket	902015379	LOT 1 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	PETER VENN PETER VENN	*****
3678	Location Ticket	902015380	LOT 2 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	PETER VENN PETER VENN	*****
3679	Location Ticket	902015382	LOT 4 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	MRS JOSHUA LEIGHTON	*****
3680	Location Ticket	902015383	LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	GEORGE S LEIGHTON	*****
3681	Location Ticket	902015384	LOT 1 BLOCK 9	CLSR BC1121	REUBEN LEIGHTON	****
3682	Location Ticket	902005513	LOT 2 BLOCK 9	CLSR BC1121	WILLIAM M LEIGHTON	*****
3683	Location Ticket	902015385	LOT 3 BLOCK 9	CLSR BC1121	ALBERT LEIGHTON SR	*****
3684	Location Ticket	902015386	LOT 4 BLOCK 9	CLSR BC1121	ALBERT LEIGHTON JR	*****
3685	Location Ticket	902015387	LOT 1 BLOCK 10	CLSR BC1121	CHARLES VENN	****
3686	Location Ticket	902015388	LOT 2 BLOCK 10	CLSR BC1121	PETER HALDANE	****
3687	Location Ticket	902015390	LOT 1 BLOCK 11	CLSR BC1121	JAMES LEWIS	****
3688	Location Ticket	902015391	LOT 2 BLOCK 11	CLSR BC1121	LUCY ROBINSON	****
3689	Location Ticket		LOT 1 BLOCK 12	CLSR BC1121	JOHN LEIGHTON	*****
3690	Location Ticket		LOT 2 BLOCK 12	CLSR BC1121	HENRY RUDLAND	****
3691	Location Ticket		LOT 2 BLOCK 13	CLSR BC1121	SARAH RUDLAND	****
3692	Location Ticket		LOT 1 BLOCK 14	CLSR BC1121	AMBROSE WILSON	****
3693	Location Ticket		LOT 3 BLOCK 14	CLSR BC1121	MRS PETER (MARY) ROBINSON MRS PETER (MARY)	*****
3693	Location Ticket	902015395	LOT 2 BLOCK 14	CLSR BC1121	ROBINSON MRS PETER (MARY) ROBINSON MRS PETER (MARY) ROBINSON	*****
3694	Location Ticket	902015396	LOT 4 BLOCK 14	CLSR BC1121	ROBINSON ALFRED AUCKLAND	*****
3695	Location Ticket		LOT 5 BLOCK 14	CLSR BC1121	WILLIAM LOUTH	*****
3696	Location Ticket		LOT 7 BLOCK 14	CLSR BC1121	WILLIAM LEASK	*****
3697	Location Ticket		LOT 6 BLOCK 14	CLSR BC1121	CHARLES W	*****
3698	Location Ticket		LOT 2 BLOCK 5 PIKE	CLSR BC1119	AUCKLAND ANNIE MALONE	*****
			ISLAND			
3708	Location Ticket		LOT 3 BLOCK 8	CLSR BC1123	CHARLES P RYAN	*****
3709	Location Ticket	902015425	LOT 1 BLOCK 8	CLSR BC1123	HENRY PREVOST	64145
3710	Location Ticket	902015434	LOT 4 BLOCK 3	CLSR BC1123	LOUIS POWELL	64178
3711	Location Ticket	902015429	LOT 6 BLOCK 8	CLSR BC1123	HENRY PREVOST	64150
3712	Location Ticket	902012475	LOT 1 BLOCK 10	CLSR BC1123	MRS PETER ROBINSON	65816
3713	Location Ticket	902015436	LOT 2 BLOCK 9	CLSR BC1123	CHARLES AUCKLAND	64196
3714	Location Ticket		LOT 6 BLOCK 10	CLSR BC1123	MRS SARAH RUDLAND	65823
3715	Location Ticket	902015431	LOT 1 BLOCK 3	CLSR BC1123	WILLIAM LOUTH	64170
3716	Location Ticket	902015415	LOT 4 BLOCK 7	CLSR BC1123	REUBEN LEIGHTON	*****
3717	Location Ticket	902015432	LOT 2 BLOCK 3	CLSR BC1123	JOB NELSON	64173
3913	Location Ticket	902015405	LOT 2 BLOCK 18	CLSR BC1123	RYAN STEPHEN RYAN STEPHEN	*****
3913	Location Ticket	902015348	LOT 3 BLOCK 2	CLSR BC1118	RYAN STEPHEN RYAN STEPHEN	*****
403014293	Certificate of Possession	902015399	LOT 1	RSBC 168	RYAN , MOLLY GRACE	6057347
403014880	Certificate of Possession	902015519	LOT 2 BLOCK 1	CLSR BC1123	PAHL WENDY MAE PAHL WILLIAM CHARLES	6059489
403022952	Certificate of Possession	902015384	LOT 1 BLOCK 9	CLSR BC1121	FORSSELL , CODY RICHARD	6077911
40606	Certificate of Possession	902015363	CARR ISLAND BLOCK 4	CLSR BC1119	LEASK , ALVIN WILSON	102216
40607	Certificate of Possession	902004309	LOT 7 BLOCK 14	CLSR BC1121	LEASK , DAVID CLIFFORD	102217

40608	Certificate of	902015377	LOT 3 BLOCK 6	CLSR BC1120	LEASK , ALRITA	102218
41898	Possession Certificate of	902015384	GRIBBELL ISLAND LOT 1 BLOCK 9	CLSR BC1121	JOYCELYN CONSTANCE	105658
4528	Possession Certificate of	902015573	LOT 1 BLOCK 11	CLSR BC1123	MARIAN AXWORTHY DOROTHY LILLIAN	64121
45416	Possession Certificate of	902005611	LOT 2 BLOCK 7	CLSR BC1123	RYAN EPP , MYRNA EMILY	115162
45515	Possession	902015430	LOT 7 BLOCK 8	CLSR BC1123		115343
	Certificate of Possession				RYAN , RAYMOND DENNIS	
45699	Certificate of Possession	902015414	LOT 3 BLOCK 7	CLSR BC1123	RYAN , RAYMOND DENNIS	115782
4761	Certificate of Possession	902015427	LOT 3 BLOCK 8	CLSR BC1123	CHARLES P RYAN	64147
47660	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	ARLENE NORA RYAN	120637
4884	Certificate of Possession	902015378	LOT 4 BLOCK 6 GRIBBELL ISLAND	CLSR BC1120	LEASK , LESLIE HOWARD	64120
4885	Certificate of Possession	902015646	LOT 3 BLOCK 11	CLSR BC1123	LEASK , LESLIE HOWARD	65833
4897	Certificate of Possession	902015676	LOT 6 BLOCK 11	CLSR BC1123	ROBERT DESMOND LEIGHTON	64127
51816	Certificate of	902015430	LOT 7 BLOCK 8	CLSR BC1123	RYAN , RAYMOND	131972
5388	Possession Location Ticket	902015365	LOT 2 BLOCK 5 PIKE	CLSR BC1119	DENNIS MRS MAGGIE	63940
54302	Band	902015686	ISLAND LOT 1 BLOCK 13	CLSR BC1123	AUCKLAND Metlakatla	29127
54314	Band	902015405	LOT 2 BLOCK 18	CLSR BC1123	Metlakatla	69173
54327	Band	902015686	LOT 1 BLOCK 13	CLSR BC1123	Metlakatla	68496
54472	Band	902015387	LOT 1 BLOCK 10	CLSR BC1121	Metlakatla	*****
54517	Band	902015485	LOT 2 BLOCK 10	CLSR BC1123	Metlakatla	68182
54615	Band	902015429	LOT 6 BLOCK 8	CLSR BC1123	Metlakatla	68184
54844	Band	902015431	LOT 1 BLOCK 3	CLSR BC1123	Metlakatla	64171
54850	Band	902015431	LOT 4 BLOCK 8	CLSR BC1123	Metlakatla	68501
54990	Band	902015427	LOT 4 BLOCK 8	CLSR BC1123	Metlakatla	100566
55009	Band	902015427	LOT 1 BLOCK 8	CLSR BC1123	Metlakatla	100500
55095	Band	902015423	LOT 4 BLOCK 14	CLSR BC1123	Metlakatla	63827
55140	Band	902015085	LOT 4 BLOCK 14	CLSR BC1123	Metlakatla	41381
55315	Band		LOT 6 BLOCK 7	CLSR BC1123	Metlakatla	86389
55501	Band	902015413 902015499	LOT 7 BLOCK 7		Metlakatla	69251
			LOT 2 BLOCK 10	CLSR BC1123		
55543	Band	902015346		CLSR BC1118	Metlakatla	63622
55620	Band	902015495	LOT 3 BLOCK 10	CLSR BC1123	Metlakatla	69249
55625	Band	902015523	LOT 3 BLOCK 1	CLSR BC1123	Metlakatla	113291
55757	Band	902015694	LOT 122	CLSR 70813	Metlakatla	67651
55854	Band	902015432	LOT 2 BLOCK 3	CLSR BC1123	Metlakatla	69248
56103	Band	902015681	LOT 3 BLOCK 14	CLSR BC1123	Metlakatla	65841
56408	Certificate of Possession	902015426	LOT 2 BLOCK 8	CLSR BC1123	ETZERZA , LLOYD PATRICK	139338
56433	Band	902015433	LOT 3 BLOCK 3	CLSR BC1123	Metlakatla	76060
56524	Band	902015385	LOT 3 BLOCK 9	CLSR BC1121	Metlakatla	100926
56607	Band	902015396	LOT 4 BLOCK 14	CLSR BC1121	Metlakatla	64132
56710	Band	902015693	LOT 71	CLSR 70813	Metlakatla	67650
57083	Band	902015397	LOT 5 BLOCK 14	CLSR BC1121	Metlakatla	64133
57087	Band	902012478	LOT 7 BLOCK 7	CLSR BC1123	Metlakatla	69247
57122	Band	902015496	LOT 6 BLOCK 10	CLSR BC1123	Metlakatla	66163
57123	Band	902015406	LOT 1 BLOCK 16	CLSR BC1123	Metlakatla	67654
57209	Band	902015646	LOT 3 BLOCK 11	CLSR BC1123	Metlakatla	68185
57964	Band	902015439	LOT 5 BLOCK 9	CLSR BC1123	Metlakatla	86390
58128	Band	902015419	LOT 1 BLOCK 4	CLSR BC1123	Metlakatla	63621
58211	Band	902015441	LOT 7 BLOCK 9	CLSR BC1123	Metlakatla	63762
58343	Band	902015418	LOT 8 BLOCK 7	CLSR BC1123	Metlakatla	63588
58531	Band	902015365	LOT 2 BLOCK 5 PIKE ISLAND	CLSR BC1119	Metlakatla	63941
5867	Location Ticket	902015432	LOT 2 BLOCK 3	CLSR BC1123	ROBERT NELSON SR	64174
58704	Band	902015345	LOT 1 BLOCK 2	CLSR BC1118	Metlakatla	63623
58785	Band	902015675	LOT 5 BLOCK 11	CLSR BC1123	Metlakatla	69246
58931	Band	902015405	LOT 2 BLOCK 18	CLSR BC1123	Metlakatla	97343

59160	Band	902015382	LOT 4 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	Metlakatla	64125
59334	Band	902015491	LOT 3 BLOCK 10	CLSR BC1123	Metlakatla	118274
5935	Location Ticket	902015414	LOT 3 BLOCK 7	CLSR BC1123	HERBERT CLIFTON	64138
59406	Band	902015442	LOT 8 BLOCK 9	CLSR BC1123	Metlakatla	69250
59412	Band	902012475	LOT 1 BLOCK 10	CLSR BC1123	Metlakatla	91112
59418	Band	902015357	LOT 1 BLOCK 3	CLSR BC1119	Metlakatla	63587
59450	Band	902005513	LOT 2 BLOCK 9	CLSR BC1121	Metlakatla	220108
59575	Band	902015383	LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	Metlakatla	101609
59991	Band	902015440	LOT 6 BLOCK 9	CLSR BC1123	Metlakatla	64207
60056	Band	902015669	LOT 4 BLOCK 11	CLSR BC1123	Metlakatla	68502
60156	Band	902015475	LOT 4 BLOCK 2	CLSR BC1123	Metlakatla	68183
60256	Band	902015381	LOT 3 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	Metlakatla	64124
60289	Band	902015573	LOT 1 BLOCK 11	CLSR BC1123	Metlakatla	68186
60433	Band	902015372	LOT 4 BLOCK 5 PIKE ISLAND	CLSR BC1119	Metlakatla	*****
60488	Band	902015417	LOT 5 BLOCK 7	CLSR BC1123	Metlakatla	*****
60588	Band	902015435	LOT 1 BLOCK 9	CLSR BC1123	Metlakatla	64195
60607	Band	902015400	LOT 73	CLSR 70813	Metlakatla	68187
60623	Band	902015677	LOT 7 BLOCK 11	CLSR BC1123	Metlakatla	69252
60675	Band	902015676	LOT 6 BLOCK 11	CLSR BC1123	Metlakatla	63620
60945	Band	902015504	LOT 8 BLOCK 10	CLSR BC1123	Metlakatla	63613
60955	Band	902015436	LOT 2 BLOCK 9	CLSR BC1123	Metlakatla	68292
60987	Band	902015555	LOT 5 BLOCK 1	CLSR BC1123	Metlakatla	24813
61270	Band	902015438	LOT 4 BLOCK 9	CLSR BC1123	Metlakatla	64201
61401	Band	902015492	LOT 4 BLOCK 10	CLSR BC1123	Metlakatla	67647
62293	Band	900023747	LOT 1	CLSR 63495	Metlakatla	63931
62986	Band	902015422	LOT 2 BLOCK 4	CLSR BC1123	Metlakatla	346378
63092	Band	902012476	LOT 5 BLOCK 8	CLSR BC1123	Metlakatla	64151
63359	Band	902015437	LOT 3 BLOCK 9	CLSR BC1123	Metlakatla	357326
63706	Band	902012478	LOT 7 BLOCK 7	CLSR BC1123	Metlakatla	364514
64019	Band	902004448	LOT 1 BLOCK 2	CLSR BC1123	Metlakatla	371411
64020	Band	902015444	LOT 2 BLOCK 2	CLSR BC1123	Metlakatla	371412
64054	Band	902015555	LOT 5 BLOCK 1	CLSR BC1123	Metlakatla	372632
64056	Band	902015413	LOT 1 BLOCK 7	CLSR BC1123	Metlakatla	372715
64093	Band	902015392	LOT 1 BLOCK 12	CLSR BC1121	Metlakatla	373916
64094	Band	902015395	LOT 2 BLOCK 14	CLSR BC1121	Metlakatla	373916
64095	Band	902007223	LOT 3 BLOCK 14	CLSR BC1121	Metlakatla	373916
64096	Band	902007450	LOT 4 BLOCK 20	CLSR BC1123	Metlakatla	373916
64097	Band	902015424	LOT 8 BLOCK 8	CLSR BC1123	Metlakatla	373916
6876	Notice of Entitlement	902015693	LOT 71	CLSR 70813	LAWRENCE REUBEN RUDLAND	37019
6877	Notice of Entitlement	902015694	LOT 122	CLSR 70813	LAWRENCE REUBEN RUDLAND	37018
7213	Location Ticket		LOT 3 BLOCK 7	CLSR BC1123	ALFRED AUCKLAND ALFRED AUCKLAND	*****
7213	Location Ticket		LOT 7 BLOCK 8	CLSR BC1123	ALFRED AUCKLAND ALFRED AUCKLAND	*****
7237	Notice of Entitlement	900023747	LOT 1	CLSR 63495	LEASK ALVIN LLOYD LEASK JOYCE VELMA	38170
7384	Location Ticket		LOT 4 BLOCK 20	CLSR BC1123	WILLIAM J ROBINSON	*****
7385	Location Ticket		LOT 2 BLOCK 11	CLSR BC1121	WILLIAM J ROBINSON	*****
7428	Location Ticket		LOT 2 BLOCK 9	CLSR BC1123	PREVOST , JAMES ALFRED	*****
7429	Location Ticket		LOT 6 BLOCK 14	CLSR BC1121	FRED AUCKLAND	*****
7447	Location Ticket		LOT 2 BLOCK 12	CLSR BC1121	MRS FLORENCE LEASK	*****
7724	Location Ticket		LOT 1 BLOCK 13	CLSR BC1121	WILLIAM RUDLAND	*****
7773	Location Ticket		LOT 6 BLOCK 7	CLSR BC1123	WILLIAM CAMPBELL	*****
7777	Location Ticket	902005611	LOT 2 BLOCK 7	CLSR BC1123	LEASK , LESLIE HOWARD	64136

7784	Location Ticket	902015379	LOT 1 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWARD GEORGE RYAN EDWARD GEORGE RYAN EDWARD GEORGE RYAN	*****
7784	Location Ticket	902004448	LOT 1 BLOCK 2	CLSR BC1123	EDWARD GEORGE RYAN EDWARD GEORGE RYAN EDWARD GEORGE RYAN	*****
7784	Location Ticket	902015380	LOT 2 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWARD GEORGE RYAN EDWARD GEORGE RYAN EDWARD GEORGE RYAN	*****
7800	Location Ticket	902015519	LOT 2 BLOCK 1	CLSR BC1123	MATTHEW LEIGHTON	****
7838	Location Ticket	902015435	LOT 1 BLOCK 9	CLSR BC1123	ALFRED AUCKLAND	*****
7847	Location Ticket	902015426	LOT 2 BLOCK 8	CLSR BC1123	ROBERT D LEIGHTON	*****
7877	Location Ticket	902015392	LOT 1 BLOCK 12	CLSR BC1121	ELIZABETH LEIGHTON ELIZABETH LEIGHTON	*****
7877	Location Ticket	902015439	LOT 5 BLOCK 9	CLSR BC1123	ELIZABETH LEIGHTON ELIZABETH LEIGHTON	*****
7882	Location Ticket	902012476	LOT 5 BLOCK 8	CLSR BC1123	MARK MORRISON	****
7886	Location Ticket	902015431	LOT 1 BLOCK 3	CLSR BC1123	JOHN LOUTH JOHN LOUTH	*****
7886	Location Ticket	902015397	LOT 5 BLOCK 14	CLSR BC1121	JOHN LOUTH JOHN LOUTH	*****
7896	Location Ticket	902015390	LOT 1 BLOCK 11	CLSR BC1121	LOUISA LEWIS LOUISA LEWIS	*****
7896	Location Ticket	902015491	LOT 3 BLOCK 10	CLSR BC1123	LOUISA LEWIS LOUISA LEWIS	*****
7900	Location Ticket	902015422	LOT 2 BLOCK 4	CLSR BC1123	ALVIN LEASK	*****
7919	Location Ticket	902015371	LOT 3 BLOCK 5 PIKE ISLAND	CLSR BC1119	GEORGE POWELL	*****
7947	Location Ticket	902015415	LOT 4 BLOCK 7	CLSR BC1123	ARNOLD LAWRENCE LEIGHTON	*****
7948	Location Ticket		LOT 1 BLOCK 9	CLSR BC1121	LEONARD DESMOND LEIGHTON	*****
7949	Location Ticket		LOT 4 BLOCK 2	CLSR BC1123	HAROLD MATTHEW LEIGHTON	*****
7956	Location Ticket		LOT 72	CLSR 70813	WILLIAM LEASK	****
8137	Location Ticket		LOT 4 BLOCK 9	CLSR BC1121	PETER LEIGHTON	*****
8161	Location Ticket	902015382	LOT 4 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWARD ALBERT LEIGHTON ELIZABETH JULIA LEIGHTON	*****
8181	Location Ticket	902015348	LOT 3 BLOCK 2	CLSR BC1118	GEORGE DUNCAN LEGAUD RYAN GEORGE DUNCAN LEGAUD RYAN	*****
8181	Location Ticket	902015405	LOT 2 BLOCK 18	CLSR BC1123	GEORGE DUNCAN LEGAUD RYAN GEORGE DUNCAN LEGAUD RYAN	*****
8182	Location Ticket		LOT 4 BLOCK 2 PARCEL A	LS 2942	RYAN STEPHEN HENRY RYAN STEPHEN HENRY	*****
8182	Location Ticket	902007224	LOT 4 BLOCK 2	CLSR BC1118	RYAN STEPHEN HENRY RYAN STEPHEN HENRY	*****
8183	Location Ticket	902015350	LOT 4 BLOCK 2 PARCEL B	LS 2942	CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN	*****

8183 L	Location Ticket Location Ticket Notice of Entitlement Location Ticket	902015573 902015349	LOT 4 BLOCK 11 LOT 4 BLOCK 2	CLSR BC1118 CLSR BC1123	CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN	*****
	Notice of Entitlement Location Ticket	902015349	LOT 4 BLOCK 2	CLSR BC1123	CECIL GORDON EDGAR RYAN CECIL GORDON EDGAR RYAN CECIL GORDON	*****
	Notice of Entitlement Location Ticket	902015349	LOT 4 BLOCK 2	CLSR BC1123	CECIL GORDON EDGAR RYAN CECIL GORDON	*****
8279 N	Entitlement Location Ticket					
8279 N	Entitlement Location Ticket				EDGAR RYAN CECIL GORDON	
82/9 ľ	Entitlement Location Ticket				EDGAR RYAN	46007
E		902015510	PARCEL A	LS 2942	RYAN , THELMA LORINA	46997
8342 L			LOT 1 BLOCK 1	CLSR BC1123	GEORGE S HALDANE GEORGE S HALDANE	63360
8342 L	Location Ticket	902015388	LOT 2 BLOCK 10	CLSR BC1121	GEORGE S HALDANE GEORGE S HALDANE	63360
8358 L	Location Ticket	902015428	LOT 4 BLOCK 8	CLSR BC1123	HENRY RYAN	*****
8398 L	Location Ticket	902015394	LOT 1 BLOCK 14	CLSR BC1121	AMBROSE WILSON AMBROSE WILSON RODERICK WILSON RODERICK WILSON WILSON THEODORE	*****
8398 L	Location Ticket	902015485	LOT 2 BLOCK 10	CLSR BC1123	WILSON THEODORE AMBROSE WILSON AMBROSE WILSON RODERICK WILSON RODERICK WILSON WILSON THEODORE	*****
8430 L	Location Ticket	002015646	LOT 3 BLOCK 11	CLSR BC1123	WILSON THEODORE HOWARD LEASK	65834
	Location Ticket		LOT 7 BLOCK 11	CLSR BC1123	GEORGE EDWIN	65834
8432 L	Location Ticket	902015676	LOT 6 BLOCK 11	CLSR BC1123	LEIGHTON LEONARD D	65834
8520 L	Location Ticket	902015438	LOT 4 BLOCK 9	CLSR BC1123	LEIGHTON EDWARD LEIGHTON I ELIZABETH JULIA	*****
8526 L	Location Ticket	902015437	LOT 3 BLOCK 9	CLSR BC1123	LEIGHTON ANNIE (MRS	64199
8878 L	Location Ticket	902015496	LOT 6 BLOCK 10	CLSR BC1123	WILLIAM) LEASK WILLIAM RUDLAND	*****
8878 L	Location Ticket	902012678	LOT 2 BLOCK 13	CLSR BC1121	WILLIAM RUDLAND WILLIAM RUDLAND	*****
					WILLIAM RUDLAND	*****
8986 L	Location Ticket	902015418	LOT 8 BLOCK 7	CLSR BC1123	SIMON O'REILLY SIMON O'RILEY	
8986 L	Location Ticket	902015357	LOT 1 BLOCK 3	CLSR BC1119	SIMON O'REILLY SIMON O'RILEY	*****
9058 L	Location Ticket	902007450	LOT 4 BLOCK 20	CLSR BC1123	LILLIAN MASON LILLIAN MASON	*****
9058 L	Location Ticket	902015523	LOT 3 BLOCK 1	CLSR BC1123	LILLIAN MASON LILLIAN MASON	*****
9059 L	Location Ticket	902015391	LOT 2 BLOCK 11	CLSR BC1121	WILLIAM ROBINSON	*****
9113 L	Location Ticket	902015442	LOT 8 BLOCK 9	CLSR BC1123	GEORGE EDWIN LEIGHTON	*****
9150 L	Location Ticket	902015492	LOT 4 BLOCK 10	CLSR BC1123	PETER LEIGHTON	*****
9151 L	Location Ticket	902015385	LOT 3 BLOCK 9	CLSR BC1121	ROBERT D LEIGHTON	*****
	Location Ticket		LOT 1 BLOCK 16	CLSR BC1123	JOHN LOUTH	*****
	Location Ticket		LOT 3 BLOCK 1	CLSR BC1123	WILLIAM ROBINSON	65829
	Location Ticket		LOT 6 BLOCK 10	CLSR BC1123	CHRISTIANA RYAN	65822
	Location Ticket		LOT 2 BLOCK 13	CLSR BC1121	WILLIAM RUDLAND	65822
9307 L	Location Ticket	902015358	GARDEN LOT 2 LACH-OI SUBDIVISION 3 TUGWELL ISLAND	CLSR BC302	JAMES PREVOST JAMES PREVOST	*****

9307	Location Ticket	902015359	GARDEN LOT 2 LACH-OI SUBDIVISION NO. 3 TUGWELL IS PARCEL 1	LTS 212	JAMES PREVOST JAMES PREVOST	*****
9308	Location Ticket	902015360	GARDEN LOT 2 LACH-OI SUBDIVISION NO. 3 TUGWELL IS PARCEL 2	LTS 212	DAVID PREVOST DAVID PREVOST DAVID PREVOST	*****
9308	Location Ticket	902015358	GARDEN LOT 2 LACH-OI SUBDIVISION 3 TUGWELL ISLAND	CLSR BC302	DAVID PREVOST DAVID PREVOST DAVID PREVOST	*****
9308	Location Ticket	902015425	LOT 1 BLOCK 8	CLSR BC1123	DAVID PREVOST DAVID PREVOST DAVID PREVOST	*****
9311	Location Ticket	902004448	LOT 1 BLOCK 2	CLSR BC1123	LEASK , ALVIN LLOYD	64624
9312	Location Ticket	902015380	LOT 2 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWARD GEORGE RYAN EDWARD GEORGE RYAN	64624
9312	Location Ticket	902015379	LOT 1 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	EDWARD GEORGE RYAN EDWARD GEORGE RYAN	64624
9322	Location Ticket	902015444	LOT 2 BLOCK 2	CLSR BC1123	HORACE LEIGHTON	*****
9330	Location Ticket		LOT 5 BLOCK 8 CAROLINA ISLAND	CLSR BC1120	GEORGE EDWIN LEIGHTON	*****
9335	Location Ticket		LOT 5 BLOCK 10	CLSR BC1123	PETER LEIGHTON	*****
9368	Location Ticket		LOT 3 BLOCK 8	CLSR BC1123	EDWIN DAVID RYAN	
9369	Location Ticket		LOT 122	CLSR 70813	WILLIAM F RUDLAND	
9377	Location Ticket		LOT 2 BLOCK 2	CLSR BC1118	KENNETH POWELL	*****
9388	Location Ticket		LOT 1 BLOCK 10	CLSR BC1123	PETER ROBINSON	*****
9389	Location Ticket		LOT 2 BLOCK 14	CLSR BC1121	PETER ROBINSON	*****
9390	Location Ticket		LOT 3 BLOCK 14	CLSR BC1121	FRANK ROBINSON	*****
9393	Location Ticket		LOT 71	CLSR 70813	WILLIAM F RUDLAND	*****
9394	Location Ticket		LOT 8 BLOCK 8	CLSR BC1123	FRANK ROBINSON	
9395	Location Ticket		LOT 5 BLOCK 11	CLSR BC1123 CLSR BC1123	LEIGHTON , CLARENCE HAROLD	65835
9396	Location Ticket		LOT 5 BLOCK 11		FRED AUCKLAND	65835
9402	Location Ticket		LOT 7 BLOCK 9 LOT 2 BLOCK 18	CLSR BC1123	ROBERT H L NELSON MARY ROBERTSON	
9404	Location Ticket			CLSR BC1123		*****
9405	Location Ticket		LOT 3 BLOCK 2	CLSR BC1118	GEORGE DUNCAN LEGAUD RYAN	
9407	Location Ticket		LOT 7 BLOCK 7	CLSR BC1123	CAMPBELL , JOHN PETER	27698
9408	Location Ticket		LOT 1 BLOCK 5 PIKE ISLAND	CLSR BC1119	CAMPBELL , WILLIAM ROBERT	*****
9436	Location Ticket	902015400	LOT 73	CLSR 70813	JOHN STEWART RYAN	*****
9446	Location Ticket		LOT 3 BLOCK 3	CLSR BC1123	GEORGE POWELL	*****
9450	Location Ticket		LOT 2 BLOCK 9	CLSR BC1121	HORACE LEIGHTON HORACE LEIGHTON	*****
9450	Location Ticket	902008767	LOT 3 BLOCK 2	CLSR BC1123	HORACE LEIGHTON HORACE LEIGHTON	*****

9459	Location Ticket		LOT 1 BLOCK 1	CLSR BC1121	ERMA LAURA HALDANE ERMA LAURA HALDANE HALDANE FRANCES HALDANE FRANCES GEORGE VICTOR HALDANE LEIGHTON GEORGE VICTOR HALDANE LEIGHTON MARY ELIZABETH HALDANE MORDAUNT MARY ELIZABETH HALDANE PEARL HALDANE PEARL HALDANE REUBEN PETER HALDANE REUBEN PETER HALDANE RONALD RALPH HALDANE FRANCES HALDANE FRANCES HALDANE FRANCES HALDANE FRANCES HALDANE FRANCES HALDANE FRANCES HALDANE LEIGHTON GEORGE VICTOR HALDANE LEIGHTON GEORGE VICTOR HALDANE LEIGHTON MARY ELIZABETH HALDANE MORDAUNT MARY ELIZABETH HALDANE MORDAUNT MARY ELIZABETH HALDANE PEARL HALDANE PEARL HALDANE REUBEN PETER HALDANE REUBEN PETER HALDANE REUBEN PETER HALDANE REUBEN PETER HALDANE REUBEN	63361
9465	Location Ticket	902015679	LOT 1 BLOCK 14	CLSR BC1123	HALDANE HALDANE RONALD RALPH HALDANE RONALD RALPH WALTER MCKAY	65838
9466	Location Ticket		LOT 1 BLOCK 13	CLSR BC1123	JOHN A AUCKLAND	29126
9467	Location Ticket	902011417	WHOLE OF RESERVE	CLSR BC845	HAROLD MATTHEW LEIGHTON	47411
9527 9528	Location Ticket		LOT 3 BLOCK 10	CLSR BC1123 CLSR BC1121	LEIGHTON , HAROLD CLARENCE LOUISA LEWIS	65817
9530	Location Ticket		LOT 1 BLOCK 16	CLSR BC1123	LEASK , HOWARD LESLIE	65844
9531	Location Ticket	902015432	LOT 2 BLOCK 3	CLSR BC1123	DORA NELSON	*****
9536	Location Ticket		LOT 6 BLOCK 8	CLSR BC1123	PREVOST , DAVID PELHAM	*****
9564	Location Ticket	902015390	LOT 1 BLOCK 11	CLSR BC1121	WILLIAM FREDERICK RUDLAND	64129
9573	Location Ticket	902015555	LOT 5 BLOCK 1	CLSR BC1123	JOHN LOUTH JOHN LOUTH	26861
9573	Location Ticket		LOT 5 BLOCK 1	CLSR BC1123	JOHN LOUTH JOHN LOUTH	
9577	Location Ticket		LOT 5 BLOCK 9	CLSR BC1123	FRANK ROBINSON FRANK RONALD ROBINSON	64204
9577	Location Ticket	902015392	LOT 1 BLOCK 12	CLSR BC1121	FRANK ROBINSON FRANK RONALD ROBINSON	64204
222,						
9594 9627	Location Ticket		LOT 6 BLOCK 9 LOT 4 BLOCK 20	CLSR BC1123 CLSR BC1123	JOHN AUCKLAND FRANK ROBINSON	64206 65830

9647	Certificate of Possession	902015406	LOT 1 BLOCK 16	CLSR BC1123	LEASK LESLIE HOWARD LEASK	26861
9647	Certificate of	902015406	LOT 1 BLOCK 16	CLSR BC1123	LESLIE HOWARD LEASK LESLIE	65843
9648	Possession Certificate of	902015414	LOT 3 BLOCK 7	CLSR BC1123	HOWARD LEASK LESLIE HOWARD RYAN RAYMOND	26861
0649	Possession	002015414	LOT 2 BLOCK 7	CLCD DC1122	DENNIS RYAN RAYMOND DENNIS	64120
9648	Certificate of Possession	902015414	LOT 3 BLOCK 7	CLSR BC1123	RYAN RAYMOND DENNIS RYAN RAYMOND DENNIS	64139
9649	Certificate of Possession	902015430	LOT 7 BLOCK 8	CLSR BC1123	RYAN RAYMOND DENNIS RYAN RAYMOND DENNIS	26861
9649	Certificate of Possession	902015430	LOT 7 BLOCK 8	CLSR BC1123	RYAN RAYMOND DENNIS RYAN RAYMOND DENNIS	64152
9650	Certificate of Possession	902015413	LOT 1 BLOCK 7	CLSR BC1123	JOHN STEWART RYAN JOHN STEWART RYAN	64135
9650	Certificate of Possession	902015413	LOT 1 BLOCK 7	CLSR BC1123	JOHN STEWART RYAN JOHN STEWART RYAN	26861
9651	Certificate of Possession	902015495	LOT 5 BLOCK 10	CLSR BC1123	HORACE A S LEIGHTON HORACE LEIGHTON	65820
9651	Certificate of Possession	902015495	LOT 5 BLOCK 10	CLSR BC1123	HORACE A S LEIGHTON HORACE LEIGHTON	26861
9652	Certificate of Possession	902015504	LOT 8 BLOCK 10	CLSR BC1123	HAROLD MATTHEW LEIGHTON HAROLD MATTHEW LEIGHTON	65826
9652	Certificate of Possession	902015504	LOT 8 BLOCK 10	CLSR BC1123	HAROLD MATTHEW LEIGHTON HAROLD MATTHEW LEIGHTON	26861
9653	Certificate of Possession	902015416	LOT 6 BLOCK 7	CLSR BC1123	CAMPBELL , WILLIAM ROBERT	26861
9654	Certificate of Possession	902012478	LOT 7 BLOCK 7	CLSR BC1123	FRED WILSON AUCKLAND FRED WILSON AUCKLAND	26861
9654	Certificate of Possession	902012478	LOT 7 BLOCK 7	CLSR BC1123	FRED WILSON AUCKLAND FRED WILSON AUCKLAND	27699
9655	Certificate of Possession	902015422	LOT 2 BLOCK 4	CLSR BC1123	LEASK , ALVIN LLOYD	26861
9657	Certificate of Possession	902015419	LOT 1 BLOCK 4	CLSR BC1123	KENNETH ELWOOD POWELL	26861
9658	Certificate of Possession	902015429	LOT 6 BLOCK 8	CLSR BC1123	PREVOST , DAVID PELHAM	26861
9660	Certificate of Possession	902015428	LOT 4 BLOCK 8	CLSR BC1123	RYAN , STEPHEN HENRY	26861
9661	Certificate of Possession	902015426	LOT 2 BLOCK 8	CLSR BC1123	ROBERT DESMOND LEIGHTON	26861
9662	Certificate of Possession	902015432	LOT 2 BLOCK 3	CLSR BC1123	DORA ALICE NELSON	26861
9663	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	KENNETH ELWOOD POWELL KENNETH ELWOOD POWELL	26861
9663	Certificate of Possession	902015434	LOT 4 BLOCK 3	CLSR BC1123	KENNETH ELWOOD POWELL KENNETH ELWOOD POWELL	64179
9664	Certificate of Possession	902015436	LOT 2 BLOCK 9	CLSR BC1123	NELSON DORCAS NELSON DORCAS	26861
9664	Certificate of Possession	902015436	LOT 2 BLOCK 9	CLSR BC1123	NELSON DORCAS NELSON DORCAS NELSON DORCAS	64198
9665	Certificate of Possession	902015437	LOT 3 BLOCK 9	CLSR BC1123	LEASK , CLYDE ELMER	26861
9666	Certificate of Possession	902015441	LOT 7 BLOCK 9	CLSR BC1123	NELSON DORCAS NELSON DORCAS	26861
9666	Certificate of Possession	902015441	LOT 7 BLOCK 9	CLSR BC1123	NELSON DORCAS NELSON DORCAS NELSON DORCAS	64209
9667	Certificate of Possession	902015442	LOT 8 BLOCK 9	CLSR BC1123	GEORGE EDWIN LEIGHTON	26861
9668	Certificate of Possession	902004448	LOT 1 BLOCK 2	CLSR BC1123	LEASK , ALVIN LLOYD	26861

9669	Certificate of	902015444	LOT 2 BLOCK 2	CLSR BC1123	LEIGHTON , HORACE	26861
9670	Possession Certificate of Possession	902008767	LOT 3 BLOCK 2	CLSR BC1123	ALFRED SAMPARE LEIGHTON HORACE ALFRED SAMPARE	26861
9671	Certificate of	902015475	LOT 4 BLOCK 2	CLSR BC1123	NORMAN WILLARD ATKINS HAROLD MATTHEW	26861
9672	Possession Certificate of	902012475	LOT 1 BLOCK 10	CLSR BC1123	LEIGHTON ROBINSON ,	26861
	Possession				GEORGE PETER	
9673	Certificate of Possession	902015485	LOT 2 BLOCK 10	CLSR BC1123	AMBROSE WILSON WILSON RODERICK BERNARD WILSON THEODORE	26861
9674	Certificate of Possession	902015491	LOT 3 BLOCK 10	CLSR BC1123	LEIGHTON , CLARENCE HAROLD	26861
9675	Certificate of Possession	902015400	LOT 73	CLSR 70813	WILLIAM F RUDLAND	26861
9676	Certificate of Possession	902015519	LOT 2 BLOCK 1	CLSR BC1123	HAROLD MATTHEW LEIGHTON	26861
9682	Certificate of Possession	902015523	LOT 3 BLOCK 1	CLSR BC1123	ROBINSON MYRTLE GLADYS ROBINSON MYRTLE GLADYS	26861
9682	Certificate of Possession	902015523	LOT 3 BLOCK 1	CLSR BC1123	ROBINSON MYRTLE GLADYS ROBINSON MYRTLE GLADYS	65828
9683	Certificate of Possession	902015573	LOT 1 BLOCK 11	CLSR BC1123	DOROTHY LILLIAN RYAN	26861
9684	Certificate of Possession	902015581	LOT 2 BLOCK 11	CLSR BC1123	JOHN STEWART RYAN JOHN STEWART RYAN	65832
9684	Certificate of Possession	902015581	LOT 2 BLOCK 11	CLSR BC1123	JOHN STEWART RYAN JOHN STEWART RYAN	26861
9685	Certificate of Possession	902015646	LOT 3 BLOCK 11	CLSR BC1123	LEASK , LESLIE HOWARD	26861
9686	Certificate of Possession	902015669	LOT 4 BLOCK 11	CLSR BC1123	LEIGHTON , CLARENCE HAROLD	26861
9687	Certificate of Possession	902015675	LOT 5 BLOCK 11	CLSR BC1123	FREDERICK EVERETT AUCKLAND	26861
9687	Location Ticket	902015393	LOT 2 BLOCK 12	CLSR BC1121	WILLIAM F RUDLAND	64131
9688	Certificate of Possession	902015676	LOT 6 BLOCK 11	CLSR BC1123	ROBERT DESMOND LEIGHTON	26861
9689	Certificate of Possession	902015677	LOT 7 BLOCK 11	CLSR BC1123	GEORGE EDWIN LEIGHTON	26861
9690	Certificate of Possession	902015679	LOT 1 BLOCK 14	CLSR BC1123	MCKAY , WALTER HARVEY	26861
9691	Certificate of Possession	902015425	LOT 1 BLOCK 8	CLSR BC1123	PREVOST , DAVID PELHAM	26861
9705	Certificate of Possession	902015438	LOT 4 BLOCK 9	CLSR BC1123	RUSSELL B RYAN RUSSELL B RYAN	64172
9705	Certificate of Possession	902015438	LOT 4 BLOCK 9	CLSR BC1123	RUSSELL B RYAN RUSSELL B RYAN	26861
9706	Certificate of	902015435	LOT 1 BLOCK 9	CLSR BC1123	NELSON DORCAS	26861
9706	Possession Certificate of	902015435	LOT 1 BLOCK 9	CLSR BC1123	NELSON DORCAS NELSON DORCAS	64172
9707	Possession Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	NELSON DORCAS JAMES ROBERTSON JAMES	64172
9707	Certificate of Possession	902015431	LOT 1 BLOCK 3	CLSR BC1123	ROBERTSON JAMES ROBERTSON JAMES ROBERTSON	26861
9709	Certificate of Possession	902015418	LOT 8 BLOCK 7	CLSR BC1123	SIMON JOSEPH O'REILLY	26861
9713	Location Ticket	902015372	LOT 4 BLOCK 5 PIKE	CLSR BC1119	ANNIE MORRISON	*****
9727	Location Ticket	902015371	ISLAND LOT 3 BLOCK 5 PIKE	CLSR BC1119	CECIL G E RYAN	63942
9728	Location Ticket	902015433	ISLAND LOT 3 BLOCK 3	CLSR BC1123	RYAN DOROTHY EVA CAMPBELL CAMPBELL JOHN	64176
9729	Location Ticket	902015419	LOT 1 BLOCK 4	CLSR BC1123	PETER KENNETH POWELL ROGER POWELL	*****

9730	Location Ticket	902015434	LOT 4 BLOCK 3	CLSR BC1123	LUCY POWELL	*****
9731	Location Ticket	902015345	LOT 1 BLOCK 2	CLSR BC1118	ROGER POWELL	*****
9765	Certificate of Possession	902015680	LOT 2 BLOCK 14	CLSR BC1123	RYAN , RONALD PERCIVAL CHARLES	26861
9766	Certificate of Possession	902005611	LOT 2 BLOCK 7	CLSR BC1123	GEORGE V LEIGHTON	64137
9767	Certificate of Possession	902015417	LOT 5 BLOCK 7	CLSR BC1123	FREDERICK EVERETT AUCKLAND	26861
9770	Certificate of Possession	902015499	LOT 7 BLOCK 10	CLSR BC1123	GEORGE EDWIN LEIGHTON	26861
9771	Certificate of Possession	902015496	LOT 6 BLOCK 10	CLSR BC1123	EDWIN DAVID RYAN	26861
9772	Certificate of Possession	902007450	LOT 4 BLOCK 20	CLSR BC1123	FRANK R ROBINSON	26861
9773	Certificate of Possession	902015683	LOT 4 BLOCK 14	CLSR BC1123	LEASK , CLYDE ELMER	26861
9780	Location Ticket	902015417	LOT 5 BLOCK 7	CLSR BC1123	FRED AUCKLAND	64141
9858	Certificate of Possession	902015432	LOT 2 BLOCK 3	CLSR BC1123	NELSON , CLARENCE EDGAR	64175
9877	Certificate of Possession	902015504	LOT 8 BLOCK 10	CLSR BC1123	LEIGHTON , FREDELIA ALICE	65825
9878	Certificate of Possession	902015519	LOT 2 BLOCK 1	CLSR BC1123	LEIGHTON , FREDELIA ALICE	65825

--- END OF REPORT ---

PARCEL SEARCH RESULTS

TOTAL NUMBER OF ROWS: 123

Selected Criteria Registry: ILRS

Reserves: S1/2 TSIMPSEAN 2 - 07754 | WILNASKANCAUD 3 - 07755 | SHOOWAHTLANS (SHAWTLANS) 4 - 07756 | TUCK INLET 89 - 07765 | RUSHTON ISLAND 90 - 07766 | SQUADEREE 91 - 07767 | AVERY ISLAND 92 - 07768 | TUGWELL ISLAND 21 - 07760 | EDYE 93 -

07769

Band/First Nation: Metlakatla

Legal Description	Plan	Reserve	PIN	NRCan PIN
CARR ISLAND BLOCK 4	Canada Lands Surveys Record BC1119	07754 - S1/2 TSIMPSEAN 2	902015363	1174497
GARDEN LOT 2 LACH-OI SUBDIVISIO	Canada Lands Surveys Record BC302	07754 - S1/2 TSIMPSEAN 2	902015358	
GARDEN LOT 2 LACH-OI SUBDIVISION	LTS 212	07754 - S1/2 TSIMPSEAN 2	902015359	1176907
GARDEN LOT 2 LACH-OI SUBDIVISIO	LTS 212	07754 - S1/2 TSIMPSEAN 2	902015360	1176906
LOT 1	Canada Lands Surveys Record 63495	07755 - WILNASKANCAUD 3	900023747	1176908
LOT 1	Regional Survey British-Columbia 168	07754 - S1/2 TSIMPSEAN 2	902015399	1175940
LOT 1 BLOCK 1	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015510	1174491
LOT 1 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902012475	1175233
LOT 1 BLOCK 10	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015387	1174532
LOT 1 BLOCK 11	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015390	1174518
LOT 1 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015573	1175229
LOT 1 BLOCK 12	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015392	1174520
LOT 1 BLOCK 13	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902012679	1174521
LOT 1 BLOCK 13	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015686	1174450
LOT 1 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015394	1174529
LOT 1 BLOCK 14	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015679	1174454
LOT 1 BLOCK 16	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015406	
LOT 1 BLOCK 18	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015404	1174495
LOT 1 BLOCK 2	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902004448	1174481
LOT 1 BLOCK 2	Canada Lands Surveys Record BC1118	07754 - S1/2 TSIMPSEAN 2	902015345	1175933
LOT 1 BLOCK 3	Canada Lands Surveys Record BC1119	07754 - S1/2 TSIMPSEAN 2	902015357	1174496
LOT 1 BLOCK 3	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015431	1174474
LOT 1 BLOCK 4	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015419	1174455

Legal Description	Plan	Reserve	PIN	NRCan PIN
LOT 1 BLOCK 5 PIKE ISLAND	Canada Lands	07754 - S1/2	902015364	1174501
	Surveys Record BC1119	TSIMPSEAN 2		
LOT 1 BLOCK 6 GRIBBELL ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015374	1174506
LOT 1 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015413	1175953
LOT 1 BLOCK 8	Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015425	1175949
LOT 1 BLOCK 8 CAROLINA ISLAND	BC1123 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015379	1174512
LOT 1 BLOCK 9	BC1120 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015384	1173989
LOT 1 BLOCK 9	BC1121 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015435	1175237
LOT 1 DISTRICT LOT 12 RANGE 5 RE	BC1123 E Canada Lands Surveys Record FB32424	07754 - S1/2 TSIMPSEAN 2	902528769	1174534
LOT 122	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902015694	1175942
LOT 2	Regional Survey British-Columbia 3826R	07755 - WILNASKANCAUD 3	902515931	1173971
LOT 2	Regional Survey British-Columbia 168	07754 - S1/2 TSIMPSEAN 2	902518866	1175939
LOT 2 BLOCK 1	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015519	1174489
LOT 2 BLOCK 10	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015388	1174531
LOT 2 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015485	1175232
LOT 2 BLOCK 11	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015391	1174517
LOT 2 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015581	1175228
LOT 2 BLOCK 12	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015393	1174519
LOT 2 BLOCK 13	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902012678	1174522
LOT 2 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015395	1174528
LOT 2 BLOCK 14	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015680	1174453
LOT 2 BLOCK 18	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015405	
LOT 2 BLOCK 2	Canada Lands Surveys Record BC1118	07754 - S1/2 TSIMPSEAN 2	902015346	1175932
LOT 2 BLOCK 2	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015444	1174479
LOT 2 BLOCK 3	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015432	1174472
LOT 2 BLOCK 4	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015422	1174445
LOT 2 BLOCK 5 PIKE ISLAND	Canada Lands Surveys Record BC1119	07754 - S1/2 TSIMPSEAN 2	902015365	1174500

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Legal Description LOT 2 BLOCK 6 GRIBBELL ISLAND	Plan	Reserve	PIN	NRCan PIN
LOT 2 BLOCK & GRIBBELL ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015376	1174505
LOT 2 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902005611	1175952
LOT 2 BLOCK 8	Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015426	1175948
LOT 2 BLOCK 8 CAROLINA ISLAND	BC1123 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015380	1174513
LOT 2 BLOCK 9	BC1120 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902005513	1174516
LOT 2 BLOCK 9	BC1121 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015436	1175236
1.04-0.00	BC1123			
LOT 202	Regional Survey British-Columbia 2300	07754 - S1/2 TSIMPSEAN 2	902528766	1174014
LOT 3	Regional Survey British-Columbia 168	07754 - S1/2	902015403	1175938
LOT 3 BLOCK 1	Canada Lands	TSIMPSEAN 2 07754 - S1/2	902015523	1174487
LOT 3 BLOCK 10	Surveys Record BC1123	TSIMPSEAN 2		
	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015491	1175231
LOT 3 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015646	1175227
LOT 3 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902007223	1174527
LOT 3 BLOCK 14	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015681	1174452
LOT 3 BLOCK 2	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902008767	1174478
LOT 3 BLOCK 2	Canada Lands Surveys Record BC1118	07754 - S1/2 TSIMPSEAN 2	902015348	1175931
LOT 3 BLOCK 3	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015433	1174470
LOT 3 BLOCK 5 PIKE ISLAND	Canada Lands Surveys Record BC1119	07754 - S1/2 TSIMPSEAN 2	902015371	1174499
LOT 3 BLOCK 6 GRIBBELL ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015377	1174504
LOT 3 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015414	1175951
LOT 3 BLOCK 8	Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015427	1175947
LOT 3 BLOCK 8 CAROLINA ISLAND	BC1123 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015381	1174511
LOT 3 BLOCK 9	BC1120 Canada Lands Surveys Record	07754 - S1/2 TSIMPSEAN 2	902015385	1174515
LOT 3 BLOCK 9	BC1121 Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015437	1175235
LOT 4 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015492	1175230
LOT 4 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015669	1175226
LOT 4 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015396	1174526
	ייייייייייייייייייייייייייייייייייייי			

Legal Description	Plan	Reserve	PIN	NRCan PIN
LOT 4 BLOCK 14	Canada Lands	07754 - S1/2	902015683	1174451
	Surveys Record BC1123	TSIMPSEAN 2		
LOT 4 BLOCK 2	Canada Lands Surveys Record BC1118	07754 - S1/2 TSIMPSEAN 2	902007224	
LOT 4 BLOCK 2	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015475	1174476
LOT 4 BLOCK 2 PARCEL A	LS 2942	07754 - S1/2 TSIMPSEAN 2	902015349	1176904
LOT 4 BLOCK 2 PARCEL B	LS 2942	07754 - S1/2 TSIMPSEAN 2	902015350	1176905
LOT 4 BLOCK 20	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902007450	1174486
LOT 4 BLOCK 3	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015434	1174458
LOT 4 BLOCK 5 PIKE ISLAND	Canada Lands Surveys Record BC1119	07754 - S1/2 TSIMPSEAN 2	902015372	1174502
LOT 4 BLOCK 6 GRIBBELL ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015378	1174503
LOT 4 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015415	1175950
LOT 4 BLOCK 8	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015428	1175238
LOT 4 BLOCK 8 CAROLINA ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015382	1174510
LOT 4 BLOCK 9	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015386	1174514
LOT 4 BLOCK 9	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015438	1175234
LOT 5 BLOCK 1	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015555	1174484
LOT 5 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015495	1175957
LOT 5 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015675	1175954
LOT 5 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902015397	1174525
LOT 5 BLOCK 2	Canada Lands Surveys Record BC1118	07754 - S1/2 TSIMPSEAN 2	902015356	1175930
LOT 5 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015417	1174432
LOT 5 BLOCK 8	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902012476	1175961
LOT 5 BLOCK 8 CAROLINA ISLAND	Canada Lands Surveys Record BC1120	07754 - S1/2 TSIMPSEAN 2	902015383	1174509
LOT 5 BLOCK 9	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015439	1175959
LOT 6 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015496	1175958
LOT 6 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015676	1175956
LOT 6 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902004310	1174524

Legal Description	Plan	Reserve	PIN	NRCan PIN
LOT 6 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015416	1174433
LOT 6 BLOCK 8	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015429	1175962
LOT 6 BLOCK 9	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015440	1175960
LOT 7 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015499	1174437
LOT 7 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015677	1174435
LOT 7 BLOCK 14	Canada Lands Surveys Record BC1121	07754 - S1/2 TSIMPSEAN 2	902004309	1174523
LOT 7 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902012478	1174443
LOT 7 BLOCK 8	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015430	1174441
LOT 7 BLOCK 9	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015441	1174439
LOT 71	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902015693	1175943
LOT 72	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902015692	1175944
LOT 73	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902015400	1175945
LOT 75	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902526918	1179446
LOT 79	Canada Lands Surveys Record 70813	07754 - S1/2 TSIMPSEAN 2	902518552	1175219
LOT 8 BLOCK 10	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015504	1174436
LOT 8 BLOCK 11	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015678	1174434
LOT 8 BLOCK 7	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015418	1174442
LOT 8 BLOCK 8	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015424	1174440
LOT 8 BLOCK 9	Canada Lands Surveys Record BC1123	07754 - S1/2 TSIMPSEAN 2	902015442	1174438
ROAD EXCEPT LOT 202 RSBC 2300	Canada Lands Surveys Record 69126	07754 - S1/2 TSIMPSEAN 2	902528767	1173122
ROAD REM.	Canada Lands Surveys Record 50261	07754 - S1/2 TSIMPSEAN 2	902528768	1173123
WHOLE OF RESERVE	Canada Lands Surveys Record BC845	07767 - SQUADEREE 91	902011417	1175218

Reserve General Abstract Report

Selected Criteria:

Reserve: RUSHTON ISLAND 90

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Reserve: 07766 - RUSHTON ISLAND 90 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **MINUTES OF DECISION** Instrument Date: 1914/08/14 Term: Registration Number: 112954 Effective Date: Registration Date: 1987/07/20 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Area: 8.000 Acres Land Affected: LACHHOIETA OR RUSHTON ISLAND AS PER SKETCH PLAN OF A.H.GREEN Grantor(s): ROYAL COMMISSION Grantee(s): 673 Metlakatla Remarks: ESTABLISHES RESERVE PGS 586 & 608 **PROV OC** Instrument Date: 1923/07/26 Term: Registration Number: 92925 Effective Date: Registration Date: 1984/02/20 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Area: 8.000 Acres Land Affected: LACHHOIETA OR RUSHTON ISLAND AS PER SKETCH PLAN OF A.H.GREEN Grantor(s): CROWN BRITISH COLUMBIA Remarks: OC #911 CONFIRMS RESERVE & ACCEPTS MINUTES OF DECISION REG #112954

Reserve: 07766 - RUSHTON ISLAND 90

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

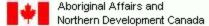
Selected Criteria:

Reserve: RUSHTON ISLAND 90

Printed on: 2014/11/03 05:37 pm UNCLASSIFIED

•	Columbia/BRITISH COLUMBIA - Metlakatla				
OCPC 075	Metiakatia				
Instrument Date:	1924/07/19	Term:			
Registration Number:		Effective Date:			
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:			
OCPC/MO Number:	PC #1265	Purpose:			
		Area:	8.000 Acres		
Land Affected:	LACHHOIETA OR RUSHTON IS	SLAND AS PER SKETCH PLA	N OF A.H.GREEN		
Grantor(s):	CROWN CANADA				
Remarks:	PC #1265 CONFIRMS RESERV	VE			
PROV OC					
Instrument Date:	1938/07/29	Term:			
Registration Number:	8042	Effective Date:			
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	17.200 Acres		
Land Affected:	LOT 3915 RGE 5 COAST DIST	RICT CLSR BC847			
Grantor(s):	CROWN BRITISH COLUMBIA				
Grantee(s):	CROWN CANADA				
Remarks:	: OC #1036 TRANSFERS MANAGEMENT & CONTROL SEE REG #4111-118				

Reserve: 07766 - RUSHTON ISLAND 90



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

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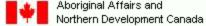
Reserve: RUSHTON ISLAND 90

Printed on: 2014/11/03 05:37 pm UNCLASSIFIED

	Columbia/BRITISH COLUMBIA - Metlakatla				
SURRENDER					
Instrument Date:	1951/04/19	Term:			
Registration Number:	15641	Effective Date:			
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:	FOR DISPOSITION		
Land Affected:	WHOLE OF RESERVE				
Grantor(s):	673 - Metlakatla				
Grantee(s):	CROWN CANADA				
Remarks:	SEE ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TO RESERVE STATUS				
ОСРС					
Instrument Date:	1951/06/13	Term:			
Registration Number:	15641	Effective Date:			
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:			
OCPC/MO Number:	PC #2894	Purpose:			
Land Affected:	WHOLE OF RESERVE				
Grantor(s):	CROWN CANADA				
Remarks:	PC #2894 ACCEPTS CONDITI SINCE ENFRANCHISEMENT O IN COUNCIL PC #1962-868 R RESERVE STATUS	F THE WHOLE BAND WAS N	OT RECOMMENDED, ORDER		

Reserve: 07766 - RUSHTON ISLAND 90

Region/Province: British Columbia/BRITISH COLUMBIA



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

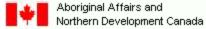
Reserve: RUSHTON ISLAND 90

Printed on: 2014/11/03 05:37 pm UNCLASSIFIED

Band: 673	3 - Metlakatla		
ОСРС			
Instrument Date	1962/06/20	Term:	
Registration Number	15645	Effective Date:	
Registration Date	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number	PC #1962-868	Purpose:	
Land Affected	WHOLE OF RESERVE	L	
Grantor(s)	CROWN CANADA		
Grantee(s)	673 Metlakatla		
Remarks	PC #1962-868 RE-ESTABLISI	HES RESERVE	
PROV OC			
Instrument Date	1969/05/13	Term:	
Registration Number	4111-118	Effective Date:	
Registration Date	1971/02/26 12:00:00AM	Expiry Date:	
OCPC/MO Number		Purpose:	
Land Affected	WHOLE OF RESERVE	,	
Grantor(s)	CROWN BRITISH COLUMBIA		
Grantee(s)	CROWN CANADA		
Remarks	OC #1555 WAIVES REVERSION	ONARY INTEREST IN PROV O	C REG #8042

--- END OF REPORT ---

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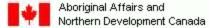
Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA				
	- Metlakatla			
MINUTES OF DECISIO	N			
Instrument Date:	1884/02/26	Term:		
Registration Number:	14794	Effective Date:		
Registration Date:	1969/11/05 12:00:00AM	Expiry Date:		
OCPC/MO Number:		Purpose:		
		Area:	70,400.000 Acres	
Land Affected:	SKEENA DISTRICT ON WEST COAST OF TSIMPSEAN PENINSULA AND NORTH END OF DIGBY ISLAND ON EAST SHORE OF CHATHAM SOUND NORTHWEST OF THE CITY OF PRINCE RUPERT			
Grantor(s):	COMMISSIONER O'REILLY			
Grantee(s):	673 Metlakatla			
Remarks:	AMENDED MINUTES OF DECISION - ALLOTS RESERVE			
MINUTES OF DECISION				
Instrument Date:	1886/10/08	Term:		
Registration Number:	9211-310	Effective Date:		
Registration Date:	1971/11/05 12:00:00AM	Expiry Date:		
OCPC/MO Number:		Purpose:		
		Area:	70,400.000 Acres	
Land Affected:	SKEENA DISTRICT ON WEST COAST OF TSIMPSEAN PENINSULA AND NORTH END OF DIGBY ISLAND ON EAST SHORE OF CHATHAM SOUND NORTHWEST OF THE CITY OF PRINCE RUPERT			
Grantor(s):	COMMISSIONER O'REILLY			
Grantee(s):	673 Metlakatla			
Remarks:	ALLOTMENT - SEE AMENDED MINUTES OF DECISION REG		G #14794 AND DUPLICATE	



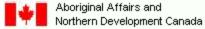
Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

UNCLASSIFIED Printed on: 2014/11/03 05:32 pm

Reserve: 07754 - S1	/2 TSIMPSEAN 2 Columbia/BRITISH COLUMBIA	1	
	- Metlakatla	•	
LETTER			
Instrument Date:	1892/03/07	Term:	
Registration Number:	64648	Effective Date:	
Registration Date:	1979/08/29 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
Land Affected:	SKEENA DISTRICT ON WEST COAST OF TSIMPSEAN PENINSULA AND NORTH END OF DIGBY ISLAND ON EAST SHORE OF CHATHAM SOUND NORTHWEST OF THE CITY OF PRINCE RUPERT		
Grantor(s):	COMMISSIONER O'REILLY		
Remarks:	: VOL 13 FEDERAL COLLECTION PAGES 485 TO 487 - LETTER DATED 7 MARCH 1892 FROM P O'REILLY EXPLAINED THE DIVISION OF TSIMPSEAN 2 SHOWN ON THE SURVEY PLAN SIGNED IN 1892, HAD BEEN MADE AT REQUEST OF METLAKATLA INDIANS - NORTH OF THE DIVIDING LINE BELONGS TO FORT SIMPSON (LAX KW'ALAAMS) BAND AND SOUTH PORTION BELONGS TO METLAKATLA BAND, BOTH OF TSIMPSEAN TRIBE - THIS INFORMATION WAS PREVIOUSLY EXPLAINED BY O'REILLY IN HIS EARLIER REPORT DATED 4 OCTOBER 1888		
SURRENDER			
Instrument Date:	1905/04/22	Term:	
Registration Number:	15642	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR LEASE
		Area:	15.000 Acres
Land Affected:	15 ACRES SITUATED ON THI BORDERING ON VENN PASS. VILLAGE		PSEAN PENINSULA NORTHEAST OF METLAKATLA
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	FOR LEASING PURPOSES		



Reserve General Abstract Report

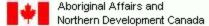
Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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Reserve: 07754 - S1	/2 TSIMPSEAN 2		
	Columbia/BRITISH COLUMBIA - Metlakatla		
SURRENDER	- Metiakatia		
Instrument Date:	1906/08/17	Term:	
Registration Number:		Effective Date:	
Registration Number:	13043	Lifective Date.	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR SALE
		Area:	13,519.000 Acres
Land Affected:	PORTION OF KAI-EN ISLAND AND DIGBY ISLAND AND A PORTION OF THE MAINLAND RESERVATION BORDERING ON TUCKS INLET AND VENN PASSAGE AS DESCRIBED BY METES & BOUNDS CLSR BC228		
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	SURRENDERED FOR SALE TO THE GRAND TRUNK PACIFIC RAILWAY ACCEPTED BY ORDER AND COUNCIL DATED 21 SEPT 1906 (NOT FOUND) - LETTERS PATENT REF #14791 ISSUED 25 JUNE 1907 FOR 14,160 ACRES - SEE LAND SALES RECORDS SURRENDER #535		
ОСРС			
Instrument Date:	1906/09/21	Term:	
Registration Number:	213313	Effective Date:	
Registration Date:	1993/05/06 1:51:44PM	Expiry Date:	
OCPC/MO Number:	PC #1859	Purpose:	
		Area:	13,519.000 Acres
Land Affected:	AS DESCRIBED IN SURRENDER DOCUMENT BY METES AND BOUNDS		
Grantor(s):	CROWN CANADA		
Remarks:	PC #1859 ACCEPTS SURRENDER DATED 17 AUGUST 1906 REG #15643 - LETTERS PATENT REF #14791 ISSUED 25 JUNE 1907 FOR 14,160 ACRES - SEE LAND SALES RECORDS		

Reserve: 07754 - S1/2 TSIMPSEAN 2



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Reserve General Abstract Report

Selected Criteria:

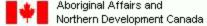
Reserve: S1/2 TSIMPSEAN 2

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	Columbia/BRITISH COLUMBIA		
	- Metlakatla		
MINUTES OF DECISIO	N		
Instrument Date:	1914/08/14	Term:	
Registration Number:	112954	Effective Date:	
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	33,707.000 Acres
Land Affected:	SKEENA DISTRICT ON THE T	SIMPSEAN PENINSULA	
Grantor(s):	ROYAL COMMISSION		
Grantee(s):	673 Metlakatla		
Remarks:	CONFIRMS RESERVE PAGE 600 VOL. III TO BE REDUCED BY CUTTING OFF 10,468 ACRES REMAINING PORTION OF RESERVE TO BE CONFIRMED 33,707 ACRES		
PROV OC			
Instrument Date:	1923/07/26	Term:	
Registration Number:	92925	Effective Date:	
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	33,707.000 Acres
Land Affected:	SKEENA DISTRICT ON TSIMPSEAN PENINSULA		
Grantor(s):	CROWN BRITISH COLUMBIA		
Remarks:	OC #911 CONFIRMS & ACCEPTS MINUTES OF DECISION REG #112954		

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Reserve: 07754 - S1/2 TSIMPSEAN 2



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

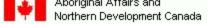
Reserve: S1/2 TSIMPSEAN 2

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_	Columbia/BRITISH COLUMBIA		
Band: 673	- Metlakatla		
OCPC			
Instrument Date:	1924/07/19	Term:	
Registration Number:	12073	Effective Date:	
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1265	Purpose:	
		Area:	33,707.000 Acres
Land Affected:	SKEENA DISTRICT ON THE TS	SIMPSEAN PENINSULA	
Grantor(s):	CROWN CANADA		
Remarks:	PC #1265 CONFIRMS RESERV	/E LESS REDUCTION OF 10,	468 ACRES
PROV OC			
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	33,707.000 Acres
Land Affected:	SKEENA DISTRICT ON THE TS	SIMPSEAN PENINSULA	
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANAGEMENT & CONTROL SEE REG #4111-118		

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Reserve: 07754 - S1/2 TSIMPSEAN 2



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

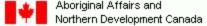
Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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_	Columbia/BRITISH COLUMBIA - Metlakatla		
GRANT			
Instrument Date:	1941/01/20	Term:	
Registration Number:	350926	Effective Date:	
Registration Date:	2007/10/01 2:49:19PM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	2.000 Acres
Land Affected:	DISTRICT LOT 12 RANGE 5 C	OAST DISTRICT	
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	ANGLICAN SYNOD OF THE DIOCESE OF CALEDONIA		
Remarks:	CROWN GRANT #1751/688		
LEASE			
Instrument Date:	1944/12/04	Term:	2y 0m 0d
Registration Number:	51621	Effective Date:	1943/08/01
Registration Date:	1977/03/23 12:00:00AM	Expiry Date:	1945/07/31
OCPC/MO Number:		Purpose:	
		Area:	24.650 Acres
Land Affected:	PARCELS AS DESCRIBED ON CLSR PLANS F3015 F3016 F3063 F3064 F3065 ATTACHED		
Grantor(s):	CROWN CANADA		
Grantee(s):	DEPARTMENT OF NATIONAL DEFENCE		

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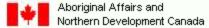
Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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•	/2 TSIMPSEAN 2 Columbia/BRITISH COLUMBIA - Metlakatla		
SURRENDER	rictianatia		
Instrument Date:	1951/04/19	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR SALE
Land Affected:	PTN OF RESERVE LYING TO THE NORTH OF THE AREA CUT-OFF ORIGINAL RESERVE BY ROYAL COMMISSION IN 1916 AND WHOLE OF S1/2 OF RESERVE		
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	: N1/2 OF RESERVE SURRENDERED FOR SALE AS AN ADDITION TO PORT SIMPSON #1 AND S1/2 OF RESERVE SURRENDERED FOR SALE AS METLAKATLA BAND MEMBERS TO BE ENFRANCHISED ACCEPTING OCPC #2894 ATTACHED ACCEPTS SURRENDER DATEL 19 APRIL 1951 - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TO RESERVE STATUS		
ОСРС			
Instrument Date:	1951/06/13	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #2894	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Remarks:		FOR SURRENDER NO 204 - S RECOMMENDED, ORDER IN	SINCE ENFRANCHISEMENT OF COUNCIL PC #1962-868 REG



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA Band: 673 - Metlakatla **PERMIT** Term: 1y 0m 0d Instrument Date: 1958/05/02 Registration Number: 63924 Effective Date: 1957/06/01

OCPC/MO Number: Purpose: Area: 7.000 Acres

Expiry Date: 1958/05/31

Land Affected: AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED Grantor(s): CROWN CANADA

Grantee(s): GENERAL CONSTRUCTION COMPANY LIMITED

Remarks: FOR CAMPSITE DURING CONSTRUCTION OF PRINCE RUPERT AIRPORT

PERMIT

Registration Date: 1979/06/28 12:00:00AM

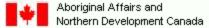
Term: 1y 0m 0d Instrument Date: 1959/01/30 Registration Number: 63925 Effective Date: 1958/06/01 Registration Date: | 1979/06/28 | 12:00:00AM Expiry Date: 1959/05/31 OCPC/MO Number: Purpose: Area: 7.000 Acres Land Affected: AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED TO PERMIT REG #63924

Grantor(s): CROWN CANADA

Grantee(s): GENERAL CONSTRUCTION COMPANY LIMITED

Remarks: FOR A CAMPSITE DURING THE CONSTRUCTION OF THE PRINCE RUPERT AIRPORT

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Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **PERMIT** Instrument Date: 1959/07/29 Term: 0y 7m 0d Registration Number: 63926 Effective Date: 1959/06/01 Registration Date: 1979/06/28 12:00:00AM Expiry Date: 1959/12/31 OCPC/MO Number: Purpose: Area: 7.000 Acres Land Affected: AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED TO PERMIT REG #63924 Grantor(s): CROWN CANADA Grantee(s): GENERAL CONSTRUCTION COMPANY LIMITED Remarks: FOR CAMPSITE DURING CONSTRUCTION OF PRINCE RUPERT AIRPORT **SURRENDER** Instrument Date: 1961/04/14 Term: Registration Number: 15646 Effective Date: 1961/05/25 Registration Date: | 1970/01/05 | 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: FOR LEASE Area: 11.420 Acres Land Affected: RIGHT OF WAY CLSR 50261 TOGETHER WITH RIPARIAN RIGHTS TO THAT PORTION OF THE FORESHORE FRONTING ON VENN PASSAGE OCCUPIED BY THE FERRY LANDING Grantor(s): 673 - Metlakatla Grantee(s): CROWN CANADA Remarks: ACCEPTING ORDER IN COUNCIL PC #1961-743 ATTACHED

Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

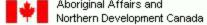
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Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

ОСРС			
Instrument Date:	1961/05/25	Term:	
Registration Number:	15646	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1961-743	Purpose:	
Land Affected:	RIGHT OF WAY CLSR 50261 TOGETHER WITH RIPARIAN RIGHTS TO THAT PORTION OF THE FORESHORE FRONTING ON VENN PASSAGE OCCUPIED BY THE FERRY LANDING		
Grantor(s):	CROWN CANADA		
Remarks:	PC #1961-743 ACCEPTS SUR	RENDER FOR LEASE DATED	14 APRIL 1961 ATTACHED
LEASE			
Instrument Date:	1961/06/09	Term:	21y 0m 0d
Registration Number:	X10178	Effective Date:	1961/06/01
Registration Date:	1972/01/25 12:00:00AM	Expiry Date:	1982/05/31
OCPC/MO Number:		Purpose:	ACCESS ROAD
		Area:	11.420 Acres
Land Affected:	RIGHT OF WAY CLSR 50261		
Grantor(s):	CROWN CANADA		
Grantee(s):	THE CORPORATION OF THE CITY OF PRINCE RUPERT		
Remarks:	TOGETHER WITH RIPARIAN RIGHTS TO THAT PORTION OF THE FORESHORE FRONTING ON VENN PASSAGE - SEE SURRENDER REG #15646		



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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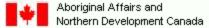
Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **OCPC** Instrument Date: 1962/06/20 Term: Registration Number: 15645 Effective Date:

Registration Date: 1970/01/05 12:00:00AM Expiry Date: OCPC/MO Number: PC #1962-868 Purpose: Land Affected: WHOLE OF RESERVE Grantor(s): CROWN CANADA Grantee(s): 673 Metlakatla Remarks: PC #1962-868 RE-ESTABLISHES RESERVE FOR THE USE & BENEFIT OF THE

> METLAKATLA BAND - SEE SURRENDER REG #15641 WHICH WAS PREDICATED UPON WHOLE OF BAND BEING ENFRANCHISED BUT THIS WAS NEVER CARRIED OUT

PERMIT

Instrument Date:	1964/10/28	Term:	10y 0m 0d	
Registration Number:	2136-44	Effective Date:	1974/08/31	
Desistantia Deter	1070/00/01 10 00 00111	Franker Dates	1004/00/00	
Registration Date:	1970/08/21 12:00:00AM	Expiry Date:	1984/08/30	
OCPC/MO Number:		Purpose:	RIPARIAN RIGHTS	
Land Affected:	PTN OF RESERVE AS SHOWN ON SKETCH ATTACHED			
Grantor(s):	CROWN CANADA			
Grantee(s):	CELGAR LIMITED			
Remarks:	GRANTS PERMITTEE THE RIGHT TO INTERFERE WITH THE RIPARIAN RIGHTS OF THE			
	OWNER WITH RESPECT TO THOSE TWO PORTIONS OF THE FORESHORE OF BIG BAY FRONTING ON TSIMPSEAN #2 AUTHORIZING BCR ATTACHED			



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

PERMIT				
Instrument Date:	1965/07/12		Term:	19y 0m 0d
Registration Number:	X10178		Effective Date:	1963/06/01
Registration Date:	1972/01/25 12:00:0	MA00	Expiry Date:	1982/05/31
OCPC/MO Number:			Purpose:	ACCESS ROAD
			Area:	11.420 Acres
Land Affected:	RIGHT OF WAY CLSR	50621		
Grantor(s):	CROWN CANADA			
Grantee(s):	DEPARTMENT OF TRA	ANSPORT		
Remarks:			IGHTS - FOR THE REMAIND SS ROAD TO AIRPORT ON	

PERMIT			

Instrument Date:	1968/04/18	Term:	5y 0m 0d			
Registration Number:	2518	Effective Date:	1968/04/01			
Registration Date:	1968/06/27 12:00:00AM	Expiry Date:	1973/03/31			
		_				
OCPC/MO Number:		Purpose:				
		Area:	1.000 Acres			
Land Affected:	1 ACRE AS DESCRIBED IN DOCUMENT					
Grantor(s):	CROWN CANADA					
Grantee(s):	CHARLES BROWN GEORGE BROWN					
Remarks:	FOR PURPOSE OF ERECTING AND MAINTAINING A BOAT SHED AND TWO CABINS ONLY					

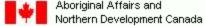
Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **PERMIT** Term: 5y 0m 0d Instrument Date: 1968/10/21 Registration Number: 7304 Effective Date: 1968/07/01 Registration Date: 1969/01/02 12:00:00AM Expiry Date: 1973/06/30 OCPC/MO Number: Purpose: STORAGE Area: .220 Acres Land Affected: PORTION AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED Grantor(s): CROWN CANADA Grantee(s): SHELL CANADA LIMITED Remarks: AUTHORIZING BCR ATTACHED - TO BE USED FOR THE OPERATION OF STORING FUEL **PERMIT** Instrument Date: 1969/04/25 Term: Registration Number: 14215 Effective Date: 1969/04/25 Registration Date: | 1969/10/23 | 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: HYDRO LINE Land Affected: AS SHOWN ON APPENDIX "A" ATTACHED Grantor(s): CROWN CANADA Grantee(s): BRITISH COLUMBIA HYDRO AND POWER AUTHORITY



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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9 .	Columbia/BRITISH COLUMBIA				
	- Metlakatla				
PROV OC					
Instrument Date:	1969/05/13	Term:			
Registration Number:	4111-118	Effective Date:			
Registration Date:	1971/02/26 12:00:00AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
		Area:	33,707.000 Acres		
Land Affected:	SKEENA DISTRICT ON THE TS	SIMPSEAN PENINSULA			
Grantor(s):	CROWN BRITISH COLUMBIA				
Grantee(s):	CROWN CANADA				
Remarks:	OC #1555 WAIVES REVERSIO #8042	ONARY INTEREST IN PROVI	NCIAL ORDER IN COUNCIL RE		
PERMIT					
Instrument Date:	1969/07/07	Term:	8y 0m 0d		
Registration Number:	12028	Effective Date:	1969/12/01		
Registration Date:	1969/08/08 12:00:00AM	Expiry Date:	1977/11/30		
OCPC/MO Number:		Purpose:	RIPARIAN RIGHTS		
Land Affected:	BANKS AND WATERS FRONTING VENN PASSAGE AS OUTLINED IN RED ON SKETCH ATTACHED				
Grantor(s):	CROWN CANADA				
Grantee(s):	ARMOUR SALVAGE (1949) LTD				
Remarks:	PERMISSION TO INTERFERE WITH RIPARIAN RIGHTS - SEE CANCELLATION OF PERMIT REG #38317				

Affaires autochtones et

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

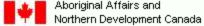
Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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/2 TSIMPSEAN 2		
Columbia/BRITISH COLUMBIA		
- Metlakatla		
	1	
	Term:	
14216	Effective Date:	1969/09/25
1969/10/23 12:00:00AM	Expiry Date:	
	Purpose:	POWERLINE
AS SHOWN ON APPENDIX A	ATTACHED	
CROWN CANADA		
BRITISH COLUMBIA HYDRO 8	& POWER AUTHORITY	
1970/01/01	Term:	
2137-44	Effective Date:	
1970/08/21 12:00:00AM	Expiry Date:	
	Purpose:	RIPARIAN RIGHTS
CELGAR LIMITED		
SKEENA KRAFT LIMITED		
ASSIGNS PERMIT REG #2136	5-44	
	Columbia/BRITISH COLUMBIA - Metlakatla 1969/09/25 14216 1969/10/23 12:00:00AM AS SHOWN ON APPENDIX A A CROWN CANADA BRITISH COLUMBIA HYDRO 8 1970/01/01 2137-44 1970/08/21 12:00:00AM TWO PORTIONS OF THE FOR AS SHOWN IN RED ON SKETO CELGAR LIMITED SKEENA KRAFT LIMITED	Columbia/BRITISH COLUMBIA - Metlakatla 1969/09/25 Term: 14216 Effective Date: 1969/10/23 12:00:00AM Expiry Date: Purpose: AS SHOWN ON APPENDIX A ATTACHED CROWN CANADA BRITISH COLUMBIA HYDRO & POWER AUTHORITY 1970/01/01 Term: 2137-44 Effective Date: 1970/08/21 12:00:00AM Expiry Date: TWO PORTIONS OF THE FORESHORE OF BIG BAY FRONT AS SHOWN IN RED ON SKETCH ATTACHED TO PERMIT R CELGAR LIMITED

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Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

PERMIT				
Instrument Date:	1972/01/18		Term:	20y 0m 0d
Registration Number:	X10177		Effective Date:	1971/06/01
Registration Date:	1972/01/25 12:00:	:00AM	Expiry Date:	1991/05/31
OCPC/MO Number:			Purpose:	ACCESS ROAD
Land Affected:	RIGHT OF WAY CLS	R 50261 7	TOGETHER WITH RIPARIAN	RIGHTS
Grantor(s):	CROWN CANADA			
Grantee(s):	DEPARTMENT OF TR	RANSPORT		
Remarks:	SEE PERMIT REG #>	X10178 -	USED FOR ACCESS ROAD T	O AIRPORT ON DIGBY ISLAND
PERMIT				
Instrument Date:	1973/07/01		Term:	5y 0m 0d
Registration Number:	50045		Effective Date:	1973/07/01
Registration Date:	1976/11/29 12:00:	:00AM	Expiry Date:	1978/06/30
OCPC/MO Number:			Purpose:	STORAGE
			Area:	.220 Acres
Land Affected:	AS SHOWN OUTLIN	ed in rei	O ON SKETCH ATTACHED TO	PERMIT REG #7304
Grantor(s):	CROWN CANADA			
Grantee(s):	SHELL CANADA LIM	ITED		
Remarks:	FOR THE OPERATION OF STORING FUEL - EXTENDS TERM FOR AN ADDITIONAL 5 YEARS			

Reserve General Abstract Report

Selected Criteria:

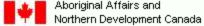
Reserve: S1/2 TSIMPSEAN 2

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Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

banu: 673	- Meliakalia		
CANCELLATION			
Instrument Date:	1975/01/06	Term:	
Registration Number:	38317	Effective Date:	1972/11/30
Registration Date:	1975/01/28 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
Land Affected:	BANKS AND WATERS FROM ATTACHED TO PERMIT REG	TING VENN PASSAGE AS OUT #12028	LINED IN RED ON SKETCH
Grantor(s):	CROWN CANADA		
Remarks:	CANCELS PERMIT REG #12	028	
PERMIT			
Instrument Date:	1976/01/13	Term:	5y 0m 0d
Registration Number:	44885	Effective Date:	1974/08/01
Registration Date:	1976/01/20 12:00:00AM	Expiry Date:	1979/07/31
OCPC/MO Number:		Purpose:	SAND & GRAVEL
Land Affected:	PARCEL OF LAND AS INDIC	ATED IN RED ON SKETCH AT	TACHED
Grantor(s):	CROWN CANADA		
Grantee(s):	RIVTOW STRAITS LIMITED		
Remarks:	PERMISSION TO INTERFER	WITH RIPARIAN RIGHTS AL	ONG SHORELINE OF RESERVE



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA Band: 673 - Metlakatla **CERTIFICATE OF TITLE** Instrument Date: 1976/04/15 Term: Registration Number: 47123 Effective Date: Registration Date: 1976/05/19 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Land Affected: LOTS 1 AND 2 DISTRICT LOT 12 RANGE 5 COAST DISTRICT Grantor(s): CROWN BRITISH COLUMBIA Grantee(s): CROWN CANADA Remarks: CERTIFICATE OF TITLE #E3545 SUBJECT TO BC HYDRO AUTHORITY RIGHT OF WAY DATED 20 FEBRUARY 1970 & SUBJECT TO THE SUBSISTING EXCEPTIONS OR RESERVATIONS CONTAINED IN THE ORIGINAL GRANT FROM THE CROWN REG #350926 - LANDS WILL BE USED FOR A WHARF AND BOAT DOCKING LOCATION OCPC Instrument Date: 1976/11/25 Term: Registration Number: 50958 Effective Date: Registration Date: | 1977/02/07 | 12:00:00AM Expiry Date: OCPC/MO Number: PC #1976-2896 Purpose: ADDITION Area: 2.140 Acres Land Affected: LOTS 1 AND 2 OF LOT 12 RANGE 5 COAST DISTRICT CLSR FB32424 Grantor(s): CROWN CANADA Grantee(s): 673 Metlakatla Remarks: PC #1976-2896 ADDITION TO RESERVE SUBJECT TO CERTIFICATE OF TITLE #E3545 & CROWN GRANT #1751/688 DATED 20 JANUARY 1941 & BC HYDRO AUTHORITY RIGHT OF WAY DATED 20 FEBRUARY 1970

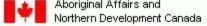
Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1/2 TSIMPSEAN 2 Region/Province: British Columbia/BRITISH COLUMBIA Band: 673 - Metlakatla **AMENDMENT** Instrument Date: 1977/06/16 Term: Registration Number: 54719 Effective Date: Registration Date: 1977/09/27 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Land Affected: RIGHT OF WAY CLSR 50261 TOGETHER WITH RIPARIAN RIGHTS ON THE VENN PASSAGE Grantor(s): CROWN CANADA Grantee(s): DEPARTMENT OF TRANSPORT Remarks: AMENDS RENTAL CLAUSE OF PERMIT REG #X10177 **AGREEMENT** Instrument Date: 1978/06/01 Term: 6y 0m 0d Registration Number: 63115 Effective Date: 1978/07/01 Registration Date: 1979/04/30 12:00:00AM Expiry Date: 1984/06/30 OCPC/MO Number: Purpose: STORAGE Land Affected: AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED TO PERMIT REG #7304 Grantor(s): CROWN CANADA Grantee(s): SHELL CANADA LIMITED Remarks: FOR THE OPERATION OF A FUEL STORAGE SITE AND RELATED PURPOSES. AMENDS RENTAL CLAUSE AND RENEWS PERMIT REG #7304 FOR A FURTHER 6 YEARS



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

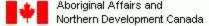
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Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

575	T Tettarratia				
PERMIT					
Instrument Date:	1979/09/01		Term:	4y 0m 0d	
Registration Number:	67839		Effective Date:	1979/09/01	
Registration Date:	1990/02/12 12:00:00	AM	Expiry Date:	1983/08/31	
OCPC/MO Number:			Purpose:	COMMUNICATION	
Land Affected:	AS SHOWN OUTLINED	IN RED	O ON DRAWING NO. 34-22	ATTACHED	
Grantor(s):	CROWN CANADA				
Grantee(s):	BRITISH COLUMBIA TE	ELEPHO	NE COMPANY		
Remarks:	PORTABLE TELEPHONE	EXCH	ANGE SITE		
PERMIT					
Instrument Date:	1983/09/01		Term:	4y 0m 0d	
Registration Number:	103465		Effective Date:	1983/09/01	
Registration Date:	1985/10/08 12:00:00	AM	Expiry Date:	1987/08/31	
OCPC/MO Number:			Purpose:	COMMUNICATION	
Land Affected:	AS SHOWN OUTLINED	IN RED	ON ATTACHED DRAWING	NO. 34-22	
Grantor(s):	CROWN CANADA				
Grantee(s):	BRITISH COLUMBIA TE	LEPHO	NE COMPANY		
Remarks:	PORTABLE TELEPHONE EXCHANGE SITE				



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

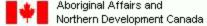
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Reserve: 07754 - S1/2 TSIMPSEAN 2

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

AMENDMENT					
Instrument Date:	1986/10/30		Term:	5y 0m 0d	
Registration Number:	111002		Effective Date:	1981/06/01	
Registration Date:	1987/03/04 12:00:00	MAC	Expiry Date:	1986/05/31	
OCPC/MO Number:			Purpose:	ACCESS ROAD	
Land Affected:	R/W CLSR 69126				
Grantor(s):	CROWN CANADA				
Grantee(s):	DEPARTMENT OF TRAIN	NSPORT	-		
Remarks:	SEE PERMIT REG #X10	0177 A	CCESS ROAD TO AIRPORT O	ON DIGBY ISLAND	
PERMIT					
Instrument Date:	1987/01/15		Term:	1y 0m 0d	
Registration Number:	113842		Effective Date:	1986/12/01	
Registration Date:	1987/09/30 12:00:00	MAC	Expiry Date:	1987/11/30	
OCPC/MO Number:			Purpose:	SAND & GRAVEL	
Land Affected:	AS SHOWN OUTLINED	IN RE	ON APPENDIX A ATTACHE	D	
Grantor(s):	CROWN CANADA				
Grantee(s):	PRINCE RUPERT PORT	CORPC	PRATION		
Remarks:	TOGETHER WITH RIGHT OF INGRESS & EGRESS TO EXTRACT, PROCESS AND REMOVE ROCK				



Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

Printed on: 2014/11/03 05:32 pm UNCLASSIFIED

Reserve: 07754 - S1	/2 TSIMPSEAN 2				
•	Columbia/BRITISH COLUMBIA				
Band: 673 AMENDMENT	- Metlakatla				
Instrument Date:		Term:			
Registration Number:	113844	Effective Date:			
Registration Date:	1987/09/30 12:00:00AM	Expiry Date:	2006/05/31		
OCPC/MO Number:		Purpose:	COMMERCIAL		
Land Affected:	RIGHT OF WAY CLSR 69126 AND 2.64 HECTARES AS SHOWN ON PUBLIC WORKS DRAWING SK4423				
Grantor(s):	CROWN CANADA				
Grantee(s):	DEPARTMENT OF TRANSPORT				
Remarks:	DELETES LAND DESCRIPTIONS OF PERMIT REG #X10177 AND AMENDMENT REG #111002 EXTENDS TERM OF PERMIT FOR 15 YEARS TO 31 MAY 2006 WHICH IS 3 ADDITIONAL 5 YEAR PERIODS. PURPOSE IS FOR ACCESS ROAD TO DIGBY ISLAND				
ADDENDUM					
Instrument Date:	1987/07/30	Term:			
Registration Number:	113843	Effective Date:			
Registration Date:	1987/09/30 12:00:00AM	Expiry Date:	1989/06/30		
OCPC/MO Number:		Purpose:			
Land Affected:	AS SHOWN OUTLINED IN RED ON SKETCH ATTACHED TO PERMIT REG #7304				
Grantor(s):	CROWN CANADA				
Grantee(s):	SHELL CANADA PRODUCTS LIMITED				
Remarks:	RENEWS PERMIT FOR A TERM OF 5 YEARS FROM 1 JULY 1984 TO 30 JUNE 1989 WITH A RIGHT TO RENEWAL FOR A FURTHER 5 YEARS FROM 1 JULY 1989 ALSO AMENDS RENTAL CLAUSE OPERATION OF A FUEL STORAGE SITE				

Reserve: 07754 - S1/2 TSIMPSEAN 2

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: S1/2 TSIMPSEAN 2

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•	Columbia/BRITISH COLUMBIA				
Band: 673	- Metlakatla				
LETTER					
Instrument Date:	1997/03/04	Term:			
Registration Number:	250261	Effective Date:			
Registration Date:	1997/03/18 7:40:07AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
Land Affected:	PORTION OF RESERVE				
Grantor(s):	CROWN CANADA				
Grantee(s):	TRANSPORT CANADA				
Remarks:	PERMIT REG #X10178 AMENDS RENTAL CLAUSE FOR FIVE YEAR PERIOD COMMENCING JUNE 1, 1996				
LETTER					
Instrument Date:	2001/05/29	Term:			
Registration Number:	289619	Effective Date:			
Registration Date:	2001/06/20 11:48:19AM	Expiry Date:			
OCPC/MO Number:		Purpose:			
Land Affected:	PORTION OF RESERVE	'			
Grantor(s):	CROWN CANADA				
Grantee(s):	PRINCE RUPERT AIRPORT SO	CIETY			
Remarks:	PERMIT REG #X10177 AMENI COMMENCING JUNE 1, 2001	OS RENTAL CLAUSE FOR FIV	E YEAR PERIOD		

--- END OF REPORT ---

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Reserve General Abstract Report

Selected Criteria:

Reserve: SHOOWAHTLANS (SHAWTLANS) 4

Printed on: 2014/11/03 05:35 pm UNCLASSIFIED

Reserve: 07756 - SHOOWAHTLANS (SHAWTLANS) 4

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

MINUTES OF DECISION

Instrument Date:	1886/10/08	Term:			
Registration Number:	9211-310	Effective Date:			
		1			
Registration Date:	1971/11/05 12:00:00AM	Expiry Date:			
OCDC/MO Number		Dumpaga			
OCPC/MO Number:		Purpose:			
		Area:	30.000 Acres		
Land Affected:	RESERVE SITUATED ON THE OF METLAKATLA	WESTERN SHORE OF THE T	SIMPSEAN PENINSULA EAST		
Grantor(s):	COMMISSIONER O'REILLY				
Remarks:	VOL. 19 PG 82 ALLOTS RESE AND #64644	RVE. SEE SIMILAR MINUTES	OF DECISION REG #64651		
MINUTES OF DECISIO	N				
Instrument Date:	1914/08/14	Term:			
Registration Number:	112954	Effective Date:			
-					
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:			
OCDC/MO Number		D			
OCPC/MO Number:		Purpose:			
		Area:	1.180 Acres		
Land Affected:	SKEENA DISTRICT ON THE WOOF METLAKATLA CLSR BC714		MPSEAN PENINSULA EAST		
Grantor(s):	ROYAL COMMISSION				
Grantee(s):	673 Metlakatla				
Remarks:	VOL 3 PAGE 600 REDUCES RESERVE. SEE VOL 3 PAGE 601 FOR AMENDMENT OF				
	REDUCTION DATED 28 FEBRUARY 1916 - AREA OF 2.18 ACRES QUOTED IN ATTACHED SCHEDULE IS A CLERICAL ERROR				

Reserve General Abstract Report

Selected Criteria:

Reserve: SHOOWAHTLANS (SHAWTLANS) 4

Printed on: 2014/11/03 05:35 pm UNCLASSIFIED

Reserve: 07756 - SHOOWAHTLANS (SHAWTLANS) 4 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **PROV OC** Instrument Date: 1923/07/26 Term: Registration Number: 92925 Effective Date: Registration Date: 1984/02/20 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Area: 1.180 Acres Land Affected: SKEENA DISTRICT ON THE WESTERN SHORE OF THE TSIMPSEAN PENINSULA EAST OF METLAKATLA CLSR BC714 Grantor(s): CROWN BRITISH COLUMBIA Remarks: OC #911 CONFIRMS RESERVE AND ACCEPTS MINUTES OF DECISION REG #112954 -AREA OF 2.18 ACRES QUOTED IN ATTACHED SCHEDULE IS A CLERICAL ERROR OCPC Instrument Date: 1924/07/19 Term: Registration Number: 12073 Effective Date: Registration Date: 1969/08/11 12:00:00AM Expiry Date: OCPC/MO Number: PC #1265 Purpose: Area: 1.180 Acres Land Affected: SKEENA DISTRICT ON THE WESTERN SHORE OF THE TSIMPSEAN PENINSULA EAST OF METLAKATLA CLSR BC714 Grantor(s): CROWN CANADA Remarks: PC #1265 CONFIRMS RESERVE - AREA OF 2.18 ACRES QUOTED IN ATTACHED SCHEDULE IS A CLERICAL ERROR

Reserve General Abstract Report

Selected Criteria:

Reserve: SHOOWAHTLANS (SHAWTLANS) 4

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Reserve: 07756 - SHOOWAHTLANS (SHAWTLANS) 4 Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **PROV OC** Instrument Date: 1938/07/29 Term: Registration Number: 8042 Effective Date: Registration Date: 1969/02/14 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Area: 1.370 Acres Land Affected: SKEENA DISTRICT ON WESTERN SHORE OF TSIMPSEAN PENINSULA EAST OF PRINCE RUPERT Grantor(s): CROWN BRITISH COLUMBIA Grantee(s): CROWN CANADA Remarks: OC #1036 TRANSFERS ADMINISTRATION & CONTROL TO CANADA - SEE REG #4111-118 SURRENDER Instrument Date: 1951/04/19 Term: Registration Number: 15641 Effective Date: Registration Date: 1970/01/05 12:00:00AM Expiry Date: OCPC/MO Number: Purpose: Land Affected: WHOLE OF RESERVE Grantor(s): 673 - Metlakatla Grantee(s): CROWN CANADA Remarks: LANDS TO BE DISPOSED OF AS STATED IN DOCUMENT - SEE ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED - ENFRANCHISEMENT REVIEWED AND NOT

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SURRENDERED LAND TO RESERVE STATUS

RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING

Reserve General Abstract Report

Selected Criteria:

Reserve: SHOOWAHTLANS (SHAWTLANS) 4

Printed on: 2014/11/03 05:35 pm UNCLASSIFIED

Reserve: 07756 - SHOOWAHTLANS (SHAWTLANS) 4

Region/Province: British Columbia/BRITISH COLUMBIA

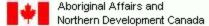
Band: 673 - Metlakatla

OCPC

Instrument Date:	1951/06/13	Term:		
Registration Number:	15641	Effective Date:		
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:		
OCPC/MO Number:	PC #2894	Purpose:		
Land Affected:	WHOLE OF RESERVE			
Grantor(s):	CROWN CANADA			
Remarks:	PC #2894 ACCEPTS ATTACHED CONDITIONAL SURRENDER DATED 19 APRIL 1951 - SINCE ENFRANCHISEMENT OF THE WHOLE BAND WAS NOT RECOMMENDED, ORDER IN COUNCIL PC #1962-868 REG #15645 RETURNED THE SURRENDERED LAND TO RESERVE STATUS			
ОСРС				
OCPC Instrument Date:	1962/06/20	Term:		
		Term: Effective Date:		
Instrument Date:				
Instrument Date: Registration Number:				
Instrument Date: Registration Number:	15645	Effective Date:		
Instrument Date: Registration Number:	15645 1970/01/05 12:00:00AM	Effective Date:		
Instrument Date: Registration Number: Registration Date: OCPC/MO Number:	15645 1970/01/05 12:00:00AM	Effective Date: Expiry Date:		
Instrument Date: Registration Number: Registration Date: OCPC/MO Number: Land Affected:	15645 1970/01/05 12:00:00AM PC #1962-868	Effective Date: Expiry Date:		
Instrument Date: Registration Number: Registration Date: OCPC/MO Number: Land Affected: Grantor(s):	15645 1970/01/05 12:00:00AM PC #1962-868 WHOLE OF RESERVE	Effective Date: Expiry Date:		

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Reserve General Abstract Report

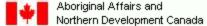
Selected Criteria:

Reserve: SQUADEREE 91

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Reserve: 07767 - SQ	UADEREE 91		
•	Columbia/BRITISH COLUMBIA		
	- Metlakatla		
MINUTES OF DECISIO	N		
Instrument Date:	1914/08/14	Term:	
Registration Number:	112954	Effective Date:	
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	5.000 Acres
Land Affected:	ON WEST COAST OF STEPHEI BAY CLSR BC845	NS ISLAND, NEAR THE NOR	THERN ENTRANCE TO SKIAKL
Grantor(s):	ROYAL COMMISSION		
Grantee(s):	673 Metlakatla		
Remarks:	VOL 3 PG 608 CONFIRMS RES	SERVE	
PROV OC			
Instrument Date:	1923/07/26	Term:	
Registration Number:	92925	Effective Date:	
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	5.000 Acres
Land Affected:	RESERVE ON WEST COAST O TO SKIAKL BAY CLSR BC845	F STEPHENS ISLAND NEAR	THE NORTHERN ENTRANCE
Grantor(s):	CROWN BRITISH COLUMBIA		
Remarks:	OC #911 CONFIRMS RESERV	E AND ACCEPTS MINUTES C	OF DECISION REG #112954

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INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: SQUADEREE 91

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Reserve: 07767 - SQ Region/Province: British (UADEREE 91 Columbia/BRITISH COLUMBIA		
	- Metlakatla		
PROV OC			
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	5.600 Acres
Land Affected:	RESERVE ON WEST COAST O TO SKIAKL BAY KNOWN AS L		
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANA	GEMENT AND CONTROL SE	E REG #4111-118
SURRENDER			
Instrument Date:	1951/04/19	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR DISPOSITION
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	ACCEPTING ORDER IN COUNC ATTACHED - ENFRANCHISEM IN COUNCIL REG #15645 PC RESERVE STATUS	ENT REVIEWED AND NOT RI	ECOMMENDED - SEE ORDÉR

Reserve: 07767 - SQUADEREE 91

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INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: SQUADEREE 91

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	Columbia/BRITISH COLUMBIA - Metlakatla		
OCPC 673	Fiedakada		
Instrument Date:	1951/06/13	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #2894	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Remarks:	PC #2894 ACCEPTS CONDITI SINCE ENFRANCHISEMENT O IN COUNCIL PC #1962-868 R RESERVE STATUS	F THE WHOLE BAND WAS N	OT RECOMMENDED, ORDER
ОСРС			
Instrument Date:	1962/06/20	Term:	
Registration Number:	15645	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1962-868	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Grantee(s):	673 Metlakatla		
Remarks:	PC #1962-868 SETS APART F OF INDIANS	OR THE USE AND BENEFIT (OF THE METLAKATLA BAND

Reserve General Abstract Report

Selected Criteria:

Reserve: SQUADEREE 91

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Reserve: 07767 - SQUADEREE 91

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

PROV OC				
Instrument Date:	1969/05/13		Term:	
Registration Number:	4111-118		Effective Date:	
Registration Date:	1971/02/26 12:00:0	00AM	Expiry Date:	
OCPC/MO Number:			Purpose:	
			Area:	5.600 Acres
Land Affected:			F STEPHENS ISLAND NEAR [*] OT 3914 RANGE 5 COAST C	
Grantor(s):	CROWN BRITISH CO	LUMBIA		
Grantee(s):	CROWN CANADA			
Remarks:	OC #1555 WAIVES F	REVERSI	ONARY INTEREST IN PROV C	OC REG #8042

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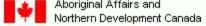
Reserve General Abstract Report

Selected Criteria: Reserve: TUCK INLET 89

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Reserve: 07765 - TU	CK INLET 89		
_	Columbia/BRITISH COLUMBIA		
Band: 673 MINUTES OF DECISIO	- Metlakatla		
Instrument Date:		Term:	
Registration Number:	112954	Effective Date:	
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
Land Affected:	AT HEAD OF TUCK'S INLET A	S PER SKETCH OF ASHDOW	N H GREEN
Grantor(s):	ROYAL COMMISSION		
Grantee(s):	673 Metlakatla		
Remarks:	ESTABLISHES RESERVE PG #	607	
PROV OC			
Instrument Date:	1923/07/26	Term:	
Registration Number:	92925	Effective Date:	
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	5.000 Acres
Land Affected:	HEAD OF TUCK'S INLET AS PI	ER SKETCH PLAN OF ASHDO	OWN H GREEN
Grantor(s):	CROWN BRITISH COLUMBIA		
Remarks:	OC #911 CONFIRMS & ACCE	PTS MINUTES OF DECISION	REG #112954

Region/Province: British Columbia/BRITISH COLUMBIA



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Reserve: 07765 - TUCK INLET 89

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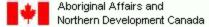
Reserve General Abstract Report

Selected Criteria:

Reserve: TUCK INLET 89

Printed on: 2014/11/03 05:37 pm UNCLASSIFIED

Band: 673	- Metlakatla		
ОСРС			
Instrument Date:	1924/07/19	Term:	
Registration Number:	12073	Effective Date:	
Degistration Date.	1000/00/11 12 00 00444	Evnima Datas	
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1265	Purpose:	
		Area:	5.000 Acres
Land Affected:	HEAD OF TUCK'S INLET AS P	ER SKETCH PLAN OF ASHDO	OWN H GREEN
Grantor(s):	CROWN CANADA		
Remarks:	PC #1265 CONFIRMS RESERV	/E	
PROV OC			
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
		5 · 5 ·	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	4.410 Acres
Land Affected:	LOT 3950 RANGE 5 COAST D	ISTRICT CLSR BC663	
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANA	GEMENT & CONTROL SEE R	EG #4111-118



OCPC

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUCK INLET 89

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Reserve: 07765 - TUCK INLET 89 Region/Province: British Columbia/BRITISH COLUMBIA Band: 673 - Metlakatla **SURRENDER**

Term: 11y 0m 8d Instrument Date: 1951/04/19 Registration Number: 15641 Effective Date: 1951/06/13 Registration Date: 1970/01/05 12:00:00AM Expiry Date: 1962/06/20 OCPC/MO Number: Purpose: FOR DISPOSITION Land Affected: WHOLE OF RESERVE Grantor(s): 673 - Metlakatla Grantee(s): CROWN CANADA Remarks: SEE ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED SUBJECT TO BAND ENFRANCHISEMENT - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TC

RESERVE STATUS

Instrument Date: 1951/06/13 Term: Registration Number: 15641 Effective Date: Registration Date: 1970/01/05 12:00:00AM Expiry Date:

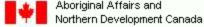
OCPC/MO Number: PC #2894 Purpose:

Land Affected: WHOLE OF RESERVE

Grantor(s): CROWN CANADA

Remarks: PC #2894 ACCEPTS CONDITIONAL SURRENDER DATED 19 APRIL 1951 ATTACHED -SINCE ENFRANCHISEMENT OF THE WHOLE BAND WAS NOT RECOMMENDED. ORDER IN COUNCIL PC #1962-868 REG #15645 RETURNED THE SURRENDERED LAND TO

RESERVE STATUS



Reserve: 07765 - TUCK INLET 89

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUCK INLET 89

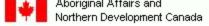
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Region/Province: British	Columbia/BRITISH COLUMBIA		
Band: 673	- Metlakatla		
ОСРС			
Instrument Date:	1962/06/20	Term:	
Registration Number:	15645	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1962-868	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Grantee(s):	673 Metlakatla		
Remarks:	PC #1962-868 RE-ESTABLISI	HES RESERVE - ENFRANCHIS	SEMENT NOT RECOMMENDED
PROV OC			
Instrument Date:	1969/05/13	Term:	
Registration Number:	4111-118	Effective Date:	
Registration Date:	1971/02/26 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1555 WAIVES REVERSION	ONAERY INTEREST IN PROV	OC REG #8042

--- END OF REPORT ---

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Reserve: 07760 - TUGWELL ISLAND 21



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

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_	Columbia/BRITISH COLUMBIA		
	- Metlakatla		
MINUTES OF DECISIO	N	_	
Instrument Date:	1882/09/13	Term:	
Registration Number:	14511	Effective Date:	
Registration Date:	1969/11/03 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	320.000 Acres
Land Affected:	SITUATED 1 1/2 MILES WES	T OF METLAKATLA	
Grantor(s):	COMMISSIONER O'REILLY		
Grantee(s):	673 Metlakatla		
Remarks:	ALLOTS RESERVE DUPLICATI #64651	MINUTES OF DECISION RE	G #9211-310 PG 89 SEE REG
MINUTES OF DECISIO	N		
Instrument Date:	1914/08/14	Term:	
Registration Number:	112954	Effective Date:	
		1	
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	312.000 Acres
Land Affected:	SKEENA DISTRICT 1 1/2 MIL	ES WEST OF METLAKATLA	
Grantor(s):	ROYAL COMMISSION		
Grantee(s):	673 Metlakatla		
Remarks:	CONFIRMS RESERVE PG 603		

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INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

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Reserve: 07760 - TU	GWELL ISLAND 21		
	Columbia/BRITISH COLUMBIA		
Band: 673 PROV OC	- Metlakatla		
	1000100100	_	
Instrument Date:		Term:	
Registration Number:	92925	Effective Date:	
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	312.000 Acres
Land Affected:	SKEENA DISTRICT 1 1/2 MILI	ES WEST OF METLAKATLA	
Grantor(s):	CROWN BRITISH COLUMBIA		
Remarks:	OC #911 CONFIRMS & ACCE	PTS MINUTES OF DECISION	REG #112954
ОСРС			
Instrument Date:	1924/07/19	Term:	
Registration Number:	12073	Effective Date:	
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1265	Purpose:	
		Area:	312.000 Acres
Land Affected:	SKEENA DISTRICT 1 1/2 MILI	ES WEST OF METLAKATLA	
Grantor(s):	CROWN CANADA		
Remarks:	PC #1265 CONFIRMS RESERV	VE	

Reserve: 07760 - TUGWELL ISLAND 21

Printed on: 2014/11/03 05:29 pm

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

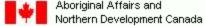
Selected Criteria:

Reserve: TUGWELL ISLAND 21

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_	Columbia/BRITISH COLUMBIA - Metlakatla		
PROV OC			
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	312.000 Acres
Land Affected:	SKEENA DISTRICT 1 1/2 MILI	ES WEST OF METLAKATLA C	LSR BC228
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANA	GEMENT & CONTROL SEE R	EG #4111-118
SURRENDER			
Instrument Date:	1951/04/19	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR DISPOSITION
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	: ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED - SUBJECT TO ENFRANCHISEMENT - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TO RESERVE STATUS		

Reserve: 07760 - TUGWELL ISLAND 21



Printed on: 2014/11/03 05:29 pm

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

Printed on: 2014/11/03 05:29 pm UNCLASSIFIED

Region/Province: British Columbia/BRITISH COLUMBIA 673 - Metlakatla **OCPC** Instrument Date: 1951/06/13 Term: Registration Number: 15641 Effective Date: Registration Date: 1970/01/05 12:00:00AM Expiry Date: OCPC/MO Number: PC #2894 Purpose: Land Affected: WHOLE OF RESERVE Grantor(s): CROWN CANADA Remarks: PC #2894 ACCEPTS CONDITIONAL SURRENDER DATED 19 APRIL 1951 ATTACHED -SINCE ENFRANCHISEMENT OF THE WHOLE BAND WAS NOT RECOMMENDED. ORDER IN COUNCIL PC #1962-868 REG #15645 RETURNED THE SURRENDERED LAND TO RESERVE STATUS **PERMIT** Term: 1y 0m 0d Instrument Date: 1956/04/18 Registration Number: 63935 Effective Date: 1956/05/01 Expiry Date: 1957/04/30 Registration Date: 1979/06/28 12:00:00AM OCPC/MO Number: Purpose: RIPARIAN RIGHTS Area: 24.000 Acres Land Affected: AS SHOWN ON SKETCH ATTACHED Grantor(s): CROWN CANADA Grantee(s): ARMOUR SALVAGE (1949) LTD Remarks: FOR USE OF RIPARIAN RIGHTS - BCR ATTACHED

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

UNCLASSIFIED

Printed on: 2014/11/03 05:29 pm Reserve: 07760 - TUGWELL ISLAND 21 Region/Province: British Columbia/BRITISH COLUMBIA Band: 673 - Metlakatla **PERMIT** Instrument Date: 1957/08/13 Term: 7y 0m 0d

Registration Number: 63936 Effective Date: 1957/05/01 Registration Date: 1979/06/28 12:00:00AM Expiry Date: 1964/04/30 OCPC/MO Number: Purpose: RIPARIAN RIGHTS Area: 24.000 Acres Land Affected: AS SHOWN ON SKETCH ATTACHED Grantor(s): CROWN CANADA Grantee(s): ARMOUR SALVAGE (1949) LTD Remarks: FOR USE OF RIPARIAN RIGHTS - BCR ATTACHED

OCPC

Instrument Date:	1962/06/20	Term:		
Registration Number:	15645	Effective Date:		
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:		
OCPC/MO Number:	PC #1962-868	Purpose:		
Land Affected:	WHOLE OF RESERVE			
Grantor(s):	CROWN CANADA			
Remarks:	PC #1962-868 RE-ESTABLISH - SURRENDER REG #15641	HES RESERVE - ENFRANCHIS	SEMENT NOT RECOMMENDED	

Printed on: 2014/11/03 05:29 pm Page 5 of 7

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

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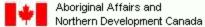
Reserve: 07760 - TUGWELL ISLAND 21

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

PERMIT				
Instrument Date:	1966/02/18		Term:	7y 0m 0d
Registration Number:	63937		Effective Date:	1966/03/01
Registration Date:	1979/06/28 12:00	:00AM	Expiry Date:	1973/02/28
OCPC/MO Number:			Purpose:	SAND & GRAVEL
Land Affected:	AS SHOWN ON SKE	TCH ATTA	CHED	
Grantor(s):	CROWN CANADA			
Grantee(s):	ARMOUR SALVAGE	(1949) LTI	D	
Remarks:	PURPOSE: REMOVA	L OF GRAV	/EL - BCR ATTACHED	
PERMIT				
Instrument Date:	1967/03/28		Term:	6y 0m 0d
Registration Number:	63938		Effective Date:	1967/03/01
Registration Date:	1979/06/28 12:00	:00AM	Expiry Date:	1973/02/28
OCPC/MO Number:			Purpose:	SAND & GRAVEL
Land Affected:	PORTION N1/2 LOT	1382 & W	1/2 LOT 1383 SHOWN IN R	RED ON SKETCH ATTACHED
Grantor(s):	CROWN CANADA			
Grantee(s):	ARMOUR SALVAGE	(1949) LTI	D	
Remarks:	PURPOSE: REMOVII	NG MATER	IAL - BCR ATTACHED	

Reserve: 07760 - TUGWELL ISLAND 21



INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: TUGWELL ISLAND 21

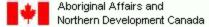
Printed on: 2014/11/03 05:29 pm UNCLASSIFIED

Region/Province: British	Columbia/BRITISH COLUMBIA			
Band: 673	- Metlakatla			
PROV OC				
Instrument Date:	1969/05/13	Term:		
Registration Number:	4111-118	Effective Date:		
Registration Date:	1971/02/26 12:00:00AM	Expiry Date:		
OCPC/MO Number:		Purpose:		
Land Affected:	WHOLE OF RESERVE			
Grantor(s):	CROWN BRITISH COLUMBIA			
Grantee(s):	CROWN CANADA			
Remarks:	OC #1555 WAIVES REVERSIONARY INTEREST IN PROV OC REG #8042			
PERMIT				
Instrument Date:	1976/01/13	Term:	5y 0m 0d	
Registration Number:	44885	Effective Date:	1974/08/01	
Registration Date:	1976/01/20 12:00:00AM	Expiry Date:	1979/07/31	
OCPC/MO Number:		Purpose:	RIPARIAN RIGHTS	
Land Affected:	AS INDICATED IN RED ON SKETCH ATTACHED			
Grantor(s):	CROWN CANADA			
Grantee(s):	RIVTOW STRAITS LIMITED			
Remarks:	RIGHT TO INTERFERE WITH RIPARIAN RIGHTS - BCR ATTACHED			

--- END OF REPORT ---

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Reserve: 07755 - WILNASKANCAUD 3



Printed on: 2014/11/03 05:34 pm

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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_	Columbia/BRITISH COLUMBIA - Metlakatla		
MINUTES OF DECISIO			
Instrument Date:		Term:	
Registration Number:			
Registration Number.	9211-310	Effective Date:	
Registration Date:	1971/11/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	6.000 Acres
Land Affected:	8 MILES SOUTHEAST OF MET	LAKATLA ON EAST SHORE (OF KAIEN ISLAND
Grantor(s):	COMMISSIONER O'REILLY		
Grantee(s):	673 Metlakatla		
Remarks:	ALLOTMENT SEE DUPLICATE	MINUTES OF DECISION REG	G #64651
MINUTES OF DECISIO	N		
Instrument Date:	1914/08/14	Term:	
Registration Number:	112954	Effective Date:	
Registration Date:	1987/07/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	6.000 Acres
Land Affected:	SKEENA DISTRICT ON EAST SHORE OF KAIEN ISLAND 8 MILES SOUTHEAST OF METLAKATLA		
Grantor(s):	ROYAL COMMISSION		
Grantee(s):	673 Metlakatla		
Remarks:	CONFIRMS RESERVE		

Reserve: 07755 - WILNASKANCAUD 3

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INDIAN LANDS REGISTRY SYSTEM

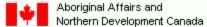
Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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_	Columbia/BRITISH COLUMBIA - Metlakatla		
PROV OC	Frederica		
Instrument Date:	1923/07/26	Term:	
Registration Number:	92925	Effective Date:	
Registration Date:	1984/02/20 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	6.000 Acres
Land Affected:	SKEENA DIST ON EAST SHORE OF KAIEN ISLAND 8 MILES SOUTHEAST OF METLAKATLA		
Grantor(s):	CROWN BRITISH COLUMBIA		
Remarks:	OC #911 CONFIRMS & ACCE	PTS MINUTES OF DECISION	REG #112954
ОСРС			
Instrument Date:	1924/07/19	Term:	
Registration Number:	12073	Effective Date:	
Registration Date:	1969/08/11 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1265	Purpose:	
		Area:	6.000 Acres
Land Affected:	SKEENA DIST ON EAST SHORE OF KAIEN ISLAND 8 MILES SOUTHEAST OF METLAKATLA		
Grantor(s):	CROWN CANADA		
Remarks:	PC #1265 CONFIRMS RESERVE		



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Reserve: 07755 - WILNASKANCAUD 3

INDIAN LANDS REGISTRY SYSTEM

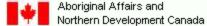
Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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	Columbia/BRITISH COLUMBIA - Metlakatla		
PROV OC	Hedakada		
Instrument Date:	1938/07/29	Term:	
Registration Number:	8042	Effective Date:	
Registration Date:	1969/02/14 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
		Area:	6.000 Acres
Land Affected:	SKEENA DISTRICT ON EAST	SHORE OF KAIEN ISLAND EA	AST OF PRINCE RUPERT
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1036 TRANSFERS MANA	GEMENT & CONTROL SEE R	EG #4111-118
SURRENDER			
Instrument Date:	1951/04/19	Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	FOR DISPOSITION
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	673 - Metlakatla		
Grantee(s):	CROWN CANADA		
Remarks:	DISPOSAL UPON ENFRANCHISEMENT - SEE ACCEPTING ORDER IN COUNCIL PC #2894 ATTACHED - ENFRANCHISEMENT REVIEWED AND NOT RECOMMENDED - SEE ORDER IN COUNCIL REG #15645 PC #1962-868 RETURNING SURRENDERED LAND TO RESERVE STATUS		



Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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Reserve: 07755 - WI	LNASKANCAUD 3		
_	Columbia/BRITISH COLUMBIA		
Band: 673 OCPC	- Metlakatla		
	1051/06/12	T	
Instrument Date:		Term:	
Registration Number:	15641	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #2894	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Remarks:	PC #2894 ACCEPTS CONDITIONAL SURRENDER DATED 19 APRIL 1951 ATTACHED - SINCE ENFRANCHISEMENT OF THE WHOLE BAND WAS NOT RECOMMENDED, ORDER IN COUNCIL PC #1962-868 REG #15645 RETURNED THE SURRENDERED LAND TO RESERVE STATUS		
PERMIT			
Instrument Date:	1957/07/26	Term:	1y 0m 0d
Registration Number:	63927	Effective Date:	1957/01/01
Registration Date:	1979/06/28 9:21:00AM	Expiry Date:	1957/12/31
OCPC/MO Number:		Purpose:	RECREATIONAL
Land Affected:	PARCEL OF LAND AS SHOWN	OUTLINED IN RED ON BCR	ATTACHED
Grantor(s):	CROWN CANADA		
Grantee(s):	BOY SCOUT'S ASSOCIATION OF PRINCE ALBERT		
Remarks:	FOR CAMPSITE PURPOSES		

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Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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Reserve: 07755 - WI	ILNASKANCAUD 3		
	Columbia/BRITISH COLUMBIA		
	- Metlakatla		
PERMIT			
Instrument Date:		Term:	1y 0m 0d
Registration Number:	63928	Effective Date:	1958/01/01
Registration Date:	1979/06/28 9:21:00AM	Expiry Date:	1958/12/31
OCPC/MO Number:		Purpose:	RECREATIONAL
Land Affected:	PARCEL AS DESCRIBED AND	SHOWN ON BCR REG #639	27
Grantor(s):	CROWN CANADA		
Grantee(s):	BOY SCOUT'S ASSOCIATION	OF PRINCE ALBERT	
Remarks:	FOR CAMPSITE PURPOSES		
ОСРС			
Instrument Date:	1962/06/20	Term:	
Registration Number:	15645	Effective Date:	
Registration Date:	1970/01/05 12:00:00AM	Expiry Date:	
OCPC/MO Number:	PC #1962-868	Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN CANADA		
Grantee(s):	673 Metlakatla		
Remarks:	PC #1962-868 RE-ESTABLISHES RESERVE FOR THE USE AND BENEFIT OF THE BAND		

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INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

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Region/Province: British	. LNASKANCAUD 3 Columbia/BRITISH COLUM	BIA	
	- Metlakatla		
PERMIT			
Instrument Date:	1969/01/31	Term:	2y 0m 0d
Registration Number:	63929	Effective Date:	1966/11/01
Registration Date:	1979/06/28 9:21:00AM	Expiry Date:	1968/10/31
OCPC/MO Number:		Purpose:	RIPARIAN RIGHTS
Land Affected:	PART OF RESERVE AS SH	OWN OUTLINED IN RED ON SK	ETCH ATTACHED
Grantor(s):	CROWN CANADA		
Grantee(s):	NORMAN MANNING LIMIT	ΓED	
Remarks:	FOR THE RIGHT TO INTE	RFERE WITH THE RIPARIAN RIG	HTS
PROV OC			
Instrument Date:	1969/05/13	Term:	
Registration Number:	4111-118	Effective Date:	
Registration Date:	1971/02/26 12:00:00AM	Expiry Date:	
OCPC/MO Number:		Purpose:	
Land Affected:	WHOLE OF RESERVE		
Grantor(s):	CROWN BRITISH COLUMBIA		
Grantee(s):	CROWN CANADA		
Remarks:	OC #1555 WAIVES REVERSIONARY INTEREST IN PROV OC REG #8042		

INDIAN LANDS REGISTRY SYSTEM

Reserve General Abstract Report

Selected Criteria:

Reserve: WILNASKANCAUD 3

Printed on: 2014/11/03 05:34 pm UNCLASSIFIED

Reserve: 07755 - WILNASKANCAUD 3

Region/Province: British Columbia/BRITISH COLUMBIA

Band: 673 - Metlakatla

OCPC				
Instrument Date:	2008/05/01		Term:	
Registration Number:	361233		Effective Date:	
Registration Date:	2009/01/22 1:45:	10PM	Expiry Date:	
OCPC/MO Number:	PC #2008-823		Purpose:	FOR LEASE
Land Affected:	LOT 2 RSBC 3826R			
Grantor(s):	CROWN CANADA			
Remarks:	PC #2008-823 ACCEPTS ATTACHED DESIGNATION OF LANDS FOR LEASING PURPOSES DATED 29 JUNE 2007 PURSUANT TO PARAGRAPH 39(1)(C) AND SEC 40 OF INDIAN ACT			

--- END OF REPORT ---

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As of: OCT 26, 2014 BC Online: Site Registry 14-10-27 For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY) 11: 24: 36 Folio: 14135101000 Page Detail Report SITE LOCATION 4900 54d 18m 53.3s Site ID: Lati tude: Victoria File: Longi tude: 130d 16m 08.6s Regional File: 26250-20/PR/BCBC Region: SMI THERS, SKEENA Site Address: 240-280 KAIEN ROAD City: PRINCE RUPERT Prov/State: BC Postal Code: Registered: SEP 30, 1998 Updated: MAY 18, 2001 Detail Removed: OCT 20, 2000 Parti ci pants: Associated Sites: 0 1 Susp. Land Use: 2 Parcel Descriptions: Documents: 2 Location Description: LAT/LONG DERIVED BY BC ENVIRONMENT REFERENCING THE TRANSPORTATION CENTRELINE NETWORK (NAD 83), FEBRUARY 19, 1998. Record Status: INACTIVE - REMEDIATION COMPLETE Fee category: SMALL SITE, COMPLEX CONTAMINATION NOTATI ONS Notation Type: CERTIFICATE OF COMPLIANCE ISSUED (WMA 27.6(2)) Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS Initiated: DEC 08, 1999 Approved: DEC 08, 1999 Ministry Contact: GLANVILLE, DEBORAH S Notation Type: OTHER WASTE SYSTEM NUMBERS Notation Class: ADMINISTRATIVE Initiated: JUL 09, 1998 Approved: JUL 09, 1998 Ministry Contact: LOWE, DERRICK A. Notation Participants BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA Notation Roles RECEIVED BY STREET)) LOWE, DÉRRICK A. ISSUED BY Note: IN RESPONSE TO THE REQUEST BY BCBC TO CLOSE THE SPECIAL WASTE TREATMENT FACILITY, A FAX WAS SENT FROM BCE TO BCBC ADVISING THAT WHILE THE SOIL IS ABOVE INDUSTRIAL LEVELS, APPROVAL AS-15543 MUST REMAIN IN EFFECT. THEREFORE, CLOSURE OF THE SPECIAL WASTE TREATMENT PORTION OF THE FACILITY CANNOT OCCUR AT THIS TIME. Notation Type: SITE INVESTIGATION REPORT SUBMITTED Notation Class: ADMINISTRATIVE Initiated: MAY 29, 1998 Approved: MAY 29, 1998

Ministry Contact: GLANVILLE, DEBORAH S

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As of: OCT 26, 2014 BC Online: Site Registry 14-10-27 For: PA59614 GOLDER ASSOCIATES LTD. (BURNABY) 11: 24: 36

Folio: 14135101000

NOTATIONS

FOI. PASSOTA GOLDER ASSOCIATES LID. (BURNADI)

Page

Notation Participants
BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA SUBMITTED BY STREET))

Notation Roles
SUBMITTED BY

LOWE, DÉRRICK A. RECEIVED BY

Note: THE REPORT: "GROUNDWATER INVESTIGATION AND SOIL REMEDIATION - FORMER HIGHWAYS MAINTENANCE YARD, PRINCE RUPERT BC." WAS SUBMITTED WITH COVERING LETTER FROM BCBC, REQUESTING THAT THE BIOCELL BE CLOSED AS A SPECIAL WASTE TREATMENT FACILITY (BUT TO REMAIN OPEN AS A REMEDIATION FACILITY).

Notation Type: WASTE MANAGEMENT APPROVAL ISSUED

Notation Class: LEGAL REQUIREMENT

Initiated: APR 27, 1998 Approved: APR 27, 1998

Ministry Contact: GLANVILLE, DEBORAH S

Notation Participants

LOWE, DERRICK A.

RHEBERGEN, FRANK G

Notation Roles
REVIEWED BY
I SSUED BY

Note: AUTHORIZATION TO STORE AND TREAT SPECIAL WASTE CONTAMINATED SOIL IN A WASTE PILE LOCATED AT 240/260/280 KAIEN ROAD, PRINCE RUPERT.

WASTE FILE LOCATED AT 240/200/200 RATEN ROAD, FRINCE ROPERT.

Notation Type: NOTICE OF INDEPENDENT REMEDIATION INITIATION SUBMITTED (WMA

28(2))
Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Initiated: APR 02, 1998 Approved: APR 02, 1998

Ministry Contact: GLANVILLE, DEBORAH S

Notation Participants
GEOVIRO ENGINEERING LTD. (VANCOUVER)
LOWE, DERRICK A.

Notation Roles
SUBMITTED BY
RECEIVED BY

Note: ALSO SERVES AS A REQUEST FOR APPROVAL OF BIO-REMEDIATION OF SPECIAL WASTE SOIL, FORMER HIGHWAYS MAINTENANCE YARD, PRINCE RUPERT BC. NOTE SPECIAL WASTE GENERATOR NUMBER: 02741.

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)

Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

NOTATION CLASS. WASTE MANAGEMENT ACT. CONTAMINATED SITES NOTATIONS

Initiated: FEB 01, 1998 Approved: FEB 18, 1998

Ministry Contact: GLANVILLE, DEBORAH S

Notation Participants
GEOVIRO ENGINEERING LTD. (VANCOUVER)
LOWE, DERRICK A.

Notation Roles
SUBMITTED BY
RECEIVED BY

Note: INVESTIGATION OF SUSPECTED BURIED DRUM LOCATIONS SUBMITTED. THE Page 2

Si teRegDetai | Si tel D4900Lat54Long130. txt INVESTIGATION UNCOVERED BURIED METAL SUCH AS DRUM LIDS, MAINTENANCE BLADES, A

As of: OCT 26, 2014 BC Online: Site Registry 14-10-27 For: PA59614 GOLDER ASŠOCIAŤES LTD. (BURNABY) 11: 24: 36 Folio: 14135101000 Page **NOTATIONS**

CRUMPLED EMPTY DRUM AND SCRAP METAL. SOIL ANALYSIS INDICATED HYDROCARBON CONCENTRATIONS IN EXCESS OF INDUSTRIAL CONTAMINATED SITES REMEDIATION CRITERIA. TOLUENE CONCENTRATIONS IN STOCKPILED MATERIAL EXCEEDED SPECIAL WASTE CRITERIA. RECOMMENDATIONS WERE MADE TO INSTALL GROUNDWATER MONITORING WELLS, ON SITE BIOREMEDIATION OF TOLUENE CONTAMINATED SOIL.

Required Actions: 1998-02-18 - SUMMARY LETTER REGARDING CURRENT SITE INVESTIGATION BY GEOVIRO ENGINEERING LTD.

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2) Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS

Initiated: SEP 23, 1997 Approved: SEP 23, 1997

Ministry Contact: GLANVILLE, DEBORAH S

Note: EM61 SURVEY AND SURFACE WATER SAMPLING REPORT WAS SUBMITTED BY GEOVIRO ENGINEERING LTD. EM 61 SURVEY WAS CONDUCTED TO CONFIRM THE PRESENCE AND THREE SURFACE WATER SAMPLES WERE COLLECTED FROM LOCATIONS OF BURIED DRUMS. SMALL STREAM FLOWING BEHIND AND THROUGH SUBJECT SITE CONFIRMED THE PRESENCE OF TOLUENE IN CONCENTRATIONS BELOW THE CONTAMINATED SITE REMEDIATION CRITERIA FOR AQUATIC LIFE.

Notation Type: DETAILED SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2)
Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS
Initiated: AUG 01, 1997 Approved: AUG 01,

Approved: AUG 01, 1997

Ministry Contact: GLANVILLE, DEBORAH S

Note: BASED ON RECOMMENDATIONS IN THE PHASE 1 INVESTIGATION, 11 TESTPITS WERE EXCAVATED IN FORMER PAINT STORAGE AREAS, A HYDROCARBON STAINED AREA, TAR SPILL AREA AND BRIDGE TIE/PILING AND OTHER SUSPECTED STORAGE AREAS.
RECOMMENDATIONS WERE MADE FOR FURTHER INVESTIGATIONS OF THE HYDROCARBON STAINED AREA, AND SUSPECTED BURIED DRUM LOCATIONS WITHIN THE PAINT STORAGE AREA.

Notation Type: PRELIMINARY SITE INVESTIGATION REPORT ACCEPTED (WMA 26.2) Notation Class: WASTE MANAGEMENT ACT: CONTAMINATED SITES NOTATIONS Initiated: JUN 01, 1997 Approved: JUN 0 Approved: JUN 01, 1997

Ministry Contact: GLANVILLE, DEBORAH S

Note: PHASE 1 INVESTIGATION IDENTIFIED SEVERAL CONCERNS BASED ON HISTORIC AND BACKGROUND INFORMATION INCLUDING SPILLS/LEAKS FROM PAINT STORAGE DRUMS, ASBESTOS FROM CLUVERT PIPING STORED ON SITE, AND A LEAKING TANKER STORED ON SITE FOR SEVERAL YEARS. CONCERNS IDENTIFIED DURING THE SITE VISIT INCLUDED PAINT STAINS, SCRAP METAL DEBRIS, AND LARGE ASPHALT/TAR SPILL.

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SITE PARTICIPANTS

Participant: BC BUILDINGS CORPORATION (BURNABY) ROLe(s): PROPERTY OWNER

As of: OCT 26, 2014 BC Online: Site Registry 14-10-27 For: PA59614 GOLDER ASŠOCI ATES LTD. (BURNABY) 11: 24: 36 Folio: 14135101000 Page 4 SITE PARTICIPANTS Start Date: APR 16, 1998 End Date: Participant: BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA STREET))
Role(s): PROPERTY OWNER
Start Date: MAY 29, 1998 End Date: 1998 End Date: Participant: CITY OF PRINCE RUPERT (PRINCE RUPERT) Role(s): MUNICIPAL/REGIONAL CONTACT Start Date: APR 22, 1998 Notes: TOM IRELAND End Date: Participant: GEOVIRO ENGINEERING LTD. (VANCOUVER) Role(s): ENVIRONMENTAL CONSULTANT/CONTRACTOR Start Date: FEB 01, 1998 End Date: Participant: GLANVILLE, DEBORAH S
ROIe(s): ALTERNATE MINISTRY CONTACT
Start Date: JUN 01, 1997
End Date: MAR 01, 2001 Participant: LOWE, DERRICK A.
Role(s): MAIN MINISTRY CONTACT
Start Date: FEB 01, 1998
End Date: SEP 13, 1999 Participant: REGIONAL DISTRICT OF SKEENA-QUEEN CHARLOTTE (PRINCE RUPERT) Role(s): MUNICIPAL/REGIONAL CONTACT Start Date: APR 22, 1998 End Date: Notes: GREG FLETCHER Participant: RHEBERGEN, FRANK G
Role(s): ALTERNATE MINISTRY CONTACT
Start Date: APR 27, 1998 End Date: **DOCUMENTS** TITLE: GROUNDWATER INVESTIGATION AND SOIL REMEDIATION, FORMER HIGHWAYS MAINTENANCE YARD PRINCE RUPERT BC. Authored: MAY 01, 1998 Submitted: JUN 02, 1998 Parti ci pants Rol e GEOVIRO ENGINEERING LTD. (VANCOUVER)
BC BUILDINGS CORPORATION (KAMLOOPS (COLUMBIA **AUTHOR** COMMI SSI ONER STREET)) SUSPECTED LAND USE

Si teRegDetai | Si tel D4900Lat54Long130. txt

Description: AUTO/TRUCK/BUS/SUBWAY/OTHER VEHICLE REPAIR/SALVAGE/WRECKING

Notes: SNOWPLOW BLADE STORAGE

Description: PAINT/LACQUER/VARNISH MANU/FORMULAT/RECYCLE/WHLSLE BULK STOR Notes: HIGHWAY MARKING PAINT STORAGE

As of: OCT 26, 2014 BC Online: Site Registry

14-10-27 For: PA59614 GOLDER ASŠOCIATES LTD. (BURNABY) 11: 24: 36

Folio: 14135101000 PARCEL DESCRIPTIONS Page 5

Date Added: MAY 21, 1998 LTO PID#: 007151268 Crown Land PIN#:

Crown Land File#:

Land Desc: LOT 5 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

Date Added: MAY 21, 1998 Crown Land Crown Land PIN#:

LTO PID#: 007151331 Crown Land File#:

Land Desc: LOT 6 DISTRICT LOT 251 RANGE 5 COAST DISTRICT PLAN 8614

No activities were reported for this site

End of Detail Report



APPENDIX C

Review of Aerial Photographs

- S1/2 Tsimpsean 2 (in text)
- Wilnaskancaud 3 (in text)
- Shoowahtlans 4
- Tugwell Island 21
- Tuck Inlet 89
- Rushton Island 90
- Squaderee 91
- Avery Island 92
- Edye 93



The following Tables C-1 through C-7 provide a summary of the aerial photograph review for the following seven Reserves:

- Shoowahtlans 4
- Tugwell Island 21
- Tuck Inlet 89
- Rushton Island 90
- Squaderee 91
- Avery Island 92
- Edye 93

Summaries of the review of aerial photographs for S1/2 Tsimpsean 2 and Wilnaskancaud 3 are provided in the main Phase I Environmental Site Assessment report.

Table C-1: Summary of Shoowahtlans 4 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5540-39 Black and White	The Reserve is undeveloped and forested.	The Reserve bordered by a bay to the south, an inlet the west, forested areas to the north and east. Shawatlan Lake is to the east past the forested section.
1947 BC432:64 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1963 BC5085-106 Black and White	The Reserve appears generally unchanged from the 1947 photograph.	Areas of logging visible to the north, south, and west.
1973 BC5557-190 Black and White	The Reserve appears generally unchanged from the 1963 photograph.	The area surrounding the Reserve remains generally unchanged from the 1963 photographs.
1977 BC77101-046 Black and White	The Reserve appears generally unchanged from the 1973 photograph.	The area surrounding the Reserve remains generally unchanged from the 1973 photographs.
1984 BC84053-157 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
1996 30BCB96064-119 Black and White	The Reserve appears generally unchanged from the 1984 photograph.	The area surrounding the Reserve remains generally unchanged from the 1984 photographs.
2005 ME05410C-0027 Colour	The Reserve appears generally unchanged from the 1996 photograph.	The area surrounding the Reserve remains generally unchanged from the 1996 photographs.



Table C-2: Summary of Tugwell Island 21 – Aerial Photo Review

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Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area	
1937 A5675-2 Black and White	The Reserve is undeveloped with a mix of forested areas and clearings.	The Reserve is surrounded by the Pacific Ocean on all sides.	
1947 BC432:17 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.	
1963 BC5084-052 Black and White	The Reserve appears generally unchanged from the 1947 photograph.	The area surrounding the Reserve remains generally unchanged from the 1947 photographs.	
1977 BC77008-250 Black and White	The Reserve appears generally unchanged from the 1963 photograph.	The area surrounding the Reserve remains generally unchanged from the 1963 photographs.	
1987 BC87067-026 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.	
1992 30BCB92041-153 Black and White	The Reserve appears generally unchanged from the 1987 photograph.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.	
1996 30BCB96064-134 Black and White	The Reserve appears generally unchanged from the 1992 photograph.	The area surrounding the Reserve remains generally unchanged from the 1992 photographs.	

Table C-3: Summary of Tuck Inlet 89 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5536-74 Black and White	The Reserve is undeveloped and forested. A stream runs through the Reserve before discharging into the Tuck Inlet.	The Tuck Inlet waterbody is present to the southeast of the Reserve. Forested areas are present to the north, east, south, and west of Reserve. The stream that runs through the Reserve comes from the northwest.
1947 BC433:56 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1963 BC5084-012 Black and White	The Reserve appears generally unchanged from the 1947 photograph.	The area surrounding the Reserve remains generally unchanged from the 1947 photographs.
1974 BC5619-061 Black and White	The Reserve appears generally unchanged from the 1963 photograph.	Log booms visible to the southeast. Areas have been cleared of trees to the northeast.
1977 BC77101-170 Black and White	The Reserve appears generally unchanged from the 1974 photograph.	A section of the shoreline to the east has been cleared with inferred logging equipment/camp visible onshore.
1987 BC87067-039 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	Inferred logging roadway visible extending northwest from the inferred logging camp on the shoreline to the east. Section of forest to the south has been cleared.
1992 30BCB92037-268 Black and White	The Reserve appears generally unchanged from the 1987 photograph.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.



May 8, 2015 Project No. 1413510 Table C-4: Summary of Rushton Island 90 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5540-61 Black and White	The Reserve is undeveloped and forested with exposed bedrock.	The Reserve is surrounded by the Pacific Ocean on all sides with smalls island present in surrounding area.
1954 BC1921:93 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1974 BC5619-039 Black and White	The Reserve appears generally unchanged from the 1954 photograph.	The area surrounding the Reserve remains generally unchanged from the 1954 photographs.
1977 BC77008-133 Black and White	The Reserve appears generally unchanged from the 1974 photograph.	The area surrounding the Reserve remains generally unchanged from the 1974 photographs.
1988 BC88041-165 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
2006 15BCC06182-126 Colour	The Reserve appears generally unchanged from the 1988 photograph.	The area surrounding the Reserve remains generally unchanged from the 1988 photographs.

Table C-5: Summary of Squaderee 91 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5540-67 Black and White	The Reserve is undeveloped and forested.	The Reserve is surrounded by the Pacific Ocean on all sides. Stephens Island is adjacent to the north.
1954 BC1922:21 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1974 BC5619-013 Black and White	The Reserve appears generally unchanged from the 1954 photograph.	The area surrounding the Reserve remains generally unchanged from the 1954 photographs.
1977 BC77008-139 Black and White	The Reserve appears generally unchanged from the 1974 photograph.	The area surrounding the Reserve remains generally unchanged from the 1974 photographs.
1987 BC87062-244 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
2006 15BCC06182-152 Colour	The Reserve appears generally unchanged from the 1987 photograph.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.



Table C-6: Summary of Avery Island 92 – Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5540:75 Black and White	The Reserve is undeveloped and forested.	The Reserve is surrounded by the Pacific Ocean on all sides. Stephens Island is adjacent to the south.
1954 BC1921:95 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1973 RSA30769-42 Black and White	The Reserve appears generally unchanged from the 1954 photograph.	The area surrounding the Reserve remains generally unchanged from the 1954 photographs.
1977 BC77008-027 Black and White	The Reserve appears generally unchanged from the 1973 photograph.	The area surrounding the Reserve remains generally unchanged from the 1973 photographs.
1987 BC87067-003 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
2006 15BCC06182-139 Colour	The Reserve appears generally unchanged from the 1987 photograph.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.

Table C-7: Summary of Edye 93- Aerial Photo Review

Date and Aerial Photograph Number (No.)	Within Reserve	Surrounding Area
1937 A5532-30 Black and White	The Reserve is undeveloped and forested.	The Reserve is surrounded by the Pacific Ocean on all sides. Prescott Island is adjacent to the north.
1954 BC1922:16 Black and White	The Reserve appears generally unchanged from the 1937 photograph.	The area surrounding the Reserve remains generally unchanged from the 1937 photographs.
1974 BC5619-009 Black and White	The Reserve appears generally unchanged from the 1954 photograph.	The area surrounding the Reserve remains generally unchanged from the 1954 photographs.
1977 BC77008-008 Black and White	The Reserve appears generally unchanged from the 1974 photograph.	The area surrounding the Reserve remains generally unchanged from the 1974 photographs.
1987 BC87062-221 Black and White	The Reserve appears generally unchanged from the 1977 photograph.	The area surrounding the Reserve remains generally unchanged from the 1977 photographs.
1992 30BCB92061-61 Black and White	The Reserve appears generally unchanged from the 1987 photograph.	The area surrounding the Reserve remains generally unchanged from the 1987 photographs.
2006 15BCC06182-208 Colour	The Reserve appears generally unchanged from the 1992 photograph.	The area surrounding the Reserve remains generally unchanged from the 1992 photographs.







APPENDIX D

Reserve Reconnaissance Photographs







Photograph 1: Abandoned Boat, Carolina Island shoreline, S1/2 Tsimpsean 2



Photograph 2: Above ground storage tank and miscellaneous refuse, Gravel Pit, S1/2 Tsimpsean 2







Photograph 3: Machinery at Gravel Pit, S1/2 Tsimpsean 2



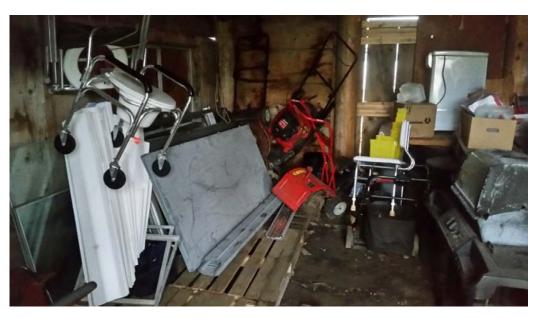
Photograph 4: Interior of Work Shop, S1/2 Tsimpsean 2







Photograph 5: Miscellaneous storage adjacent to Work Shop, S1/2 Tsimpsean 2



Photograph 6: Interior of Old Oil Shed #1, S1/2 Tsimpsean 2







Photograph 7: Location of former Old Oil Shed #2, S1/2 Tsimpsean 2



Photograph 8: Fuel Storage Building and Transfer Station, S1/2 Tsimpsean 2







Photograph 9: Appliances and miscellaneous refuse at the Transfer Station, S1/2 Tsimpsean 2



Photograph 10: Landfill #1, S1/2 Tsimpsean 2







Photograph 11: Landfill #2, S1/2 Tsimpsean 2



Photograph 12: Landfill #3, S1/2 Tsimpsean 2







Photograph 13: Culvert at Landfill #3, S1/2 Tsimpsean 2



Photograph 14: Mobile above ground storage tank, Sewage Treatment Facility, S1/2 Tsimpsean 2







Photograph 15: Sewage Treatment Facility Iagoons, S1/2 Tsimpsean 2



Photograph 16: Interior of Drinking Water Treatment Facility, S1/2 Tsimpsean 2







Photograph 17: Drinking Water Treatment Facility, S1/2 Tsimpsean 2



Photograph 18: Fire Hall, S1/2 Tsimpsean 2





Photograph 19: Lift Station #1, S1/2 Tsimpsean 2



Photograph 20: Abandoned Boats, Metlakatla Village shoreline, S1/2 Tsimpsean 2







Photograph 21: Location of historical dock, Digby Island, S1/2 Tsimpsean 2



Photograph 22: Grassy Bay Petro-Canada Gas Bar, Wilnaskancaud 3









Photograph 23: Grassy Bay Petro-Canada above ground storage tanks and fuel lines, Wilnaskancaud 3



Photograph 24: Tribal Resources Investment Corporation office, Wilnaskancaud 3





Photograph 25: Tribal Resources Investment Corporation propane tank, Wilnaskancaud 3



Photograph 26: Shoreline, Shoowahtlans 4







Photograph 27: Forested area, Shoowahtlans 4



Photograph 28: Net along shoreline, Tugwell Island 21







Photograph 29: Shoreline, Tugwell Island 21



Photograph 30: Fire pit near a cabin, Tugwell Island 21







Photograph 31: Garbage along shoreline, Tuck Inlet 89



Photograph 32: Garbage along river bank, Tuck Inlet 89







Photograph 33: Dock adjacent to the east of Reserve, Tuck Inlet 89



Photograph 34: View from the water, Squaderee 91







Photograph 35: Cabin and surrounding area, Squaderee 91



Photograph 36: Generator adjacent to cabin, Squaderee 91







Photograph 37: Forested area, Avery Island 92



Photograph 38: Yacht club removable dock, on island near Avery Island 92





Photograph 39: View of island, Edye 93

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North America + 1 800 275 3281
South America + 55 21 3095 9500

solutions@golder.com www.golder.com

Golder Associates Ltd. 2nd floor, 3795 Carey Road Victoria, British Columbia, V8Z 6T8 Canada

T: +1 (250) 881 7372

